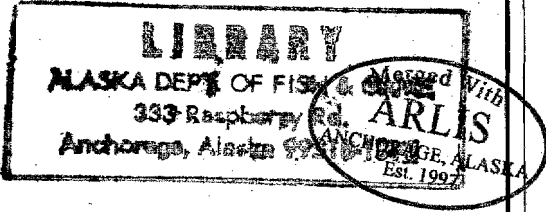


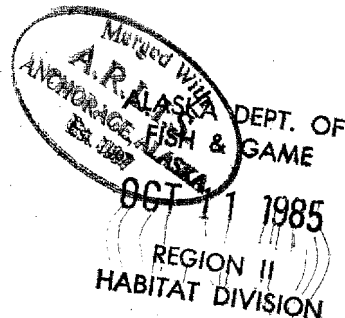
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SUSITNA HYDROELECTRIC PROJECT

FEDERAL ENERGY REGULATORY COMMISSION
PROJECT No. 7114



RESOURCE USER SURVEY



PREPARED BY
**INSTITUTE OF SOCIAL
AND ECONOMIC RESEARCH
UNIVERSITY OF ALASKA**

UNDER CONTRACT TO
WARZA-EBASCO
SUSITNA JOINT VENTURE

FINAL REPORT

JUNE 1985
DOCUMENT No. 2906

Alaska Power Authority

TK
1425
F.S.R.
F472
no. 2906

SUSITNA HYDROELECTRIC PROJECT

RESOURCE USER SURVEY

Prepared by
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Under Contract to
Harza-Ebasco Susitna Joint Venture

Prepared for
Alaska Power Authority

Final Report
June 1985

ARLIS
Alaska Resources
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ACKNOWLEDGEMENTS

The authors would like to acknowledge Jim Hemming of Dames and Moore Consultants for constructing the geographic analysis areas employed in this study, compiling information on major resource use activities, and assisting in the overall design of the study. Stephen Braund and his associates, Randall Hagenstein and Tim Holmes, contributed to the design of the study and directed the face-to-face interview portion of the study. Marc Hellenthal successfully directed the unusually large telephone survey and wrote the questionnaire. Terry Hull, Darla Siver, Cathi Dwyer, Kandy Crowe, and Jim Kerr made major contributions in data and word processing. Any errors in the report are solely the responsibility of the authors.

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REPORT

1.0 INTRODUCTION

1.1 STUDY OBJECTIVES

This study has four major objectives. These are:

- Estimate the number and percentage of study area (see Figure 3-1) households engaging in resource use activities in areas potentially affected by the Susitna Hydroelectric Project.
- Estimate the present dollar value of these resource use activities.
- Describe the relative qualities of different resource use areas.
- Present data on the economic circumstances of urban, small town, and rural Alaska resident resource users as a means of describing the value of resource use activities.

The resource-user survey results provide three major kinds of information. First, they provide a comprehensive set of reliable estimates of the number of Alaska residents who use resources in the areas potentially affected by the Susitna Hydroelectric Project. While it is possible to derive estimates of some forms of resource use (e.g., moose hunting, caribou hunting, king salmon fishing) from data collected by the Alaska Department of Fish and Game (ADF&G), little or no information exists for other activities (e.g., summer off-road vehicle use, backpacking, or waterfowl hunting).

Second, the resource-user survey identifies the extent to which these resource demands are being generated by urban, small town, and rural Alaska resident populations. Again, the residence of some, but not all, types of resource users can be derived from ADF&G data.

Third, the survey provides empirically sound information about the value of resource-use activities in areas both inside and outside the areas most likely to be affected by the Susitna Hydroelectric

Project. This information previously did not exist for any type of resource user on a broad geographical basis.

Although various studies of resource users and area settlements have been or are being conducted, no comprehensive source of information on Alaska resident resource uses occurring in the areas potentially affected by the Susitna Project existed prior to the Resource User Survey. Without comparable information on all types of resource activities, it was not possible to weigh the distribution of costs and benefits of the Project among various Alaska resident populations that could be affected by the Project. This study does not provide information on nonresident resource use. The reader should be aware that the results of this study strictly pertain to Alaska resident resource use.

The data needs in this study were straightforward: who does what, where, when, and with what purpose and benefits. The major challenge of the study was not identifying data needs but rather obtaining the data in a cost-effective manner since a large number of interviews were required to obtain information on a relatively small number of resource users.

A survey of some 1,300 southcentral residents in 1979 (ISER, 1979) indicated that some 15 percent of the adults (male and female) in Anchorage and Fairbanks went moose hunting somewhere in Alaska in 1979. The percentage of adults involved in a moose hunt in the area potentially affected by the Sustina Hydroelectric Project was not specifically measured but clearly was substantially less. Since moose hunting is a relatively frequent activity compared with bear hunting or even caribou hunting, obtaining sufficient data was more difficult than the example suggests.

The low participation in resource use activities in the area potentially affected by the Susitna Hydroelectric Project made it

difficult to develop the required resource use information from a general population survey. It was necessary to contact large numbers of households to obtain sufficient data on households that are involved in resource use activities in the area. The alternative methods by which a resource user survey might have been performed and the reasons presented why a mixed telephone/face-to-face survey approach was selected are explained in Section 2.0. The remainder of Section 1.0 contains a summary of study results.

1.2 SUMMARY OF RESULTS

Between February 15 and April 20, 1985, 4,545 study area residents were interviewed on their hunting, fishing, and other recreational activities. Respondents provided time and place information on their household's participation in 21 activities and more detailed participation information on two randomly chosen activities. Location information was coded into 1 of 14 areas within a defined study region or within 1 of 7 areas outside the study region.

Survey results established that resource use activities in the area that would be inundated by the Susitna Hydroelectric Project involve approximately 0.5 percent of all study area households annually. The area north of the inundation zone that could be opened up for increased use due to new road access is used annually by 1.4 percent of all study area households and 3.3 percent of the study area's rural households. Finally, the Susitna River reach between Devil's Canyon and the confluence with the Chulitna River is used annually for salmon fishing by 1.5 percent of all study area households.

Information about travel costs, travel time, and reported willingness to pay additional money to engage in activities at particular locations was used to estimate the dollar value of resource uses in the potential inundation zone and other analysis areas. Results

indicate that the gross annual dollar value of locations in the inundation zone as sites for resource use activities in 1984 was between \$176,000 and \$500,000. These figures represent 0.5 percent of the gross dollar value of all measured resource uses of study area residents anywhere in the state in 1984. The estimated annual dollar value of the reach of the Susitna River between Devil's Canyon and the confluence with the Chulitna River for recreational and personal use salmon fishing is between \$499,000 and \$1,374,000.

Respondents were asked to rate the quality of 10 specific attributes of the area they used for a selected resource use activity. They were also asked to rate the quality of the same 10 attributes for the best substitute location. The difference between these ratings represents the comparative advantage of the chosen location over the next best location. Results show that remote areas of the Susitna study region have six comparative advantages for resource users who live in rural areas:

- Ease of getting to area
- Beauty of area
- Familiarity with area
- Lower cost of activity
- Family tradition of doing activity in area
- Lack of crowding in area

The results of the dollar value analysis indicate that the primary value of the inundation zone is its value to urban resource users. The same pattern applies to all other analysis areas. The absolute number of urban resource users of the potential inundation zone is 28 times greater than the absolute number of rural resource users of the zone. Urban resource users also live farther away from the area and thus spend more to travel there. The incomes of urban resource users also average twice that of rural resource users; as a result, urban resource users spend more on their resource use activities.

Analysis results show that rural resource users have chosen to live in an area with fewer employment opportunities in order to live near hunting and fishing opportunities. The dollar value analysis results do not reflect the income opportunity cost of living in rural areas and therefore understate the value of resource use activities among rural residents. An indication of the underestimate is that 44 percent of rural residents who hunt and fish get half or more of their food from resource use activities. Among urban households involved in hunting or fishing, the comparable figure is 18 percent.

As a whole, the resource use, dollar value, relative value, and user characteristic analyses establish:

- Current levels of use in the potential inundation zone are extremely low.
- Approximately 1.5 percent of all study area households annually fish the study analysis area containing Susitna River reach between Devil's Canyon and Talkeetna for salmon.
- The gross annual dollar value of the potential inundation zone as a location for recreational resource use and personal use is about 0.5 percent of the value of all other resource use locations.
- The gross annual dollar value of the analysis area containing the Susitna River reach between Devil's Canyon and Talkeetna for salmon is approximately 2.4 percent of the value of all other fishing locations.
- Both resource use and dollar value estimates for the potential inundation zone are low for rural as well as small town, and urban residents.
- In general, the value of resource uses to rural residents is greater than the dollar value estimates suggest. The dollar value estimates for rural residents are constrained by low incomes which are the result of preferences to live near resource use opportunities. Even if the dollar value estimates were adjusted to take rural income constraints into account, the absolute value of the inundation zone to rural residents would be low since few rural residents use the area itself.

2.0 SELECTION OF SURVEY APPROACH

2.1 FEASIBILITY OF CONDUCTING A MAIL SURVEY

The problem of obtaining data necessary to meet the objectives of this study would be largely eliminated if accurate lists of all those engaged in each activity of interest were available and could be used in a targeted mail survey. The ADF&G uses this approach to determine where licensed residents fish. Unfortunately, accurate lists of berry-pickers, backpackers, kayakers, or many other types of resource users are not available. Moreover, complete lists of hunters or fishermen are not available since some rural residents do not obtain licenses and license files are not updated frequently. Even if such lists were available, however, a mail survey would not be the preferred approach.

The ADF&G mail surveys are short and are sent to people who have a personal interest in the topic of the survey (e.g. fishing to those with fishing licenses), and who probably perceive the survey sponsor as an agency which provides them with significant benefits. Research on mail survey response rates clearly indicates that the length of the survey, the importance of the survey topic to the respondent, and the type of sponsor are strongly related to response rate (Linsky, 1975).

In the case of the present study, respondents had to be asked about a wide range of resource uses during more than one period of time and in more than one area. Respondents could not reasonably be expected to be interested in responding to a mail questionnaire concerning all their resource use activities. In addition, the Alaska Power Authority could not validly portray itself as an agency whose primary mandate is to improve the quality of the activities pursued by respondents. As a result of these factors, even the best designed mail survey would not achieve an acceptable response rate.

2.2 FEASIBILITY OF CONDUCTING FACE-TO-FACE INTERVIEWS

Since the objectives of the study were not only to estimate the number of resource users but also to document the characteristics of resource users and the values associated with resource use, the research design had to yield an adequate number of resource users to permit an analysis of various target populations. For example, a sample of 2,000 urban residents was estimated to be required to generate a subsample of roughly 200 respondents who have pursued one or more resource-use activities during the last year in remote areas of the Susitna study region.

The need for such large samples precluded consideration of face-to-face interviews except where absolutely necessary. A well-designed survey involving exclusively face-to-face interviews would require the development of a sample frame, including the listing of households, and repeated contacts at selected households to locate respondents. Just the field costs of such a survey would cost in excess of \$300,000, a price not worth the additional reliability gained by asking some types of questions face-to-face rather than over the telephone. In fact, the only benefit of face-to-face interviews in the present study would have been the opportunity to present maps to respondents when asking for location information. Carefully worded questions minimized this problem.

2.3 FEASIBILITY OF CONDUCTING TELEPHONE INTERVIEWS

Aside from the limitation on the use of maps during the interview, the only other limitation of telephone interviews was incomplete residential telephone coverage. Based on statistics compiled by local telephone companies and the most recent census counts, telephone coverage is generally excellent in the study area and Copper River/Wrangell regions. An estimated 98 percent of all households in Anchorage and Fairbanks have residential telephone

service. In the remaining areas, available data indicated that approximately 96 percent of all households in the Palmer-Wasilla area, Talkeetna, Glennallen, Tok, and Valdez had residential telephone service in early 1985. Telephone coverage in both urban areas and in or near small towns was thus clearly adequate to support a valid telephone survey.

Telephone coverage in rural areas of the study area and the Copper River/Wrangell regions was somewhat lower, although rapidly increasing. Seventy-five percent of all rural households in these areas were initially estimated to possess residential telephone service. Since one of the study's objectives was to describe differences in resource use among urban, small town, and rural populations, the level of rural telephone coverage was not adequate to justify an exclusive reliance on telephone contacts as a survey mode.

2.4 SURVEY APPROACH SELECTED

Based on the above considerations, the method of choice was actually a combination of telephone and face-to-face interviews. Telephone interviews were conducted in all target areas and supplementary sample of households lacking telephone service was used to properly represent rural areas.

3.0 SURVEY POPULATIONS

3.1 DETERMINATION OF TARGET POPULATION

The objectives of the study required the development of information that could be generalized to the segment of the study area population whose resource use activities could be affected by the Susitna Hydroelectric Project. Theoretically, the maximum size of this target population was the state population as a whole. Residents from southeastern, northern, and western Alaska conceivably occasionally engage in resource use activities in the southcentral region. However, use levels in the Susitna Basin among these populations is extremely low. Their inclusion in the study's target population would have consumed project resources that otherwise could have been used to describe use levels and characteristics of populations which more actively use resources near the proposed Susitna Hydroelectric Project.

At the other extreme, restriction of the target population to the area containing the most active Susitna area resource users would result in an underestimation of total resource use. The extent of underestimation would, of course, be unknown. It was therefore desirable to adopt a relatively broad definition of the target population while still excluding Alaska resident populations that clearly are marginal resource users in the area of interest. The study's target population included the following areas:

- The Anchorage Municipality
- The Matanuska-Susitna Borough
- Valdez north on the Richardson Highway to the Copper River Basin

- The Copper River Basin, including households located within a mile to the east of the Richardson Highway, north on the Richardson and Tok cutoff to Delta Junction and Tok
- The Alaska Highway west from Tok
- The Fairbanks North Star Borough
- The Parks Highway south of the Fairbanks North Star Borough to the Matanuska-Susitna Borough
- The Denali Highway and all other areas within the Parks, Glenn, Richardson, and Alaska highways
- The area west of the Parks highway and east of the Alaska Range, south of the Petersville Road to (but not including) Tyonek on the Cook Inlet

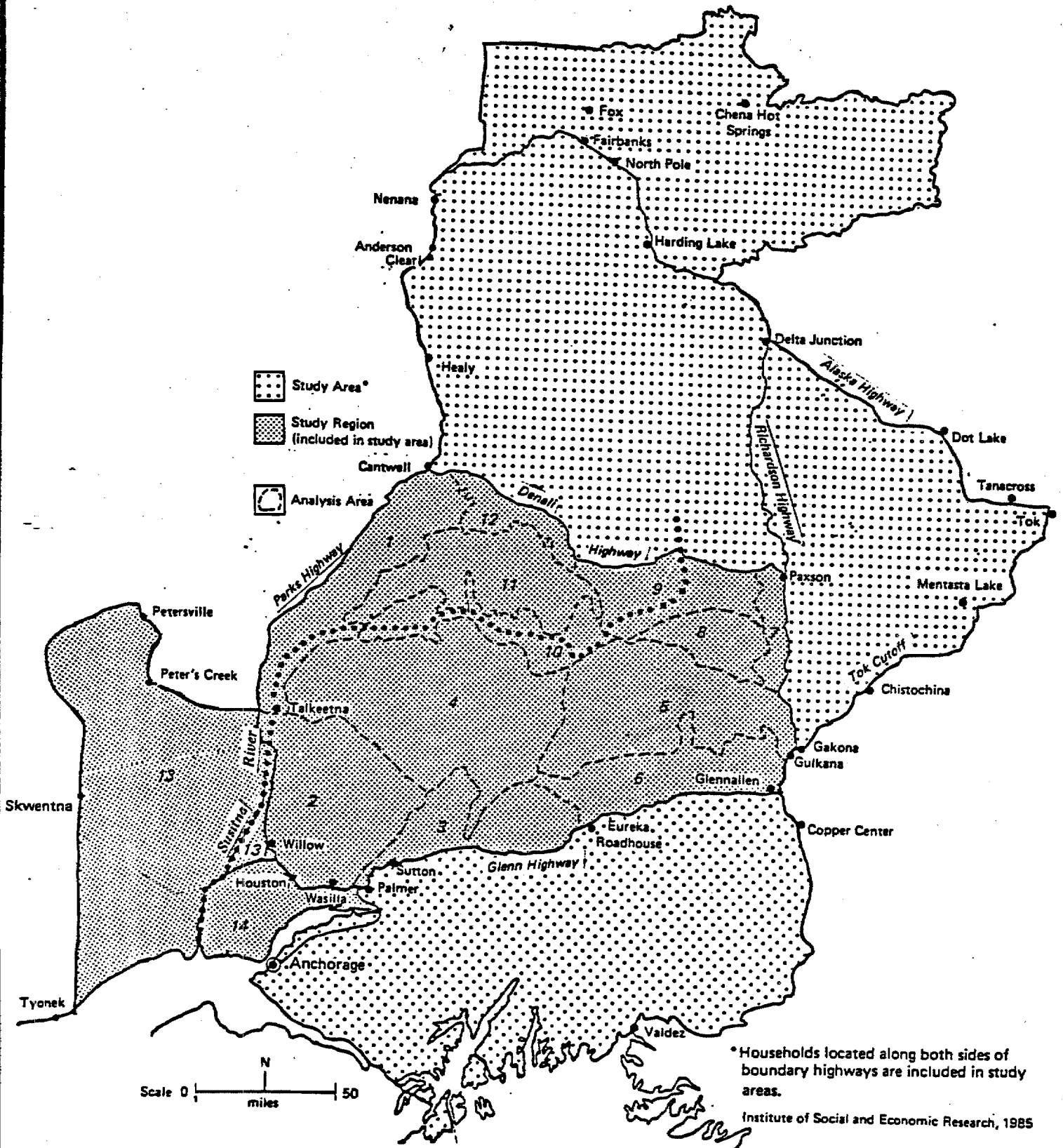
Figure 3-1 delineates the geographic boundaries for the target population. Within this area, all households were included in the target population. Military service members living on-base in the study target population were included since they are commonly active resource users.

3.2 IDENTIFICATION OF SUBPOPULATIONS

Previous research on Alaska resident resource use potentially affected by the Susitna Hydroelectric Project by the Power Authority and the Subsistence Division of the ADF&G has focused on rural populations. The special circumstances and resource use patterns of rural residents clearly warrant the identification of rural residents as a special subpopulation for reporting purposes. At the same time, it was recognized that residents of the relatively large population centers of Anchorage and Fairbanks differ from other population groups in circumstances and resource use patterns, and should also be treated as a subpopulation. It was therefore decided that three subpopulations would be used for reporting purposes: urban, small town, and rural.

Figure 3-1

Susitna Hydroelectric Project
Susitna Resource User Survey Study Boundaries



The distinction between small town and rural subpopulations cannot be validly made on the basis of population size within incorporated boundaries. Communities such as Glennallen are not incorporated, while much of the area outside the cities of Palmer and Wasilla is clearly more urban than rural in character. The most valid approach was to define the small town subpopulation by residence in or near the following settlements: Palmer, Wasilla, Houston, Willow, Talkeetna, Nenana, Clear, Cantwell, Anderson, Healy, Delta Junction, Tok, Glennallen, and Valdez. Rural was therefore defined as all areas outside the above-named small towns and not part of the Anchorage Municipality or the Fairbanks North Star Borough.

3.3 GENERALIZATION TO INDIVIDUALS VS. HOUSEHOLDS

The alternatives of generalizing survey results to individuals or to households were considered, and the latter was chosen for overwhelming practical reasons. If individuals were randomly sampled, and information was obtained only about the sampled individual's resource use activity, the resource-user data base would likely have been less than half the size it is. If, on the other hand, each respondent was asked to report on the resource use activities of each individual household member, it would have been necessary to collect detailed information on the household composition of each resource use incident and necessary to obtain financial and personal characteristics information concerning each household member.

Given the number of separate resource use activities to be covered in the survey, the potential benefits associated with adopting the individual as the reporting unit were outweighed by the lowered response rates and increased measurement errors associated with a longer, more complicated interview.

3.4 SELECTION OF RESPONDENT

Since the survey results were to be generalized to households, the respondent selected in each household reported resource use information pertaining to any household member. Thus, it is not possible to determine which specific members of the household participated. To minimize measurement errors, it was important that the respondent be the person best informed about the resource use activities of the entire household. The most straightforward way of identifying this person was to ask the adult first contacted to identify the individual household member who he or she believed to be the most knowledgeable about hunting, fishing, or other outdoor recreation activities. The interviewer then arranged to interview that person.

4.0 IDENTIFICATION OF STUDY REGION

Conceptually, the study region of interest is defined by the area in which resource uses occur that may be affected by the Susitna Project. New roads and the lakes created by the Susitna Project may increase access to areas now only accessible by air, or even create opportunities for new forms of resource use in some areas. These changes could redistribute or even expand the total amount of resource use in the state as a whole. Thus, the limits of the study region theoretically correspond to the boundaries of the state of Alaska. At the other extreme, relatively small areas would be directly affected by the construction and operation of each project facility such as the dams, reservoirs, and access road.

To properly reflect both the upper and lower extremes of the definition of the study region, study area residents were asked to report levels of resource use in the state as a whole and in a set of 14 analysis areas collectively referred to in this report as the study region. The study region is defined by two areas: (1) the area bounded by the Denali, Richardson, Glenn, and Parks Highways (containing analysis areas 1-12); and (2) the area bounded by the Parks Highway on the east and a line drawn north from Tyonek on the west to Petersville Road (containing analysis areas 13 and 14) (see Figure 3-1).

The study region is considerably larger than the area likely to experience significant project-related effects and was easy to describe to respondents in either face-to-face or telephone interviews. With the exception of the two analysis areas (numbers 13 and 14) located outside the Glenn, Parks, Denali, and Richardson highway area, all analysis units were constructed to be consistent with the recently designed Alaska Department of Fish and Game Uniform Coding Units. They represent aggregations of ADF&G subunits and are designed to:

- Clearly identify the Susitna Project's reservoir zone
- Differentiate remote from road-based resource uses
- Have clearly identified boundaries that could be easily communicated by telephone

The ADF&G Uniform Coding System units used to construct the analysis areas are shown in Table 4-1. Four of the analysis areas are of particular interest in this study. Area 10 closely matches the proposed inundation zone. Portions of areas 11 and 12 would be opened up to road-based resource use following the Project construction phase. Area 1 contains the Susitna River reach most likely to experience downstream effects on salmon stocks.

In addition to identifying 14 analysis areas within the study region, 7 analysis areas were identified outside the study region. These areas are illustrated in Figure 4-1 and described below:

- (1) Area 10 miles north of the Denali Highway and south of the Alaska Range
- (2) Kenai Peninsula
- (3) Anchorage/Chugach Mountains
- (4) Copper River/Wrangell/Valdez
- (5) Southeast Alaska
- (6) Elsewhere in Alaska
- (7) Outside of Alaska

TABLE 4-1
SUSITNA HYDROELECTRIC PROJECT
COMPOSITION OF ANALYSIS AREAS*

Area 1: Parks North

Game Management Unit (GMU) 13E: 101, 102, 201, 202, 801, 1001,
3003, 1101, 1501.

Area 2: Parks South

GMU 14A: 101, 303.
GMU 14B: 401, 501, 601, 701, 801, 901.

Area 3: Glenn

GMU 13A: 1001, 1002, 1101, 1201, 1301, 1302, 1303.
GMU 13D: 1701, 1801, 2301.
GMU 14A: 501, 502, 503, 601, 701, 801, 802, 803, 804, 901,
1001, 1101.

Area 4: Talkeetna Mountains

GMU 13A: 901, 1401, 1501, 1701, 1801, 1803, 1805, 1806.
GMU 13E: 1201, 1202, 1301, 1302, 1303, 1401, 1801, 2201, 2202,
2203.
GMU 14B: 101, 201, 301, 1001.

Area 5: Lake Louise Flats

GMU 13A: 801, 1802, 2001, 2002, 2101, 2102, 2103, 2104.
GMU 13B: 101.

Area 6: Glenn East

GMU 13A: 101, 201, 301, 401, 501, 502, 601, 701, 702, 703.
GMU 13D: 1201, 1501, 1602.

Area 7: Richardson

GMU 13B: 1102, 1401, 1402, 1701, 1703, 1704, 1801, 1802.

*This table describes the composition of this study's geographic analysis areas in terms of ADF&G game management units and uniform coding units.

TABLE 4-1 (Cont.)

Area 8: Alphabet Hills

GMU 13B: 1403, 1501, 1601.

Area 9: Denali East

GMU 13B: 301, 302, 303, 304, 401, 402, 403, 404, 501, 502,
601, 1201, 1202, 1602, 1603.

Area 10: Susitna

GMU 13A: 1601.

GMU 13B: 201.

GMU 13E: 1701, 1702, 1703, 2301, 2401.

Area 11: Deadman

GMU 13E: 1601, 1901, 2001, 2101, 2102, 2402, 2501.

Area 12: Denali West

GMU 13E: 2601, 2602, 2902, 2903, 3201,
3202.

Area 13: Sustina West

Part of GMU 16B as far west as old Tyonek and as far north as
Petersville Road.

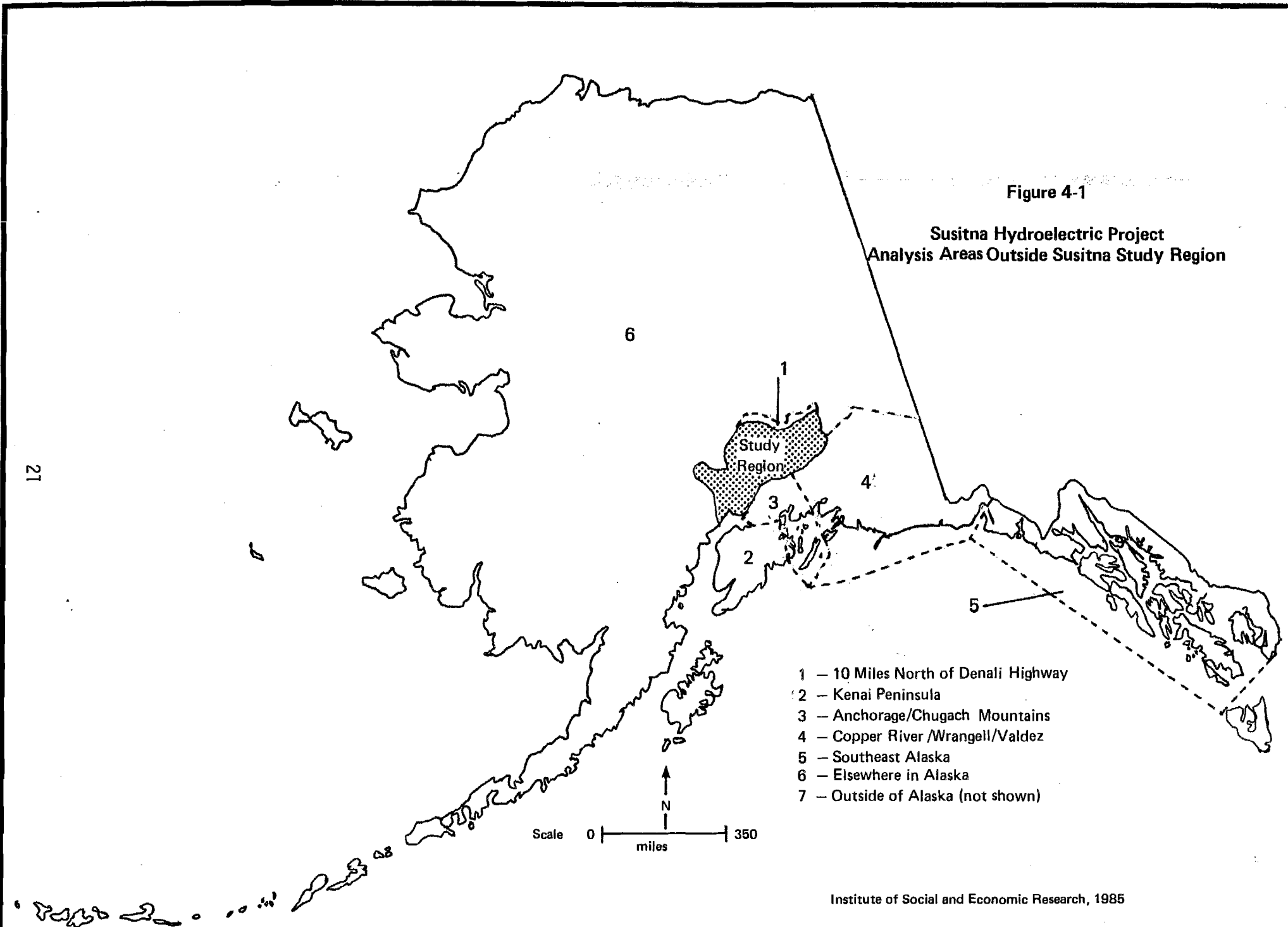
Area 14: Big Lake

GMU 14A.

SOURCE: A Uniform Coding System (UCS) for Hunter Harvest Data in
Alaska. 1984. Alaska Department of Fish and Game, Game
Division.

Figure 4-1

Susitna Hydroelectric Project
Analysis Areas Outside Susitna Study Region



- 1 - 10 Miles North of Denali Highway
- 2 - Kenai Peninsula
- 3 - Anchorage/Chugach Mountains
- 4 - Copper River/Wrangell/Valdez
- 5 - Southeast Alaska
- 6 - Elsewhere in Alaska
- 7 - Outside of Alaska (not shown)

Scale 0 | miles | 350

5.0 SAMPLE DESIGN

5.1 DETERMINATION OF SAMPLE SIZE

An estimated 2,000 urban, 1,700 small-town, and 670 rural interviews were required to meet the objectives of this study. Since a primary objective of the study was to estimate the number of people using resources in areas within or near the Susitna project area, it was necessary to generate highly reliable sample estimates of use which could be applied to the three study subpopulations: urban, small town, and rural. It was assumed that observed levels of use would be low.

A sample of 2,000 urban households enabled the estimation of the population size of the user groups involving only two percent of the urban population to within 650 households at a level of confidence of 95 percent for an estimated total of 106,000 urban households. The same size sample also produced adequate subsamples of urban resource users by type of resource use. This size sample permitted an analysis of user group characteristics. The same sampling logic was applied to the small town and rural strata to calculate required sample sizes. The resulting sample sizes were smaller due to the effect of the finite population correction factor (Moser and Kalton, 1972).

5.2 TELEPHONE SAMPLE DESIGN

The urban telephone sample frame included all prefixes in the Anchorage Municipality and the Fairbanks North Star Borough (including prefixes for the military bases). An urban sample of numbers sufficient to yield approximately 2,000 completed interviews was generated. The size of each prefix sample was proportional to

the number of residential telephone numbers in the prefix. Since the probability of any urban household being selected was equal, the urban sample is representative without the application of differential interview weights among urban interviews.

The remaining prefixes in the study area covered both small town and rural areas. The number of sampled households in each prefix was proportional to the number of residential telephone numbers in the prefix. The split of small town and rural interviews was achieved by asking respondents to identify the physical location of their residence and sorting completed interviews by location. The location of small town coding categories are shown in Table 5-1. Rural coding categories cover all remaining areas except the Anchorage Municipality and the Fairbanks North Star Borough.

Actual sample elements were drawn randomly. A sampled telephone number could not be replaced until its disposition was resolved to be either: (1) a completed interview, (2) a refusal, (3) a nonworking number, (4) a business number, (5) a number not answered or continuously busy after callbacks repeated over at least four days in both daytime and evening hours, or (6) a household in which there was no eligible respondent (e.g., a motel room). The response rate was determined by the number of completed interviews divided by the sum of completed interviews, refusals, and nonanswered numbers.

5.3 FACE-TO-FACE INTERVIEW SAMPLE

The final research design called for the development of the rural nontelephone sample frame immediately prior to the commencement of face-to-face interviewing. Estimates of the number of households lacking residential telephone service were first developed by comparing 1984 Mat-Su Borough housing counts and 1980 U.S. Census housing counts with telephone company reports of residential telephone numbers and census data on the incidence of telephone

TABLE 5-1
SUSITNA HYDROELECTRIC PROJECT
CODING CATEGORIES FOR SMALL TOWN HOUSEHOLDS

- (1) Palmer area, defined by Glenn Highway milepost (mp) 35 to mp 49
- (2) Wasilla area, defined by Parks Highway mp 35 to mp 45
- (3) Palmer/Wasilla area including Bogard Road and Palmer/Wasilla Highway
- (4) Houston area, defined by Parks Highway mp 56 to mp 58
- (5) Willow area, defined by Parks Highway mp 67 to mp 72
- (6) Talkeetna, including the northern 2 miles of the Talkeetna Spur Road
- (7) Nenana, Anderson, Healy, Cantwell, and Clear on Parks Highway
- (8) Delta Junction, defined by Alaska Highway mp 96 to mp 100
- (9) Tok area, defined by Alaska Highway mp 204 to mp 208
- (10) Glennallen area, defined by Glenn Highway mp 175 to Junction with Richardson Highway
- (11) Valdez area, defined by Richardson Highway mp 0 to mp 25

service by census enumeration district. While these data were the best available, they proved to be of limited value. Telephone service has rapidly expanded throughout the study area in the last two years, and the most recent data available did not accurately reflect this expansion. In addition, housing and telephone information was not available for geographic units that were sufficiently small to create sample clusters.

In view of the above-mentioned limitations, sample quotas were constructed for 17 geographical areas based on the best available estimates of the number of households lacking telephone service in each area. Quotas were not strictly proportional to these estimates; rather, areas that are along the Parks and Glenn highways and in the Copper River Basin were oversampled. These areas were most likely to contain residents who use the Susitna study region. Had quotas been strictly proportional to population, most of the face-to-face interviews would have taken place along the Alaska Highway, particularly in the Tok and Delta Junction areas. The sample design quotas for the seventeen areas appear in Table 5-2.

The 17 areas identified above were too large to permit direct sampling of households. Further work was necessary to ensure that all interviews were not conducted in one or two locations within each of the 17 areas. Interviewers were therefore directed to contact telephone linemen and others potentially familiar with the distribution of households lacking telephone service within each of the 17 areas. Interviewers were instructed to form sample clusters of seven-to-ten households per cluster and to then pick enough clusters to meet the interview quota for each area. This approach was designed to minimize the chances that the particular sample of households in each area would be unrepresentative of all households in the area.

TABLE 5-2
 SUSITNA RESOURCE USER SURVEY
 PROJECTED AND ACTUAL INTERVIEWS FOR NONTELEPHONE SAMPLE*

	<u>Projected</u>	<u>Actual</u>
<u>Parks Highway</u>		
A Clear, Healy, McKinley, Denali Highway, Cantwell (excluding Anderson)	10	10
B North of Talkeetna, Alaska RR, to Summit	8	7
C Greater Peters Creek	13	15
D Greater Talkeetna	20	25
E Roadless Areas, non-RR Areas of Talkeetna Mountains and Susitna River	16	6
F Greater Montana	21	19
G Point MacKenzie	0	4
H Hatcher Pass	<u>3</u>	<u>4</u>
Parks Highway Subtotal	91	90
 <u>Glenn, Alaska, and Richardson Highways</u>		
I Sutton	7	7
J Chickaloon	5	8
K Matanuska Glacier Area	6	10
L Glenn Highway to Glennallen (4 in Glennallen and 8 West of Glennallen)	12	9
M Lake Louise	3	7
N Greater Copper Center	8	8
O Greater Gulkana and Gakona	10	3
P Greater Paxson (Delta Junction to Gulkana)	13	13
Q Chistochina, Slana, Mentasta Lake	2	2
R Greater Big Delta and Delta Junction (Excluding Fort Greely)	9	9
S Greater Tok, Tanacross, Dot Lake	<u>3</u>	<u>3</u>
Glenn, Alaska, and Richardson Highways Subtotal	78	79
Totals for Entire Nontelephone Sample	169	169

*Letters in table correspond to areas shown in Figure 6-1.

In executing their instructions, interviewers frequently observed that key informants could not provide highly reliable information on the distribution of households lacking telephone service. Informants' perceptions simply have not kept pace with the rapid expansion of telephone service and interviewers frequently observed that households identified by informants to be without telephone service had recently obtained such service. The lack of reliable information made it difficult for interviewers to construct sample clusters without actually contacting every household in the area to determine if they should be included in the cluster of households without telephones. In areas where it was possible to form sample clusters, interviewers did so. In other areas, interviewers frequently stopped for local information and selected isolated households found to lack telephone service.

While the approach to sampling households without telephones was not ideal, it capitalized on all available information and included sufficient safeguards to ensure that the sample is broadly representative. Recent expansions in telephone coverage produced an excellent rural telephone sample. The combined telephone and face-to-face rural samples provided a sound basis for developing resource use estimates for rural residents.

6.0 SURVEY ADMINISTRATION

The telephone fieldwork phase of the study took place between February 15, 1985, and April 20, 1985. One-hundred-and-six telephone interviewers were used during the eight-week period of the survey. Interviewers were trained in the objectives of the study, general interviewing techniques, and specific interviewing procedures required to perform this study. Each interviewer performed several practice interviews prior to receiving their first sample assignment. Two supervisors monitored interviewer performance at a centralized interviewing facility and edited interviews as they were completed. Supervisors instructed interviewers to call back respondents for any missing information. In addition, supervisors verified 10 percent of all completed interviews. The overall response rate to the telephone survey was 70 percent.

The face-to-face component of the survey commenced February 27, 1985, and finished April 20, 1985. Interviewers had to first obtain information on the location of households lacking telephone service from key informants and personal observation. Once they developed a general idea of the number and distribution of such households, interviewers used a variety of methods to locate and contact respondents. These methods included travel by train, snow machine, skis, dog sled, and automobile. Some residents of remote areas were interviewed opportunistically as they traveled on or along the Alaska Railroad or in town.

The face-to-face interviewers encountered a higher refusal rate (approximately 20 percent) among the most remote portion of the nontelephone sample (e.g. Peters Creek) than among other populations sampled in the survey. As a result, the number of completed

interviews in the roadless areas accessed from the Parks Highway was lower than expected. However, this problem was alleviated by increasing the size of the remote sample near Talkeetna and by including a sample of Point MacKenzie residents. The interview totals by area appear in Table 5-2 above. Figure 6-1 illustrates the distribution of rural nontelephone completed interviews.

Tables 6-1 through 6-4 display sample sizes for major subpopulations, locations, and activities. Also shown are the maximum estimated standard errors. Standard errors are an expression of the error that results from the fact that survey findings are based on a sample of households rather than on all households. Actual standard errors vary according to the variation in population characteristics and according to the size of the sample. All standard error estimates shown in Tables 6-1 through 6-4 assume maximum variation in responses. The estimates provide a standardized indicator of the relative reliability of information for each major subpopulation/location/activity combination.

Figure 6-1

Susitna Hydroelectric Project
Rural Non-Phone Sampling Areas

● = Single interview

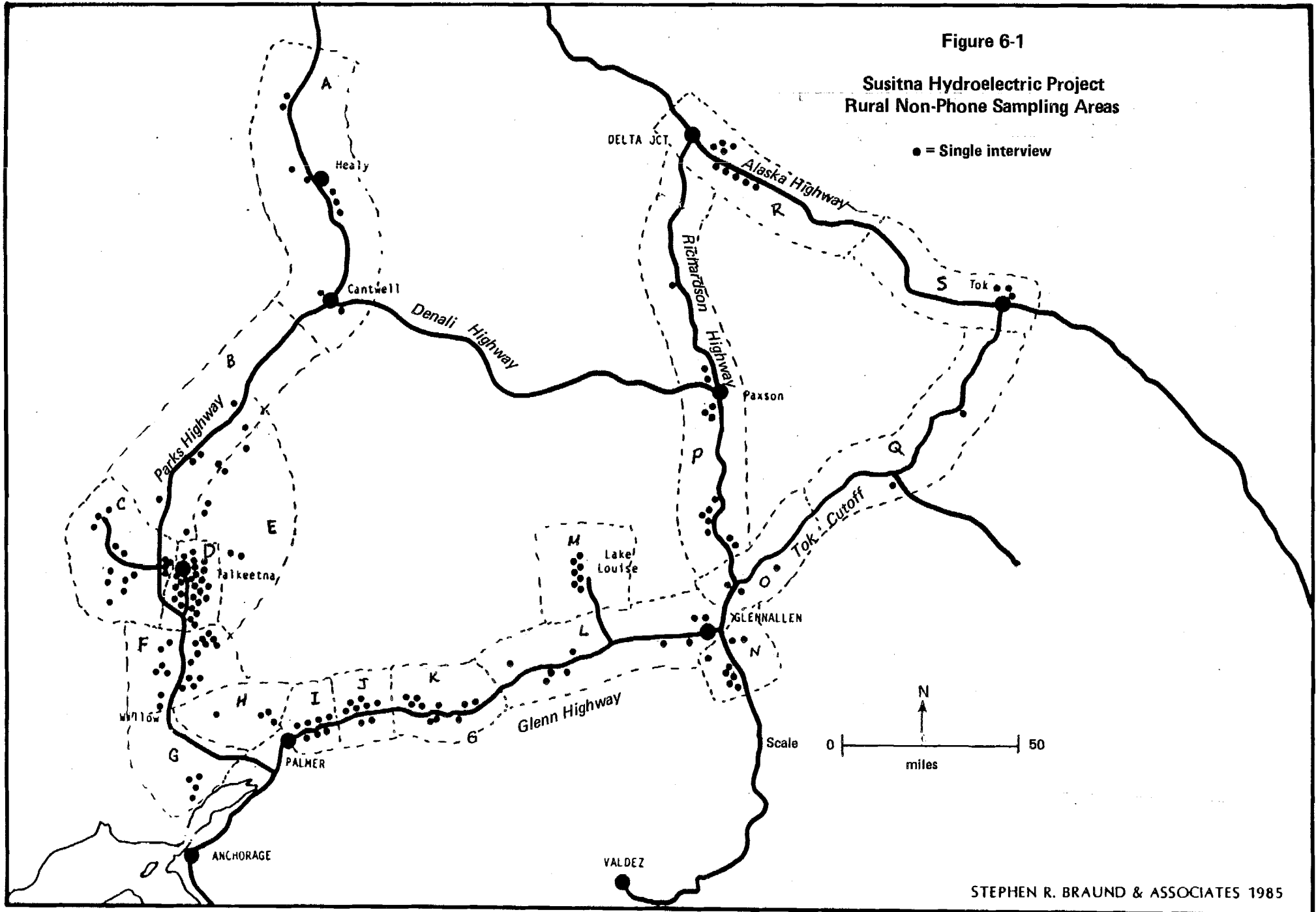


Table 6-1

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERRORS
BY SUBPOPULATION

	HOUSEHOLDS	EFFECTIVE SAMPLE SIZE*	MAXIMUM STANDARD ERROR
ALL HOUSEHOLDS	122753	5016	0.7%
URBAN	106215	2138	1.1%
SMALL TOWN	13878	1993	1.1%
RURAL	2660	885	1.7%

* The effective sample size is the actual sample size
adjusted by the finite population correction factor.

Table 6-2

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERRORS
BY GROUPED ANALYSIS AREAS

	ALL ACTIVITIES		HUNTING	
	Sample Size	Maximum Standard Error	Sample Size	Maximum Standard Error
ALL HOUSEHOLDS				
Study Region Remote **	1,256	1.4%	336	2.7%
Study Region Nonremote	5,492	0.7%	787	1.8%
Elsewhere Remote	260	3.1%	75	5.8%
Elsewhere Non-remote	1,599	1.3%	163	3.9%
URBAN HOUSEHOLDS				
Study Region Remote	422	2.4%	107	4.8%
Study Region Nonremote	2,513	1.0%	297	2.9%
Elsewhere Remote	139	4.2%	30	9.1%
Elsewhere Non-remote	998	1.6%	70	6.0%
SMALL TOWN HOUSEHOLDS				
Study Region Remote	341	2.7%	108	4.8%
Study Region Nonremote	2,339	1.0%	387	2.5%
Elsewhere Remote	94	5.2%	29	9.3%
Elsewhere Non-remote	512	2.2%	58	6.6%
RURAL HOUSEHOLDS				
Study Region Remote	493	2.3%	121	4.5%
Study Region Nonremote	640	2.0%	103	4.9%
Elsewhere Remote	27	9.6%	16	12.5%
Elsewhere Non-remote	89	5.3%	35	8.5%

**Remote refers to areas that cannot be accessed by road.

Table 6-2 (Cont.)

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERRORS
BY GROUPED ANALYSIS AREAS

	FISHING		NONCONSUMPTIVE *	
	Sample Size	Maximum Standard Error	Sample Size	Maximum Standard Error
ALL HOUSEHOLDS				
Study Region Remote **	523	2.2%	397	2.5%
Study Region Nonremote	1,759	1.2%	2,942	0.9%
Elsewhere Remote	77	5.7%	107	4.8%
Elsewhere Non-remote	411	2.5%	1,024	1.6%
URBAN HOUSEHOLDS				
Study Region Remote	216	3.4%	99	5.0%
Study Region Nonremote	783	1.8%	1,433	1.3%
Elsewhere Remote	42	7.7%	67	6.1%
Elsewhere Non-remote	230	3.3%	698	1.9%
SMALL TOWN HOUSEHOLDS				
Study Region Remote	150	4.1%	83	5.5%
Study Region Nonremote	746	1.8%	1,203	1.4%
Elsewhere Remote	33	8.7%	32	8.8%
Elsewhere Non-remote	167	3.9%	287	3.0%
RURAL HOUSEHOLDS				
Study Region Remote	157	4.0%	215	3.4%
Study Region Nonremote	230	3.3%	306	2.9%
Elsewhere Remote	2	35.4%	8	17.7%
Elsewhere Non-remote	14	13.4%	39	8.0%

*Nonconsumptive activities include: use of summer and winter off-road vehicles, skiing, snowshoeing, dogsledding, boating, camping, backpacking, hiking, picnicking, berry picking, photography, and sightseeing.

**Remote refers to areas that cannot be accessed by road.

Table 6-3

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERROR
BY RESOURCE USE
ALL HOUSEHOLD

	REMOTE		NON-REMOTE	
	SAMPLE SIZE	MAXIMUM STANDARD ERROR	SAMPLE SIZE	MAXIMUM STANDARD ERROR
Hunting *	408	2.5%	949	1.6%
Moose Hunting	190	3.6%	424	2.4%
Caribou Hunting	54	6.8%	107	4.8%
Sheep or Goat Hunting	29	9.3%	30	9.1%
Brown Bear Hunting	22	10.7%	21	10.9%
Black Bear Hunting	27	9.6%	61	6.4%
Small Game Hunting	83	5.5%	303	2.9%
Fishing	599	2.0%	2170	1.1%
Salmon Fishing	311	2.8%	1086	1.5%
King Salmon Fishing	123	4.5%	362	2.6%
Silver Salmon Fishing	127	4.4%	432	2.4%
Red Salmon Fishing	36	8.3%	205	3.5%
Other Salmon Fishing	20	11.2%	81	5.6%
Rainbow Trout Fishing	103	4.9%	416	2.5%
Dolly Varden Fishing	24	10.2%	130	4.4%
Lake Trout Fishing	27	9.6%	89	5.3%
Other Trout Fishing	8	17.7%	19	11.5%
Grayling Fishing	28	5.3%	348	2.7%
Bourbot or Cod Fishing	34	8.6%	73	5.9%
Summer off Road	57	6.6%	220	3.4%
Winter Off Road	80	5.6%	248	3.2%
Skiing	69	6.0%	527	2.2%
Motorboating	53	6.9%	477	2.3%
Canoe, Raft, Kayak	15	12.9%	207	3.5%
Other Boating	1	50.0%	31	9.0%
Backpacking	46	7.4%	193	3.6%
Tent Camping	28	9.4%	178	3.7%
Rec Vehicle Camping	2	35.4%	85	5.4%
Other Camping	5	22.4%	14	13.4%
Hiking, Picnicking	75	5.8%	831	1.7%
Sightseeing	75	5.8%	958	1.6%

*A few individuals did not specify which type of hunting and fishing they did. Therefore, the addition of specific activity numbers do not always equal category totals.

Table 6-4

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERROR
BY RESOURCE USE
URBAN HOUSEHOLDS

	REMOTE		NON-REMOTE	
	SAMPLE SIZE	MAXIMUM STANDARD ERROR	SAMPLE SIZE	MAXIMUM STANDARD ERROR
Hunting *	137	0.0%	367	2.6%
Moose Hunting	61	6.4%	161	3.9%
Caribou Hunting	26	9.8%	37	8.2%
Sheep or Goat Hunting	9	16.7%	14	13.4%
Brown Bear Hunting	10	15.8%	11	15.1%
Black Bear Hunting	7	18.9%	20	11.2%
Small Game Hunting	24	10.2%	122	4.5%
Fishing	258	3.1%	1013	1.6%
Salmon Fishing	154	4.0%	531	2.3%
King Salmon Fishing	70	6.0%	186	3.7%
Silver Salmon Fishing	56	6.7%	198	3.6%
Red Salmon Fishing	15	12.9%	105	4.9%
Other Salmon Fishing	8	17.7%	37	8.2%
Rainbow Trout Fishing	42	7.7%	179	3.7%
Dolly Varden Fishing	5	22.4%	54	6.8%
Lake Trout Fishing	14	13.4%	46	7.4%
Other Trout Fishing	2	35.4%	13	13.9%
Grayling Fishing	32	8.8%	148	4.1%
Bourbot or Cod Fishing	6	20.4%	34	8.6%
Summer off Road	20	11.2%	108	4.8%
Winter Off Road	18	11.8%	110	4.8%
Skiing	8	17.7%	295	2.9%
Motorboating	26	9.8%	233	3.3%
Canoe, Raft, Kayak	5	22.4%	105	4.9%
Other Boating	1	50.0%	18	11.8%
Backpacking	11	15.1%	119	4.7%
Tent Camping	13	13.9%	101	5.0%
Rec Vehicle Camping	1	50.0%	51	7.0%
Other Camping	2	35.4%	8	17.7%
Hiking, Picnicking	21	10.9%	453	2.3%
Sightseeing	40	7.9%	536	2.2%

*A few individuals did not specify which type of hunting and fishing they did. Therefore, the addition of specific activity numbers do not always equal category totals.

Table 6-5

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERROR
BY RESOURCE USE
SMALL TOWN HOUSEHOLDS

	REMOTE		NON-REMOTE	
	SAMPLE SIZE	MAXIMUM STANDARD ERROR	SAMPLE SIZE	MAXIMUM STANDARD ERROR
Hunting *	136	4.3%	445	2.4%
Moose Hunting	69	6.0%	213	3.4%
Caribou Hunting	16	12.5%	48	7.2%
Sheep or Goat Hunting	8	17.7%	14	13.4%
Brown Bear Hunting	9	16.7%	7	18.9%
Black Bear Hunting	9	16.7%	36	9.8%
Small Game Hunting	22	10.7%	136	4.3%
Fishing	183	3.7%	913	1.7%
Salmon Fishing	98	0.0%	436	2.4%
King Salmon Fishing	33	8.7%	138	4.3%
Silver Salmon Fishing	48	7.2%	190	3.6%
Red Salmon Fishing	12	14.4%	79	5.6%
Other Salmon Fishing	5	22.4%	28	9.4%
Rainbow Trout Fishing	27	9.6%	196	3.6%
Dolly Varden Fishing	7	18.9%	52	6.9%
Lake Trout Fishing	11	15.1%	35	8.5%
Other Trout Fishing	1	50.0%	6	20.4%
Grayling Fishing	29	9.3%	158	4.0%
Bourbot or Cod Fishing	9	16.7%	29	9.3%
Summer off Road	21	10.9%	96	5.1%
Winter Off Road	25	10.0%	109	4.8%
Skiing	2	35.4%	196	3.6%
Motorboating	15	12.9%	185	3.7%
Canoe, Raft, Kayak	4	25.0%	77	5.7%
Other Boating	0	0.0%	10	15.8%
Backpacking	7	18.9%	65	6.2%
Tent Camping	11	15.1%	63	6.3%
Rec Vehicle Camping	0	0.0%	25	10.0%
Other Camping	0	0.0%	4	25.0%
Hiking, Picnicking	15	12.9%	297	2.9%
Sightseeing	16	12.5%	366	2.6%

*A few individuals did not specify which type of hunting and fishing they did. Therefore, the addition of specific activity numbers do not always equal category totals.

Table 6-6

Susitna Hydroelectric Project

ESTIMATED SAMPLING ERROR
BY RESOURCE USE
RURAL HOUSEHOLDS

	REMOTE		NON-REMOTE	
	SAMPLE SIZE	MAXIMUM STANDARD ERROR	SAMPLE SIZE	MAXIMUM STANDARD ERROR
Hunting *	135	4.3%	137	4.3%
Moose Hunting	60	6.5%	50	7.1%
Caribou Hunting	12	14.4%	22	10.7%
Sheep or Goat Hunting	12	14.4%	2	35.4%
Brown Bear Hunting	3	28.9%	3	28.9%
Black Bear Hunting	11	15.1%	15	12.9%
Small Game Hunting	37	8.2%	45	7.5%
Fishing	158	4.0%	244	3.2%
Salmon Fishing	59	6.5%	119	4.6%
King Salmon Fishing	20	11.2%	38	8.1%
Silver Salmon Fishing	23	10.4%	44	7.5%
Red Salmon Fishing	9	16.7%	21	10.9%
Other Salmon Fishing	7	18.9%	16	12.5%
Rainbow Trout Fishing	34	8.6%	41	7.8%
Dolly Varden Fishing	12	14.4%	24	10.2%
Lake Trout Fishing	2	35.4%	8	17.7%
Other Trout Fishing	5	22.4%	0	0.0%
Grayling Fishing	27	9.6%	42	7.7%
Bourbot or Cod Fishing	19	11.5%	10	15.8%
Summer off Road	16	12.5%	16	12.5%
Winter Off Road	37	8.2%	29	9.3%
Skiing	59	6.5%	36	8.3%
Motorboating	12	14.4%	59	6.5%
Canoe, Raft, Kayak	6	20.4%	25	10.0%
Other Boating	0	0.0%	3	28.9%
Backpacking	28	9.4%	15	12.9%
Tent Camping	4	25.0%	14	13.4%
Rec Vehicle Camping	1	50.0%	9	16.7%
Other Camping	3	28.9%	2	35.4%
Hiking, Picnicking	39	8.0%	81	5.6%
Sightseeing	19	11.5%	56	6.7%

*A few individuals did not specify which type of hunting and fishing they did. Therefore, the addition of specific activity numbers do not always equal category totals.

7.0 QUESTIONNAIRE DESIGN

Each interview was divided into three major sections. The first section ascertained household resource use by type of use and by location of use. The second section obtained information on two selected resource use experiences. The third section determined household characteristics relevant to resource use. The complete questionnaire is reproduced in reduced form in Exhibit A. The actual process of designing the questionnaire involved the preparation of a final study design; a review of this design by Harza-Ebasco Susitna Joint Venture (Harza-Ebasco), ADF&G Su-Hydro, ADF&G, and the Power Authority; the preparation of a draft questionnaire; a review of the questionnaire by the ADF&G, ADF&G Su-Hydro, U.S. Fish and Wildlife Service, Harza-Ebasco, and the Power Authority; and pretests, followed by questionnaire revisions. The pretests involved both interviews with key informants selected for their different patterns of resource use and telephone interviews with a random sample of Eagle River residents. Approximately 50 pretests were completed.

7.1 CATEGORIES OF RESOURCE USE

The categories of resource use covered by the survey were first identified from personal experience by Jim Hemming and by reviewing relevant references concerning resource use in the region defined by the Denali, Richardson, Glenn, and Parks highways (ADF&G 1983; Stratton 1982, 1983, 1984; Stratton and Georgette 1984; Mills 1984; Jubenville 1985). This set was reviewed by ADF&G, ADF&G Su-Hydro, and Harza-Ebasco, and was subsequently modified to form the following list of resource uses:

Hunting: moose, caribou, sheep, goat, brown bear, black bear, ptarmigan and grouse, waterfowl, snowshoe hare, and fur-bearer hunting or trapping.

Fishing: king salmon, coho salmon, sockeye salmon, chum salmon, pink salmon, rainbow trout, Dolly Varden, lake trout, greyling, and burbot.

Other Resource Uses: summer off-road vehicle use, winter off-road vehicle use, cross-country skiing, snowshoeing, dog sledding, wildlife and scenic photography, motorboating, kayaking, canoeing, rafting, backpacking, tent camping, recreational vehicle camping, day hiking, picnicking, berry picking, and sightseeing.

The first pretests of the questionnaire included all of the above categories as separate resource uses; the interview length was found to be excessive. To reduce the length of the interview, coho, sockeye, chum, and pink salmon were grouped into the single category "other salmon"; rainbow, dolly varden, and lake trout were grouped into the single category "trout"; motorboating, kayaking, canoeing, and rafting were grouped into the single category "boating"; and backpacking, tent camping, and recreational vehicle camping were grouped into the single category "backpacking or tent or recreational vehicle camping"; day hiking, picnicking, and berry picking were grouped into the single category "day hiking, picnicking, or berry picking"; and skiing, snowshoeing, and dog sledding were grouped into a single category.

If one of the first four activity groups (i.e. salmon other than king salmon, trout, boating, or camping) was randomly selected for more detailed questioning, respondents were asked which specific activity with the activity group they had done. For example, if "salmon other than king salmon" was selected, the respondent was asked to identify whether the last trip was for coho, sockeye, pink, or chum salmon.

The above groupings reflected the researchers' best judgment concerning the tradeoff between specificity and interview complexity

and length. It is important to recognize that the above categories were not intended to be mutually exclusive since a single resource use experience may combine two or more activities. All participation was recorded without distinguishing between primary and incidental activities. In general, however, respondents appeared to report primary activities.

7.2 TIME PERIOD COVERED BY SURVEY

Given the seasonal nature of many resource use activities, the shortest logical time period to be covered by the survey was twelve months. The original research design provided for the collection of information pertaining to both the most recent year and a specific, longer time period in order to increase the number of resource users identified. Pretesting of question formats indicated that the best approach was to adopt an unlimited time period and to ask the respondent to identify the last year that a member of the household engaged in a given activity. This combination yielded comprehensive information concerning annual and maximum participation rates (i.e., ever engaged in a given resource use activity).

After respondents indicated the last year that anyone in their household had engaged in each resource use activity, regardless of time or place, interviewers described the study region and determined which activities occurred within the study region. Any activities occurring within the study region were then further defined in terms of their location in one of the 14 analysis areas. In cases of multiple trips within the study region for any given resource use, interviewers ascertained the primary use area on the last trip.

Once respondents had indicated the last year that someone in their household engaged in a given resource activity in the study region, interviewers asked them to indicate the last year and last location for the same activity outside the study region. In cases of

multiple trips outside the study region for any given resource use, again interviewers ascertained the primary use area on the last trip. Thus, reported use levels refer only to the last trip and underestimate total use in any given time period to the extent that multiple trips to different locations occurred.

7.3 SELECTED RESOURCE USE EXPERIENCES

Collection of information concerning the characteristics of the area in which a resource use occurred and the activity itself was necessary to estimate the value of the use to the user. Section two of the interview obtained information about two selected resource use experiences (see Table 7-1).

Ideally, it would have been preferable to obtain detailed information for each resource use mentioned by the respondent. This was clearly impossible given the technical constraints associated with a personal interview. To maximize the amount of information obtained about diverse forms of resource use, up to two separate resource use experiences were selected for detailed questioning. To maximize the amount of information obtained concerning the study region, uses occurring in the study region were selected first. If no mentioned activities occurred in the study region, uses occurring elsewhere were selected. Computer-generated random numbers were used to select activities.

7.4 COMPARISON OF USER CHARACTERISTICS

Collection of information concerning the characteristics of the household was important for estimating values attached to resource uses. The information collected is shown in Table 7-2.

TABLE 7-1
SUSITNA HYDROELECTRIC PROJECT
INFORMATION OBTAINED ABOUT
SELECTED RESOURCE USE EXPERIENCES

- Total times engaged in activity in same area
- Total times engaged in activity in study region (if applicable)
- Total times engaged in activity in same year as last engagement
- Mode of access used to get to final destination (off-road vehicle, highway vehicle, boat, air charter, horse, or extended hike)
- Number of household members participating
- Total number of persons in party
- Total travel time from residence to final destination
- Total days during which activity took place (including travel)
- Expenses incurred
- Amount of money willing to pay before household would reduce frequency of participation
- Perceived characteristics of resource use area:
 - ease of getting into area
 - familiarity with area
 - beauty of area
 - lack of crowding in area
 - ease of getting around in area
 - chance of getting desired experience in area
 - cost of activity in area
 - quality of places to stay or camp in in area
 - family tradition of doing activity in area
 - overall appeal of area
- Perceived qualities of best other area for same activity
- Ownership of land in area

TABLE 7-2
SUSTINA HYDROELECTRIC PROJECT
INFORMATION OBTAINED ON
CHARACTERISTICS OF RESOURCE USERS

- Consumption of wild meat and fish as a percent of all meat consumed
- Reasons for living in community
 - opportunity to get a job
 - long-term economic opportunity
 - chance to get away from urban problems
 - challenging or exciting job
 - being close to a wilderness environment
 - opportunity to earn a high income
 - chance to be self-reliant
 - being part of a small community
 - nearby hunting and fishing
 - nearby outdoor recreation opportunities
- Education of respondent
- Number of wage earners in household
- Total number of months household members employed
- Household income

8.0 ANALYSIS DESIGN

As stated earlier, this study has four major objectives. These are to (1) estimate the number and percentage of study area households engaging in resource use activities in the study region; (2) estimate the dollar value of locations for resource use activities; (3) compare the attributes of alternative locations for pursuing the same activity; and (4) compare and contrast the economic circumstances of urban, small town, and rural resource users as a means of estimating the relative value of resource use activities.

8.1 LEVELS OF RESOURCE USE

Two tables were constructed for each of the 21 categories of resource use covered in the first section of the questionnaire. The first table contains estimates of the percentage of households engaging in each activity within each analysis area. The second table contains estimates of the absolute number of households engaging in each activity. A description of the rows and columns of the 42 tables appears in Table 8.1.

Instead of producing point estimates of the percentage or absolute number of households engaging in each activity, range estimates were produced based on 95 percent confidence intervals. The best point estimate in each case is the midpoint of the reported range.

8.2 ESTIMATED DOLLAR VALUE OF RESOURCE USE ACTIVITIES

Recreational and personal uses of natural resources in the study region produce economic returns to the regional and state economy and produce personal benefits to resource users. This study focused on the value of locations for various resource uses. Resource users

TABLE 8.1
 SUSITNA HYDROELECTRIC PROJECT
 REPORTING CATEGORIES FOR LEVELS OF RESOURCE USE

<u>COLUMN</u>	<u>TIME PERIOD COVERED</u>	<u>TARGET POPULATION</u>
1	ever	all households
2	1980-85	all households
3	1984	all households
4	ever	urban households
5	1980-85	urban households
6	1984	urban households
7	ever	small town households
8	1980-85	small town households
9	1984	small town households
10	ever	rural households
11	1980-85	rural households
12	1984	rural households

<u>ROW</u>	<u>GEOGRAPHIC LOCATION</u>
1	Anywhere in or out of Alaska
2	Anywhere in Alaska
3	Within the study region
4	Within Analysis Area One
5	Within Analysis Area Two
.	.
.	.
17	Within Analysis Area 14
18	Within area 10 miles north of Denali Highway
19	Within Anchorage/Chugach Mountain area
20	On Kenai Peninsula
21	Within Copper River/Wrangell/Valdez area
22	In Southeast Alaska
23	Elsewhere in Alaska
24	Outside of Alaska

often expend significant amounts of money to reach the locations where they pursue their recreation and personal use activities, and these expenditures reflect a lower bound on the value they attach to these locations. Travel expenditures do not reflect the total value of a location for resource use, however. Information on the value of travel time and on perceived willingness to pay additional money to engage in an activity at the chosen location was used in addition to travel costs in order to approximate the total value of locations for resource uses. Even these estimates do not reflect the value to rural residents of having nearby locations for resource uses. The economic circumstances of rural, small town, and urban residents were, therefore, compared as a means of indicating the extent to which rural residents have foregone income in order to live nearby resource use opportunities.

The first analysis step was to estimate the minimum value of a single engagement in a given resource use or in a given geographic area. Respondents were asked to report their total expenses getting to the site where they began their last engagement in each activity. These "out-of-pocket" travel costs constitute a minimum estimate of the value a household placed on a particular geographic area for a particular type of activity.

To avoid losing large numbers of observations due to the cumulative effect missing data, individual missing values were assumed to equal the mean or median, as appropriate, of the particular population subgroup/activity combination applying to the variable. A comparison of results with and without the allocation of missing data indicated that the procedure was valid (i.e., the results were very similar).

Money is not the only resource expended when a trip is made to a recreation site; time is also used. This time has value because it can be used in other ways. An intermediate indicator of the value

of locations for resource uses was estimated by combining the minimum value estimate described above with an estimate of the value of time spent by the household traveling to the site where they began the activity. Households are likely to travel longer periods of time to reach more attractive sites. There are probably few instances in which a household actually foregoes income (e.g., a wage-earner takes leave without pay) in order to take the time necessary to travel to a site. In these instances, the foregone income is actually part of the cost of engaging in an activity at a particular site. Even time that is not normally work time has value, however. Time can be used to do other activities or to go to other recreation sites.

The use of travel time to estimate the value of a location for resource use does not work as well for rural residents as it does for urban residents. Many rural residents have made a one-time location decision to live near favorable locations for resource use. The value of these locations is indirectly reflected in the increased time they spend commuting to work or in the decreased income they earn. The final chapter in this report presents data which relates the value of resource use locations to differences in economic circumstances resulting in part from residence location decisions.

The best estimate of the value of the time spent traveling to a site is derived from the average household wage. Time value was estimated by multiplying round-trip travel time by the number of wage earners estimated to be in the travel party by the estimated average hourly wage for the household by 0.33. The household wage was estimated by dividing reported household income by the estimated number of hours worked by all household members. One-third of the household wage rate was used rather than the entire household wage rate because household members could not generally find additional

work at their current wage rate. The one-third fraction is commonly used in recreation and transportation economic studies (Cesario 1976), but it has no particular theoretical significance.

The intermediate value estimate described above probably underestimates the value of a single resource use engagement if the time spent on the activity is constrained by competing time demands on the resource user or limits on the availability of the resource. That is, many resource users would probably spend more time and money to engage in a given activity at a given location if it were necessary to do so. It is easiest to conceive of this value as the admission fee that resource users would pay to use the site. It is necessary to infer the maximum amount users would pay from survey responses since no entrance fee is actually charged.

Analysis of responses to reported willingness to pay indicated that respondents generally did not interpret the question to mean the amount they would pay before they reduced the frequency of engagements by one; rather, response patterns showed that the figure given more closely approximated the amount respondents would pay to do an activity at all at a given location. The willingness to pay for the last trip was thus estimated by dividing the reported willingness to pay by the number of engagements reported for a given activity/location combination. This figure was added to the intermediate value described above to calculate a maximum value for a single trip. As stated earlier, the maximum dollar value estimate may still underestimate the total value of a location for a resource use for rural residents who have chosen to live near resources even though there are fewer economic opportunities in rural areas.

Low, medium, and high estimates of the mean value of single resource use engagements can be compared across locations as an indication of the relative quality of a particular type of resource use among urban, small town, and rural resource users. To compare the value

of different types of resource uses, however, an additional analytical step was necessary. Households tend to engage in some types of resource uses multiple times during a year and to engage in other types of resource uses only once a year. A comparison of single engagement values across resource uses would therefore underestimate the relative value of resource uses that are commonly pursued multiple times. The value of all engagements specific to a single activity and a single location was calculated by multiplying the mean value for a single engagement times the reported number of engagements.

Mean value estimates for single resource use engagements also do not take into account variations in the number of resource users across locations. Estimates of the aggregate value of each resource activity in each analysis area was therefore calculated by multiplying the mean value estimate for a single resource use engagement times the number of engagements per household times the estimated total number of resource users.

The dollar value analysis objectives would have been best met if it were possible to report resource value information by detailed activity, geographic location, and user group. Counting the 21 detailed activities, the 21 detailed geographic locations, and the 3 user groups, this ideal approach would have yielded 1,764 sets of resource value information. Each set would have consisted of a low, intermediate, and high value estimate. Aside from the problem of information overload, this approach was impractical because there was insufficient information to provide reliable estimates at such a detailed level. Given the primary analysis objective of estimating the value of resource use for areas likely to be directly affected by the Susitna Project, mean and aggregate dollar value estimates were calculated for six location groupings:

- The potential inundation zone, Area 10
- The areas likely to receive improved access, Areas 11 and 12
- All other remote areas of the study region
- Nonremote areas of the study region
- All other remote areas
- All other nonremote areas

Mean dollar value estimates for Area 10 and for Areas 11 and 12 were not based on the geographic location of the activity but rather on the mode of access used throughout the study area. Resource use activities were treated as remote if the final mode of transportation used to get to the activity location was either airplane, boat, off-road vehicle, horse, or--if a rural household--walking. All other activities were treated as nonremote (except in the Big Lake Area 14, in which all modes of access were treated as nonremote activities). The same categorization system was used for activities taking place outside the study region. The estimates for Area 10 and for Areas 11 and 12 are, therefore, equivalent to the mean dollar value estimate for other remote areas of the study region.

The reason mode of access was used to define remote area activities rather than geography was that the number of reported activities in Areas 10, 11, and 12 was insufficient to provide a reliable basis for computing mean dollar estimates. Since these areas cannot be accessed by road, the best alternative data base was the set of activities in which the mode of access included airplane, boat, off-road vehicle, horse, or--if a rural household--walking. The choice of this analysis approach was based on the assumption that mode of access accounts for most of the differences in the value of activities in remote areas such as Areas 10, 11, and 12 and the value of activities pursued in nonremote areas of the study region.

Mean dollar values for remote and nonremote areas outside the study region were also calculated on the basis of the mode of access used.

Mean and aggregate dollar estimates were produced for the study area population as a whole for the following groupings of resource use activities: all activities combined, all hunting activities, all fishing activities, and all nonconsumptive activities. Comparable estimates were produced for urban, small town, and rural subpopulations.

To provide a more detailed description of the dollar values associated with the 21 specific resource uses covered by the survey, the location groupings were collapsed to compare resource values in the following groups:

- Remote areas of the study region
- Nonremote areas of the study region
- Other remote areas
- Other nonremote areas

Activities were classified as either remote or nonremote by mode of access used, as described earlier. Mean dollar values for single engagements were calculated for urban, small town, and rural populations as well as for the study area population as a whole. In this case, it was not possible to produce aggregate value estimates because estimates of resource use levels could not be calculated for the location groupings as defined above. The question on mode of access was asked only about two reported activities, and the subset of these activities occurring outside the study region cannot be considered a random sample of non-Susitna activities. Susitna activities were selected preferentially for detailed questioning, and households engaging in activities both in and out of the study region may differ in the remote/nonremote distribution of their

activities from households which only engage in activities outside the study region. However, it was possible to multiply mean dollar values for single engagements by the reported number of engagements and thereby produce a set of mean dollar values for all trips to a location for a given activity.

8.3 ESTIMATION OF RELATIVE VALUE OF RESOURCE USES

Estimation of the dollar value of resource use activities is necessary if the value of different resource uses are to be compared. The approach used in this study to estimate dollar values of resource use activities does not, however, explain why one particular activity/location combination is valued more than another. If the reasons for relative attractiveness were understood, the likelihood of protecting the overall attractiveness of a location for a particular activity would be significantly increased. Steps can be taken to protect and enhance resource values. If lack of crowding is a particularly important component of the value attached to the use of a given area, for example, it can be expected that improved access and subsequent increases in resource use may significantly lower the quality of an area for current resource users.

To provide an indication of the attributes contributing to overall activity/location attractiveness, respondents were asked to rate the quality of ten specific area attributes and the quality of the area overall as a location for the reported activity. These specific attributes included:

- Ease of getting into the area
- Familiarity with the area
- Beauty of the area
- Lack of crowding in the area
- Ease of getting around in the area

- Chance of getting what you wanted in the area
- Cost of this activity in the area
- Quality of places to stay or camp in the area
- Chance of being close to nature in the area
- Family tradition of doing the activity in the area

Mean ratings of each of the ten specific area attributes and a mean rating for the overall assessment of area quality were calculated for four activity groupings, four population groupings, and four location groupings. Thus, 64 sets of 11 means were calculated. The activity, population, and location groupings are shown in Table 8-2.

This combination of activities, population groups, and locations provided data of acceptable reliability and still permitted a comparison of the mean values of all attributes in areas sharing the same access characteristics as the potential inundation zone with remote areas outside the study region and with nonremote areas.

The comparison of mean values described above provides a perspective on the relative attractiveness of different areas if one assumes that the values do not vary among individuals in the same population subgroup. It was also possible to compare the relative value of a particular activity/location combination with the best substitute location for an activity on an individual basis. Respondents were asked not only to rate the ten specific area attributes for the location they used, they were also asked to make the same evaluations for the best other area in which they could pursue the same activity. Each attribute rating for the best other area was subtracted from the comparable rating for the area actually used to provide a set of relative comparisons on an individual basis. Mean difference ratings were calculated for the same activity, population, and location groupings shown for the mean value ratings in Table 8-2.

TABLE 8-2
SUSITNA HYDROELECTRIC PROJECT
ACTIVITY, POPULATION, AND LOCATION
GROUPINGS FOR RELATIVE VALUE ANALYSIS

Activity Groupings for Relative Value Analysis

- All activities
- Hunting activities
- Fishing activities
- Nonconsumptive activities

Population Groupings for Relative Value Analysis

- Study area population as a whole
- Urban population
- Small town population
- Rural population

Location Groupings for Relative Value Analysis

- Study region remote
- Study region nonremote
- Other remote
- Other nonremote

8.4 COMPARISON OF USER CHARACTERISTICS

Rural residents who spend less to engage in an activity because they live closer to the resource are likely to be shown in the dollar value analysis to attach a lower value to a particular activity/location combination than urban residents. Taken out of context, this comparison is misleading. First, rural residents may spend less in absolute dollars, but may spend a larger proportion of their income engaging in an activity. Second, many rural residents may have forgone the opportunity to maximize their income or receive other benefits associated with living in urban areas in order to live closer to fish and wildlife resources. It is therefore important to compare the economic circumstances of urban, small town, and rural residents. Table 8-3 displays the characteristics compared among urban, small town, and rural resource users.

The primary objective of the user characteristics analysis was to determine the extent to which the dollar value analysis results underestimated the value of rural resident resource uses. The most appropriate comparison groups for this analysis were urban, small town, and rural residents who either hunt or fish since the value of hunting and fishing products to households can be expected to vary in direct relationship to a household's ability to purchase food. Therefore, all comparisons were made among households which reported engaging in hunting or fishing activities.

TABLE 8-3
SUSITNA HYDROELECTRIC PROJECT
URBAN, SMALL TOWN, AND RURAL
ECONOMIC CHARACTERISTICS

- Education
- Months worked per adult in household
- Income
- Proportion of food derived from hunting and fishing
- Perceived importance of living in community with regard to:
 - opportunity to get a job
 - long-term economic opportunity
 - challenging or exciting job
 - opportunity to earn a high income

 - nearby hunting and fishing
 - chance to be self-reliant
 - being close to a wilderness environment

 - nearby outdoor recreation opportunities
 - chance to get away from urban problems
 - being part of a small community
 - being near friends

9.0 LEVELS OF RESOURCE USE

9.1 INTRODUCTION

One of the primary objective of this study was to produce estimates of the number of urban, small town, and rural residents who use resources that might be affected by the Susitna Project. As described earlier, a random sample of 4,545 study area residents provided the information necessary to produce resource use estimates. This chapter is intended to introduce the reader to the detailed resource use estimates contained in Exhibit B. The chapter begins by describing the characteristics of the data, including its limitations. The remainder of the chapter summarizes the results.

Sample survey data such as that used to derive the resource use estimates reported in this study are subject to both sampling error and measurement error. Resource use estimates are reported as a range rather than a point estimate so that the reader can readily see the size of the potential sampling error. A range of 450 to 550, for example, means that the estimated sampling error for the particular resource use estimate is plus or minus 50.

It is much more difficult to estimate the size of the measurement error. Measurement error can result from mistakes made by the respondent in reporting their activities, mistakes made by the interviewer in recording responses, and errors or omissions in the questionnaire. Measurement errors are virtually impossible to completely eliminate but can be limited to a small percentage of responses with the application of standard survey procedures.

While measurement errors are often ignored, it is important in this case for the reader to be aware of the potential effects of measurement errors on the resource use estimates. Given the overall

purpose of the study, resource use estimates for the potential inundation area (Area 10) the areas that would be opened up to road access (Areas 11 and 12), and the area most likely to experience downstream effects (Area 1) are of particular interest. Areas 10, 11 and 12 currently experience relatively low levels of resource use. Even a sample of 4,545 respondents would not be expected to contain more than a few people who live in households that have visited these remote areas of the study region.

At the same time, most of these 4,545 respondents can be expected to report resource use activities in other areas. If even a small proportion of these reported activities are miscoded into a remote area, the resource use estimate for that remote area can be significantly inflated. To minimize this problem, a comprehensive list of some geographic features was used to locate each reported resource use activity within one of the fourteen analysis areas described earlier. Many commonly-used rivers and streams crossed through several analysis areas, however, and interviewers sometimes found it difficult to locate the activity within a single analysis area. As a result, some miscoding of resource uses undoubtedly occurred. Assuming that the miscoded number is equally likely to be an area used rarely as an area used frequently, the impact of miscoding will be greatest in the analysis areas in which the least actual activity occurs. The reader should, therefore, keep in mind that the resource use estimates for remote areas are likely to exceed actual levels of resource use.

Three ranges of resource use estimates are given for each type of resource use for urban, small town, and rural residents as well as for the study area population as a whole. The three ranges are labeled "ever," "1980-1985," and "1984." The estimates reported under each of the three ranges do not refer to the total number or percentage of households that have engaged in an activity for a given location but rather to a subset of that total. Respondents

were not asked to report every location at which they did each resource use activity each year. Rather, they were asked to report the last location at which they did each resource use activity in the last year they did the activity (1) in the study region and (2) outside the study region.

If one or more members of a given household pursued the same activity in three different locations in the last year, only the location of the last engagement contributes to the reported resource use estimate. Similarly, if one or more members of a household pursue a given activity every year, only the location of the most recent year's engagement contributes to the reported resource use estimates. The ranges, therefore, always refer to an aggregation of the number or percentage of household reports on the last time an activity was pursued.

While it may at first appear as if it would have been preferable to collect information on all locations where each activity was pursued, such an approach would have been impossible. Respondents could not be expected to report all locations, particularly for multiple years. It was necessary to capture resource uses in multiple years in order to expand the sample of resource users to a size sufficient for the value analysis.

The implication of the resource use reporting method used in this study is that the reported resource use estimates underestimate total resource use in specific locations, but not as a whole. The extent of underestimation depends on the frequency of resource use within individual households and the diversity of locations used for the same resource use activity, again within individual households.

The extent of underestimation is clearly less for shorter time periods since there is less opportunity for multiple engagements at different locations. Thus, the most restrictive time period

reported, 1984, should be considered the closest estimate to that which corresponds to total resource use at specific locations. Activities that are commonly pursued several times each year, however, still would be underestimated for specific locations used early in the year.

The distribution of some resource uses in 1984 may not be reliable indicators of the distribution of resource use over longer time periods since wildlife population fluctuations, changing regulations, and short-term weather conditions can be expected to influence the pattern of resource use. Range estimates for longer periods of time accurately identify the total number of households engaging in specific resource uses but underestimate total use of specific areas since the last location reported for a given activity cannot be assumed to be the only location used by a household for that activity.

In general, however, range estimates for both shorter and longer periods reliably indicate the relative distribution of resource use between remote areas and areas accessible by road. It is this distinction that is most important to make in the present study as the Susitna Project would provide road access into previously remote areas.

The final point to keep in mind is that the 1984 range estimates actually are constructed from reported activities through April 1985. Respondents were asked to report the last year a member of their household pursued an activity, and in some cases the year mentioned was 1985. While this approach probably slightly overestimates winter resource uses, it was judged to be preferable to the alternative of excluding households which reported activity in 1985 and, therefore, did not report whether or not they engaged in the same activity in 1984.

9.2 SUMMARY OF RESOURCE USE ESTIMATES

Exhibit B contains the 42 resource use tables that constitute the primary product of this research. The basic question they are intended to answer is how much resource use occurs in the areas likely to be affected by the Susitna Project. Table 9-1 presents a summary of the distribution of resource uses among all households in the study area. The Susitna Project's inundation zone is closely represented by Area 10. Table 9-1 shows that 0.3 percent of all resource use in 1984 occurred in Area 10. Based on maximum estimated sampling errors, less than 1,000 households engaged in any resource use activity in Area 10 in 1984. Considering all resource use activities together, Area 10 therefore receives a negligible proportion of total resource use. This conclusion holds for rural, small town, and urban residents.

The plan of proposed Project access (Federal Energy Regulatory Commission 1984) calls for a road to be constructed from the Denali Highway south to the Watana Dam and a road to be constructed from the Watana Dam west to the Devil Canyon Dam. Assuming that these roads would be open to the public following construction, resource use in areas south of the Denali Highway could significantly expand. Opening the access roads would increase use of the areas by small town and urban residents. This increased use could place current rural users of the areas at a competitive disadvantage. It is therefore important to examine existing levels of rural resource use in the areas subject to improved access. These areas are best represented by study analysis Areas 11 and 12. Table 9-1 shows that 2.2 percent of all rural resource uses occurred in Areas 11 and 12 in 1984.

Less than 200 rural households engaged in any resource use activity in Areas 11 and 12 in 1984. (The best estimate is 88 rural households.) Improved access does not, therefore, appear to pose a potential problem for rural resource users as a group. This is not

to say that some of the 200 individual rural resource users of Areas 11 and 12 may not have faced increased competition for resources as a result of improved access to Areas 11 and 12.

The finding of low resource use levels in Area 10 and in Areas 11 and 12 for resource uses in general also holds for hunting, fishing, and nonconsumptive uses individually. Referring again to Table 9-1, the percentage of all hunting resource uses located in either Area 10 or in Areas 11 and 12 are below 2 percent among urban, small town, and rural households. The same is true for fishing and nonconsumptive activities. Table 9-1 does not present comparable data by individual activity, but a review of the detailed tables in Exhibit B clearly shows that the pattern of extremely low use levels in Areas 10, 11 and 12 holds for all individual activities and for rural, small town, and urban population subgroups as well as for the population as a whole.

Another area of concern is the Susitna River reach between Devil's Canyon and the confluence of the Susitna and Chulitna Rivers near Talkeetna (within Area 1). Changes in water flow, temperature, and turbidity regimes could affect salmon stocks. An estimated 1,800 study area households fish for salmon in Area 1 annually. The 1,800 households account for approximately 2.5 percent of all study area households annually involved in recreational or personal use of salmon.

The survey sample of 4,545 study area residents did not include anyone who used the Susitna River within the potential inundation zone for kayaking or any other form of boating the last time they went boating in 1984. It is entirely possible that none of the small number of individuals who went boating in Area 10 in 1984 fell into the survey sample (the probability of no Area 10 boaters falling into the survey is 0.46 if 20 individuals used Area 10 for

TABLE 9-1
SUSITNA HYDROELECTRIC PROJECT
HOUSEHOLDS USING KEY AREAS
IN 1984

	<u>Urban</u>		<u>Small Town</u>		<u>Rural</u>		<u>Total</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
<u>Total</u>								
Area 10	531	0.3	69	0.3	19	0.5	619	0.3
Areas 11, 12	1,381	0.8	208	1.0	88	2.2	1,677	0.9
Remainder study region	72,120	42.3	10,631	50.5	2,168	53.7	84,919	43.4
Elsewhere—remote	13,487	7.9	1,420	6.7	246	6.1	15,153	7.8
Elsewhere—nonremote	82,850	48.7	8,725	41.5	1,512	37.5	93,087	47.6
<u>TOTAL</u>	<u>170,369</u>	<u>100.0</u>	<u>21,053</u>	<u>100.0</u>	<u>4,033</u>	<u>100.0</u>	<u>195,455</u>	<u>100.0</u>
<u>Hunting</u>								
Area 10	212	0.4	14	0.2	5	0.2	231	0.3
Areas 11, 12	319	0.6	97	1.0	42	1.8	458	0.7
Remainder study region	23,686	43.1	5,371	57.5	1,373	60.3	30,430	45.7
Elsewhere—remote	4,297	7.8	540	5.8	120	5.3	4,957	7.5
Elsewhere—nonremote	26,399	48.1	3,318	35.5	739	32.4	30,456	45.8
<u>TOTAL</u>	<u>54,913</u>	<u>100.0</u>	<u>9,340</u>	<u>100.0</u>	<u>2,279</u>	<u>100.0</u>	<u>66,532</u>	<u>100.0</u>
<u>Fishing</u>								
Area 10	212	0.2	28	0.2	3	0.1	243	0.2
Areas 11, 12	531	0.5	42	0.3	21	0.8	594	0.5
Remainder study region	44,292	41.6	7,716	55.1	1,713	61.7	53,721	43.6
Elsewhere—remote	8,610	8.1	870	6.2	146	5.2	9,626	7.8
Elsewhere—nonremote	52,889	49.6	5,347	38.2	894	32.2	59,130	47.9
<u>TOTAL</u>	<u>106,534</u>	<u>100.0</u>	<u>14,003</u>	<u>100.0</u>	<u>2,777</u>	<u>100.0</u>	<u>123,314</u>	<u>100.0</u>
<u>Nonconsumptive</u>								
Area 10	212	0.1	14	0.1	13	0.4	239	0.1
Areas 11, 12	850	0.5	83	0.4	37	1.0	970	0.6
Remainder study region	63,729	40.5	9,840	51.6	2,096	57.2	75,665	42.0
Elsewhere—remote	12,982	8.3	1,278	6.7	212	5.8	14,472	8.0
Elsewhere—nonremote	79,744	50.6	7,853	41.2	1,306	35.6	88,903	49.3
<u>TOTAL</u>	<u>157,517</u>	<u>100.0</u>	<u>19,068</u>	<u>100.0</u>	<u>3,664</u>	<u>100.0</u>	<u>180,249</u>	<u>100.0</u>

their last boating experience in 1984). The survey results should not, therefore, be used to estimate levels of use of this special, but extremely small, subpopulation.

The survey results indicate that neither portions of Area 10 nor improved access to Areas 11 or 12 would directly affect the resource use activities of more than 2 percent of all study area households, or more than 4 percent of all rural households who currently use these areas. The next chapter of this report examines the dollar value of resource activities of these areas in the context of the dollar values of resource activities pursued elsewhere in the state.

10.0 DOLLAR VALUE OF RESOURCE USES

10.1 INTRODUCTION

The estimation of dollar values for resource use activities takes into account the number of resource users in different areas and the quality of these different resource use areas. The dollar value estimates are restricted to a single year's worth of household resource uses and, therefore, do not indicate the value of resource uses in perpetuity. Neither should the dollar value estimates be interpreted to mean the value lost if the Susitna Hydroelectric Project goes forward. Rather, the dollar value estimates provide a useful indication of the gross annual value of resource uses by location. Changes in access, wildlife population levels, and other area attributes could increase or decrease the gross annual value of resource uses at a given location. Finally, dollar values underestimate the total value of a location to rural resource users who have chosen to live near resources at a sacrifice to their income earning potential.

As described in Section 8.2, the first analysis step for estimating dollar values for resource use activities was to calculate low, intermediate, and high value estimates for a single engagement in a resource use. The low estimate is based on "out-of-pocket" expenses incurred getting to the activity location. The intermediate estimate adds the value of travel time to the low estimate. The high estimate adds, to the intermediate estimate, the respondent's reported willingness to pay an additional amount in order to engage in the activity.

The second analysis step was to multiply the mean value estimates times the number of trips taken to the same place to do the same activity. These intermediate (i.e., nonreported) values correspond

to the estimated value of all trips taken by a household. The final analysis step was to multiply the calculated mean values for all trips times the estimated total number of resource users engaging in the same activity at the same location.

10.2 SUMMARY OF DOLLAR VALUE ANALYSIS RESULTS

Tables 10-1 through 10-12 present both mean and aggregate dollar value estimates, first for all activities and all study area residents and, subsequently, for urban, small town, and rural residents. The same reporting format is used to present mean and aggregate dollar value estimates for hunting, fishing, and nonconsumptive activities. Table 10.1 shows that the mean dollar value for resource uses as a whole in the potential inundation zone, Area 10, ranges from a low of \$83 per trip to a high of \$321 per trip. As described in Section 8.2, these estimates are based on all remote activities pursued in the study region, and not solely on activities pursued in Area 10.

The mean dollar value estimates for Area 10 and for Areas 11 and 12 are similar to the mean dollar value estimates for remote areas outside the Susitna study region. As expected, they are higher than for nonremote areas. Travel costs are likely to be higher to access remote areas and the quality of the experience sought is likely to be greater.

The aggregate dollar value estimates presented in Tables 10-1 through 10-12 establish a much different perspective on the value of remote areas in the study region. The aggregate value estimates are the product of the mean value estimates and resource use estimates. The use analysis results presented in Section 9.2 showed that only 0.3 percent of all study area households used resources in Area 10 in 1984. Although the mean dollar value estimates are higher for remote than nonremote areas, extremely low levels of use cause the

aggregate dollar value estimates to also be low in remote areas. Table 10-13 directly compares the percent of total aggregate value attributed to the six key analysis areas. In no case do Areas 10, 11, or 12 account for more than 3 percent of total aggregate value.

Areas 10, 11, and 12 are relatively more important to small town and rural households than they are to urban households. In absolute terms, however, these areas are more valuable to the urban population than the small town and rural populations combined. The high estimated aggregate value to the urban population is \$1,554,456 while the combined high estimated aggregate value to the small town and rural populations is \$259,314.

Another concern raised about Susitna Project is its effect on salmon stocks in the river reach between Devil's Canyon and the confluence with the Chulitna River.

The estimated annual value of Area 1, which contains this reach of the Susitna River for recreational salmon fishing, is between \$499,000 and \$1,374,000. These figures represent between 2.0 and 2.4 percent of the aggregate annual value of all fishing sites within and outside the study region.

Table 10-1
Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ALL ACTIVITIES BY AREA

	MEAN DOLLAR VALUE OF LAST TRIP			ANNUAL AGGREGATE DOLLAR VALUE OF ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
ALL HOUSEHOLDS						
Area 10	83	137	321	180,171	309,137	492,821
Areas 11, 12	83	137	321	481,732	828,749	1,321,349
Other Study Region Remote	82	135	321	3,584,454	6,049,178	9,803,213
Study Region Nonremote	37	87	174	11,586,665	24,521,468	36,332,421
Elsewhere Remote	93	160	296	6,853,495	12,297,723	16,184,420
Elsewhere Nonremote	31	75	117	13,360,494	30,755,120	40,171,360
URBAN HOUSEHOLDS						
Area 10	93	150	345	159,300	268,155	431,703
Areas 11, 12	93	150	345	414,300	697,405	1,122,753
Other Study Region Remote	92	148	347	3,084,345	5,088,650	8,349,540
Study Region Nonremote	38	92	181	10,124,540	21,607,250	31,793,525
Elsewhere Remote	98	168	300	6,541,195	11,666,255	15,159,388
Elsewhere Nonremote	31	75	113	12,013,250	28,003,300	35,874,050
SMALL TOWN HOUSEHOLDS						
Area 10	56	108	253	18,078	36,156	52,302
Areas 11, 12	56	108	253	54,496	108,992	157,664
Other Study Region Remote	56	108	239	359,304	718,608	1,018,028
Study Region Nonremote	26	59	130	1,223,640	2,539,980	3,986,100
Elsewhere Remote	66	106	292	302,460	568,000	955,660
Elsewhere Nonremote	33	77	140	1,291,300	2,547,700	3,647,050
RURAL HOUSEHOLDS						
Area 10	20	38	161	2,793	4,826	8,816
Areas 11, 12	20	38	161	12,936	22,352	40,832
Other Study Region Remote	20	39	159	140,805	241,920	435,645
Study Region Nonremote	32	60	147	238,485	374,238	552,796
Elsewhere Remote	19	35	55	9,840	63,468	69,372
Elsewhere Nonremote	14	53	341	55,944	204,120	650,160

Table 10-2

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
HUNTING BY AREA

	MEAN DOLLAR VALUE OF LAST TRIP			ANNUAL AGGREGATE DOLLAR VALUE OF ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
ALL HOUSEHOLDS						
Area 10	103	166	471	41,137	64,790	153,780
Areas 11, 12	103	166	471	78,451	124,449	286,871
Other Study Region Remote	102	113	471	1,412,768	2,237,920	5,222,496
Study Region Nonremote	45	93	249	2,404,713	4,456,640	9,461,706
Elsewhere Remote	152	249	577	1,232,068	2,105,277	3,882,989
Elsewhere Nonremote	31	78	155	2,538,482	5,413,269	8,874,019
URBAN HOUSEHOLDS						
Area 10	112	178	506	38,160	59,996	143,948
Areas 11, 12	112	178	506	57,420	90,277	216,601
Other Study Region Remote	111	176	512	1,142,640	1,796,484	4,373,772
Study Region Nonremote	48	98	260	1,889,842	3,554,290	7,611,382
Elsewhere Remote	163	274	611	1,048,468	1,894,977	3,424,709
Elsewhere Nonremote	31	80	152	2,059,122	4,646,224	7,523,715
SMALL TOWN HOUSEHOLDS						
Area 10	86	150	426	2,702	4,144	8,372
Areas 11, 12	86	150	426	18,721	28,712	58,006
Other Study Region Remote	88	151	388	228,520	343,360	649,600
Study Region Nonremote	35	71	200	383,201	715,870	1,532,804
Elsewhere Remote	119	148	508	182,520	207,900	451,440
Elsewhere Nonremote	39	76	218	437,976	670,236	1,240,932
RURAL HOUSEHOLDS						
Area 10	30	69	180	375	650	1,460
Areas 11, 12	30	69	180	2,310	5,460	12,264
Other Study Region Remote	30	70	169	41,608	98,076	199,124
Study Region Nonremote	38	83	237	131,670	186,480	317,520
Elsewhere Remote	8	16	47	1,080	2,400	6,840
Elsewhere Nonremote	7	26	40	41,384	96,809	109,372

Table 10-3

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
FISHING BY AREA

	MEAN DOLLAR VALUE OF LAST TRIP			ANNUAL AGGREGATE DOLLAR VALUE OF ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
ALL HOUSEHOLDS						
Area 10	73	119	265	69,298	123,259	190,767
Areas 11, 12	73	119	265	165,741	297,366	464,388
Other Study Region Remote	72	117	264	3,084,541	5,304,770	8,497,785
Study Region Nonremote	37	89	169	5,646,330	13,049,924	20,475,532
Elsewhere Remote	83	157	293	2,713,120	4,631,178	7,029,384
Elsewhere Nonremote	42	92	146	9,266,783	18,448,863	26,182,526
URBAN HOUSEHOLDS						
Area 10	79	128	280	60,420	110,033	171,932
Areas 11, 12	79	128	280	151,335	275,589	430,641
Other Study Region Remote	78	126	280	2,634,884	4,625,264	7,440,230
Study Region Nonremote	39	95	177	4,769,518	11,001,224	17,198,116
Elsewhere Remote	85	162	281	2,341,920	4,046,700	6,223,640
Elsewhere Nonremote	44	96	147	8,726,685	17,294,703	24,117,384
SMALL TOWN HOUSEHOLDS						
Area 10	48	82	178	8,680	12,880	17,836
Areas 11, 12	48	82	178	13,020	19,320	26,754
Other Study Region Remote	48	82	176	404,352	600,048	826,848
Study Region Nonremote	23	57	122	783,240	1,881,060	2,991,720
Elsewhere Remote	57	118	302	154,860	358,440	557,670
Elsewhere Nonremote	27	64	139	524,006	1,122,870	1,967,696
RURAL HOUSEHOLDS						
Area 10	19	34	167	198	351	999
Areas 11, 12	19	34	167	1,386	2,457	6,993
Other Study Region Remote	19	34	167	45,305	79,458	230,707
Study Region Nonremote	27	48	109	93,472	167,640	285,496
Elsewhere Remote	173	182	190	216,340	226,038	237,974
Elsewhere Nonremote	9	19	71	16,092	31,290	97,446

Table 10-4

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
NONCONSUMPTIVE ACTIVITIES
BY AREA

	MEAN DOLLAR VALUE OF LAST TRIP			ANNUAL AGGREGATE DOLLAR VALUE OF ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
ALL HOUSEHOLDS						
Area 10	81	139	276	105,219	169,786	229,274
Areas 11, 12	81	139	276	425,045	699,509	941,177
Other Study Region Remote	81	139	278	2,317,396	3,936,856	5,343,340
Study Region Nonremote	35	85	160	12,981,475	27,001,289	36,936,774
Elsewhere Remote	72	118	166	9,618,500	17,577,060	20,620,976
Elsewhere Nonremote	27	68	102	13,012,988	31,588,276	39,803,337
URBAN HOUSEHOLDS						
Area 10	100	165	314	98,156	151,156	204,156
Areas 11, 12	100	165	314	393,550	606,050	818,550
Other Study Region Remote	99	164	316	1,921,888	2,965,672	4,009,456
Study Region Nonremote	36	89	167	11,261,943	23,775,213	32,296,154
Elsewhere Remote	76	124	173	9,437,914	16,915,546	19,758,604
Elsewhere Nonremote	26	67	98	11,562,880	28,548,352	35,167,104
SMALL TOWN HOUSEHOLDS						
Area 10	31	100	163	3,696	13,118	16,590
Areas 11, 12	31	100	163	21,912	77,771	99,355
Other Study Region Remote	31	100	163	168,960	599,680	758,400
Study Region Nonremote	25	57	112	1,389,200	2,714,000	3,946,800
Elsewhere Remote	28	55	85	172,530	512,478	713,124
Elsewhere Nonremote	36	85	125	1,413,540	2,811,374	3,588,821
RURAL HOUSEHOLDS						
Area 10	15	24	146	3,367	5,512	8,528
Areas 11, 12	15	24	146	9,583	15,688	24,272
Other Study Region Remote	15	24	148	226,548	371,504	575,484
Study Region Nonremote	33	62	147	330,332	512,076	693,820
Elsewhere Remote	1	36	36	8,056	149,036	149,248
Elsewhere Nonremote	21	90	711	36,568	228,550	1,047,412

Table 10-5

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN REMOTE AREAS
BY ALL HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	115	176	421	186	275	544
Caribou Hunting	156	234	918	218	321	1,169
Sheep or Goat Hunting	205	263	635	208	267	642
Brown Bear Hunting	73	159	395	176	353	657
Black Bear Hunting	81	106	683	136	188	791
Small Game Hunting	55	152	190	176	385	471
King Salmon Fishing	81	121	289	279	416	706
Silver Salmon Fishing	86	155	343	268	491	877
Red Salmon Fishing	57	117	163	153	371	469
Other Salmon Fishing	105	186	244	357	651	781
Rainbow Trout Fishing	53	89	154	293	475	731
Dolly Varden Fishing	47	85	228	153	265	452
Lake Trout Fishing	97	141	547	328	433	903
Other Trout Fishing	*	*	*	*	*	*
Grayling Fishing	70	121	231	251	592	793
Bourbot or Cod Fishing	51	102	175	353	1,088	1,179
Summer off Road	46	80	108	304	485	560
Winter Off Road	17	50	102	199	535	637
Skiing	47	69	180	1,187	1,394	1,994
Motorboating	108	155	220	471	629	782
Canoe, Raft, Kayak	167	198	281	599	764	884
Other Boating	*	*	*	*	*	*
Backpacking	201	356	432	730	1,130	1,310
Tent Camping	144	228	838	646	922	1,684
Rec Vehicle Camping	*	*	*	*	*	*
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	42	79	120	688	949	1,055
Sightseeing	69	131	217	406	1,241	1,532

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

Table 10-6

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN NONREMOTE AREAS
BY ALL HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	51	116	319	107	230	507
Caribou Hunting	56	132	302	78	182	419
Sheep or Goat Hunting	45	111	310	50	120	329
Brown Bear Hunting	45	132	240	54	151	272
Black Bear Hunting	40	73	213	93	153	447
Small Game Hunting	28	58	115	121	220	319
King Salmon Fishing	51	123	210	134	291	440
Silver Salmon Fishing	35	87	150	157	341	525
Red Salmon Fishing	44	108	178	182	394	578
Other Salmon Fishing	38	98	188	160	341	532
Rainbow Trout Fishing	28	60	134	108	231	400
Dolly Varden Fishing	30	70	122	83	213	316
Lake Trout Fishing	43	83	142	195	367	496
Other Trout Fishing	23	59	204	59	143	712
Grayling Fishing	35	99	168	136	374	514
Bourbot or Cod Fishing	38	90	220	90	222	458
Summer off Road	43	93	179	481	704	850
Winter Off Road	24	55	90	106	243	326
Skiing	14	42	90	80	230	329
Motorboating	46	107	194	265	612	815
Canoe, Raft, Kayak	29	86	165	231	485	615
Other Boating	29	61	90	184	448	552
Backpacking	28	79	168	93	249	401
Tent Camping	32	89	143	105	335	436
Rec Vehicle Camping	79	179	256	463	789	974
Other Camping	25	66	123	91	195	376
Hiking, Picnicking	27	61	110	100	258	360
Sightseeing	37	96	159	182	380	497

Table 10-7

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN REMOTE AREAS
BY URBAN HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	123	190	441	191	288	557
Caribou Hunting	165	241	969	203	308	1,216
Sheep or Goat Hunting	*	*	*	*	*	*
Brown Bear Hunting	73	163	336	182	372	622
Black Bear Hunting	*	*	*	*	*	*
Small Game Hunting	66	179	219	203	437	533
King Salmon Fishing	82	122	298	287	424	730
Silver Salmon Fishing	94	168	351	253	496	902
Red Salmon Fishing	62	128	174	162	404	508
Other Salmon Fishing	*	*	*	*	*	*
Rainbow Trout Fishing	56	93	147	284	460	723
Dolly Varden Fishing	*	*	*	*	*	*
Lake Trout Fishing	104	148	602	358	463	979
Other Trout Fishing	*	*	*	*	*	*
Grayling Fishing	79	135	248	278	658	847
Bourbot or Cod Fishing	*	*	*	*	*	*
Summer off Road	52	86	112	333	482	549
Winter Off Road	18	51	108	70	255	330
Skiing	*	*	*	*	*	*
Motorboating	117	166	233	490	630	778
Canoe, Raft, Kayak	*	*	*	*	*	*
Other Boating	*	*	*	*	*	*
Backpacking	259	455	508	926	1,421	1,539
Tent Camping	160	238	935	718	976	1,817
Rec Vehicle Camping	*	*	*	*	*	*
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	50	93	141	820	1,103	1,200
Sightseeing	73	136	207	429	1,274	1,562

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

Table 10-8

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN NONREMOTE AREAS
BY URBAN HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	52	124	336	97	232	524
Caribou Hunting	60	144	336	83	195	467
Sheep or Goat Hunting	44	96	255	49	103	273
Brown Bear Hunting	46	128	236	56	149	269
Black Bear Hunting	45	78	219	81	129	456
Small Game Hunting	30	63	119	133	237	325
King Salmon Fishing	54	129	216	137	297	439
Silver Salmon Fishing	37	92	161	166	362	561
Red Salmon Fishing	46	115	190	181	404	605
Other Salmon Fishing	39	103	188	172	366	554
Rainbow Trout Fishing	31	65	142	109	231	399
Dolly Varden Fishing	31	72	122	85	214	311
Lake Trout Fishing	46	88	143	205	382	486
Other Trout Fishing	23	59	213	59	140	747
Grayling Fishing	37	105	169	139	371	493
Bourbot or Cod Fishing	38	93	228	85	215	451
Summer off Road	45	98	182	527	755	884
Winter Off Road	25	58	96	104	240	302
Skiing	14	44	95	81	237	343
Motorboating	47	113	205	229	603	803
Canoe, Raft, Kayak	30	91	178	248	520	660
Other Boating	30	61	91	176	434	541
Backpacking	29	83	178	93	254	415
Tent Camping	33	90	134	109	348	436
Rec Vehicle Camping	81	173	248	491	811	1,004
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	28	62	108	102	266	366
Sightseeing	37	97	161	185	384	503

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

Table 10-9

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN REMOTE AREAS
BY SMALL TOWN HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	109	151	420	221	284	597
Caribou Hunting	102	180	567	415	493	936
Sheep or Goat Hunting	*	*	*	*	*	*
Brown Bear Hunting	*	*	*	*	*	*
Black Bear Hunting	*	*	*	*	*	*
Small Game Hunting	30	82	124	103	240	305
King Salmon Fishing	70	118	155	215	354	448
Silver Salmon Fishing	48	83	347	425	538	868
Red Salmon Fishing	39	68	119	133	232	299
Other Salmon Fishing	28	*	*	*	*	*
Rainbow Trout Fishing	53	91	126	529	858	954
Dolly Varden Fishing	*	*	*	*	*	*
Lake Trout Fishing	50	92	154	92	200	336
Other Trout Fishing	*	*	*	*	*	*
Grayling Fishing	34	70	189	156	371	666
Bourbot or Cod Fishing	*	*	*	*	*	*
Summer off Road	28	71	110	209	508	640
Winter Off Road	13	61	119	103	904	1,181
Skiing	*	*	*	*	*	*
Motorboating	57	98	162	311	690	921
Canoe, Raft, Kayak	*	*	*	*	*	*
Other Boating	*	*	*	*	*	*
Backpacking	*	*	*	*	*	*
Tent Camping	48	180	247	208	651	951
Rec Vehicle Camping	*	*	*	*	*	*
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	23	41	61	383	702	866
Sightseeing	18	102	132	140	1,165	1,257

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

Table 10-10

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN NONREMOTE AREAS
BY SMALL TOWN HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	45	79	248	122	191	411
Caribou Hunting	40	83	164	61	135	232
Sheep or Goat Hunting	49	214	677	63	236	707
Brown Bear Hunting	*	*	*	*	*	*
Black Bear Hunting	28	55	155	141	227	368
Small Game Hunting	19	38	99	69	146	308
King Salmon Fishing	28	74	161	110	257	456
Silver Salmon Fishing	22	54	94	104	217	315
Red Salmon Fishing	31	60	93	203	342	408
Other Salmon Fishing	21	63	96	80	197	250
Rainbow Trout Fishing	17	36	95	105	239	422
Dolly Varden Fishing	20	64	135	76	235	387
Lake Trout Fishing	25	54	142	131	274	616
Other Trout Fishing	*	*	*	*	*	*
Grayling Fishing	25	71	175	129	415	681
Bourbot or Cod Fishing	39	82	189	143	307	573
Summer off Road	31	64	154	182	379	634
Winter Off Road	19	34	111	125	257	448
Skiing	8	23	40	39	115	157
Motorboating	41	71	130	494	671	915
Canoe, Raft, Kayak	18	41	65	97	218	271
Other Boating	22	54	74	50	189	254
Backpacking	15	43	68	96	206	262
Tent Camping	23	82	134	62	226	363
Rec Vehicle Camping	62	271	322	123	558	632
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	19	45	95	80	192	289
Sightseeing	39	92	149	155	352	453

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

Table 10-11

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN REMOTE AREAS
BY RURAL HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	35	64	175	48	88	266
Caribou Hunting	80	188	477	108	222	536
Sheep or Goat Hunting	21	100	262	40	131	310
Brown Bear Hunting	*	*	*	*	*	*
Black Bear Hunting	13	36	104	23	68	247
Small Game Hunting	5	17	37	47	140	173
King Salmon Fishing	44	72	315	165	248	524
Silver Salmon Fishing	27	48	76	84	130	191
Red Salmon Fishing	*	*	*	*	*	*
Other Salmon Fishing	*	*	*	*	*	*
Rainbow Trout Fishing	18	30	298	58	111	495
Dolly Varden Fishing	8	26	337	18	51	649
Lake Trout Fishing	*	*	*	*	*	*
Other Trout Fishing	*	*	*	*	*	*
Grayling Fishing	17	30	83	54	101	273
Bourbot or Cod Fishing	25	36	59	66	93	144
Summer off Road	5	13	33	116	475	513
Winter Off Road	21	31	44	1,100	1,725	1,760
Skiing	3	5	170	17	41	383
Motorboating	20	28	39	350	456	781
Canoe, Raft, Kayak	*	*	*	*	*	*
Other Boating	*	*	*	*	*	*
Backpacking	1	15	171	2	25	203
Tent Camping	*	*	*	*	*	*
Rec Vehicle Camping	*	*	*	*	*	*
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	4	15	27	39	117	235
Sightseeing	53	69	607	251	507	1,209

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

Table 10-12

Susitna Hydroelectric Project

ESTIMATED DOLLAR VALUES OF
ACTIVITIES IN NONREMOTE AREAS
BY RURAL HOUSEHOLDS

	MEAN DOLLAR VALUES LAST TRIP			MEAN DOLLAR VALUES ALL TRIPS		
	Low	Intermediate	High	Low	Intermediate	High
Moose Hunting	54	95	231	375	476	660
Caribou Hunting	30	104	191	52	132	236
Sheep or Goat Hunting	*	*	*	*	*	*
Brown Bear Hunting	*	*	*	*	*	*
Black Bear Hunting	16	60	312	131	305	562
Small Game Hunting	9	22	87	24	63	139
King Salmon Fishing	32	57	150	127	193	381
Silver Salmon Fishing	18	38	61	99	210	262
Red Salmon Fishing	24	44	65	104	190	226
Other Salmon Fishing	65	93	492	80	121	545
Rainbow Trout Fishing	16	29	63	81	131	299
Dolly Varden Fishing	30	43	77	59	105	160
Lake Trout Fishing	*	*	*	*	*	*
Other Trout Fishing	*	*	*	*	*	*
Grayling Fishing	28	55	72	81	170	204
Bourbot or Cod Fishing	12	26	54	19	36	68
Summer off Road	21	45	196	151	234	602
Winter Off Road	16	42	134	77	270	553
Skiing	22	38	63	452	716	779
Motorboating	46	61	88	624	689	766
Canoe, Raft, Kayak	43	84	117	134	303	375
Other Boating	*	*	*	*	*	*
Backpacking	18	46	82	68	168	322
Tent Camping	73	102	975	108	197	1,090
Rec Vehicle Camping	*	*	*	*	*	*
Other Camping	*	*	*	*	*	*
Hiking, Picnicking	21	77	355	52	162	461
Sightseeing	32	73	128	117	283	377

Asterisks refer to estimates which have been suppressed due to insufficient sample size.

TABLE 10-13
 SUSITNA HYDROELECTRIC PROJECT
 PERCENT OF TOTAL AGGREGATE VALUE BY LOCATION

<u>All Resource Uses</u>	<u>Urban</u> (%)	<u>Small Town</u> (%)	<u>Rural</u> (%)	<u>Total</u> (%)
Area 10	0.4	0.5	0.5	0.5
Areas 11, 12	1.2	1.6	2.3	1.3
Other Study Region Remote	9.0	10.4	24.8	9.4
Study Region Nonremote	34.3	40.6	31.4	34.8
Elsewhere Remote	16.4	9.7	4.0	15.5
Elsewhere Nonremote	38.7	37.2	37.0	38.5
Total	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Hunting</u>				
Area 10	0.6	0.2	0.2	0.5
Areas 11, 12	0.9	1.5	1.9	1.1
Other Study Region Remote	18.8	16.5	30.8	18.9
Study Region Nonremote	32.7	38.9	49.1	34.0
Elsewhere Remote	14.7	11.4	1.1	13.8
Elsewhere Nonremote	32.3	31.5	16.9	31.7
Total	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Fishing</u>				
Area 10	0.3	0.3	0.1	0.3
Areas 11, 12	0.8	0.4	0.8	0.7
Other Study Region Remote	13.4	30.0	26.8	13.6
Study Region Nonremote	30.9	46.8	33.2	32.6
Elsewhere Remote	11.2	8.7	27.8	10.9
Elsewhere Nonremote	43.4	30.8	11.3	41.9
Total	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
<u>Nonconsumptive</u>				
Area 10	0.2	0.2	0.3	0.2
Areas 11, 12	0.9	1.1	1.0	0.9
Other Study Region Remote	4.4	8.3	23.0	5.1
Study Region Nonremote	35.0	43.3	27.8	35.7
Elsewhere Remote	21.4	7.8	6.0	20.2
Elsewhere Nonremote	38.1	39.3	41.9	37.9
Total	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>

11.0 RELATIVE VALUE ANALYSIS

11.1 INTRODUCTION

The relative value analysis addresses the question of whether remote areas of the study region have specific attributes that are of significantly higher quality than the attributes of other areas. If so, changes in these specific attributes could have an effect on the overall value of an area.

Section 8.3 described the relative value analysis. To briefly recapitulate that description, respondents rated the quality of ten specific attributes of the area they used for a selected resource use activity. These attributes were:

- Ease of getting into the area
- Familiarity with the area
- Beauty of the area
- Lack of crowding in the area
- Ease of getting around in the area
- Chance of getting what you wanted in area
- Cost of this activity in the area
- Quality of places to stay or camp in the area
- Chance of being close to nature in the area
- Family tradition of doing the activity in the area

The relative value analysis was approached in two ways. First, ten mean quality ratings for ten specific attributes and one general quality measure were calculated for four geographic areas: study region remote, study region nonremote, other remote, and other nonremote. These calculations were repeated for all activities as a group as well as for hunting, fishing, and nonconsumptive activities. The purpose of this analysis was to identify any attributes which resource users rated relatively high in study region remote areas.

11.2 SUMMARY OF RELATIVE VALUE ANALYSIS

Tables 11-1 through 11-4 present the analysis results. Virtually all differences are statistically significant due to large sample sizes, but differences of less than 0.5 should not be considered important. The means are based on a scale of 0 to 4 where 4 is equivalent to "very good," 3 is equivalent to "good," 2 is equivalent to "neither good nor poor," 1 is equivalent to "poor," and 0 is equivalent to "very poor."

The only attribute receiving a higher rating for remote areas of the study region than for the three other geographic areas was "family tradition of doing activity in the area." Even in this case, however, the differences are not large enough to be important.

It is perhaps surprising that there is so little variation in attribute ratings between remote and nonremote areas. One must keep in mind that the ratings are perceptions and not objective measures. The perceptions may not be based on an absolute level of an attribute, but rather may be based on the difference between the expected level of an attribute and the level actually experienced. Thus, for example, an angler fishing Willow Creek at its busiest time may expect it to be crowded and may find it less crowded than expected. As a result, the angler might rate the lack of crowding as "very good."

The lack of variation in perceptions does suggest that resource users are generally successful in finding attractive locations. Overall, remote areas of the study region, along with all other areas, were rated midway between "good" and "very good."

The second approach to the relative value analysis involved subtracting individual ratings for specific attributes in the best substitute location from individual ratings for the same specific attributes in the chosen location. The mean difference in ratings

indicates the comparative advantage of the chosen location over the best substitute. Tables 11-5 through 11-8 display the results of this analysis.

Using a difference of 0.5 as a threshold of importance, no specific attributes are identified as being comparative advantages of remote areas of the study region among all users of these areas. However, rural users of remote areas of the study region reported the following comparative advantages:

- Ease of getting to area
- Beauty of area
- Familiarity with area
- Cost of activity
- Family tradition of doing activity in area
- Lack of crowding in area

Neither urban nor small town resource users reported such comparative advantages. The rural differences hold for fishing and nonconsumptive activities as well as for hunting. It should also be noted that approximately 25 percent of all respondents, most of them rural residents, found it impossible to rate the quality of specific attributes in a substitute area. In part, this lack of response suggests a perceived lack of substitute sites. The reported comparative advantages of selected sites are, therefore, likely to be underestimates since they exclude respondents who could not give a rating for a substitute site.

In summary, rural residents who use remote areas of the study region do perceive a number of important comparative advantages to their chosen location. If the analysis results for remote areas of the study region as a whole hold in the potential inundation zone (Area 10) and in areas in which access would be changed by a road to the Watana dam (Areas 11 and 12), changes in these attributes could substantially affect the quality of resource use experiences of the few people who use these areas.

TABLE 11.1
 SUSITNA HYDROELECTRIC PROJECT
 MEAN RATING OF LOCATION ATTRIBUTES
 FOR ALL ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	2.8	3.0	3.3	2.9
Study region nonremote	3.2	3.2	3.3	3.2
Other remote	2.9	3.0	2.9	2.9
Other nonremote	3.4	3.2	3.5	3.4
<u>Familiarity with location</u>				
Study region remote	2.9	3.0	3.5	3.0
Study region nonremote	2.8	3.1	3.2	2.9
Other remote	2.9	3.2	3.5	3.0
Other nonremote	2.9	3.2	3.5	2.9
<u>Beauty of the area</u>				
Study region remote	3.5	3.6	3.7	3.5
Study region nonremote	3.6	3.6	3.6	3.6
Other remote	3.5	3.8	3.3	3.6
Other nonremote	3.6	3.7	3.8	3.6
<u>Lack of crowding</u>				
Study region remote	2.9	2.9	3.0	2.9
Study region nonremote	2.8	2.8	2.7	2.8
Other remote	3.2	3.6	2.8	3.2
Other nonremote	2.9	3.0	3.2	2.9
<u>Ease of getting around</u>				
Study region remote	2.8	2.8	3.0	2.8
Study region nonremote	3.1	3.1	3.0	3.1
Other remote	2.9	3.4	3.1	3.0
Other nonremote	3.3	3.3	3.0	3.3

*Respondents were asked to rate each attribute on a scale of 0 to 4 where "0" represents a rating of poor and "4" represents a rating of very good.

Table 11-1. Susitna Hydroelectric Project
 Mean Rating of Location Attributes for
 All Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	3.1	3.1	3.2	3.1
Study region nonremote	3.2	3.1	3.0	3.2
Other remote	3.3	3.2	2.9	3.3
Other nonremote	3.4	3.4	3.4	3.4
<u>Cost of activity</u>				
Study region remote	2.9	3.1	3.5	3.0
Study region nonremote	3.2	3.4	3.3	3.2
Other remote	3.0	3.5	3.4	3.1
Other nonremote	3.3	3.5	3.7	3.4
<u>Quality of places to stay or camp</u>				
Study region remote	2.7	2.7	3.1	2.8
Study region nonremote	2.9	2.6	2.8	2.8
Other remote	2.8	2.8	2.1	2.8
Other nonremote	2.9	2.6	2.4	2.9
<u>Chance of being close to nature</u>				
Study region remote	3.6	3.7	3.7	3.6
Study region nonremote	3.5	3.5	3.5	3.5
Other remote	3.7	3.7	2.7	3.7
Other nonremote	3.5	3.6	3.7	3.5
<u>Family tradition of doing activity</u>				
Study region remote	2.8	2.7	2.9	2.8
Study region nonremote	2.7	2.9	2.7	2.7
Other remote	2.5	3.0	1.7	2.5
Other nonremote	2.5	2.7	2.9	2.5
<u>Overall appeal</u>				
Study region remote	3.5	3.5	3.6	3.5
Study region nonremote	3.4	3.5	3.5	3.4
Other remote	3.5	3.7	2.9	3.6
Other nonremote	3.5	3.6	3.6	3.5

TABLE 11-2
 SUSITNA HYDROELECTRIC PROJECT
 MEAN RATING OF LOCATION ATTRIBUTES
 FOR HUNTING ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	2.6	3.0	3.1	2.7
Study region nonremote	3.1	2.9	3.2	3.0
Other remote	2.2	3.0	2.5	2.3
Other nonremote	3.2	3.0	4.0	3.2
<u>Familiarity with location</u>				
Study region remote	2.9	2.7	3.5	3.0
Study region nonremote	2.7	3.0	3.2	2.8
Other remote	2.9	2.6	3.7	2.9
Other nonremote	2.8	3.3	3.5	2.9
<u>Beauty of the area</u>				
Study region remote	3.5	3.6	3.6	3.5
Study region nonremote	3.5	3.5	3.6	3.5
Other remote	3.4	3.6	3.8	3.5
Other nonremote	3.5	3.7	3.8	3.5
<u>Lack of crowding</u>				
Study region remote	2.9	3.0	3.0	2.9
Study region nonremote	3.0	2.7	2.4	2.9
Other remote	3.5	3.5	3.5	3.5
Other nonremote	3.0	3.2	3.0	3.0
<u>Ease of getting around</u>				
Study region remote	2.7	2.4	2.7	2.6
Study region nonremote	2.8	2.8	2.7	2.8
Other remote	2.5	3.2	2.6	2.6
Other nonremote	3.2	3.0	3.2	3.2

*Respondents were asked to rate each attribute on a scale of 0 to 4 where "0" represents a rating of poor and "4" represents a rating of very good.

Table 11-2. Susitna Hydroelectric Project
 Mean Rating of Location Attributes for
 Hunting Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	2.8	2.8	2.8	2.8
Study region nonremote	2.6	2.4	2.4	2.6
Other remote	2.8	2.8	3.2	2.8
Other nonremote	2.6	2.8	3.2	2.7
<u>Cost of activity</u>				
Study region remote	3.0	3.1	3.5	3.0
Study region nonremote	3.1	3.3	3.0	3.1
Other remote	3.2	3.3	3.9	3.2
Other nonremote	3.2	3.3	3.9	3.3
<u>Quality of places to stay or camp</u>				
Study region remote	2.8	2.8	3.1	2.8
Study region nonremote	2.7	2.6	2.8	2.7
Other remote	3.0	1.9	3.5	2.9
Other nonremote	3.0	2.5	2.9	3.0
<u>Chance of being close to nature</u>				
Study region remote	3.7	3.8	3.8	3.7
Study region nonremote	3.6	3.6	3.6	3.6
Other remote	4.0	3.6	3.7	3.9
Other nonremote	3.6	3.8	3.8	3.6
<u>Family tradition of doing activity</u>				
Study region remote	2.9	2.4	2.6	2.8
Study region nonremote	2.5	2.8	2.7	2.5
Other remote	2.8	2.9	2.0	2.8
Other nonremote	2.2	2.8	3.1	2.3
<u>Overall appeal</u>				
Study region remote	3.4	3.5	3.5	3.4
Study region nonremote	3.3	3.4	3.4	3.3
Other remote	3.7	3.4	3.9	3.6
Other nonremote	3.3	3.5	3.6	3.3

TABLE 11-3
 SUSITNA HYDROELECTRIC PROJECT
 MEAN RATING OF LOCATION ATTRIBUTES
 FOR FISHING ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	2.9	3.0	3.0	2.9
Study region nonremote	3.2	3.1	3.3	3.2
Other remote	3.2	3.4	3.5	3.3
Other nonremote	3.4	3.3	3.3	3.3
<u>Familiarity with location</u>				
Study region remote	2.9	3.1	3.4	3.0
Study region nonremote	2.9	3.1	3.1	3.0
Other remote	2.6	3.4	4.0	2.7
Other nonremote	2.9	3.2	3.4	3.0
<u>Beauty of the area</u>				
Study region remote	3.5	3.5	3.6	3.5
Study region nonremote	3.5	3.4	3.5	3.5
Other remote	3.6	3.8	3.5	3.6
Other nonremote	3.6	3.6	3.5	3.6
<u>Lack of crowding</u>				
Study region remote	2.8	2.8	2.7	2.8
Study region nonremote	2.5	2.4	2.4	2.5
Other remote	2.9	3.7	2.5	2.9
Other nonremote	2.5	2.7	2.8	2.6
<u>Ease of getting around</u>				
Study region remote	2.8	2.8	2.9	2.8
Study region nonremote	3.0	2.9	3.0	3.0
Other remote	3.0	3.6	3.0	3.1
Other nonremote	3.1	3.2	2.4	3.2

*Respondents were asked to rate each attribute on a scale of 0 to 4 where "0" represents a rating of poor and "4" represents a rating of very good.

Table 11-3. Susitna Hydroelectric Project
 Mean Rating of Location Attributes for
 Fishing Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	3.1	3.2	3.1	3.1
Study region nonremote	3.0	2.9	2.9	3.0
Other remote	3.5	3.2	3.0	3.5
Other nonremote	3.1	3.3	2.9	3.1
<u>Cost of activity</u>				
Study region remote	3.0	3.1	3.3	3.0
Study region nonremote	3.1	3.3	3.3	3.1
Other remote	2.9	3.4	3.0	3.0
Other nonremote	3.2	3.5	3.4	3.2
<u>Quality of places to stay or camp</u>				
Study region remote	2.7	2.5	2.8	2.7
Study region nonremote	2.8	2.5	2.7	2.8
Other remote	2.8	3.1	2.5	2.8
Other nonremote	3.0	2.9	1.7	2.9
<u>Chance of being close to nature</u>				
Study region remote	3.6	3.6	3.6	3.6
Study region nonremote	3.5	3.4	3.5	3.4
Other remote	3.6	3.7	3.0	3.6
Other nonremote	3.5	3.5	3.3	3.5
<u>Family tradition of doing activity</u>				
Study region remote	2.8	2.8	2.9	2.8
Study region nonremote	2.7	2.8	2.7	2.7
Other remote	2.2	3.1	2.0	2.3
Other nonremote	2.6	2.9	3.2	2.7
<u>Overall appeal</u>				
Study region remote	3.5	3.5	3.5	3.5
Study region nonremote	3.4	3.4	3.4	3.4
Other remote	3.5	3.7	4.0	3.5
Other nonremote	3.5	3.5	3.3	3.5

TABLE 11-4
 SUSITNA HYDROELECTRIC PROJECT
 MEAN RATING OF LOCATION ATTRIBUTES
 FOR NONCONSUMPTIVE ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	2.9	3.0	3.6	3.0
Study region nonremote	3.3	3.3	3.3	3.3
Other remote	3.1	2.7	3.5	3.1
Other nonremote	3.5	3.3	3.2	3.5
<u>Familiarity with location</u>				
Study region remote	2.8	3.2	3.6	3.0
Study region nonremote	2.8	3.2	3.2	2.9
Other remote	3.1	3.4	3.2	3.1
Other nonremote	2.9	3.2	3.7	3.0
<u>Beauty of the area</u>				
Study region remote	3.5	3.7	3.7	3.6
Study region nonremote	3.6	3.6	3.7	3.6
Other remote	3.6	4.0	2.4	3.6
Other nonremote	3.6	4.0	3.9	3.6
<u>Lack of crowding</u>				
Study region remote	3.1	2.9	3.3	3.1
Study region nonremote	2.9	3.0	2.9	2.9
Other remote	3.3	3.7	1.6	3.3
Other nonremote	3.0	3.2	3.5	3.0
<u>Ease of getting around</u>				
Study region remote	2.9	3.1	3.2	3.0
Study region nonremote	3.1	3.2	3.2	3.2
Other remote	3.1	3.3	3.9	3.1
Other nonremote	3.3	3.4	3.0	3.3

*Respondents were asked to rate each attribute on a scale of 0 to 4 where "0" represents a rating of poor and "4" represents a rating of very good.

Table 11-4. Susitna Hydroelectric Project
 Mean Rating of Location Attributes for
 Nonconsumptive Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	3.3	3.3	3.5	3.3
Study region nonremote	3.4	3.5	3.4	3.4
Other remote	3.4	3.6	2.2	3.4
Other nonremote	3.5	3.5	3.9	3.5
<u>Cost of activity</u>				
Study region remote	2.8	3.2	3.7	3.0
Study region nonremote	3.2	3.4	3.4	3.3
Other remote	3.0	3.7	2.5	3.1
Other nonremote	3.4	3.6	3.6	3.4
<u>Quality of places to stay or camp</u>				
Study region remote	2.8	2.9	3.3	2.9
Study region nonremote	2.9	2.7	2.8	2.9
Other remote	2.7	3.4	.4	2.8
Other nonremote	2.8	2.5	2.3	2.8
<u>Chance of being close to nature</u>				
Study region remote	3.5	3.6	3.0	3.5
Study region nonremote	3.5	3.5	3.5	3.5
Other remote	3.7	3.9	1.7	3.6
Other nonremote	3.5	3.6	3.8	3.5
<u>Family tradition of doing activity</u>				
Study region remote	2.9	2.9	3.0	2.9
Study region nonremote	2.7	2.9	2.8	2.7
Other remote	2.5	3.1	1.1	2.5
Other nonremote	2.5	2.5	2.7	2.5
<u>Overall appeal</u>				
Study region remote	3.6	3.7	3.7	3.6
Study region nonremote	3.5	3.5	3.5	3.5
Other remote	3.5	4.0	1.7	3.5
Other nonremote	3.6	3.6	3.8	3.6

TABLE 11-5
 SUSITNA HYDROELECTRIC PROJECT
 DIFFERENCE IN MEAN RATINGS BETWEEN LOCATION USED
 AND BEST SUBSTITUTE LOCATION
 FOR ALL ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	-.18	-.02	<u>.63**</u>	-.11
Study region nonremote	.11	.17	.33	.12
Other remote	.09	.17	-.38	.09
Other nonremote	.24	.17	<u>.54</u>	.24
<u>Familiarity with location</u>				
Study region remote	.03	.18	<u>.70</u>	.08
Study region nonremote	.04	.18	.28	.06
Other remote	.10	.39	<u>1.90</u>	.15
Other nonremote	.23	.20	.07	.23
<u>Beauty of the area</u>				
Study region remote	.01	.06	.34	.04
Study region nonremote	.03	-.02	.12	.03
Other remote	-.02	-.07	<u>.90</u>	-.01
Other nonremote	.13	.06	.16	.13
<u>Lack of crowding</u>				
Study region remote	.20	.27	.33	.21
Study region nonremote	.10	.04	.09	.10
Other remote	.32	.10	.00	.30
Other nonremote	.02	.02	-.07	.02
<u>Ease of getting around</u>				
Study region remote	.03	-.07	.16	.03
Study region nonremote	.12	.08	.11	.12
Other remote	.11	-.08	.43	.10
Other nonremote	.21	.16	.00	.21

*A positive difference in mean ratings means that the location used is rated higher on the attribute than the best substitute location.

**A difference of a 0.5 or greater can be considered important and is underlined.

Table 11-5. Susitna Hydroelectric Project
 Difference in Mean Ratings Between Location Used and Best Substitute Location for
 All Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	.01	.10	.15	.02
Study region nonremote	.03	.01	-.01	.03
Other remote	.22	-.05	.33	.20
Other nonremote	.13	.01	-.14	.13
<u>Cost of activity</u>				
Study region remote	.15	.22	<u>.87</u>	.20
Study region nonremote	.22	.24	.42	.22
Other remote	.38	.32	<u>.52</u>	.38
Other nonremote	.16	.08	.37	.16
<u>Quality of places to stay or camp</u>				
Study region remote	.04	.04	.18	.05
Study region nonremote	.00	-.02	.06	.00
Other remote	-.04	.06	<u>.83</u>	-.02
Other nonremote	.09	.07	-.17	.09
<u>Chance of being close to nature</u>				
Study region remote	.18	.09	.28	.18
Study region nonremote	.06	.02	.12	.05
Other remote	.23	-.03	-.08	.21
Other nonremote	.08	.03	.04	.08
<u>Family tradition of doing activity</u>				
Study region remote	.03	.27	<u>.74</u>	.09
Study region nonremote	.02	.09	.17	.03
Other remote	.12	.14	<u>.52</u>	.12
Other nonremote	.12	.03	-.45	.11
<u>Overall appeal</u>				
Study region remote	.18	.14	.38	.19
Study region nonremote	.03	.03	.16	.04
Other remote	.07	.00	.08	.06
Other nonremote	.12	.07	.06	.12

TABLE 11-6
 SUSITNA HYDROELECTRIC PROJECT
 DIFFERENCE IN MEAN RATINGS BETWEEN LOCATION USED
 AND BEST SUBSTITUTE LOCATION
 FOR HUNTING ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	-.10	-.01	<u>.81**</u>	-.04
Study region nonremote	.21	.32	.46	.23
Other remote	<u>-.73</u>	<u>.55</u>	-.37	<u>-.54</u>
Other nonremote	.15	.21	.44	.17
<u>Familiarity with location</u>				
Study region remote	.21	.35	<u>.81</u>	.26
Study region nonremote	.11	.41	.36	.16
Other remote	<u>-.50</u>	.18	<u>2.00</u>	-.24
Other nonremote	-.09	.14	.08	-.06
<u>Beauty of the area</u>				
Study region remote	.05	.00	<u>1.42</u>	.05
Study region nonremote	.05	.00	<u>.84</u>	.04
Other remote	-.33	-.45	<u>1.01</u>	-.25
Other nonremote	-.13	.14	.42	-.09
<u>Lack of crowding</u>				
Study region remote	.02	.27	<u>1.41</u>	.06
Study region nonremote	.12	-.16	<u>1.70</u>	.07
Other remote	<u>.83</u>	.30	.00	<u>.71</u>
Other nonremote	.02	-.07	.44	.00
<u>Ease of getting around</u>				
Study region remote	.08	-.05	.12	.07
Study region nonremote	.17	.18	.21	.18
Other remote	.08	-.40	.47	.06
Other nonremote	.13	.23	.22	.14

*A positive difference in mean ratings means that the location used is rated higher on the attribute than the best substitute location.

**A difference of a 0.5 or greater can be considered important and is underlined.

Table 11-6. Susitna Hydroelectric Project
 Difference in Mean Ratings Between Location Used and Best Substitute Location for
 Hunting Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	-.03	.11	-.02	-.02
Study region nonremote	-.10	-.12	-.38	-.11
Other remote	.17	.00	.37	.16
Other nonremote	-.21	.10	-.45	-.20
<u>Cost of activity</u>				
Study region remote	.14	.27	<u>.88</u>	.20
Study region nonremote	.38	.31	.45	.37
Other remote	.08	<u>.56</u>	<u>.58</u>	.17
Other nonremote	.06	-.04	<u>.70</u>	.08
<u>Quality of places to stay or camp</u>				
Study region remote	.23	.01	.05	.20
Study region nonremote	-.02	.03	.28	-.01
Other remote	.42	-.11	<u>1.00</u>	.39
Other nonremote	.07	.00	.00	.06
<u>Chance of being close to nature</u>				
Study region remote	.21	.04	.29	.20
Study region nonremote	.04	-.10	.09	.02
Other remote	.00	.00	-.10	.00
Other nonremote	.02	.03	.00	.02
<u>Family tradition of doing activity</u>				
Study region remote	.10	.16	<u>.67</u>	.14
Study region nonremote	.09	.11	.05	.09
Other remote	.25	.33	<u>.58</u>	.28
Other nonremote	.02	-.14	<u>-.77</u>	-.02
<u>Overall appeal</u>				
Study region remote	.19	.15	.40	.20
Study region nonremote	.01	.04	.06	.02
Other remote	.08	-.30	.10	.04
Other nonremote	.04	-.14	.00	.03

TABLE 11-7
 SUSITNA HYDROELECTRIC PROJECT
 DIFFERENCE IN MEAN RATINGS BETWEEN LOCATION USED
 AND BEST SUBSTITUTE LOCATION
 FOR FISHING ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	-.24	.03	<u>.51**</u>	-.18
Study region nonremote	.12	.04	.39	.12
Other remote	<u>.60</u>	.13	.00	<u>.56</u>
Other nonremote	.30	-.01	<u>1.87</u>	.29
<u>Familiarity with location</u>				
Study region remote	-.03	.13	<u>.67</u>	.02
Study region nonremote	.11	.11	.32	.11
Other remote	.21	.40	.00	.23
Other nonremote	.35	.09	.03	.33
<u>Beauty of the area</u>				
Study region remote	.04	.00	<u>1.33</u>	.06
Study region nonremote	.04	-.06	<u>.95</u>	.03
Other remote	.00	.20	.00	.02
Other nonremote	.06	.01	.42	.05
<u>Lack of crowding</u>				
Study region remote	.31	.25	<u>1.91</u>	.31
Study region nonremote	.06	.07	<u>1.67</u>	.06
Other remote	.09	.40	.00	.12
Other nonremote	-.09	-.04	.39	-.09
<u>Ease of getting around</u>				
Study region remote	.09	-.05	.21	.08
Study region nonremote	.13	.05	.06	.12
Other remote	.08	.07	.00	.08
Other nonremote	.22	.07	.16	.21

*A positive difference in mean ratings means that the location used is rated higher on the attribute than the best substitute location.

**A difference of a 0.5 or greater can be considered important and is underlined.

Table 11-7. Susitna Hydroelectric Project
 Difference in Mean Ratings Between Location Used and Best Substitute Location for
 Fishing Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	.01	.08	.28	.02
Study region nonremote	.01	-.06	-.01	.00
Other remote	<u>.50</u>	.00	.00	.45
Other nonremote	.11	-.04	.00	.10
<u>Cost of activity</u>				
Study region remote	.23	.22	<u>.88</u>	.26
Study region nonremote	.18	.27	<u>.51</u>	.19
Other remote	<u>.67</u>	.07	.00	<u>.61</u>
Other nonremote	.16	.12	<u>1.00</u>	.16
<u>Quality of places to stay or camp</u>				
Study region remote	-.03	.04	.11	-.02
Study region nonremote	.03	-.07	.09	.02
Other remote	.13	.00	.00	.12
Other nonremote	.22	.19	.26	.22
<u>Chance of being close to nature</u>				
Study region remote	.25	.13	.43	.25
Study region nonremote	.10	.04	.13	.09
Other remote	.46	-.07	.00	.41
Other nonremote	.04	.00	-.10	.03
<u>Family tradition of doing activity</u>				
Study region remote	-.03	.35	<u>1.04</u>	.05
Study region nonremote	.01	.07	.15	.02
Other remote	.17	.23	.00	.17
Other nonremote	.17	.01	.29	.16
<u>Overall appeal</u>				
Study region remote	.18	.14	.46	.19
Study region nonremote	.01	.02	.21	.02
Other remote	.08	.20	.00	.09
Other nonremote	.07	.05	-.10	.07

TABLE 11-8
 SUSITNA HYDROELECTRIC PROJECT
 DIFFERENCE IN MEAN RATINGS BETWEEN LOCATION USED
 AND BEST SUBSTITUTE LOCATION
 FOR NONCONSUMPTIVE ACTIVITIES*

<u>Location Attribute</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
<u>Ease of getting to area</u>				
Study region remote	-.11	-.13	<u>.64**</u>	-.04
Study region nonremote	.09	.20	.25	.10
Other remote	.02	-.06	<u>-1.00</u>	.01
Other nonremote	.23	.29	.13	.23
<u>Familiarity with location</u>				
Study region remote	-.05	.07	<u>.67</u>	.04
Study region nonremote	-.01	.15	.23	.01
Other remote	.20	<u>.53</u>	<u>2.00</u>	.22
Other nonremote	.22	.29	.09	.23
<u>Beauty of the area</u>				
Study region remote	-.09	.25	<u>.99</u>	-.03
Study region nonremote	.02	.00	<u>.87</u>	.02
Other remote	.04	-.06	<u>.00</u>	.03
Other nonremote	.18	.07	<u>.78</u>	.17
<u>Lack of crowding</u>				
Study region remote	.12	.30	<u>1.22</u>	.15
Study region nonremote	.12	.08	<u>1.33</u>	.12
Other remote	.30	-.33	<u>.00</u>	.27
Other nonremote	.06	.09	<u>.59</u>	.06
<u>Ease of getting around</u>				
Study region remote	-.15	-.15	.14	-.12
Study region nonremote	.10	.08	.11	.10
Other remote	.12	.00	.00	.12
Other nonremote	.22	.21	-.28	.22

*A positive difference in mean ratings means that the location used is rated higher on the attribute than the best substitute location.

**A difference of a 0.5 or greater can be considered important and is underlined.

Table 11-8. Susitna Hydroelectric Project
 Difference in Mean Ratings Between Location Used and Best Substitute Location for
 Nonconsumptive Activities (Cont.)

<u>Chance of getting what you wanted</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Househlds</u>
Study region remote	.04	.14	.11	.06
Study region nonremote	.07	.10	.13	.07
Other remote	.10	-.14	.00	.09
Other nonremote	.18	.03	.10	.17
<u>Cost of activity</u>				
Study region remote	-.02	.16	.86	.08
Study region nonremote	.21	.21	.33	.21
Other remote	.32	.43	.00	.32
Other nonremote	.17	.08	.15	.17
<u>Quality of places to stay or camp</u>				
Study region remote	-.02	.23	.33	.03
Study region nonremote	-.02	-.01	-.03	-.02
Other remote	-.23	.23	.00	-.21
Other nonremote	.05	.01	-.52	.04
<u>Chance of being close to nature</u>				
Study region remote	.01	.09	.13	.03
Study region nonremote	.04	.05	.11	.04
Other remote	.18	.00	.00	.17
Other nonremote	.10	.04	.12	.10
<u>Family tradition of doing activity</u>				
Study region remote	.08	.24	.52	.14
Study region nonremote	.01	.10	.23	.02
Other remote	.06	-.07	.00	.05
Other nonremote	.12	.08	-.49	.11
<u>Overall appeal</u>				
Study region remote	.18	.14	.29	.19
Study region nonremote	.05	.03	.15	.05
Other remote	.06	.00	.00	.06
Other nonremote	.14	.14	.17	.14

12.0 COMPARISON OF USER CHARACTERISTICS

12.1 INTRODUCTION

Results of the dollar value analysis by themselves suggest that the primary value of the potential inundation zone (Area 10) is its value to urban resource users. Urban resource users spend an average of over 3.5 times the amount of money as rural resource users to access remote areas of the study region. The value of their travel time is over twice that of rural resource users, and their willingness to pay is 1.5 times that of rural resource users. In aggregate, the maximum dollar value of the potential inundation zone is almost 50 times greater for urban resource users than it is for rural resource users.

A major reason that the aggregate value of the potential inundation zone is nearly 50 times greater for urban residents than it is for rural residents is that in absolute numbers, there are 28 times as many urban resource users in Area 10 as there are rural resource users. The fact that urban resource users live farther away from remote areas of the study region than rural resource users explains part of the reason that average urban expenses to access remote areas of the region are greater. All other things being equal, however, this difference should be reduced to zero if both urban and rural residents value locations the same and people's willingness to pay an additional amount to engage in the activity is considered. Under these circumstances, one would expect the average amount urban resource users are willing to pay would be less than the average amount rural resource users are willing pay.

In fact, as shown in Tables 10-1 through 10-12, urban resource users are willing to pay more than rural or small town users, on average, to engage in their activities. These results could be interpreted

to suggest that, on a per-capita basis and an aggregate basis, the values of the potential inundation zone and all other areas of the study region are greater for urban resource users than they are for small town or rural resource users. Before accepting this conclusion, it is necessary to consider the ability of different population groups to pay for their resource use activities.

12.2 SUMMARY OF HOUSEHOLD CHARACTERISTICS

Table 12-1 compares the household incomes of urban, small town, and rural resource users. The median income of urban resource users was \$45,000 in 1984. Forty-two percent of all urban resource user households had incomes exceeding \$50,000. The median income of small town resource users was slightly lower at \$40,000 in 1984. In contrast, the median income of rural resource users was only \$22,000. Less than 20 percent of all rural resource users had household incomes of \$50,000 or more in 1984, and 44 percent had incomes of under \$20,000.

The lower incomes of rural resource users is largely the result of the fact that they spent less time working for wages than urban resource users. On average, adults in urban resource user households worked 9.0 months in 1984. The average in small town resource user households was 7.9, and the average in rural resource user households was only 6.1 months in 1984.

Although rural resource users spent significantly less time than urban resource users working for wages in 1984, there is evidence that they are not substantially less qualified to obtain employment. Rural resource users have an average of 13.1 years of education, compared with 13.5 years for small town resource users and 13.9 years for urban resource users. The difference in months worked and income is more likely because there are fewer jobs in

TABLE 12-1
 SUSITNA HYDROELECTRIC PROJECT
 INCOME AND EDUCATION OF RESOURCE CONSUMERS*
 (Percent)

<u>Income</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Resource Consumers</u>
Under \$10,000	2	4	13	3
\$10,000 - 19,999	12	11	30	12
\$20,000 - 29,999	13	14	16	13
\$30,000 - 39,999	16	19	11	16
\$40,000 - 49,999	15	19	10	15
\$50,000 or more	42	38	20	41
Total	100	100	100	100
 Median Income	 \$45,000	 \$40,000	 \$22,000	 \$45,000
 <u>Education</u>				
Elementary	2	3	5	3
Some high school	5	7	7	5
High school	30	36	39	30
Some college	32	30	28	32
College	16	12	12	16
Post college	15	12	9	14
Total	100	100	100	100
 Mean Education	 13.9	 13.5	 13.2	 13.9

*Resource consumers consist of the subset of all households who have engaged in either hunting or fishing activities.

rural areas and because rural residents have chosen a lifestyle that involves substantial amounts of nonwage productive activity.

Table 12-2 compares the importance of various reasons for living in one's community among urban, small town, and rural resource users. The opportunity to get a job is very important to 56 percent of all urban resource user households, but only to 25 percent of all rural resource user households. Similar differences can be observed for the importance of economic opportunity, importance of a challenging job, and the importance of opportunities to earn a high income.

Rural resource users are much more concerned with the quality of hunting and fishing opportunities and the surrounding environment. Sixty-nine percent of rural resource users believe nearby hunting and fishing opportunities are very important compared with 44 percent of urban resource users. Seventy-one percent of rural resource users believe that being close to a wilderness environment is very important compared with 51 percent of urban resource users. Rural resource users also attach more importance to recreational opportunities; 68 percent believe that nearby outdoor recreational opportunities are very important compared with 52 percent of urban resource users.

Underlying rural interests in hunting and fishing opportunities is an interest in being self-reliant. Fifty-six percent believe that the chance to be self-reliant is very important compared with 31 percent of urban resource users. In keeping with their desires, 44 percent of all rural resource user households report that 50 percent or more of all the meat and fish consumed is from hunting and fishing (see Table 12-3). This figure compares with 18 percent of all urban resource user households.

TABLE 12-2
 SUSITNA HYDROELECTRIC PROJECT
 REASONS FOR LIVING IN COMMUNITY AMONG RESOURCE CONSUMERS
 (Percent Saying Very Important)

<u>Reasons</u>	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Resource Consumers</u>
Opportunity to get a job	56	40	25	54
Long-term economic opportunity	50	37	30	48
Having a challenging or exciting job	49	39	36	48
Opportunity to earn a high income	47	31	20	44
Nearby hunting and fishing	44	57	69	46
Being close to a wilderness environment	51	58	71	53
Nearby outdoor recreation opportunities	52	61	68	53
Chance to be self-reliant	31	39	56	32

TABLE 12-3
 SUSITNA HYDROELECTRIC PROJECT
 RESOURCE CONSUMPTION AMONG RESOURCE CONSUMERS
 (Percent)

	<u>Urban</u>	<u>Small Town</u>	<u>Rural</u>	<u>All Resource Consumers</u>
<u>Percent of Food from Hunting and Fishing</u>				
None	12	10	7	12
1 - 9 percent	32	27	18	31
10 - 24 percent	26	22	20	25
25 - 49 percent	12	13	11	12
50 - 74 percent	10	13	25	11
75 percent or more	8	15	19	9
	—	—	—	—
Total	100	100	100	100
Mean Percent	22.9	32.1	41.7	24.4

The above results suggest that rural resource users have made a conscious choice to locate their residence near areas which offer hunting, fishing, and outdoor recreation opportunities. While well-educated and probably competitive in the wage employment sector, they are less concerned with employment and income opportunities than their urban counterparts. As a result, rural household incomes average about half of urban household incomes, and rural household dependence on personal use of fish and game is about twice that of urban resource user households.

Lower mean and aggregate dollar estimates for the value of resource uses to urban, small town, and rural households must, therefore, be understood in the context of the different lifestyles present in these populations. Rural residents spend less on their resource use activities, and their willingness to pay is constrained by limited incomes. At the same time, they are more dependent on their resource use activities to provide a substantial part of their food.

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EXHIBIT A
QUESTIONNAIRE

SUSITNA HYDROELECTRIC PROJECT RESOURCE USER SURVEY

February 1985

HELLENTHAL & ASSOCIATES, INC
5000 Southampton Drive
Anchorage, Alaska 99503
(907) 561-1267 or
561-4676

ID 1-2-3-4-
CD1 5-
(CODERS ONLY)

I-1. Hello, I am _____ (FILL IN NAME) from HELLENTHAL & ASSOCIATES calling for the State of Alaska. We are conducting a survey with the University of Alaska on hunting, fishing, and outdoor recreation in Alaska. Your telephone number was randomly selected by a computer. (IF SECOND READING, GO TO INTRODUCTION #I-2)

S1. Is this telephone number _____ ? (IF NO, TERMINATE WITH, "I'm sorry I dialed the wrong number.")

S2. Is this a residential telephone? (IF NO, TERMINATE INTERVIEW WITH, "I'm sorry, I need to talk with someone at a residential telephone.")

S3. Are you the person in your household who knows the most about your household's hunting and fishing?

IF YES, THEN PROCEED TO INTRODUCTION #I-2.

IF NO, THEN ASK

Is the person home who knows the most about these activities?

IF YES, THEN ASK

May I speak with them? (GO TO INTRODUCTION #I-1 OR TERMINATE AND NOTE ON TELEPHONE CALL RECORD SHEET)

IF NO, THEN ASK

When will that person be home? (TERMINATE AND NOTE THE TIME AND DATE ON TELEPHONE CALL RECORD SHEET)

IF NO ONE IN HOUSEHOLD KNOWS ABOUT HUNTING AND FISHING ACTIVITIES THEN ASK

S4. Are you the person in your household who knows the most about your household's other outdoor recreational activities?

IF YES, THEN PROCEED TO INTRODUCTION #I-2.

IF NO, THEN ASK

Is the person home who knows the most about these activities?

IF YES, THEN ASK

May I speak with them? (GO TO INTRODUCTION #I-1 OR TERMINATE AND NOTE ON TELEPHONE CALL RECORD SHEET)

IF NO, THEN ASK

When will that person be home? (TERMINATE AND NOTE THE TIME AND DATE ON TELEPHONE CALL RECORD SHEET)

I-2. I would like to ask you some questions which will help the State of Alaska take people's hunting, fishing, and other outdoor recreational activities into account in planning for the Susitna Hydroelectric Project. All of your answers will be completely confidential and will be used only in combination with the answers of other Alaskans. The questions I need to ask can take up to 30 minutes, but I find that most of mine are shorter. The interview is completely voluntary. If we come to any questions you don't want to answer, just let me know and we will go on to the next question. (PAUSE AND PROCEED WITH QUESTION #1)

1. When was the last year you, or someone else in your household, went hunting or trapping? (IF "NEVER", THEN RECORD "00" IN COL 6-7-, THEN SKIP TO FISHING; IF NOT NEVER, THEN RECORD LAST TWO DIGITS OF YEAR IN COL 6-7- AND ASK GAME TYPES)

TYPES OF WILD GAME	98 DON'T KNOW	99 REFUSED
Hunting?.....		6-7—
Moose?.....		8-9—
Caribou?.....		10-11—
Sheep or Goat?.....		12-13—
Brown Bear?.....		14-15—
Black Bear?.....		16-17—
Small Game Hunting or Trapping, Like Ducks, Ptarmigan, Snowshoe Hare or Rabbit, Fox, Etc.?.....		18-19—

2. When was the last year you, or someone else in your household, went non-commercial fishing? (IF "NEVER", THEN RECORD "00" IN COL 20-21-, THEN SKIP TO OTHER RECREATIONAL ACTIVITIES; IF NOT-NEVER, THEN RECORD LAST TWO DIGITS OF YEAR IN COL 20-21- AND ASK FISH TYPES)

Fishing?.....	20-21—
Salmon?.....	22-23—
King Salmon?.....	24-25—
Salmon other than King?.....	26-27—
Trout?.....	28-29—
Grayling?.....	30-31—
Burbot or Fresh Water Ling Cod?.....	32-33—

3. When was the last year you, or someone else in your household, (READ LIST)

Used a Summer Off-road Vehicle?.....	34-35—
Used a Winter Off-road Vehicle?.....	36-37—
Went Skiing, Snowshoeing, or Dog Sledding?.....	38-39—
Went Boating?.....	40-41—
Went Backpacking or Tent or Recreational Vehicle Camping?.....	42-43—
Went Day hiking, Picnicing, or Berry Picking?.....	44-45—
Went Sightseeing or Took Wildlife or Scenic Photographs?.....	46-47—

In order to identify the effect of the Susitna Dam on hunting, fishing, and other outdoor recreational activities, I would like to ask about your own household's outdoor activities in two areas. The first is the area bounded by the Parks, Glen, Richardson, and Denali Highways. Communities in this area include Palmer, Wasilla, Sutton, Glennallen, Paxon, Cantwell, Talkeetna. Lake Louise, the Gulkana River, Sheep Mountain, and Byer's Lake Campground are also in this area. The second area is South and West of the Parks Highway and East of the Alaska Range. The Lower Susitna River and the Deshka River are in this area. Do you know where the two areas are that I am talking about? (IF "NO", THEN REDESCRIBE AREAS TO THEM; IF PERSISTENT "NO'S", THEN SKIP TO PAGE #5)

4. (ASK ONLY OF Q-#1 ACTIVITIES WHICH ARE NOT "NEVER" OR "00") When was the last year you, or someone else in your household, went hunting or trapping in either of these two areas? (IF "NEVER", THEN RECORD "00" IN COL 48-49-, THEN SKIP TO FISHING; IF NOT NEVER, THEN RECORD LAST TWO DIGITS OF YEAR IN COL 48-49- AND ASK GAME TYPES)

TYPES OF WILD GAME	98 DON'T KNOW	99 REFUSED	
Hunting?.....			48-49—
Moose?.....			50-51—
Caribou?.....			52-53—
Sheep or Goat?.....			54-55—
Brown Bear?.....			56-57—
Black Bear?.....			58-59—
Small Game Hunting or Trapping, Like Ducks, Ptarmigan, Snowshoe Hare or Rabbit, Fox, Etc.?.....			60-61—

5. (ASK ONLY OF Q-#2 ACTIVITIES WHICH ARE NOT "NEVER" OR "00") When was the last year you, or someone else in your household, went non-commercial fishing in either of these two areas? (IF "NEVER", THEN RECORD "00" IN COL 62-63-, THEN SKIP TO OTHER RECREATIONAL ACTIVITIES; IF NOT-NEVER, THEN RECORD LAST TWO DIGITS OF YEAR IN COL 62-63- AND ASK FISH TYPES)

Fishing?.....			62-63—
Salmon?.....			64-65—
King Salmon?.....			66-67—
Salmon other than King?.....			68-69—
Trout?.....			70-71—
Grayling?.....			72-73—
Burbot or Fresh Water Ling Cod?.....			74-75—

6. (ASK ONLY OF Q-#3 ACTIVITIES WHICH ARE NOT "NEVER" OR "00") When was the last year you, or someone else in your household, _____ (FILL IN OTHER RECREATIONAL ACTIVITIES) in either of these two areas?

OTHER RECREATIONAL ACTIVITIES:			
Used a Summer Off-road Vehicle?.....			76-77—
Used a Winter Off-road Vehicle?.....			78-79—
		ID2 1-2-3-4-	
		CD2 5-	
		(CODERS ONLY)	
Went Skiing, Snowshoeing, or Dog Sledding?.....			6-7—
Went Boating?.....			8-9—
Went Backpacking or Tent or Recreational Vehicle Camping?.....			10-11—
Went Day hiking, Picnicing, or Berry Picking?.....			12-13—
Went Sightseeing or Took Wildlife or Scenic Photographs?.....			14-15—

PAGE 4. I have a map in front of me with 15 subareas of the two areas I described to you and I need to identify which subarea your household went _____ (REPEAT FOR ALL HUNTING GAME TYPE, FISH TYPE, AND OTHER RECREATIONAL ACTIVITIES NOT GIVEN A "NEVER" OR "00" IN QUESTIONS #4, #5, AND #6) the last time during 19xx (FILL IN YEAR FROM PAGE 3). What was the closest landmark, such as a road or river, near where you _____ (FILL IN ACTIVITY TYPE) the last time? (PROBE UNTIL YOU CAN LOCATE THE PROPER SUBAREA NUMBER ON YOUR MAP)

SUBAREA _____ PAGE 4 16-57—

DON'T KNOW...(What is your best guess?)....98
 REFUSED.....99

PAGE 5. (ASK IF LAST YEARS ON PAGE #2 ARE MORE RECENT THAN LAST YEARS ON PAGE #3 — THE SUSITNA AREA) Now could you please tell me where you went _____ (FILL IN ACTIVITY TYPE) the last time you did it. Was this

- In an area 10 miles North of the Denali Highway,.....1
- In the Anchorage/Chugach Mountain area,.....2
- On the Kenai Peninsula,.....3
- In the Copper River/Wrangell/Valdez area,.....4
- In Southeast,.....5
- Elsewhere in Alaska, or was it.....6
- Outside of Alaska?.....7

PAGE 5 58-78—

DON'T KNOW.....(What is your best guess?).....8
 REFUSED.....9

PAGE 6. SEE ANSWER SHEET TO CIRCLE THE TWO SELECTED ACTIVITIES.

PAGE 6 ID3 1-2-3-4-
 CD3 5-
 (CODERS ONLY)

SELECTION METHOD FOR TWO ACTIVITIES (CIRCLE THE TWO SELECTED ON PAGE 6):

Select as activities only 70's or 80's on Pages 2 and 3.

There are activities within the Greater Susitna Area (Page 3 non-"00"):

If there are 2, take all.

If there are more than 2, count the number of Susitna Area activities, and pick random numbers between 1 and the number of activities, and count down to the random number picked. Repeat procedure for second Susitna Area activity.

If there are less than 2, take all and make up quota from outside the Susitna area.

Need activities from outside of the Susitna Area (Page 2 non-"00"):

Need 2:

If there are more than 2, count the number of activities, and pick a random number between 1 and the number of activities, and count down to the random number picked. Repeat procedure for second activity.

If there are 2 or less, take all.

Need 1:

If there are more than 1, count the number of activities, and pick a random number between 1 and the number of activities, and count down to the random number picked.

If there is 1, take it.

From the hunting, fishing, or other recreational activities you mentioned -- I have selected two that I would like to ask you further questions about. (PAUSE AND PROCEED)

12A. (IF ACTIVITY SELECTED IS "SALMON OTHER THAN KING", "TROUT" "BOATING", OR "WENT BACKPACKING OR TENT OR RECREATIONAL VEHICLE CAMPING" -- THEN ASK

12A-1. (IF "SALMON OTHER THAN KING", ASK:) Was the salmon you were last after

Silver or Coho,.....1
Red or Sockeye,.....2
Chum or Dog, or was it a.....3
Pink or Humpy?.....4
OTHER, SPECIFY _____

12—

DON'T KNOW....(What is your best guess?)....8
REFUSED.....9

12A-2. (IF "TROUT", ASK) Was the trout you were last after

Rainbow,.....1
Dolly Varden or Char, or was it2
Lake Trout?.....3
OTHER, SPECIFY _____

13—

DON'T KNOW....(What is your best guess?)....8
REFUSED.....9

12A-3. (IF "WENT BOATING", ASK) Was the boating you last did

Motorboating,.....1
Canoeing,.....2
Kayaking, or was it3
Rafting?.....4
OTHER, SPECIFY _____

14—

DON'T KNOW....(What is your best guess?)....8
REFUSED.....9

12A-4. (IF "WENT BACKPACKING OR TENT OR RECREATIONAL VEHICLE CAMPING", ASK) Was that backpacking, tent camping, or recreational vehicle camping that you did last?

BACKPACKING.....1
TENT CAMPING.....2
RECREATIONAL VEHICAL CAMPING.....3

15—

DON'T KNOW....(What is your best guess?)....8
REFUSED.....9

12B. During 19____ (FILL IN LAST YEAR OF 1ST ACTIVITY FROM PAGE 2 OR 3), how many total times did you go _____ (FILL IN 1ST ACTIVITY TYPE, NOT LOCALIZED)?

NUMBER OF TIMES _____ 16-17—

DON'T KNOW...(What is your best guess?)...98
REFUSED.....99

12C. Now thinking again of your last _____ trip (FILL IN 1ST ACTIVITY AND LOCATION) what was the last type of transportation that you used to get to where you began actually doing the activity?

NONE, JUST WALKED.....1
ROAD VEHICLE, LIKE A CAR, TRUCK, ETC.....2
AIR VEHICLE, LIKE AN AIRPLANE OR HELICOPTER.....3
WATER VEHICLE LIKE A BOAT OR CANOE.....4
OFF ROAD VEHICLE LIKE SNOWMACHINE OR 3-WHEELER...5
OTHER, SPECIFY _____

18—

DON'T KNOW.....(What is your best guess?).....8
REFUSED.....9

12D. How many total members of your household were involved in this trip?

NUMBER OF HOUSEHOLD MEMBERS _____ 19-20—

DON'T KNOW...(What is your best guess?)...98
REFUSED.....99

12E. How many total people (including those who are not members of your household, like friends; but not including guides) were involved in this trip?

NUMBER OF PEOPLE _____ 21-22—

DON'T KNOW...(What is your best guess?)...98
REFUSED.....99

12F. How many total hours and minutes did it take you to travel from your home to where you began _____ (FILL IN 1ST ACTIVITY AND LOCATION)?

NUMBER OF HOURS _____ 23-24—

NUMBER OF MINUTES _____ 25-26—

DON'T KNOW...(What is your best guess?)...98
REFUSED.....99

12G. During how many total days (including travel) did your _____ (FILL IN 1ST ACTIVITY AND LOCATION) trip take?

NUMBER OF DAYS _____ 27-28—

DON'T KNOW...(What is your best guess?)...98
REFUSED.....99

12H. Please tell me approximately how much your household spent during that trip for each of the following items: (ROUND TO NEAREST DOLLAR)

Fuel and/or other travel costs _____ 29-30-31—
Food and Drink _____ 32-33-34—
Fees and/or Guide Service _____ 35-36-37—
Lodging _____ 38-39-40—
Miscellaneous, i.e., ammunition, etc. _____ 41-42-43—
Estimated total cost of trip _____ 44-45-46-47-48—

NOTHING.....000

DON'T KNOW...(What is your best guess?)...998
REFUSED.....999

12I. You said the cost of this last trip was \$_____ (PAGE 8; Q #12H; COL 44-45-46-47-48-)?
 Would you still use this location as frequently to _____ (FILL IN 1ST ACTIVITY), if
 your cost were \$50 more? \$100 more? \$150 more? \$200 more? \$250 more? \$300 more?
 \$350 more? \$400 more? (AND SO ON, UNTIL THEY SAY "NO", THEN ASK: "What is the exact
 dollar amount?")

AMOUNT _____ 49-50-51-52-53—
 NOTHING.....00000
 OVER \$99,997.....99997
 DON'T KNOW..(What is your best guess?)..99998
 REFUSED.....99999

12J. In school, we were often given the grades A, B, C, D, or F (FAIL) to evaluate the
 quality of our work. Given that an A is very good, a B is good, a C is neither good nor
 poor, a D is poor, and an F is very poor — please grade this location and the best other
 area of the State in which you can do the same activity along the following dimensions.
 Along a scale from A to F, what grade would you give _____ (FILL IN: "This location"
 AND "Best other area of state") in terms of _____ (FILL IN DIMENSION)? (REPEAT FOR
 EACH DIMENSION AND PLACE APPROPRIATE NUMBER ON ANSWER SHEET)

	4	3	2	1	0	8	9
DIMENSION	A	B	C	D	F	DON'T KNOW	RE-FUSED
The ease of getting into the area:							
THIS LOCATION.....							54—
BEST OTHER AREA OF STATE.....							55—
Your familiarity with the area:							
THIS LOCATION.....							56—
BEST OTHER AREA OF STATE.....							57—
The beauty of the area:							
THIS LOCATION.....							58—
BEST OTHER AREA OF STATE.....							59—
The lack of crowding in the area:							
THIS LOCATION.....							60—
BEST OTHER AREA OF STATE.....							61—
The ease of getting around within the area:							
THIS LOCATION.....							62—
BEST OTHER AREA OF STATE.....							63—
The chance of getting what you wanted in the area:							
THIS LOCATION.....							64—
BEST OTHER AREA OF STATE.....							65—
The cost of this activity in the area:							
THIS LOCATION.....							66—
BEST OTHER AREA OF STATE.....							67—
The quality of places to stay or camp in the area:							
THIS LOCATION.....							68—
BEST OTHER AREA OF STATE.....							69—
The chance of being close to nature in the area:							
THIS LOCATION.....							70—
BEST OTHER AREA OF STATE.....							71—
The family tradition of doing the activity in the area:							
THIS LOCATION.....							72—
BEST OTHER AREA OF STATE.....							73—
Its overall appeal:							
THIS LOCATION.....							74—
BEST OTHER AREA OF STATE.....							75—

12K. Do you own land near where you last _____ (FILL IN 1ST ACTIVITY AND LOCATION)?

YES.....1
 NO.....2
 DON'T KNOW....(What is your best guess?)...8
 REFUSED.....9

2ND ACTIVITY

ID4 1-2-3-4-
CD4 5-
(CODERS ONLY)

Now we are to the second activity that I need further information about. (PAUSE AND PROCEED)

13A. (IF ACTIVITY SELECTED IS "SALMON OTHER THAN KING", "TROUT" "BOATING", OR "WENT BACKPACKING OR TENT OR RECREATIONAL VEHICLE CAMPING" -- THEN ASK

13A-1. (IF "SALMON OTHER THAN KING", ASK:) Was the salmon you were last after

- Silver or Coho.....1
- Red or Sockeye.....2
- Chum or Dog, or was it a.....3
- Pink or Humpy?.....4
- OTHER, SPECIFY_____

6—

- DON'T KNOW....(What is your best guess?)....8
- REFUSED.....9

13A-2. (IF "TROUT", ASK) Was the trout you were last after

- Rainbow.....1
- Dolly Varden or Char, or was it2
- Lake Trout?.....3
- OTHER, SPECIFY_____

7—

- DON'T KNOW....(What is your best guess?)....8
- REFUSED.....9

13A-3. (IF "WENT BOATING", ASK) Was the boating you last did

- Motorboating.....1
- Canoeing.....2
- Kayaking, or was it3
- Rafting?.....4
- OTHER, SPECIFY_____

8—

- DON'T KNOW....(What is your best guess?)....8
- REFUSED.....9

13A-4. (IF "WENT BACKPACKING OR TENT OR RECREATIONAL VEHICLE CAMPING", ASK) Was that backpacking, tent camping, or recreational vehicle camping that you did last?

- BACKPACKING.....1
- TENT CAMPING.....2
- RECREATIONAL VEHICAL CAMPING.....3

9—

- DON'T KNOW....(What is your best guess?)....8
- REFUSED.....9

13B. During 19____ (FILL IN LAST YEAR OF 2ND ACTIVITY FROM PAGE 2 OR 3), how many total times did you go _____ (FILL IN 2ND ACTIVITY TYPE, NOT LOCALIZED)?

NUMBER OF TIMES _____ 10-11—

- DON'T KNOW....(What is your best guess?)....98
- REFUSED.....99

12B-2. During 19__ (FILL IN LAST YEAR OF 1ST ACTIVITY FROM PAGE 3), how many total times did you go _____ (FILL IN 1ST ACTIVITY TYPE) in the two greater Susitna areas that we talked about earlier?

NUMBER OF TIMES IN TWO GREATER SUSITNA AREAS _____77-78-

DON'T KNOW.....(What is your best guess?).....98

REFUSED.....99

12B-3. During 19__ (FILL IN LAST YEAR OF 1ST ACTIVITY FROM PAGE 3), how many total times did you go _____ (FILL IN 1ST ACTIVITY TYPE, LOCALIZED TO SUBAREA) in the one of the 15 subareas of the two areas that we talked about earlier?

NUMBER OF TIMES IN SUBAREA OF SUSITNA _____79-80-

DON'T KNOW.....(What is your best guess?).....98

REFUSED.....99

13B-2. During 19__ (FILL IN LAST YEAR OF 1ST ACTIVITY FROM PAGE 3), how many total times did you go _____ (FILL IN 1ST ACTIVITY TYPE) in the two greater Susitna areas that we talked about earlier?

NUMBER OF TIMES IN TWO GREATER SUSITNA AREAS _____71-72-

DON'T KNOW.....(What is your best guess?).....98

REFUSED.....99

13B-3. During 19__ (FILL IN LAST YEAR OF 1ST ACTIVITY FROM PAGE 3), how many total times did you go _____ (FILL IN 1ST ACTIVITY TYPE, LOCALIZED TO SUBAREA) in the one of the 15 subareas of the two areas that we talked about earlier?

NUMBER OF TIMES IN SUBAREA OF SUSITNA _____73-74-

DON'T KNOW.....(What is your best guess?).....98

REFUSED.....99

13C. Now thinking again of your last _____ trip (FILL IN 2ND ACTIVITY AND LOCATION) what was the last type of transportation that you used to get to where you began actually doing the activity?

NONE, JUST WALKED.....1
ROAD VEHICLE, LIKE A CAR, TRUCK, ETC.....2
AIR VEHICLE, LIKE AN AIRPLANE OR HELICOPTER.....3
WATER VEHICLE LIKE A BOAT OR CANOE.....4
OFF ROAD VEHICLE LIKE SNOWMACHINE OR 3-WHEELER...5
OTHER, SPECIFY _____

12—

DON'T KNOW.....(What is your best guess?).....8
REFUSED.....9

13D. How many total members of your household were involved in this trip?

NUMBER OF HOUSEHOLD MEMBERS _____ 13-14—

DON'T KNOW...(What is your best guess?)....98
REFUSED.....99

13E. How many total people (including those who are not members of your household, like friends; but not including guides) were involved in this trip?

NUMBER OF PEOPLE _____ 15-16—

DON'T KNOW...(What is your best guess?)....98
REFUSED.....99

13F. How many total hours and minutes did it take you to travel from your home to where you began _____ (FILL IN 2ND ACTIVITY AND LOCATION)?

NUMBER OF HOURS _____ 17-18—

NUMBER OF MINUTES _____ 19-20—

DON'T KNOW...(What is your best guess?)....98
REFUSED.....99

13G. During how many total days (including travel) did your _____ (FILL IN 2ND ACTIVITY AND LOCATION) trip take?

NUMBER OF DAYS _____ 21-22—

DON'T KNOW...(What is your best guess?)....98
REFUSED.....99

13H. Please tell me approximately how much your household spent during that trip for each of the following items: (ROUND TO NEAREST DOLLAR)

Fuel and/or other travel costs _____ 23-24-25—
Food and Drink _____ 26-27-28—
Fees and/or Guide Service _____ 29-30-31—
Lodging _____ 32-33-34—
Miscellaneous, i.e., ammunition, etc. _____ 35-36-37—
Estimated total cost of trip _____ 38-39-40-41-42—

NOTHING.....000
DON'T KNOW...(What is your best guess?)...998
REFUSED.....999

13I. You said the cost of this last trip was \$ ____ (PAGE 11; Q #13H; COL 38-39-40-41-42-)? Would you still use this location as frequently to _____ (FILL IN 2ND ACTIVITY), if your cost were \$50 more? \$100 more? \$150 more? \$200 more? \$250 more? \$300 more? \$350 more? \$400 more? (AND SO ON, UNTIL THEY SAY "NO", THEN ASK: "What is the exact dollar amount?")

AMOUNT _____ 43-44-45-46-47—

NOTHING.....00000

OVER \$99,997.....99997
DON'T KNOW..(What is your best guess?)..99998
REFUSED.....99999

13J. In school, we were often given the grades A, B, C, D, or F (FAIL) to evaluate the quality of our work. Given that an A is very good, a B is good, a C is neither good nor poor, a D is poor, and an F is very poor — please grade this location and the best other area of the State in which you can do the same activity along the following dimensions. Along a scale from A to F, what grade would you give _____ (FILL IN: "This location" AND "Best other area of state") in terms of _____ (FILL IN DIMENSION)? (REPEAT FOR EACH DIMENSION AND PLACE APPROPRIATE NUMBER ON ANSWER SHEET)

DIMENSION	4	3	2	1	0	8	9
	A	B	C	D	F	DON'T KNOW	RE- FUSED
The ease of getting into the area:							
THIS LOCATION.....							48—
BEST OTHER AREA OF STATE.....							49—
Your familiarity with the area:							
THIS LOCATION.....							50—
BEST OTHER AREA OF STATE.....							51—
The beauty of the area:							
THIS LOCATION.....							52—
BEST OTHER AREA OF STATE.....							53—
The lack of crowding in the area:							
THIS LOCATION.....							54—
BEST OTHER AREA OF STATE.....							55—
The ease of getting around within the area:							
THIS LOCATION.....							56—
BEST OTHER AREA OF STATE.....							57—
The chance of getting what you wanted in the area:							
THIS LOCATION.....							58—
BEST OTHER AREA OF STATE.....							59—
The cost of this activity in the area:							
THIS LOCATION.....							60—
BEST OTHER AREA OF STATE.....							61—
The quality of places to stay or camp in the area:							
THIS LOCATION.....							62—
BEST OTHER AREA OF STATE.....							63—
The chance of being close to nature in the area:							
THIS LOCATION.....							64—
BEST OTHER AREA OF STATE.....							65—
The family tradition of doing the activity in the area:							
THIS LOCATION.....							66—
BEST OTHER AREA OF STATE.....							67—
Its overall appeal:							
THIS LOCATION.....							68—
BEST OTHER AREA OF STATE.....							69—

13K. Do you own land near where you last _____ (FILL IN 2ND ACTIVITY AND LOCATION)?

- YES.....1
- NO.....2
- DON'T KNOW....(What is your best guess?)....8
- REFUSED.....9

70—

14. From the following list of outdoor types equipment that you own for non-commercial use -- please tell me if your household owns that type of equipment; and if so, what you would estimate its present value to be; and what percent (%) of the value of this equipment is used for _____ (FILL IN 1ST AND 2ND ACTIVITIES, BUT NOT THEIR LOCATIONS) in the two Susitna Areas I described earlier and what percent (%) of the value of this equipment is used for _____ (FILL IN 1ST AND 2ND ACTIVITIES, BUT NOT THEIR LOCATIONS) in other areas? (REPEAT FOR EACH EQUIPMENT TYPE) (OVER \$99,997 = 99997 AND OVER 97% = 97)

EQUIPMENT TYPES	1 OWN	2 DON'T OWN	8 DON'T KNOW	9 RE- FUDED
Camping Vehicles (Like pickup-campers, RV's, Vans, etc.).....				6
ESTIMATED PRESENT VALUE _____				7-8-9-10-11
% OF VALUE USED FOR 1ST ACTIVITY IN SUSITNA _____				12-13
% OF VALUE USED FOR 1ST ACTIVITY IN OTHER AREAS _____				14-15
% OF VALUE USED FOR 2ND ACTIVITY IN SUSITNA _____				16-17
% OF VALUE USED FOR 2ND ACTIVITY IN OTHER AREAS _____				18-19
Snow Machines, Sleds, and ATV's (Like weasels, 3-wheelers, swamp buggies)...				20
ESTIMATED PRESENT VALUE _____				21-22-23-24-25
% OF VALUE USED FOR 1ST ACTIVITY IN SUSITNA _____				26-27
% OF VALUE USED FOR 1ST ACTIVITY IN OTHER AREAS _____				28-29
% OF VALUE USED FOR 2ND ACTIVITY IN SUSITNA _____				30-31
% OF VALUE USED FOR 2ND ACTIVITY IN OTHER AREAS _____				32-33
Boats and Equipment (Like canoes, kayaks, jet boats, air boats, etc.).....				34
ESTIMATED PRESENT VALUE _____				35-36-37-38-39
% OF VALUE USED FOR 1ST ACTIVITY IN SUSITNA _____				40-41
% OF VALUE USED FOR 1ST ACTIVITY IN OTHER AREAS _____				42-43
% OF VALUE USED FOR 2ND ACTIVITY IN SUSITNA _____				44-45
% OF VALUE USED FOR 2ND ACTIVITY IN OTHER AREAS _____				46-47
Airplane.....				48
ESTIMATED PRESENT VALUE _____				49-50-51-52-53
% OF VALUE USED FOR 1ST ACTIVITY IN SUSITNA _____				54-55
% OF VALUE USED FOR 1ST ACTIVITY IN OTHER AREAS _____				56-57
% OF VALUE USED FOR 2ND ACTIVITY IN SUSITNA _____				58-59
% OF VALUE USED FOR 2ND ACTIVITY IN OTHER AREAS _____				60-61
Hunting, Fishing and Camping Equipment and Gear (like rifles, fishing rods, tents, sleeping bags, skis, cameras, special clothes, etc.).....				62
ESTIMATED PRESENT VALUE _____				63-64-65-66-67
% OF VALUE USED FOR 1ST ACTIVITY IN SUSITNA _____				68-69
% OF VALUE USED FOR 1ST ACTIVITY IN OTHER AREAS _____				70-71
% OF VALUE USED FOR 2ND ACTIVITY IN SUSITNA _____				72-73
% OF VALUE USED FOR 2ND ACTIVITY IN OTHER AREAS _____				74-75

LEAVE THIS COLUMN BLANK 6-

16. What percent (%) of the meat and fish consumed by your household is from hunting and fishing?

PERCENT OF MEAT AND FISH _____ 7-8-9—

DON'T KNOW...(What is your best guess?)...998
 REFUSED.....999

17. How many total years and months have you lived in Alaska? (WRITE NUMBER OF YEARS AND MONTHS ON ANSWER SHEET)

XX YEARS _____ 10-11—

XX MONTHS _____ 12-13—

DON'T KNOW...(WHAT IS YOUR BEST GUESS?)...998
 REFUSED.....999

18. How many total years and months have you lived in _____ ? (FILL IN NAME OF COMMUNITY) (WRITE NUMBER OF YEARS AND MONTHS ON ANSWER SHEET)

XX YEARS _____ 14-15—

XX MONTHS _____ 16-17—

DON'T KNOW...(What is your best guess?)...998
 REFUSED.....999

19. Given that an A is very important, a B is important, a C is neither important or unimportant, a D is unimportant, and an F is very unimportant — please grade each of the following qualities in terms of how important that quality is to you, personally, for living in _____ (FILL IN NAME OF COMMUNITY). Along a scale from A to F, what grade would you give _____ (FILL IN EVERY QUALITY) for living in _____ (FILL IN NAME OF COMMUNITY)?

	4	3	2	1	0	8	9	
QUALITY	A	B	C	D	F	DON'T	RE-	
						KNOW	FUSED	
Being near friends.....								18—
The opportunity to get a job.....								19—
The long-term economic opportunity.....								20—
A chance to get away from urban problems.....								21—
Having a challenging or exciting job.....								22—
Being close to a wilderness environment.....								23—
Having an opportunity to earn a high income.....								24—
Having a chance to be self-reliant, to live more of a subsistence or pioneer's lifestyle.....								25—
Being part of a small community.....								26—
Being nearby hunting and fishing.....								27—
Being nearby outdoor recreational opportunities.....								28—
Curiosity about Alaska.....								29—
School or military.....								30—
A chance to be independent, to start something new.....								31—

20. Please tell me when each person living in your household was born and their gender or sex. Please start with yourself.

(WRITE IN LAST TWO DIGITS OF YEAR BORN ON ANSWER SHEET)
DON'T KNOW.....(What is your best guess?).....98
REFUSED.....99

(WRITE MALE FEMALE CODES ON ANSWER SHEET)
MALE.....1
FEMALE.....2

DON'T KNOW...(WHAT IS YOUR BEST GUESS?).....8
REFUSED.....9

LAST TWO DIGITS OF YEAR BORN FOR RESPONDENT _____ 32-33 _____
SEX OF RESPONDENT _____ 34 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #2 _____ 35-36 _____
SEX OF PERSON #2 _____ 37 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #3 _____ 38-39 _____
SEX OF PERSON #3 _____ 40 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #4 _____ 41-42 _____
SEX OF PERSON #4 _____ 43 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #5 _____ 44-45 _____
SEX OF PERSON #5 _____ 46 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #6 _____ 47-48 _____
SEX OF PERSON #6 _____ 49 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #7 _____ 50-51 _____
SEX OF PERSON #7 _____ 52 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #8 _____ 53-54 _____
SEX OF PERSON #8 _____ 55 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #9 _____ 56-57 _____
SEX OF PERSON #9 _____ 58 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #10 _____ 59-60 _____
SEX OF PERSON #10 _____ 61 _____

LAST TWO DIGITS OF YEAR BORN FOR PERSON #11 _____ 62-63 _____
SEX OF PERSON #11 _____ 64 _____

21. How many total years of education have you completed? (FORMAL ATTENDANCE IN SCHOOL)
(EIGHTH GRADE = 8; HIGH SCHOOL = 12; TRADE SCHOOL = 14; COLLEGE GRADUATE — BA OR BS = 16;
MASTERS DEGREE = 18; LAWYER, DOCTOR, PH.D = 19)

YEARS OF EDUCATION _____ 65-66 _____
REFUSED.....99

LEAVE THIS COLUMN BLANK 67--

The last few questions are being collected purely for statistical purposes.

23. During 1984, how many individuals in your household worked fulltime 35 or more hours per week?

NUMBER OF FULLTIME WORKERS _____ 68-69—
DON'T KNOW... (WHAT IS YOUR BEST GUESS?)....98
REFUSED.....99

23b. How many part-time, 34 or less hours?

NUMBER OF PART-TIME WORKERS _____ 70—
NONE.....00
DON'T KNOW... (WHAT IS YOUR BEST GUESS?)....98
REFUSED.....99

24. During 1984, how many total months was everyone in your household employed? (ADD ALL HOUSEHOLD MEMBERS TOGETHER)

TOTAL NUMBER OF MONTHS _____ 71-72—
DON'T KNOW... (What is your best guess?)....98
REFUSED.....99

25. Are you presently seasonally employed, annually employed, unemployed and looking for work, not looking for work, or retired?

SEASONALLY EMPLOYED.....1
ANNUALLY EMPLOYED.....2
UNEMPLOYED AND LOCKING FOR WORK.....3
NOT LOOKING FOR WORK.....4
RETIRED.....5
REFUSED.....9
73—

26. Including only those presently living at home, what was your total household income for 1984, before taxes and other deductions were made? Please tell me the figure to the nearest thousand dollars. (WRITE IN, TO THE NEAREST THOUSAND DOLLARS, THE NUMBER ON THE ANSWER SHEET)

XXX THOUSAND DOLLARS _____ 74-75-76—
DON'T KNOW... (What is your best guess?)....998
REFUSED..... (ASK COL 59-).....999

26b. We don't need the exact dollar figure; could you tell me which of these broad categories it falls in...

Less than 16,000 dollars,.....1
Between 16,000 and 25,000 dollars,.....2
Between 26,000 and 35,000 dollars,.....3
Between 36,000 and 45,000 dollars,.....4
Between 46,000 and 55,000 dollars,.....5
Between 56,000 and 65,000 dollars,.....6
Between 66,000 and 75,000 dollars, or.....7
More than 75,000 dollars?.....8
REFUSED.....9
77—

27. Is your telephone number.....

Listed or.....1
Unlisted.....2
DON'T KNOW... (WHAT IS YOUR BEST GUESS?)....8
REFUSED.....9
78—

26. What is the likelihood that you, or someone else in your household, will go sports fishing this year? Would you say it is very likely, somewhat likely, somewhat unlikely, or very unlikely?

VERY LIKELY.....1
SOMEWHAT LIKELY.....2
SOMEWHAT UNLIKELY.....3
VERY UNLIKELY.....4

79—

DON'T KNOW....(What is your best guess?)....8
REFUSED.....9

28B. (IF VERY UNLIKELY, THEN SKIP THIS QUESTION) May we call you in a few months for another survey for the State about sports fishing?

YES.....1
NO.....2

80—

DON'T KNOW... (WHAT IS YOUR BEST GUESS?)....8
REFUSED.....9

THIS COMPLETES THE SURVEY, THANKYOU VERY MUCH FOR HELPING US — GOODBYE

EXHIBIT B

RESOURCE USE ESTIMATES

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INTERPRETATION OF TABLES
IN EXHIBIT B

The tables in Exhibit E are paired. Tables on the left-facing page contain percentages, and tables on the right-facing page contain the corresponding absolute numbers. Both the percentages and absolute numbers refer to one of four population groups: all study area households, urban households, small town households, and rural households. The table titles indicate which of the four population groups is the subject of a particular table.

The percentages shown represent upper and lower bound estimates of the true population percentage. The true population percentage could only be determined if the survey sample included all households. The standard errors upon which the upper and lower bound estimates were derived were calculated as follows:

$$se = \sqrt{\frac{(P)(1-P)}{n}}$$

where P equals the proportion observed in the survey
n equals the effective sample size and
se equals the estimated standard error

The estimated standard was multiplied by 1.96 and the product was added to and subtracted from the observed survey percentage to produce upper and lower bound percentage estimates. If the survey were replicated an infinite number of times, the observed survey percentages would fall within the reported range 95 percent of the time. A more intuitive interpretation of the reported ranges is that there is a 95 percent chance that the true population percentage is contained within the range.

The absolute numbers reported are simply the product of the reported percentages and the total number of households in the population group. There are an estimated 122,753 households in the study area as a whole, 106,215 urban households, 13,878 small town households, and 2,660 rural households.

NOTE:

"Susitna Study Area" in all tables in Appendix B refers to the same area defined in the main body of the report as the Study Region (see Figure 3-1).

Table B.1.
Susitna Hydroelectric Project, Percentage
of All Households Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	56.7%	59.5%	50.9%	53.7%	40.6%	43.4%
In Alaska	55.5%	58.3%	50.4%	53.2%	40.5%	43.3%
Susitna Study Area	29.1%	31.7%	26.6%	29.0%	20.7%	22.9%
Area One	1.7%	2.5%	1.6%	2.4%	1.3%	1.9%
Area Two	6.8%	8.2%	6.2%	7.6%	4.9%	6.1%
Area Three	4.5%	5.7%	4.0%	5.2%	2.8%	3.8%
Area Four	0.5%	0.9%	0.4%	0.8%	0.4%	0.8%
Area Five	1.2%	1.8%	1.0%	1.6%	0.9%	1.5%
Area Six	1.4%	2.2%	1.3%	2.1%	1.0%	1.6%
Area Seven	0.9%	1.5%	0.8%	1.4%	0.6%	1.0%
Area Eight	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Nine	0.7%	1.3%	0.6%	1.2%	0.4%	0.8%
Area Ten	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Thirteen	4.7%	5.9%	4.3%	5.5%	3.4%	4.4%
Area Fourteen	2.2%	3.0%	1.9%	2.7%	1.5%	2.3%
10 Miles North of Denali Hwy	1.0%	1.6%	0.9%	1.5%	0.6%	1.2%
Anchorage/Chugach Mtn. Area	2.2%	3.0%	2.0%	2.8%	1.6%	2.4%
Kenai Peninsula	7.7%	9.3%	7.1%	8.5%	6.1%	7.5%
Copper R./Wrangell/Valdez	1.3%	2.1%	1.1%	1.7%	0.9%	1.5%
Southeast Alaska	0.9%	1.5%	0.9%	1.5%	0.6%	1.0%
Elsewhere in Alaska	1.5%	2.3%	16.4%	18.4%	12.9%	14.9%
Outside Alaska	2.4%	3.4%	1.3%	1.9%	0.5%	0.9%

Table B.2.
Susitna Hydroelectric Project, Number of
All Households Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	69640	73000	62500	65900	49880	53230
In Alaska	68160	71530	61890	65280	49760	53110
Susitna Study Area	35750	38880	32600	35650	25360	28160
Area One	2090	3060	1980	2930	1540	2390
Area Two	8310	10100	7610	9330	5980	7530
Area Three	5510	7010	4930	6360	3440	4660
Area Four	580	1140	470	1000	470	1000
Area Five	1430	2250	1210	1980	1100	1840
Area Six	1760	2660	1650	2530	1210	1980
Area Seven	1100	1840	1000	1700	680	1280
Area Eight	90	400	90	400	20	230
Area Nine	890	1570	780	1430	470	1000
Area Ten	180	550	180	550	90	400
Area Eleven	20	230	20	230	20	230
Area Twelve	90	400	90	400	20	230
Area Thirteen	5740	7270	5280	6750	4130	5450
Area Fourteen	2650	3730	2310	3330	1870	2800
10 Miles North of Denali Hwy	1210	1980	1100	1840	780	1430
Anchorage/Chugach Mtn. Area	2650	3730	2430	3470	1980	2930
Kenai Peninsula	9490	11380	8660	10490	7490	9200
Copper R./Wrangell/Valdez	1650	2530	1320	2120	1100	1840
Southeast Alaska	1100	1840	1100	1840	680	1280
Elsewhere in Alaska	1870	2800	20070	22650	15890	18240
Outside Alaska	2990	4130	1540	2390	580	1140

Table B.3.
Susitna Hydroelectric Project, Percentage
of Urban Households Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	54.2%	58.4%	48.2%	52.4%	37.6%	41.8%
In Alaska	52.9%	57.1%	47.5%	51.7%	37.5%	41.7%
Susitna Study Area	26.5%	30.3%	24.0%	27.8%	19.0%	21.4%
Area One	1.3%	2.5%	1.2%	2.4%	1.0%	2.0%
Area Two	5.6%	7.8%	5.1%	7.1%	3.8%	5.6%
Area Three	3.8%	5.6%	3.4%	5.2%	2.2%	3.6%
Area Four	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Five	0.9%	1.9%	0.7%	1.7%	0.7%	1.5%
Area Six	1.2%	2.2%	1.0%	2.0%	0.7%	1.7%
Area Seven	0.7%	1.5%	0.6%	1.4%	0.3%	1.1%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Nine	0.6%	1.4%	0.5%	1.3%	0.3%	1.1%
Area Ten	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	4.4%	6.2%	4.0%	5.8%	3.0%	4.6%
Area Fourteen	1.8%	3.0%	1.6%	2.8%	1.2%	2.2%
10 Miles North of Denali Hwy	0.8%	1.8%	0.8%	1.8%	0.5%	1.3%
Anchorage/Chugach Mtn. Area	2.0%	3.4%	1.8%	3.2%	1.5%	2.7%
Kenai Peninsula	8.2%	10.6%	7.4%	9.8%	6.4%	8.6%
Copper R./Wrangell/Valdez	0.7%	1.5%	0.5%	1.3%	0.3%	1.1%
Southeast Alaska	0.8%	1.8%	0.8%	1.8%	0.5%	1.3%
Elsewhere in Alaska	17.5%	20.9%	15.9%	19.1%	12.4%	15.4%
Outside Alaska	2.5%	4.1%	1.2%	2.4%	0.4%	1.2%

Table B.4.
Susitna Hydroelectric Project, Number of
Urban Households Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	57570	62030	51180	55680	39960	44370
In Alaska	56180	60660	50430	54930	39860	44260
Susitna Study Area	28130	32200	25540	29480	19130	22720
Area One	1400	2630	1310	2510	1050	2140
Area Two	5990	8240	5400	7560	4040	5940
Area Three	4040	5940	3650	5480	2320	3840
Area Four	290	980	290	980	210	850
Area Five	960	2020	780	1760	700	1640
Area Six	1220	2390	1050	2140	780	1760
Area Seven	700	1640	610	1510	370	1120
Area Eight	10	410	10	410	0	250
Area Nine	610	1510	530	1380	370	1120
Area Ten	70	560	70	560	10	410
Area Eleven	0	250	0	250	0	250
Area Twelve	0	250	0	250	0	250
Area Thirteen	4620	6640	4230	6180	3180	4900
Area Fourteen	1860	3240	1680	3000	1220	2390
10 Miles North of Denali Hwy	870	1890	870	1890	530	1380
Anchorage/Chugach Mtn. Area	2140	3600	1950	3360	1580	2880
Kenai Peninsula	8670	11300	7870	10400	6780	9150
Copper R./Wrangell/Valdez	700	1640	530	1380	370	1120
Southeast Alaska	870	1890	870	1890	530	1380
Elsewhere in Alaska	18620	22170	16880	20300	13210	16320
Outside Alaska	2700	4310	1310	2510	450	1250

Table B.5.
Susitna Hydroelectric Project, Percentage
of Small Town Households Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	64.7%	68.9%	61.4%	65.6%	52.1%	56.5%
In Alaska	64.4%	68.6%	61.1%	65.3%	52.1%	56.5%
Susitna Study Area	39.6%	44.0%	37.4%	41.6%	32.4%	36.6%
Area One	2.3%	3.9%	2.3%	3.7%	2.0%	3.4%
Area Two	11.0%	13.8%	10.5%	13.3%	9.1%	11.7%
Area Three	6.0%	8.2%	5.5%	7.7%	4.9%	6.9%
Area Four	0.6%	1.4%	0.6%	1.4%	0.4%	1.2%
Area Five	2.2%	3.6%	1.9%	3.3%	1.6%	3.0%
Area Six	1.9%	3.3%	1.8%	3.2%	1.2%	2.4%
Area Seven	1.2%	2.4%	1.0%	2.2%	0.9%	1.9%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Nine	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Twelve	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Thirteen	4.0%	6.0%	3.9%	5.7%	3.3%	5.1%
Area Fourteen	2.9%	4.5%	2.6%	4.2%	2.3%	3.9%
10 Miles North of Denali Hwy	0.3%	1.1%	0.3%	0.9%	0.3%	0.9%
Anchorage/Chugach Mtn. Area	1.0%	2.2%	1.0%	2.2%	0.9%	1.9%
Kenai Peninsula	2.3%	3.7%	2.2%	3.6%	1.9%	3.3%
Copper R./Wrangell/Valdez	4.4%	6.4%	4.3%	6.3%	3.5%	5.3%
Southeast Alaska	0.1%	0.7%	0.1%	0.7%	0.1%	0.5%
Elsewhere in Alaska	15.4%	18.8%	14.6%	17.8%	11.6%	14.6%
Outside Alaska	0.3%	1.1%	0.1%	0.7%	.0%	0.2%

Table B.6.
Susitna Hydroelectric Project, Number of
Small Town Households Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	8980	9560	8520	9110	7230	7840
In Alaska	8940	9520	8480	9060	7230	7840
Susitna Study Area	5500	6100	5180	5780	4500	5080
Area One	320	540	310	520	280	470
Area Two	1520	1920	1450	1850	1260	1630
Area Three	830	1140	760	1070	680	960
Area Four	80	200	80	200	60	170
Area Five	300	500	250	460	230	410
Area Six	260	460	250	440	170	330
Area Seven	170	330	150	300	120	270
Area Eight	0	50	0	50	0	50
Area Nine	40	130	40	130	40	130
Area Ten	0	30	0	30	0	30
Area Eleven	0	50	0	50	0	50
Area Twelve	10	70	10	70	10	70
Area Thirteen	560	830	540	800	460	710
Area Fourteen	400	630	360	580	320	540
10 Miles North of Denali Hwy	50	150	40	130	40	130
Anchorage/Chugach Mtn. Area	150	300	150	300	120	270
Kenai Peninsula	310	520	300	500	260	460
Copper R./Wrangell/Valdez	610	890	600	870	490	740
Southeast Alaska	20	90	20	90	10	70
Elsewhere in Alaska	2140	2600	2020	2470	1610	2020
Outside Alaska	50	150	20	90	0	30

Table B.7.
Susitna Hydroelectric Project, Percentage
of Rural Households Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	80.7%	85.7%	74.5%	80.1%	65.6%	71.8%
In Alaska	80.1%	85.1%	74.1%	79.7%	65.5%	71.7%
Susitna Study Area	44.7%	51.3%	40.1%	46.7%	33.6%	40.0%
Area One	2.6%	5.2%	2.6%	5.2%	2.0%	4.2%
Area Two	12.0%	16.6%	11.7%	16.3%	10.1%	14.5%
Area Three	6.4%	10.0%	5.6%	9.0%	4.7%	7.9%
Area Four	0.2%	1.2%	0.2%	1.2%	0.1%	1.1%
Area Five	0.9%	2.7%	0.8%	2.6%	0.8%	2.6%
Area Six	2.2%	4.6%	1.3%	3.3%	1.2%	3.0%
Area Seven	1.0%	2.8%	1.0%	2.8%	0.2%	1.2%
Area Eight	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Nine	1.1%	2.9%	0.3%	1.5%	0.2%	1.4%
Area Ten	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Eleven	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Twelve	0.2%	1.2%	0.1%	1.1%	.0%	1.0%
Area Thirteen	4.6%	7.8%	4.0%	7.0%	3.5%	6.3%
Area Fourteen	2.5%	4.9%	2.1%	4.5%	1.6%	3.6%
10 Miles North of Denali Hwy	0.5%	1.9%	0.5%	1.9%	0.5%	1.9%
Anchorage/Chugach Mtn. Area	1.6%	3.6%	1.2%	3.0%	1.2%	3.0%
Kenai Peninsula	1.0%	2.8%	1.0%	2.8%	0.6%	2.2%
Copper R./Wrangell/Valdez	3.4%	6.2%	3.0%	5.8%	2.8%	5.4%
Southeast Alaska	1.6%	3.6%	0.0%	0.3%	0.0%	0.0%
Elsewhere in Alaska	13.5%	18.3%	17.0%	22.2%	15.9%	21.1%
Outside Alaska	1.1%	2.9%	0.2%	1.2%	0.0%	0.7%

Table B.8.
Susitna Hydroelectric Project, Number of
Rural Households Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	2150	2280	1980	2130	1750	1910
In Alaska	2130	2260	1970	2120	1740	1910
Susitna Study Area	1190	1360	1070	1240	890	1060
Area One	70	140	70	140	50	110
Area Two	320	440	310	430	270	380
Area Three	170	270	150	240	120	210
Area Four	0	30	0	30	0	30
Area Five	20	70	20	70	20	70
Area Six	60	120	30	90	30	80
Area Seven	30	70	30	70	0	30
Area Eight	0	10	0	10	0	10
Area Nine	30	80	10	40	10	40
Area Ten	0	10	0	10	0	10
Area Eleven	0	10	0	10	0	10
Area Twelve	0	30	0	30	0	30
Area Thirteen	120	210	110	190	90	170
Area Fourteen	70	130	60	120	40	100
10 Miles North of Denali Hwy	10	50	10	50	10	50
Anchorage/Chugach Mtn. Area	40	100	30	80	30	80
Kenai Peninsula	30	70	30	70	20	60
Copper R./Wrangell/Valdez	90	170	80	150	70	140
Southeast Alaska	40	100	0	10	0	0
Elsewhere in Alaska	360	490	450	590	420	560
Outside Alaska	30	80	0	30	0	20

Table B.9.
Susitna Hydroelectric Project, Percentage
of All Households Moose Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	41.1%	43.9%	37.0%	39.6%	27.6%	30.2%
In Alaska	40.6%	43.4%	36.5%	39.1%	27.4%	30.0%
Susitna Study Area	24.9%	27.3%	22.4%	24.8%	16.3%	18.3%
Area One	1.4%	2.2%	1.3%	2.1%	1.1%	1.7%
Area Two	6.0%	7.4%	5.4%	6.8%	4.1%	5.3%
Area Three	2.7%	3.7%	2.4%	3.4%	1.3%	2.1%
Area Four	0.5%	0.9%	0.4%	0.8%	0.3%	0.7%
Area Five	1.0%	1.6%	0.7%	1.3%	0.6%	1.0%
Area Six	1.1%	1.7%	0.9%	1.5%	0.6%	1.2%
Area Seven	0.6%	1.2%	0.5%	0.9%	0.3%	0.7%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.7%	1.3%	0.6%	1.0%	0.4%	0.8%
Area Ten	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%
Area Thirteen	5.2%	6.4%	4.8%	6.0%	3.4%	4.4%
Area Fourteen	1.3%	2.1%	1.3%	1.9%	1.0%	1.6%
10 Miles North of Denali Hwy	0.7%	1.3%	0.7%	1.3%	0.5%	0.9%
Anchorage/Chugach Mtn. Area	1.2%	1.8%	1.0%	1.6%	0.7%	1.3%
Kenai Peninsula	4.3%	5.5%	3.6%	4.6%	2.9%	3.9%
Copper R./Wrangell/Valdez	0.9%	1.5%	0.6%	1.2%	0.5%	0.9%
Southeast Alaska	0.6%	1.2%	0.6%	1.0%	0.4%	0.8%
Elsewhere in Alaska	14.1%	16.1%	12.7%	14.7%	9.4%	11.0%
Outside Alaska	0.2%	0.6%	0.1%	0.5%	.0%	0.2%

Table B.10.
Susitna Hydroelectric Project, Number of
All Households Moose Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	50490	53950	45360	48670	33940	37020
In Alaska	49880	53230	44750	48050	33690	36770
Susitna Study Area	30550	33530	27530	30410	19950	22520
Area One	1760	2660	1650	2530	1320	2120
Area Two	7380	9070	6670	8300	5050	6490
Area Three	3330	4530	2990	4130	1650	2530
Area Four	580	1140	470	1000	370	850
Area Five	1210	1980	890	1570	680	1280
Area Six	1320	2120	1100	1840	780	1430
Area Seven	780	1430	580	1140	370	850
Area Eight	20	230	20	230	20	230
Area Nine	890	1570	680	1280	470	1000
Area Ten	90	400	90	400	20	230
Area Eleven	20	230	20	230	20	230
Area Twelve	90	400	90	400	90	400
Area Thirteen	6330	7910	5860	7400	4130	5450
Area Fourteen	1650	2530	1540	2390	1210	1980
10 Miles North of Denali Hwy	890	1570	890	1570	580	1140
Anchorage/Chugach Mtn. Area	1430	2250	1210	1980	890	1570
Kenai Peninsula	5280	6750	4360	5710	3560	4790
Copper R./Wrangell/Valdez	1100	1840	780	1430	580	1140
Southeast Alaska	780	1430	680	1280	470	1000
Elsewhere in Alaska	17320	19750	15650	17990	11490	13550
Outside Alaska	280	710	180	550	20	230

Table B.11.
Susitna Hydroelectric Project, Percentage
of Urban Households Moose Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	37.8%	42.0%	33.6%	37.6%	24.4%	28.2%
In Alaska	37.2%	41.4%	33.0%	37.0%	24.1%	27.9%
Susitna Study Area	21.6%	25.2%	19.3%	22.7%	13.3%	16.3%
Area One	1.0%	2.0%	1.0%	2.0%	0.7%	1.7%
Area Two	4.6%	6.6%	4.1%	5.9%	2.9%	4.5%
Area Three	2.1%	3.5%	1.8%	3.2%	0.8%	1.8%
Area Four	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Five	0.7%	1.5%	0.4%	1.2%	0.3%	1.1%
Area Six	0.7%	1.7%	0.6%	1.4%	0.4%	1.2%
Area Seven	0.3%	1.1%	0.3%	0.9%	0.1%	0.7%
Area Eight	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Nine	0.6%	1.4%	0.4%	1.2%	0.3%	0.9%
Area Ten	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	4.7%	6.7%	4.4%	6.2%	2.9%	4.5%
Area Fourteen	1.0%	2.0%	1.0%	2.0%	0.7%	1.7%
10 Miles North of Denali Hwy	0.6%	1.4%	0.6%	1.4%	0.3%	1.1%
Anchorage/Chugach Mtn. Area	1.0%	2.0%	0.8%	1.8%	0.6%	1.4%
Kenai Peninsula	4.4%	6.2%	3.5%	5.3%	2.8%	4.4%
Copper R./Wrangell/Valdez	0.4%	1.2%	0.2%	0.8%	0.1%	0.7%
Southeast Alaska	0.6%	1.4%	0.5%	1.3%	0.3%	1.1%
Elsewhere in Alaska	13.6%	16.6%	12.2%	15.2%	8.8%	11.4%
Outside Alaska	0.1%	0.7%	0.1%	0.7%	.0%	0.2%

Table B.12.
Susitna Hydroelectric Project, Number of
Urban Households Moose Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	40180	44580	35660	39970	25950	29920
In Alaska	39540	43940	35030	39320	25640	29590
Susitna Study Area	22950	26760	20470	24140	14120	17320
Area One	1050	2140	1050	2140	780	1760
Area Two	4910	6980	4330	6290	3080	4780
Area Three	2230	3720	1950	3360	870	1890
Area Four	290	980	290	980	210	850
Area Five	700	1640	450	1250	370	1120
Area Six	780	1760	610	1510	450	1250
Area Seven	370	1120	290	980	140	710
Area Eight	0	250	0	250	0	0
Area Nine	610	1510	450	1250	290	980
Area Ten	10	410	10	410	0	250
Area Eleven	0	250	0	250	0	250
Area Twelve	0	250	0	250	0	250
Area Thirteen	5010	7100	4620	6640	3080	4780
Area Fourteen	1050	2140	1050	2140	780	1760
10 Miles North of Denali Hwy	610	1510	610	1510	370	1120
Anchorage/Chugach Mtn. Area	1050	2140	870	1890	610	1510
Kenai Peninsula	4620	6640	3750	5600	2980	4660
Copper R./Wrangell/Valdez	450	1250	210	850	140	710
Southeast Alaska	610	1510	530	1380	370	1120
Elsewhere in Alaska	14430	17650	13000	16100	9370	12080
Outside Alaska	140	710	140	710	0	250

Table B.13.
Susitna Hydroelectric Project, Percentage
of Small Town Households Moose Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	54.4%	58.8%	50.7%	55.1%	41.0%	45.4%
In Alaska	54.3%	58.7%	50.7%	55.1%	41.2%	45.6%
Susitna Study Area	37.9%	42.3%	35.4%	39.6%	29.2%	33.2%
Area One	2.4%	4.0%	2.3%	3.9%	2.0%	3.4%
Area Two	11.3%	14.3%	11.0%	13.8%	9.0%	11.6%
Area Three	4.6%	6.6%	4.0%	6.0%	3.5%	5.3%
Area Four	0.6%	1.4%	0.6%	1.4%	0.4%	1.2%
Area Five	1.9%	3.3%	1.6%	3.0%	1.3%	2.5%
Area Six	2.0%	3.4%	1.8%	3.2%	1.0%	2.2%
Area Seven	1.0%	2.2%	0.9%	1.9%	0.7%	1.7%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Nine	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Area Ten	0.1%	0.5%	0.1%	0.5%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Thirteen	4.5%	6.5%	4.2%	6.2%	3.6%	5.4%
Area Fourteen	2.1%	3.5%	1.8%	3.2%	1.5%	2.7%
10 Miles North of Denali Hwy	0.4%	1.2%	0.3%	0.9%	0.3%	0.9%
Anchorage/Chugach Mtn. Area	1.0%	2.0%	1.0%	2.0%	0.6%	1.6%
Kenai Peninsula	1.7%	3.1%	1.6%	2.8%	1.2%	2.4%
Copper R./Wrangell/Valdez	2.5%	4.1%	2.4%	4.0%	2.0%	3.4%
Southeast Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	12.9%	15.9%	11.8%	14.8%	8.8%	11.4%
Outside Alaska	.0%	0.2%	0.0%	0.0%	0.0%	0.0%

Table B.14.
Susitna Hydroelectric Project, Number of
Small Town Households Moose Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	7550	8160	7040	7650	5690	6300
In Alaska	7540	8140	7040	7650	5720	6330
Susitna Study Area	5270	5860	4910	5500	4050	4610
Area One	340	550	320	540	280	470
Area Two	1570	1980	1520	1920	1240	1610
Area Three	640	920	560	830	490	740
Area Four	80	200	80	200	60	170
Area Five	260	460	230	410	180	350
Area Six	280	470	250	440	150	300
Area Seven	150	300	120	270	100	230
Area Eight	0	50	0	50	0	30
Area Nine	40	130	40	130	40	130
Area Ten	10	70	10	70	0	30
Area Eleven	0	30	0	30	0	30
Area Twelve	0	50	0	50	0	50
Area Thirteen	620	900	590	860	500	750
Area Fourteen	290	490	250	440	200	380
10 Miles North of Denali Hwy	60	170	40	130	40	130
Anchorage/Chugach Mtn. Area	130	280	130	280	90	220
Kenai Peninsula	240	430	220	390	170	330
Copper R./Wrangell/Valdez	350	570	340	550	280	470
Southeast Alaska	0	30	0	30	0	30
Elsewhere in Alaska	1780	2210	1640	2050	1220	1590
Outside Alaska	0	30	0	0	0	0

Table B.15.
Susitna Hydroelectric Project, Percentage
of Rural Households Moose Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	73.3%	78.9%	67.7%	73.7%	54.0%	60.6%
In Alaska	73.1%	78.7%	67.6%	73.6%	54.2%	60.8%
Susitna Study Area	57.9%	64.3%	52.4%	59.0%	41.3%	47.9%
Area One	3.1%	5.9%	3.0%	5.8%	2.1%	4.5%
Area Two	16.1%	21.3%	15.3%	20.3%	11.8%	16.4%
Area Three	6.7%	10.3%	5.9%	9.3%	4.3%	7.3%
Area Four	0.7%	2.3%	0.6%	2.0%	0.5%	1.9%
Area Five	1.8%	4.0%	1.6%	3.6%	1.2%	3.2%
Area Six	2.5%	5.1%	1.6%	3.8%	1.1%	2.9%
Area Seven	2.1%	4.5%	2.0%	4.4%	0.9%	2.7%
Area Eight	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%
Area Nine	0.6%	2.2%	0.6%	2.0%	0.5%	1.9%
Area Ten	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Eleven	0.0%	0.5%	0.0%	0.5%	0.0%	0.3%
Area Twelve	0.3%	1.5%	0.2%	1.2%	0.1%	1.1%
Area Thirteen	7.8%	11.8%	6.9%	10.7%	6.1%	9.7%
Area Fourteen	3.0%	5.6%	2.8%	5.4%	2.4%	4.8%
10 Miles North of Denali Hwy	0.6%	2.0%	0.6%	2.0%	0.6%	2.0%
Anchorage/Chugach Mtn. Area	1.6%	3.8%	1.5%	3.5%	1.1%	2.9%
Kenai Peninsula	0.8%	2.4%	0.8%	2.4%	0.7%	2.3%
Copper R./Wrangell/Valdez	3.5%	6.3%	3.1%	5.9%	2.6%	5.2%
Southeast Alaska	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Elsewhere in Alaska	15.9%	21.1%	14.7%	19.7%	10.8%	15.2%
Outside Alaska	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table B.16.
Susitna Hydroelectric Project, Number of
Rural Households Moose Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1950	2100	1800	1960	1440	1610
In Alaska	1940	2090	1800	1960	1440	1620
Susitna Study Area	1540	1710	1390	1570	1100	1270
Area One	80	160	80	150	60	120
Area Two	430	570	410	540	310	440
Area Three	180	270	160	250	110	200
Area Four	20	60	10	50	10	50
Area Five	50	110	40	100	30	80
Area Six	70	130	40	100	30	80
Area Seven	60	120	50	120	20	70
Area Eight	0	20	0	20	0	20
Area Nine	20	60	10	50	10	50
Area Ten	0	10	0	10	0	10
Area Eleven	0	10	0	10	0	10
Area Twelve	10	40	0	30	0	30
Area Thirteen	210	310	180	280	160	260
Area Fourteen	80	150	70	140	60	130
10 Miles North of Denali Hwy	10	50	10	50	10	50
Anchorage/Chugach Mtn. Area	40	100	40	90	30	80
Kenai Peninsula	20	60	20	60	20	60
Copper R./Wrangell/Valdez	90	170	80	160	70	140
Southeast Alaska	0	0	0	0	0	0
Elsewhere in Alaska	420	560	390	520	290	400
Outside Alaska	0	0	0	0	0	0

Table B.17.
Susitna Hydroelectric Project, Percentage
of All Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	18.5%	20.7%	14.6%	16.6%	9.6%	11.2%
In Alaska	18.3%	20.5%	14.4%	16.4%	9.5%	11.1%
Susitna Study Area	8.1%	9.7%	5.8%	7.2%	4.1%	5.3%
Area One	0.5%	0.9%	0.4%	0.8%	0.2%	0.6%
Area Two	0.7%	1.3%	0.6%	1.0%	0.5%	0.9%
Area Three	0.6%	1.2%	0.3%	0.7%	0.3%	0.6%
Area Four	0.2%	0.6%	0.1%	0.5%	0.1%	0.3%
Area Five	1.3%	1.9%	0.8%	1.4%	0.6%	1.0%
Area Six	1.2%	1.8%	0.7%	1.3%	0.4%	0.8%
Area Seven	0.4%	0.8%	0.1%	0.5%	0.1%	0.5%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.2%	0.6%	.0%	0.2%	.0%	0.2%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Thirteen	0.7%	1.3%	0.6%	1.2%	0.6%	1.0%
Area Fourteen	0.1%	0.5%	0.1%	0.3%	0.1%	0.3%
10 Miles North of Denali Hwy	0.6%	1.2%	0.6%	1.0%	0.3%	0.7%
Anchorage/Chugach Mtn. Area	0.1%	0.3%	.0%	0.2%	0.0%	0.0%
Kenai Peninsula	1.2%	1.8%	0.9%	1.5%	0.5%	0.9%
Copper R./Wrangell/Valdez	0.5%	0.9%	0.4%	0.8%	0.2%	0.6%
Southeast Alaska	0.2%	0.6%	0.1%	0.5%	0.1%	0.3%
Elsewhere in Alaska	8.5%	10.1%	7.2%	8.6%	4.9%	6.1%
Outside Alaska	0.1%	0.3%	0.1%	0.3%	.0%	0.2%

Table B.18.
Susitna Hydroelectric Project, Number of
All Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	22710	25410	17920	20380	11730	13800
In Alaska	22470	25160	17680	20130	11610	13680
Susitna Study Area	9960	11890	7140	8820	5050	6490
Area One	580	1140	470	1000	280	710
Area Two	890	1570	680	1280	580	1140
Area Three	780	1430	370	850	280	710
Area Four	280	710	180	550	90	400
Area Five	1540	2390	1000	1700	680	1280
Area Six	1430	2250	890	1570	470	1000
Area Seven	470	1000	180	550	180	550
Area Eight	0	0	0	0	0	0
Area Nine	280	710	20	230	20	230
Area Ten	20	230	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	90	400	90	400	20	230
Area Thirteen	890	1570	780	1430	680	1280
Area Fourteen	180	550	90	400	90	400
10 Miles North of Denali Hwy	780	1430	680	1280	370	850
Anchorage/Chugach Mtn. Area	90	400	20	230	0	0
Kenai Peninsula	1430	2250	1100	1840	580	1140
Copper K./Wrangell/Valdez	580	1140	470	1000	280	710
Southeast Alaska	280	710	180	550	90	400
Elsewhere in Alaska	10430	12400	8780	10610	5980	7530
Outside Alaska	90	400	90	400	20	230

Table B.19.
Susitna Hydroelectric Project, Percentage
of Urban Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	16.9%	20.1%	13.3%	16.3%	8.6%	11.2%	
In Alaska	16.8%	20.0%	13.1%	16.1%	8.6%	11.2%	
Susitna Study Area	6.9%	9.3%	4.8%	6.8%	3.4%	5.2%	
Area One	0.3%	1.1%	0.2%	0.8%	0.1%	0.7%	
Area Two	0.5%	1.3%	0.3%	1.1%	0.3%	1.1%	
Area Three	0.3%	1.1%	0.1%	0.7%	0.1%	0.5%	
Area Four	0.1%	0.5%	0.1%	0.5%	.0%	0.4%	
Area Five	0.8%	1.8%	0.4%	1.2%	0.3%	1.1%	
Area Six	0.7%	1.5%	0.3%	1.1%	0.1%	0.7%	
Area Seven	0.2%	0.8%	.0%	0.4%	.0%	0.4%	
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Nine	0.1%	0.5%	.0%	0.2%	0.0%	0.0%	
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Twelve	.0%	0.4%	.0%	0.4%	.0%	0.2%	
Area Thirteen	0.7%	1.5%	0.6%	1.4%	0.4%	1.2%	
Area Fourteen	0.1%	0.5%	.0%	0.4%	.0%	0.4%	
10 Miles North of Denali Hwy	0.5%	1.3%	0.4%	1.2%	0.2%	0.8%	
Anchorage/Chugach Mtn. Area	.0%	0.4%	.0%	0.2%	0.0%	0.0%	
Kenai Peninsula	1.1%	2.1%	0.8%	1.8%	0.4%	1.2%	
Copper R./Wrangell/Valdez	0.2%	0.8%	0.1%	0.7%	0.1%	0.5%	
Southeast Alaska	0.2%	0.8%	0.1%	0.7%	.0%	0.4%	
Elsewhere in Alaska	7.8%	10.2%	6.7%	8.9%	4.5%	6.5%	
Outside Alaska	.0%	0.4%	.0%	0.4%	.0%	0.2%	

Table B.20.
Susitna Hydroelectric Project, Number of
Urban Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	17900	21400	14120	17320	9170	11860
In Alaska	17800	21290	13920	17100	9170	11860
Susitna Study Area	7380	9830	5110	7210	3650	5490
Area One	370	1120	210	850	140	710
Area Two	530	1380	370	1120	370	1120
Area Three	370	1120	140	710	70	560
Area Four	70	560	70	560	10	410
Area Five	870	1890	450	1250	370	1120
Area Six	700	1640	370	1120	140	710
Area Seven	210	850	10	410	10	410
Area Eight	0	0	0	0	0	0
Area Nine	70	560	0	250	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	10	410	10	410	0	250
Area Thirteen	700	1640	610	1510	450	1250
Area Fourteen	70	560	10	410	10	410
10 Miles North of Denali Hwy	530	1380	450	1250	210	850
Anchorage/Chugach Mtn. Area	10	410	0	250	0	0
Kenai Peninsula	1130	2260	870	1890	450	1250
Copper R./Wrangell/Valdez	210	850	140	710	70	560
Southeast Alaska	210	850	140	710	10	410
Elsewhere in Alaska	8270	10850	7080	9490	4820	6870
Outside Alaska	10	410	10	410	0	250

Table B.21.
Susitna Hydroelectric Project, Percentage
of Small Town Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	22.6%	26.4%	18.1%	21.5%	11.0%	14.0%
In Alaska	22.4%	26.2%	18.0%	21.4%	11.3%	14.3%
Susitna Study Area	11.7%	14.7%	9.3%	12.1%	5.6%	7.8%
Area One	0.4%	1.2%	0.3%	1.1%	0.3%	0.9%
Area Two	0.9%	1.9%	0.8%	1.8%	0.3%	1.1%
Area Three	0.9%	1.9%	0.7%	1.7%	0.5%	1.3%
Area Four	0.2%	0.8%	0.1%	0.7%	.0%	0.4%
Area Five	2.3%	3.7%	1.6%	3.0%	1.1%	2.3%
Area Six	2.4%	4.0%	2.1%	3.5%	1.0%	2.0%
Area Seven	0.5%	1.3%	0.3%	0.9%	0.1%	0.5%
Area Eight	0.2%	0.8%	0.1%	0.5%	0.0%	0.0%
Area Nine	.0%	0.4%	.0%	0.2%	.0%	0.2%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	0.2%	0.8%	0.2%	0.8%	.0%	0.4%
Area Fourteen	0.1%	0.5%	.0%	0.4%	.0%	0.2%
10 Miles North of Denali Hwy	0.1%	0.7%	0.1%	0.5%	0.1%	0.5%
Anchorage/Chugach Mtn. Area	.0%	0.2%	.0%	0.2%	.0%	0.2%
Kenai Peninsula	0.1%	0.5%	.0%	0.4%	.0%	0.4%
Copper R./Wrangell/Valdez	1.0%	2.0%	0.9%	1.9%	0.5%	1.3%
Southeast Alaska	.0%	0.4%	.0%	0.4%	.0%	0.4%
Elsewhere in Alaska	9.1%	11.7%	7.0%	9.4%	4.1%	6.1%
Outside Alaska	.0%	0.2%	.0%	0.2%	0.0%	0.0%

Table B.22.
Susitna Hydroelectric Project, Number of
Small Town Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	3140	3660	2510	2990	1530	1940
In Alaska	3110	3630	2490	2980	1570	1980
Susitna Study Area	1630	2040	1300	1670	780	1080
Area One	60	170	50	150	40	130
Area Two	120	270	110	250	50	150
Area Three	120	270	100	230	70	180
Area Four	30	110	20	90	0	50
Area Five	310	520	230	410	160	310
Area Six	340	550	290	490	130	280
Area Seven	70	180	40	130	10	70
Area Eight	30	110	10	70	0	0
Area Nine	0	50	0	30	0	30
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	30	0	30	0	30
Area Thirteen	30	110	30	110	0	50
Area Fourteen	10	70	0	50	0	30
10 Miles North of Denali Hwy	20	90	10	70	10	70
Anchorage/Chugach Mtn. Area	0	30	0	30	0	30
Kenai Peninsula	10	70	0	50	0	50
Copper R./Wrangell/Valdez	130	280	120	270	70	180
Southeast Alaska	0	50	0	50	0	50
Elsewhere in Alaska	1260	1630	970	1310	570	840
Outside Alaska	0	30	0	30	0	0

Table B.23.
 Susitna Hydroelectric Project, Percentage
 of Rural Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	31.8%	38.0%	24.5%	30.3%	14.0%	18.8%
In Alaska	31.6%	37.8%	24.2%	30.0%	13.8%	18.6%
Susitna Study Area	19.2%	24.6%	12.2%	16.8%	7.0%	10.8%
Area One	0.5%	1.9%	0.5%	1.9%	.0%	0.8%
Area Two	0.7%	2.3%	0.6%	2.0%	0.3%	1.2%
Area Three	1.3%	3.3%	1.2%	3.0%	0.5%	1.9%
Area Four	.0%	1.0%	0.0%	0.5%	0.0%	0.5%
Area Five	2.7%	5.3%	2.0%	4.4%	1.2%	3.0%
Area Six	4.1%	7.1%	2.3%	4.7%	1.6%	3.6%
Area Seven	1.3%	3.3%	0.3%	1.5%	0.1%	1.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	1.2%	3.0%	0.5%	1.9%	.0%	1.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.7%	2.3%	.0%	0.8%	0.0%	0.7%
Area Thirteen	.0%	0.8%	.0%	0.8%	0.0%	0.5%
Area Fourteen	.0%	0.8%	0.0%	0.3%	0.0%	0.3%
10 Miles North of Denali Hwy	1.0%	2.8%	0.9%	2.7%	0.6%	2.2%
Anchorage/Chugach Mtn. Area	.0%	0.8%	0.0%	0.7%	0.0%	0.0%
Kenai Peninsula	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Copper R./Wrangell/Valdez	2.5%	4.9%	1.8%	4.0%	0.6%	2.2%
Southeast Alaska	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Elsewhere in Alaska	12.2%	16.8%	9.3%	13.5%	4.6%	7.8%
Outside Alaska	0.0%	0.5%	0.0%	0.3%	0.0%	0.3%

Table B.24.
Susitna Hydroelectric Project, Number of
Rural Households Caribou Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	840	1010	650	810	370	500
In Alaska	840	1010	640	800	370	500
Susitna Study Area	510	660	320	450	190	290
Area One	10	50	10	50	0	20
Area Two	20	60	10	50	0	30
Area Three	30	90	30	80	10	50
Area Four	0	30	0	10	0	10
Area Five	70	140	50	120	30	80
Area Six	110	190	60	130	40	100
Area Seven	30	90	10	40	0	30
Area Eight	0	0	0	0	0	0
Area Nine	30	80	10	50	0	30
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	20	60	0	20	0	20
Area Thirteen	0	20	0	20	0	10
Area Fourteen	0	20	0	10	0	10
10 Miles North of Denali Hwy	30	70	20	70	20	60
Anchorage/Chugach Mtn. Area	0	20	0	20	0	0
Kenai Peninsula	0	0	0	0	0	0
Copper R./Wrangell/Valdez	70	130	50	110	20	60
Southeast Alaska	0	10	0	10	0	10
Elsewhere in Alaska	320	450	250	360	120	210
Outside Alaska	0	10	0	10	0	10

Table B.25.
Susitna Hydroelectric Project, Percentage
of All Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	9.0%	10.6%	6.3%	7.7%	3.4%	4.4%
In Alaska	8.8%	10.4%	6.1%	7.5%	3.4%	4.4%
Susitna Study Area	2.8%	3.8%	2.2%	3.0%	1.3%	1.9%
Area One	0.1%	0.3%	.0%	0.2%	.0%	0.2%
Area Two	0.5%	0.9%	0.4%	0.8%	0.2%	0.6%
Area Three	0.4%	0.8%	0.3%	0.7%	0.1%	0.3%
Area Four	0.1%	0.3%	.0%	0.2%	.0%	0.2%
Area Five	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%
Area Six	0.1%	0.5%	0.1%	0.3%	0.1%	0.3%
Area Seven	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.1%	0.3%	.0%	0.2%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.2%	0.6%	0.1%	0.3%	0.1%	0.3%
Area Fourteen	0.1%	0.3%	.0%	0.2%	.0%	0.2%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.6%	1.0%	0.4%	0.8%	0.2%	0.6%
Kenai Peninsula	0.7%	1.3%	0.4%	0.8%	0.1%	0.5%
Copper R./Wrangell/Valdez	0.8%	1.4%	0.4%	0.8%	0.1%	0.5%
Southeast Alaska	0.1%	0.5%	0.1%	0.3%	.0%	0.2%
Elsewhere in Alaska	3.4%	4.4%	2.5%	3.5%	1.2%	1.8%
Outside Alaska	0.1%	0.3%	.0%	0.2%	0.0%	0.0%

Table B.26.
Susitna Hydroelectric Project, Number of
All Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	11020	13040	7730	9460	4130	5450
In Alaska	10780	12790	7490	9200	4130	5450
Susitna Study Area	3440	4660	2650	3730	1540	2390
Area One	90	400	20	230	20	230
Area Two	580	1140	470	1000	280	710
Area Three	470	1000	370	850	90	400
Area Four	90	400	20	230	20	230
Area Five	90	400	90	400	90	400
Area Six	180	550	90	400	90	400
Area Seven	90	400	90	400	20	230
Area Eight	0	0	0	0	0	0
Area Nine	90	400	20	230	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	280	710	90	400	90	400
Area Fourteen	90	400	20	230	20	230
10 Miles North of Denali Hwy	20	230	20	230	20	230
Anchorage/Chugach Mtn. Area	680	1280	470	1000	280	710
Kenai Peninsula	890	1570	470	1000	180	550
Copper R./Wrangell/Valdez	1000	1700	470	1000	180	550
Southeast Alaska	180	550	90	400	20	230
Elsewhere in Alaska	4130	5450	3100	4260	1430	2250
Outside Alaska	90	400	20	230	0	0

Table B.27.
 Susitna Hydroelectric Project, Percentage
 of Urban Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	7.7%	10.1%	5.2%	7.2%	2.7%	4.3%
In Alaska	7.5%	9.9%	5.1%	7.1%	2.7%	4.3%
Susitna Study Area	2.3%	3.7%	1.7%	2.9%	1.0%	2.0%
Area One	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Two	0.3%	1.1%	0.3%	0.9%	0.1%	0.7%
Area Three	0.1%	0.7%	0.1%	0.5%	.0%	0.2%
Area Four	.0%	0.4%	.0%	0.2%	0.0%	0.0%
Area Five	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Six	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Seven	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.4%	.0%	0.2%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.1%	0.7%	.0%	0.4%	.0%	0.4%
Area Fourteen	.0%	0.4%	.0%	0.2%	0.0%	0.0%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.3%	1.1%	0.3%	0.9%	0.1%	0.7%
Kenai Peninsula	0.6%	1.4%	0.3%	1.1%	0.1%	0.5%
Copper R./Wrangell/Valdez	0.4%	1.2%	0.1%	0.5%	.0%	0.4%
Southeast Alaska	0.1%	0.5%	.0%	0.4%	.0%	0.2%
Elsewhere in Alaska	2.8%	4.4%	2.1%	3.5%	0.9%	1.9%
Outside Alaska	.0%	0.4%	.0%	0.2%	0.0%	0.0%

Table B.28.
Susitna Hydroelectric Project, Number of
Urban Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	8170	10740	5500	7670	2890	4540
In Alaska	7970	10510	5400	7560	2890	4540
Susitna Study Area	2420	3950	1770	3120	1050	2140
Area One	0	250	0	250	0	0
Area Two	370	1120	290	980	140	710
Area Three	140	710	70	560	0	250
Area Four	10	410	0	250	0	0
Area Five	10	410	10	410	10	410
Area Six	10	410	10	410	10	410
Area Seven	10	410	10	410	0	250
Area Eight	0	0	0	0	0	0
Area Nine	10	410	0	250	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	140	710	10	410	10	410
Area Fourteen	10	410	0	250	0	0
10 Miles North of Denali Hwy	0	250	0	250	0	250
Anchorage/Chugach Mtn. Area	370	1120	290	980	140	710
Kenai Peninsula	610	1510	370	1120	70	560
Copper R./Wrangell/Valdez	450	1250	70	560	10	410
Southeast Alaska	70	560	10	410	0	250
Elsewhere in Alaska	2980	4660	2230	3720	960	2020
Outside Alaska	10	410	0	250	0	0

Table B.29.
Susitna Hydroelectric Project, Percentage
of Small Town Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	13.3%	16.5%	10.2%	13.0%	5.7%	7.9%
In Alaska	13.3%	16.5%	10.2%	13.0%	5.8%	8.0%
Susitna Study Area	3.9%	5.7%	3.2%	5.0%	1.8%	3.2%
Area One	0.1%	0.5%	.0%	0.4%	.0%	0.4%
Area Two	0.5%	1.3%	0.3%	1.1%	0.1%	0.5%
Area Three	1.3%	2.5%	1.0%	2.2%	0.5%	1.3%
Area Four	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Area Five	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Six	0.3%	0.9%	0.3%	0.9%	0.1%	0.7%
Area Seven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Fourteen	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.4%
Anchorage/Chugach Mtn. Area	0.3%	1.1%	0.3%	1.1%	.0%	0.4%
Kenai Peninsula	0.5%	1.3%	0.3%	0.9%	0.1%	0.5%
Copper R./Wrangell/Valdez	1.8%	3.2%	1.3%	2.5%	0.8%	1.8%
Southeast Alaska	.0%	0.4%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	5.0%	7.0%	3.7%	5.5%	1.8%	3.2%
Outside Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%

Table B.30.
Susitna Hydroelectric Project, Number of
Small Town Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1850	2280	1410	1800	790	1100
In Alaska	1850	2280	1410	1800	800	1110
Susitna Study Area	540	800	450	690	250	440
Area One	10	70	0	50	0	50
Area Two	70	180	50	150	10	70
Area Three	180	350	150	300	70	180
Area Four	10	70	10	70	0	50
Area Five	0	50	0	50	0	30
Area Six	40	130	40	130	20	90
Area Seven	0	0	0	0	0	0
Area Eight	0	0	0	0	0	0
Area Nine	0	0	0	0	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	30	0	0	0	0
Area Thirteen	0	50	0	50	0	50
Area Fourteen	10	70	10	70	0	50
10 Miles North of Denali Hwy	0	50	0	50	0	50
Anchorage/Chugach Mtn. Area	50	150	50	150	0	50
Kenai Peninsula	70	180	40	130	10	70
Copper R./Wrangell/Valdez	250	440	180	350	110	250
Southeast Alaska	0	50	0	30	0	30
Elsewhere in Alaska	690	980	510	770	250	440
Outside Alaska	0	30	0	30	0	30

Table B.31.
Susitna Hydroelectric Project, Percentage
of Rural Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	16.2%	21.4%	10.3%	14.7%	2.7%	5.3%	
In Alaska	16.2%	21.4%	10.3%	14.7%	3.0%	5.6%	
Susitna Study Area	4.5%	7.7%	3.5%	6.3%	0.6%	2.0%	
Area One	0.1%	1.1%	0.1%	1.1%	0.0%	0.3%	
Area Two	0.3%	1.7%	0.3%	1.7%	0.0%	0.3%	
Area Three	1.2%	3.2%	0.8%	2.6%	.0%	1.0%	
Area Four	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%	
Area Five	0.0%	0.5%	0.0%	0.3%	0.0%	0.3%	
Area Six	0.1%	1.1%	.0%	0.8%	0.0%	0.3%	
Area Seven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Nine	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Eleven	0.0%	0.5%	0.0%	0.5%	0.0%	0.0%	
Area Twelve	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	
Area Thirteen	0.0%	0.7%	0.0%	0.5%	0.0%	0.0%	
Area Fourteen	0.0%	0.5%	0.0%	0.5%	0.0%	0.3%	
10 Miles North of Denali Hwy	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%	
Anchorage/Chugach Mtn. Area	1.2%	3.0%	1.2%	3.0%	0.3%	1.5%	
Kenai Peninsula	0.2%	1.2%	.0%	1.0%	.0%	0.8%	
Copper R./Wrangell/Valdez	4.2%	7.2%	2.5%	4.9%	.0%	1.0%	
Southeast Alaska	0.6%	2.0%	0.0%	0.3%	0.0%	0.0%	
Elsewhere in Alaska	2.7%	5.3%	1.4%	3.4%	0.3%	1.5%	
Outside Alaska	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Table B.32.
 Susitna Hydroelectric Project, Number of
 Rural Households Sheep or Goat Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	430	570	270	390	70	140
In Alaska	430	570	270	390	80	150
Susitna Study Area	120	200	90	170	10	50
Area One	0	30	0	30	0	10
Area Two	10	40	10	40	0	10
Area Three	30	80	20	70	0	30
Area Four	0	20	0	20	0	20
Area Five	0	10	0	10	0	10
Area Six	0	30	0	20	0	10
Area Seven	0	0	0	0	0	0
Area Eight	0	0	0	0	0	0
Area Nine	0	20	0	0	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	10	0	10	0	0
Area Twelve	0	10	0	0	0	0
Area Thirteen	0	20	0	10	0	0
Area Fourteen	0	10	0	10	0	10
10 Miles North of Denali Hwy	0	10	0	10	0	10
Anchorage/Chugach Mtn. Area	30	80	30	80	10	40
Kenai Peninsula	0	30	0	30	0	20
Copper R./Wrangell/Valdez	110	190	70	130	0	30
Southeast Alaska	10	50	0	10	0	0
Elsewhere in Alaska	70	140	40	90	10	40
Outside Alaska	0	0	0	0	0	0

Table B.33.
 Susitna Hydroelectric Project, Percentage
 of All Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	6.7%	8.1%	5.4%	6.8%	3.6%	4.8%
In Alaska	6.6%	8.0%	5.4%	6.8%	3.6%	4.8%
Susitna Study Area	2.4%	3.4%	2.3%	3.1%	1.5%	2.3%
Area One	0.2%	0.6%	0.2%	0.6%	0.1%	0.5%
Area Two	0.3%	0.7%	0.3%	0.7%	0.1%	0.3%
Area Three	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Area Four	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Five	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%
Area Six	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Seven	0.1%	0.3%	.0%	0.2%	.0%	0.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.5%	0.9%	0.5%	0.9%	0.4%	0.8%
Area Fourteen	.0%	0.2%	.0%	0.2%	.0%	0.2%
10 Miles North of Denali Hwy	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%
Anchorage/Chugach Mtn. Area	0.1%	0.3%	.0%	0.2%	.0%	0.2%
Kenai Peninsula	0.8%	1.4%	0.7%	1.3%	0.4%	0.8%
Copper R./Wrangell/Valdez	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Southeast Alaska	0.1%	0.5%	0.1%	0.3%	.0%	0.2%
Elsewhere in Alaska	2.8%	3.8%	2.2%	3.0%	1.4%	2.2%
Outside Alaska	.0%	0.2%	.0%	0.2%	0.0%	0.0%

Table B.34.
Susitna Hydroelectric Project, Number of
All Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	8190	9970	6670	8300	4470	5840
In Alaska	8080	9840	6670	8300	4470	5840
Susitna Study Area	2990	4130	2760	3860	1870	2800
Area One	280	710	280	710	180	550
Area Two	370	850	370	850	90	400
Area Three	180	550	180	550	90	400
Area Four	20	230	20	230	0	0
Area Five	90	400	90	400	90	400
Area Six	20	230	20	230	20	230
Area Seven	90	400	20	230	20	230
Area Eight	0	0	0	0	0	0
Area Nine	20	230	20	230	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	580	1140	580	1140	470	1000
Area Fourteen	20	230	20	230	20	230
10 Miles North of Denali Hwy	90	400	90	400	90	400
Anchorage/Chugach Mtn. Area	90	400	20	230	20	230
Kenai Peninsula	1000	1700	890	1570	470	1000
Copper R./Wrangell/Valdez	180	550	180	550	90	400
Southeast Alaska	180	550	90	400	20	230
Elsewhere in Alaska	3440	4660	2650	3730	1760	2660
Outside Alaska	20	230	20	230	0	0

Table B.35.
Susitna Hydroelectric Project, Percentage
of Urban Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	5.9%	8.1%	4.7%	6.7%	3.1%	4.7%
In Alaska	5.7%	7.9%	4.7%	6.7%	3.2%	4.8%
Susitna Study Area	1.9%	3.3%	1.8%	3.0%	1.2%	2.4%
Area One	3.2%	4.8%	0.1%	0.5%	0.1%	0.5%
Area Two	3.2%	4.8%	0.1%	0.7%	.0%	0.2%
Area Three	2.3%	3.7%	.0%	0.4%	.0%	0.2%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.4%	2.6%	.0%	0.4%	.0%	0.4%
Area Six	0.6%	1.4%	.0%	0.2%	.0%	0.2%
Area Seven	1.4%	2.6%	.0%	0.2%	.0%	0.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Fourteen	.0%	0.2%	.0%	0.2%	.0%	0.2%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.4%
Anchorage/Chugach Mtn. Area	.0%	0.4%	0.0%	0.0%	0.0%	0.0%
Kenai Peninsula	0.7%	1.5%	0.6%	1.4%	0.3%	1.1%
Copper R./Wrangell/Valdez	.0%	0.4%	.0%	0.4%	.0%	0.2%
Southeast Alaska	0.1%	0.5%	.0%	0.4%	.0%	0.2%
Elsewhere in Alaska	2.5%	3.9%	1.8%	3.2%	1.2%	2.2%
Outside Alaska	.0%	0.2%	.0%	0.2%	0.0%	0.0%

Table B.36.
Susitna Hydroelectric Project, Number of
Urban Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	6290	8580	5010	7100	3270	5010
In Alaska	6090	8360	5010	7100	3370	5130
Susitna Study Area	2050	3480	1860	3240	1310	2510
Area One	3370	5130	70	560	70	560
Area Two	3370	5130	140	710	0	250
Area Three	2420	3950	10	410	0	250
Area Four	0	0	0	0	0	0
Area Five	1490	2750	10	410	10	410
Area Six	610	1510	0	250	0	250
Area Seven	1490	2750	0	250	0	250
Area Eight	0	0	0	0	0	0
Area Nine	0	0	0	0	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	370	1120	370	1120	290	980
Area Fourteen	0	250	0	250	0	250
10 Miles North of Denali Hwy	10	410	10	410	10	410
Anchorage/Chugach Mtn. Area	10	410	0	0	0	0
Kenai Peninsula	700	1640	610	1510	370	1120
Copper R./Wrangell/Valdez	10	410	10	410	0	250
Southeast Alaska	70	560	10	410	0	250
Elsewhere in Alaska	2610	4190	1950	3360	1220	2390
Outside Alaska	0	250	0	250	0	0

Table B.37.
 Susitna Hydroelectric Project, Percentage
 of Small Town Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	8.6%	11.2%	7.3%	9.7%	4.7%	6.7%
In Alaska	8.7%	11.3%	7.4%	9.8%	4.9%	6.9%
Susitna Study Area	3.4%	5.2%	3.1%	4.9%	2.1%	3.5%
Area One	0.3%	0.9%	0.3%	0.9%	0.1%	0.7%
Area Two	0.4%	1.2%	0.3%	1.1%	0.1%	0.5%
Area Three	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Four	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Five	0.2%	0.8%	0.2%	0.8%	.0%	0.4%
Area Six	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Seven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Nine	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Fourteen	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	.0%	0.4%	.0%	0.4%	.0%	0.4%
Kenai Peninsula	0.5%	1.3%	0.3%	1.1%	0.1%	0.5%
Copper R./Wrangell/Valdez	0.5%	1.3%	0.4%	1.2%	0.3%	0.9%
Southeast Alaska	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Elsewhere in Alaska	3.5%	5.3%	2.8%	4.4%	1.6%	3.0%
Outside Alaska	.0%	0.2%	0.0%	0.0%	0.0%	0.0%

Table B.38.
Susitna Hydroelectric Project, Number of
Small Town Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1190	1560	1010	1350	650	930
In Alaska	1210	1570	1020	1360	680	960
Susitna Study Area	470	720	440	670	290	490
Area One	40	130	40	130	20	90
Area Two	60	170	50	150	10	70
Area Three	40	130	40	130	30	110
Area Four	0	30	0	30	0	0
Area Five	30	110	30	110	0	50
Area Six	0	50	0	50	0	50
Area Seven	0	0	0	0	0	0
Area Eight	0	50	0	50	0	30
Area Nine	0	30	0	30	0	30
Area Ten	0	30	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	30	0	30	0	30
Area Thirteen	50	150	50	150	40	130
Area Fourteen	10	70	10	70	0	50
10 Miles North of Denali Hwy	0	30	0	30	0	30
Anchorage/Chugach Mtn. Area	0	50	0	50	0	50
Kenai Peninsula	70	180	50	150	10	70
Copper R./Wrangell/Valdez	70	180	60	170	40	130
Southeast Alaska	0	30	0	0	0	0
Elsewhere in Alaska	490	740	390	610	230	410
Outside Alaska	0	30	0	0	0	0

Table B.39.
Susitna Hydroelectric Project, Percentage
of Rural Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	9.0%	13.2%	8.1%	12.1%	4.4%	7.6%
In Alaska	8.9%	13.1%	8.1%	12.1%	4.7%	7.9%
Susitna Study Area	5.3%	8.7%	4.5%	7.7%	2.6%	5.2%
Area One	.0%	1.0%	.0%	1.0%	.0%	0.8%
Area Two	0.5%	1.9%	0.3%	1.7%	0.2%	1.2%
Area Three	0.6%	2.0%	0.3%	1.7%	0.2%	1.2%
Area Four	.0%	1.0%	0.0%	0.7%	0.0%	0.7%
Area Five	0.1%	1.1%	.0%	1.0%	0.0%	0.5%
Area Six	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Seven	0.0%	0.7%	0.0%	0.7%	0.0%	0.5%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.1%	1.1%	0.1%	1.1%	.0%	0.8%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%
Area Twelve	.0%	0.8%	.0%	0.8%	0.0%	0.7%
Area Thirteen	0.3%	1.5%	0.3%	1.5%	.0%	0.8%
Area Fourteen	0.0%	0.7%	0.0%	0.7%	0.0%	0.0%
10 Miles North of Denali Hwy	0.2%	1.4%	0.2%	1.4%	.0%	0.8%
Anchorage/Chugach Mtn. Area	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%
Kenai Peninsula	.0%	1.0%	.0%	1.0%	.0%	0.8%
Copper R./Wrangell/Valdez	0.2%	1.2%	0.2%	1.2%	0.1%	1.1%
Southeast Alaska	0.0%	0.7%	0.0%	0.5%	0.0%	0.5%
Elsewhere in Alaska	2.8%	5.4%	2.5%	4.9%	0.8%	2.6%
Outside Alaska	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%

Table B.40.
Susitna Hydroelectric Project, Number of
Rural Households Brown Bear Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	240	350	220	320	120	200
In Alaska	240	350	220	320	120	210
Susitna Study Area	140	230	120	200	70	140
Area One	0	30	0	30	0	20
Area Two	10	50	10	40	0	30
Area Three	10	50	10	40	0	30
Area Four	0	30	0	20	0	20
Area Five	0	30	0	30	0	10
Area Six	0	10	0	10	0	10
Area Seven	0	20	0	20	0	10
Area Eight	0	0	0	0	0	0
Area Nine	0	30	0	30	0	20
Area Ten	0	0	0	0	0	0
Area Eleven	0	20	0	20	0	20
Area Twelve	0	20	0	20	0	20
Area Thirteen	10	40	10	40	0	20
Area Fourteen	0	20	0	20	0	0
10 Miles North of Denali Hwy	10	40	10	40	0	20
Anchorage/Chugach Mtn. Area	0	20	0	20	0	20
Kenai Peninsula	0	30	0	30	0	20
Copper R./Wrangell/Valdez	0	30	0	30	0	30
Southeast Alaska	0	20	0	10	0	10
Elsewhere in Alaska	70	140	70	130	20	70
Outside Alaska	0	10	0	0	0	0

Table B.41.
Susitna Hydroelectric Project, Percentage
of All Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	11.8%	13.6%	10.0%	11.8%	7.2%	8.6%	
In Alaska	11.8%	13.6%	10.0%	11.8%	7.2%	8.8%	
Susitna Study Area	4.8%	6.0%	4.4%	5.6%	3.2%	4.2%	
Area One	0.3%	0.7%	0.2%	0.6%	0.1%	0.5%	
Area Two	0.9%	1.5%	0.9%	1.5%	0.6%	1.0%	
Area Three	0.6%	1.0%	0.5%	0.9%	0.3%	0.7%	
Area Four	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%	
Area Five	.0%	0.2%	.0%	0.2%	.0%	0.2%	
Area Six	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%	
Area Seven	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%	
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Nine	.0%	0.2%	.0%	0.2%	.0%	0.2%	
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Thirteen	1.2%	1.8%	1.2%	1.8%	0.8%	1.4%	
Area Fourteen	0.1%	0.3%	0.1%	0.3%	.0%	0.2%	
10 Miles North of Denali Hwy	0.1%	0.3%	0.1%	0.3%	.0%	0.2%	
Anchorage/Chugach Mtn. Area	0.4%	0.8%	0.2%	0.6%	0.1%	0.5%	
Kenai Peninsula	1.6%	2.4%	1.3%	1.9%	0.8%	1.4%	
Copper R./Wrangell/Valdez	0.5%	0.9%	0.2%	0.6%	0.2%	0.6%	
Southeast Alaska	0.2%	0.6%	0.1%	0.5%	.0%	0.2%	
Elsewhere in Alaska	4.0%	5.2%	3.6%	4.6%	2.6%	3.6%	
Outside Alaska	0.1%	0.3%	.0%	0.2%	0.0%	0.0%	

Table B.42.
Susitna Hydroelectric Project, Number of
All Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	14460	16720	12320	14440	8780	10610
In Alaska	14460	16720	12320	14440	8900	10740
Susitna Study Area	5860	7400	5400	6880	3900	5180
Area One	370	850	280	710	180	550
Area Two	1100	1840	1100	1840	680	1280
Area Three	680	1280	580	1140	370	850
Area Four	90	400	90	400	90	400
Area Five	20	230	20	230	20	230
Area Six	180	550	180	550	90	400
Area Seven	90	400	90	400	90	400
Area Eight	0	0	0	0	0	0
Area Nine	20	230	20	230	20	230
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1430	2250	1430	2250	1000	1700
Area Fourteen	90	400	90	400	20	230
10 Miles North of Denali Hwy	90	400	90	400	20	230
Anchorage/Chugach Mtn. Area	470	1000	280	710	180	550
Kenai Peninsula	1980	2930	1540	2390	1000	1700
Copper R./Wrangell/Valdez	580	1140	280	710	280	710
Southeast Alaska	280	710	180	550	20	230
Elsewhere in Alaska	4930	6360	4360	5710	3220	4390
Outside Alaska	90	400	20	230	0	0

Table B.43.
 Susitna Hydroelectric Project, Percentage
 of Urban Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	10.5%	13.3%	8.8%	11.4%	6.2%	8.4%
In Alaska	10.4%	13.2%	8.8%	11.4%	6.3%	8.5%
Susitna Study Area	3.9%	5.7%	3.5%	5.3%	2.5%	4.1%
Area One	0.1%	0.7%	0.1%	0.5%	0.1%	0.5%
Area Two	0.6%	1.4%	0.6%	1.4%	0.3%	1.1%
Area Three	0.3%	0.9%	0.2%	0.8%	0.1%	0.5%
Area Four	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Five	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Six	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Area Seven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	1.0%	2.0%	1.0%	2.0%	0.7%	1.5%
Area Fourteen	.0%	0.4%	.0%	0.2%	.0%	0.2%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.3%	0.9%	0.1%	0.7%	0.1%	0.5%
Kenai Peninsula	1.6%	2.8%	1.2%	2.2%	0.7%	1.7%
Copper R./Wrangell/Valdez	0.2%	0.8%	.0%	0.4%	.0%	0.4%
Southeast Alaska	0.1%	0.7%	0.1%	0.5%	.0%	0.2%
Elsewhere in Alaska	3.5%	5.3%	3.1%	4.7%	2.3%	3.7%
Outside Alaska	.0%	0.4%	.0%	0.2%	0.0%	0.0%

Table B.44.
Susitna Hydroelectric Project, Number of
Urban Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	11180	14100	9370	12080	6580	8920
In Alaska	11080	13990	9370	12080	6680	9040
Susitna Study Area	4140	6060	3750	5600	2700	4310
Area One	140	710	70	560	70	560
Area Two	610	1510	610	1510	370	1120
Area Three	290	980	210	850	70	560
Area Four	10	410	10	410	10	410
Area Five	0	250	0	250	0	250
Area Six	70	560	70	560	10	410
Area Seven	0	250	0	250	0	250
Area Eight	0	0	0	0	0	0
Area Nine	0	250	0	250	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1050	2140	1050	2140	700	1640
Area Fourteen	10	410	0	250	0	250
10 Miles North of Denali Hwy	10	410	10	410	0	250
Anchorage/Chugach Mtn. Area	290	980	140	710	70	560
Kenai Peninsula	1680	3000	1220	2390	780	1760
Copper R./Wrangell/Valdez	210	850	10	410	10	410
Southeast Alaska	140	710	70	560	0	250
Elsewhere in Alaska	3750	5600	3270	5010	2420	3950
Outside Alaska	10	410	0	250	0	0

Table B.45.
Susitna Hydroelectric Project, Percentage
of Small Town Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	15.2%	18.4%	13.3%	16.5%	9.9%	12.7%
In Alaska	15.3%	18.5%	13.5%	16.7%	10.1%	12.9%
Susitna Study Area	7.4%	9.8%	6.8%	9.2%	5.1%	7.3%
Area One	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Two	1.1%	2.3%	1.0%	2.2%	0.8%	1.8%
Area Three	1.2%	2.4%	1.0%	2.0%	0.7%	1.7%
Area Four	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Five	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Area Six	0.2%	0.8%	0.2%	0.8%	0.1%	0.5%
Area Seven	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	1.1%	2.3%	1.0%	2.2%	0.6%	1.6%
Area Fourteen	0.3%	0.9%	0.3%	0.9%	0.1%	0.7%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.2%	0.8%	0.2%	0.8%	0.1%	0.5%
Kenai Peninsula	0.7%	1.7%	0.6%	1.4%	0.3%	0.9%
Copper R./Wrangell/Valdez	1.3%	2.5%	1.1%	2.3%	1.0%	2.2%
Southeast Alaska	.0%	0.4%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	4.8%	6.8%	4.1%	6.1%	3.0%	4.6%
Outside Alaska	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table B.46.
 Susitna Hydroelectric Project, Number of
 Small Town Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	2100	2560	1850	2280	1380	1760
In Alaska	2120	2570	1880	2310	1400	1790
Susitna Study Area	1020	1360	940	1280	710	1010
Area One	50	150	50	150	40	130
Area Two	160	310	150	300	110	250
Area Three	170	330	130	280	100	230
Area Four	0	30	0	30	0	30
Area Five	30	110	30	110	20	90
Area Six	30	110	30	110	10	70
Area Seven	10	70	10	70	10	70
Area Eight	0	0	0	0	0	0
Area Nine	0	50	0	50	0	50
Area Ten	0	30	0	0	0	0
Area Eleven	0	30	0	30	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	160	310	150	300	90	220
Area Fourteen	40	130	40	130	20	90
10 Miles North of Denali Hwy	0	50	0	50	0	30
Anchorage/Chugach Mtn. Area	30	110	30	110	10	70
Kenai Peninsula	100	230	80	200	40	130
Copper R./Wrangell/Valdez	180	350	160	310	150	300
Southeast Alaska	0	50	0	30	0	30
Elsewhere in Alaska	660	950	570	840	410	640
Outside Alaska	0	0	0	0	0	0

Table B.47.
Susitna Hydroelectric Project, Percentage
of Rural Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	22.0%	27.6%	18.2%	23.6%	10.6%	15.0%
In Alaska	21.7%	27.3%	18.0%	23.4%	10.7%	15.1%
Susitna Study Area	13.4%	18.2%	11.4%	16.0%	7.3%	11.1%
Area One	0.8%	2.4%	0.8%	2.4%	0.3%	1.7%
Area Two	3.7%	6.5%	3.4%	6.2%	1.7%	3.9%
Area Three	2.6%	5.2%	2.2%	4.6%	1.7%	3.9%
Area Four	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%
Area Five	0.2%	1.2%	0.1%	1.1%	0.0%	0.5%
Area Six	0.1%	1.1%	.0%	0.8%	0.0%	0.7%
Area Seven	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Twelve	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Thirteen	1.6%	3.8%	0.9%	2.7%	0.4%	1.8%
Area Fourteen	.0%	0.8%	0.0%	0.7%	0.0%	0.3%
10 Miles North of Denali Hwy	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Anchorage/Chugach Mtn. Area	0.5%	1.9%	0.4%	1.8%	0.1%	1.1%
Kenai Peninsula	0.4%	1.8%	0.3%	1.7%	0.2%	1.2%
Copper R./Wrangell/Valdez	0.9%	2.7%	0.8%	2.4%	0.3%	1.7%
Southeast Alaska	.0%	0.8%	0.0%	0.3%	0.0%	0.0%
Elsewhere in Alaska	4.6%	7.8%	4.3%	7.3%	1.9%	4.1%
Outside Alaska	.0%	0.8%	0.0%	0.7%	0.0%	0.0%

Table B.48.
 Susitna Hydroelectric Project, Number of
 Rural Households Black Bear Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	580	740	480	630	280	400
In Alaska	580	730	480	620	280	400
Susitna Study Area	360	480	300	420	190	300
Area One	20	60	20	60	10	40
Area Two	100	170	90	170	50	100
Area Three	70	140	60	120	50	100
Area Four	0	20	0	20	0	20
Area Five	0	30	0	30	0	10
Area Six	0	30	0	20	0	20
Area Seven	0	10	0	10	0	10
Area Eight	0	0	0	0	0	0
Area Nine	0	0	0	0	0	0
Area Ten	0	0	0	0	0	0
Area Eleven	0	10	0	10	0	10
Area Twelve	0	10	0	10	0	10
Area Thirteen	40	100	20	70	10	50
Area Fourteen	0	20	0	20	0	10
10 Miles North of Denali Hwy	0	10	0	10	0	10
Anchorage/Chugach Mtn. Area	10	50	10	50	0	30
Kenai Peninsula	10	50	10	40	0	30
Copper R./Wrangell/Valdez	20	70	20	60	10	40
Southeast Alaska	0	20	0	10	0	0
Elsewhere in Alaska	120	210	110	200	50	110
Outside Alaska	0	20	0	20	0	0

Table B.49.
 Susitna Hydroelectric Project, Percentage
 of All Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	37.9%	40.7%	33.8%	36.4%	27.6%	30.2%
In Alaska	36.1%	38.7%	32.8%	35.4%	27.4%	30.0%
Susitna Study Area	19.3%	21.5%	18.0%	20.2%	14.8%	16.8%
Area One	0.7%	1.3%	0.7%	1.3%	0.6%	1.2%
Area Two	3.9%	5.1%	3.8%	5.0%	3.2%	4.2%
Area Three	4.4%	5.6%	3.8%	5.0%	3.0%	4.0%
Area Four	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Area Five	0.5%	0.9%	0.5%	0.9%	0.5%	0.9%
Area Six	1.2%	1.8%	1.0%	1.6%	0.8%	1.4%
Area Seven	0.5%	0.9%	0.4%	0.8%	0.3%	0.7%
Area Eight	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Nine	0.5%	0.9%	0.5%	0.9%	0.3%	0.7%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	1.8%	2.6%	1.7%	2.5%	1.4%	2.2%
Area Fourteen	2.4%	3.4%	2.3%	3.3%	2.0%	2.8%
10 Miles North of Denali Hwy	0.3%	0.7%	0.3%	0.7%	0.2%	0.6%
Anchorage/Chugach Mtn. Area	2.5%	3.5%	2.3%	3.1%	1.8%	2.6%
Kenai Peninsula	6.6%	8.0%	6.2%	7.6%	5.3%	6.7%
Copper R./Wrangell/Valdez	0.7%	1.3%	0.6%	1.2%	0.5%	0.9%
Southeast Alaska	0.5%	0.9%	0.4%	0.8%	0.2%	0.6%
Elsewhere in Alaska	10.7%	12.5%	9.5%	11.1%	7.8%	9.4%
Outside Alaska	1.6%	2.4%	0.7%	1.3%	0.2%	0.6%

Table B.50.
Susitna Hydroelectric Project, Number of
All Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	46580	49900	41460	44710	33940	37020
In Alaska	44270	47550	40250	43470	33690	36770
Susitna Study Area	23670	26410	22110	24780	18160	20630
Area One	890	1570	890	1570	780	1430
Area Two	4820	6230	4700	6100	3900	5180
Area Three	5400	6880	4700	6100	3670	4920
Area Four	180	550	180	550	90	400
Area Five	580	1140	580	1140	580	1140
Area Six	1430	2250	1210	1980	1000	1700
Area Seven	580	1140	470	1000	370	850
Area Eight	20	230	20	230	0	0
Area Nine	580	1140	580	1140	370	850
Area Ten	20	230	20	230	20	230
Area Eleven	0	0	0	0	0	0
Area Twelve	20	230	20	230	20	230
Area Thirteen	2200	3200	2090	3060	1760	2660
Area Fourteen	2990	4130	2880	4000	2430	3470
10 Miles North of Denali Hwy	370	850	370	850	280	710
Anchorage/Chugach Mtn. Area	3100	4260	2760	3860	2200	3200
Kenai Peninsula	8080	9840	7610	9330	6560	8170
Copper R./Wrangell/Valdez	890	1570	780	1430	580	1140
Southeast Alaska	580	1140	470	1000	280	710
Elsewhere in Alaska	13150	15330	11610	13680	9600	11510
Outside Alaska	1980	2930	890	1570	280	710

Table B.51.
Susitna Hydroelectric Project, Percentage
of Urban Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	36.1%	40.3%	31.8%	35.8%	25.6%	29.4%
In Alaska	34.1%	38.1%	30.6%	34.6%	25.3%	29.1%
Susitna Study Area	17.0%	20.2%	15.8%	19.0%	12.7%	15.7%
Area One	0.5%	1.3%	0.5%	1.3%	0.4%	1.2%
Area Two	3.1%	4.7%	3.0%	4.6%	2.4%	3.8%
Area Three	3.5%	5.3%	3.0%	4.6%	2.2%	3.6%
Area Four	0.1%	0.5%	.0%	0.4%	.0%	0.4%
Area Five	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Six	1.0%	2.0%	0.8%	1.8%	0.6%	1.4%
Area Seven	0.3%	0.9%	0.2%	0.8%	0.2%	0.8%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.1%	0.3%	1.1%	0.2%	0.8%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	1.6%	2.8%	1.5%	2.7%	1.2%	2.4%
Area Fourteen	2.1%	3.5%	2.0%	3.4%	1.7%	2.9%
10 Miles North of Denali Hwy	0.3%	0.9%	0.2%	0.8%	0.1%	0.7%
Anchorage/Chugach Mtn. Area	2.5%	3.9%	2.3%	3.7%	1.8%	3.0%
Kenai Peninsula	6.9%	9.3%	6.5%	8.7%	5.6%	7.8%
Copper R./Wrangell/Valdez	0.2%	0.8%	0.1%	0.7%	0.1%	0.7%
Southeast Alaska	0.3%	1.1%	0.3%	0.9%	0.2%	0.8%
Elsewhere in Alaska	10.1%	12.9%	8.8%	11.4%	7.3%	9.7%
Outside Alaska	1.6%	2.8%	0.7%	1.7%	0.2%	0.8%

Table B.52.
 Susitna Hydroelectric Project, Number of
 Urban Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	38390	42760	33770	38030	27200	31220
In Alaska	36180	40510	32520	36740	26890	30890
Susitna Study Area	18000	21510	16770	20190	13510	16650
Area One	530	1380	530	1380	450	1250
Area Two	3270	5010	3180	4900	2510	4070
Area Three	3750	5600	3180	4900	2320	3840
Area Four	70	560	10	410	10	410
Area Five	290	980	290	980	210	850
Area Six	1050	3140	870	1890	610	1510
Area Seven	290	980	210	850	310	850
Area Eight	0	0	0	0	0	0
Area Nine	370	1120	370	1120	210	850
Area Ten	0	250	0	250	0	250
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1680	3000	1580	2880	1310	2510
Area Fourteen	2230	3720	2140	3600	1770	3120
10 Miles North of Denali Hwy	290	980	210	850	140	710
Anchorage/Chugach Mtn. Area	2610	4190	2420	3950	1860	3240
Kenai Peninsula	7380	9830	6880	9270	5990	8240
Copper R./Wrangell/Valdez	210	850	140	710	140	710
Southeast Alaska	370	1120	290	980	210	850
Elsewhere in Alaska	10780	13650	9370	12080	7770	10280
Outside Alaska	1680	3000	780	1760	210	850

Table B.53.
Susitna Hydroelectric Project, Percentage
of Small Town Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	40.5%	44.9%	38.6%	43.0%	33.4%	37.6%
In Alaska	40.2%	44.6%	38.5%	42.9%	33.8%	38.0%
Susitna Study Area	26.8%	30.8%	25.8%	29.8%	22.0%	25.8%
Area One	0.6%	1.6%	0.6%	1.6%	0.6%	1.4%
Area Two	6.5%	8.9%	6.3%	8.7%	5.3%	7.5%
Area Three	7.0%	9.4%	6.6%	9.0%	5.9%	8.1%
Area Four	0.2%	0.8%	0.1%	0.7%	0.1%	0.5%
Area Five	1.0%	2.2%	1.0%	2.0%	0.8%	1.8%
Area Six	1.1%	2.3%	1.1%	2.3%	0.8%	1.8%
Area Seven	0.6%	1.4%	0.6%	1.4%	0.4%	1.2%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.2%	0.9%	0.2%	0.8%	0.1%	0.5%
Area Ten	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Thirteen	1.3%	2.5%	1.3%	2.5%	1.0%	2.2%
Area Fourteen	3.0%	4.6%	2.8%	4.4%	2.3%	3.7%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.4%
Anchorage/Chugach Mtn. Area	0.8%	1.8%	0.8%	1.8%	0.6%	1.6%
Kenai Peninsula	1.8%	3.2%	1.7%	3.1%	1.6%	2.8%
Copper R./Wrangell/Valdez	3.0%	4.6%	2.9%	4.5%	2.4%	4.0%
Southeast Alaska	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Elsewhere in Alaska	9.4%	12.3%	8.8%	11.4%	7.6%	10.2%
Outside Alaska	0.1%	0.7%	.0%	0.4%	0.0%	0.0%

Table B.54.
 Susitna Hydroelectric Project, Number of
 Small Town Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	5620	6230	5360	5960	4640	5220
In Alaska	5580	6190	5350	5950	4690	5270
Susitna Study Area	3720	4270	3590	4130	3060	3580
Area One	90	220	90	220	80	200
Area Two	910	1230	880	1200	740	1040
Area Three	970	1310	920	1250	820	1130
Area Four	30	110	20	90	10	70
Area Five	150	300	130	280	110	250
Area Six	160	310	160	310	110	250
Area Seven	80	200	80	200	60	170
Area Eight	0	30	0	30	0	30
Area Nine	30	110	30	110	10	70
Area Ten	0	30	0	30	0	0
Area Eleven	0	30	0	30	0	30
Area Twelve	0	50	0	50	0	50
Area Thirteen	180	350	180	350	150	300
Area Fourteen	410	640	390	610	310	520
10 Miles North of Denali Hwy	0	50	0	50	0	50
Anchorage/Chugach Mtn. Area	110	250	110	250	90	220
Kenai Peninsula	250	440	240	430	220	390
Copper R./Wrangell/Valdez	410	640	400	630	340	550
Southeast Alaska	10	70	10	70	0	50
Elsewhere in Alaska	1310	1690	1220	1590	1060	1410
Outside Alaska	20	90	0	50	0	0

Table B.55.
Susitna Hydroelectric Project, Percentage
of Rural Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	60.8%	67.2%	56.2%	62.6%	47.5%	54.2%
In Alaska	60.1%	66.5%	56.0%	62.4%	47.7%	54.3%
Susitna Study Area	43.5%	50.1%	40.1%	46.7%	34.4%	40.8%
Area One	2.9%	5.5%	2.1%	4.5%	1.6%	3.8%
Area Two	11.7%	16.3%	11.4%	16.0%	9.9%	14.1%
Area Three	7.5%	11.3%	6.9%	10.7%	5.3%	8.7%
Area Four	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Five	2.0%	4.4%	1.8%	4.0%	1.6%	3.8%
Area Six	1.7%	3.9%	1.4%	3.4%	1.1%	2.9%
Area Seven	0.7%	2.3%	0.7%	2.3%	0.6%	2.0%
Area Eight	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Nine	0.3%	1.5%	0.3%	1.5%	0.2%	1.2%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.5%	0.0%	0.5%	0.0%	0.3%
Area Twelve	.0%	0.8%	.0%	0.8%	.0%	0.8%
Area Thirteen	3.7%	6.7%	3.3%	6.1%	3.3%	6.1%
Area Fourteen	2.7%	5.3%	2.5%	5.1%	2.0%	4.2%
10 Miles North of Denali Hwy	0.3%	1.7%	0.3%	1.5%	0.2%	1.4%
Anchorage/Chugach Mtn. Area	1.1%	2.9%	0.6%	2.2%	0.6%	2.2%
Kenai Peninsula	0.9%	2.7%	0.8%	2.6%	0.6%	2.0%
Copper R./Wrangell/Valdez	2.2%	4.6%	2.0%	4.4%	1.8%	4.0%
Southeast Alaska	0.0%	0.3%	0.0%	0.3%	0.0%	0.0%
Elsewhere in Alaska	15.0%	20.0%	14.1%	18.9%	11.8%	16.4%
Outside Alaska	0.2%	1.4%	.0%	1.0%	0.0%	0.5%

Table B.56.
Susitna Hydroelectric Project, Number of
Rural Households Small Game Hunting by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1620	1790	1490	1670	1270	1440
In Alaska	1600	1770	1490	1660	1270	1440
Susitna Study Area	1160	1330	1070	1240	930	1090
Area One	80	150	60	120	40	100
Area Two	310	430	300	420	260	390
Area Three	200	300	180	280	140	230
Area Four	0	10	0	10	0	10
Area Five	50	120	50	110	40	100
Area Six	50	100	40	90	30	80
Area Seven	20	50	20	60	10	50
Area Eight	0	10	0	10	0	10
Area Nine	10	40	10	40	0	30
Area Ten	0	0	0	0	0	0
Area Eleven	0	10	0	10	0	10
Area Twelve	0	20	0	20	0	20
Area Thirteen	100	180	90	160	90	160
Area Fourteen	70	140	70	130	50	110
10 Miles North of Denali Hwy	10	40	10	40	10	40
Anchorage/Chugach Mtn. Area	30	80	20	60	20	60
Kenai Peninsula	20	70	20	70	10	50
Copper R./Wrangell/Valdez	60	120	50	120	50	110
Southeast Alaska	0	10	0	10	0	0
Elsewhere in Alaska	400	530	370	500	310	440
Outside Alaska	10	40	0	30	0	10

Table B.57.
Susitna Hydroelectric Project, Percentage
of All Households Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	82.2%	84.2%	79.8%	82.0%	70.5%	72.9%
In Alaska	81.6%	83.6%	79.3%	81.5%	70.4%	72.8%
Susitna Study Area	44.8%	47.6%	43.0%	45.8%	37.3%	39.9%
Area One	1.9%	2.7%	1.8%	2.6%	1.7%	2.5%
Area Two	12.8%	14.8%	12.5%	14.3%	10.8%	12.6%
Area Three	3.8%	5.0%	3.6%	4.6%	2.9%	3.9%
Area Four	0.3%	0.7%	0.3%	0.7%	0.3%	0.7%
Area Five	2.7%	3.7%	2.6%	3.6%	2.3%	3.1%
Area Six	2.1%	2.9%	1.9%	2.7%	1.4%	2.2%
Area Seven	0.9%	1.5%	0.9%	1.5%	0.6%	1.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.9%	1.5%	0.9%	1.5%	0.8%	1.4%
Area Ten	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	11.1%	12.9%	10.7%	12.5%	9.5%	11.1%
Area Fourteen	3.5%	4.5%	3.3%	4.3%	2.8%	3.8%
10 Miles North of Denali Hwy	0.6%	1.2%	0.6%	1.0%	0.5%	0.9%
Anchorage/Chugach Mtn. Area	2.4%	3.4%	2.4%	3.4%	2.1%	2.9%
Kenai Peninsula	32.8%	35.4%	32.0%	34.6%	28.3%	30.9%
Copper R./Wrangell/Valdez	3.2%	4.2%	3.1%	4.1%	2.8%	3.8%
Southeast Alaska	2.2%	3.0%	2.0%	2.8%	1.7%	2.5%
Elsewhere in Alaska	14.9%	16.9%	14.6%	16.6%	12.9%	14.9%
Outside Alaska	1.6%	2.4%	1.3%	1.9%	0.6%	1.2%

Table B.58.
Susitna Hydroelectric Project, Number of
All Households Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	100860	103400	97970	100640	86480	89540
In Alaska	100110	102680	97340	100040	86360	89420
Susitna Study Area	55020	58410	52810	56190	45730	49040
Area One	2310	3330	2200	3200	2090	3060
Area Two	15770	18110	15290	17610	13270	15450
Area Three	4700	6100	4360	5710	3560	4790
Area Four	370	850	370	850	370	850
Area Five	3330	4530	3220	4390	2760	3860
Area Six	2540	3600	2310	3330	1760	2660
Area Seven	1100	1840	1100	1840	780	1430
Area Eight	0	0	0	0	0	0
Area Nine	1100	1840	1100	1840	1000	1700
Area Ten	90	400	90	400	20	230
Area Eleven	20	230	20	230	20	230
Area Twelve	0	0	0	0	0	0
Area Thirteen	13630	15830	13150	15330	11610	13680
Area Fourteen	4240	5580	4020	5310	3440	4660
10 Miles North of Denali Hwy	780	1430	680	1280	580	1140
Anchorage/Chugach Mtn. Area	2990	4130	2990	4130	2540	3600
Kenai Peninsula	40250	43470	39280	42480	34780	37890
Copper R./Wrangell/Valdez	3900	5180	3790	5050	3440	4660
Southeast Alaska	2650	3730	2430	3470	2090	3060
Elsewhere in Alaska	18280	20760	17920	20380	15890	18240
Outside Alaska	1980	2930	1540	2390	780	1430

Table B.59.
Susitna Hydroelectric Project, Percentage
of Urban Households Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	81.3%	84.5%	78.7%	82.1%	69.1%	72.9%
In Alaska	80.6%	83.8%	78.2%	81.6%	68.9%	72.7%
Susitna Study Area	42.8%	47.0%	40.9%	45.1%	35.2%	39.2%
Area One	1.7%	2.9%	1.6%	2.8%	1.6%	2.8%
Area Two	11.7%	14.5%	11.3%	14.1%	9.7%	12.3%
Area Three	3.1%	4.7%	2.9%	4.5%	2.3%	3.7%
Area Four	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Five	2.5%	3.9%	2.4%	3.8%	2.0%	3.4%
Area Six	1.7%	2.9%	1.5%	2.7%	1.1%	2.1%
Area Seven	0.7%	1.7%	0.7%	1.5%	0.4%	1.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.8%	1.8%	0.8%	1.8%	0.7%	1.5%
Area Ten	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	10.7%	13.5%	10.2%	13.0%	9.0%	11.6%
Area Fourteen	3.0%	4.6%	2.8%	4.4%	2.5%	3.9%
10 Miles North of Denali Hwy	0.5%	1.3%	0.5%	1.3%	0.4%	1.2%
Anchorage/Chugach Mtn. Area	2.5%	3.9%	2.4%	3.8%	2.0%	3.4%
Kenai Peninsula	35.2%	39.2%	34.4%	38.4%	30.3%	34.3%
Copper R./Wrangell/Valdez	1.9%	3.3%	1.8%	3.2%	1.7%	2.9%
Southeast Alaska	2.2%	3.6%	1.9%	3.3%	1.7%	2.9%
Elsewhere in Alaska	14.5%	17.7%	14.3%	17.3%	12.6%	15.6%
Outside Alaska	1.6%	2.8%	1.2%	2.4%	0.5%	1.3%

Table B.60.
Susitna Hydroelectric Project, Number of
Urban Households Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	86360	89750	83610	87180	73370	77460	
In Alaska	85590	89030	83060	86670	73150	77250	
Susitna Study Area	45450	49930	43440	47900	37340	41690	
Area One	1770	3120	1680	3000	1680	3000	
Area Two	12400	15430	11990	14990	10270	13090	
Area Three	3270	5010	3080	4780	2420	3950	
Area Four	290	980	290	980	210	850	
Area Five	2610	4190	2510	4070	2140	3600	
Area Six	1770	3120	1580	2880	1130	2260	
Area Seven	780	1760	700	1640	450	1250	
Area Eight	0	0	0	0	0	0	
Area Nine	870	1890	870	1890	700	1640	
Area Ten	10	410	10	410	0	250	
Area Eleven	0	250	0	250	0	250	
Area Twelve	0	0	0	0	0	0	
Area Thirteen	11380	14320	10880	13760	9570	12310	
Area Fourteen	3180	4900	2980	4660	2610	4190	
10 Miles North of Denali Hwy	530	1380	530	1380	450	1250	
Anchorage/Chugach Mtn. Area	2610	4190	2510	4070	2140	3600	
Kenai Peninsula	37340	41690	36500	40830	32200	36410	
Copper R./Wrangell/Valdez	2050	3480	1950	3360	1770	3120	
Southeast Alaska	2320	3840	2050	3480	1770	3120	
Elsewhere in Alaska	15450	18760	15140	18420	13410	16540	
Outside Alaska	1680	3000	1310	2510	530	1380	

Table B.61.
Susitna Hydroelectric Project, Percentage
of Small Town Households Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	83.6%	86.8%	82.6%	85.8%	74.6%	78.4%
In Alaska	83.5%	86.7%	82.5%	85.7%	74.7%	78.5%
Susitna Study Area	52.5%	56.9%	51.5%	55.9%	46.1%	50.5%
Area One	1.1%	2.3%	1.1%	2.3%	1.0%	2.0%
Area Two	16.5%	19.9%	16.1%	19.5%	14.7%	17.9%
Area Three	6.7%	9.1%	6.5%	8.9%	5.7%	7.9%
Area Four	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Five	2.5%	4.1%	2.3%	3.9%	2.1%	3.5%
Area Six	2.7%	4.3%	2.7%	4.3%	2.3%	3.9%
Area Seven	1.1%	2.3%	1.1%	2.3%	0.9%	1.9%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Nine	0.5%	1.3%	0.5%	1.3%	0.3%	1.1%
Area Ten	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	10.1%	12.9%	10.1%	12.9%	9.2%	12.0%
Area Fourteen	3.8%	5.6%	3.7%	5.5%	3.1%	4.9%
10 Miles North of Denali Hwy	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Anchorage/Chugach Mtn. Area	0.8%	1.8%	0.8%	1.8%	0.6%	1.6%
Kenai Peninsula	13.4%	16.6%	13.1%	16.3%	11.6%	14.6%
Copper R./Wrangell/Valdez	9.3%	12.1%	9.3%	12.1%	8.9%	11.5%
Southeast Alaska	0.5%	1.3%	0.5%	1.3%	0.3%	1.1%
Elsewhere in Alaska	13.3%	16.5%	13.3%	16.5%	12.0%	15.0%
Outside Alaska	0.2%	0.8%	0.2%	0.8%	0.1%	0.5%

Table B.62.
Susitna Hydroelectric Project, Number of
Small Town Households Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	11610	12040	11460	11910	10360	10880
In Alaska	11590	12030	11450	11890	10370	10890
Susitna Study Area	7290	7890	7150	7760	6400	7010
Area One	160	310	160	310	130	280
Area Two	2290	2760	2240	2700	2040	2490
Area Three	930	1260	910	1230	790	1100
Area Four	30	110	30	110	30	110
Area Five	350	570	320	540	290	490
Area Six	370	600	370	600	320	540
Area Seven	160	310	160	310	120	270
Area Eight	0	50	0	50	0	50
Area Nine	70	180	70	180	50	150
Area Ten	0	50	0	50	0	50
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1400	1790	1400	1790	1280	1660
Area Fourteen	520	780	510	770	440	670
10 Miles North of Denali Hwy	10	70	10	70	0	50
Anchorage/Chugach Mtn. Area	110	250	110	250	90	220
Kenai Peninsula	1860	2300	1820	2260	1610	2020
Copper R./Wrangell/Valdez	1300	1670	1300	1670	1230	1600
Southeast Alaska	70	180	70	180	50	150
Elsewhere in Alaska	1850	2280	1850	2280	1670	2080
Outside Alaska	30	110	30	110	10	70

Table B.63.
Susitna Hydroelectric Project, Percentage
of Rural Households Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	83.9%	88.5%	82.4%	87.2%	74.3%	79.9%
In Alaska	83.6%	88.2%	82.3%	87.1%	74.5%	80.1%
Susitna Study Area	48.6%	55.2%	46.9%	53.5%	40.0%	46.6%
Area One	1.7%	3.9%	1.7%	3.9%	1.6%	3.8%
Area Two	13.8%	18.6%	13.5%	18.3%	12.6%	17.2%
Area Three	3.0%	5.8%	3.0%	5.6%	2.7%	5.3%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	2.3%	4.7%	2.3%	4.6%	2.1%	4.5%
Area Six	2.3%	4.7%	2.3%	4.7%	1.3%	3.4%
Area Seven	0.1%	1.1%	0.1%	1.1%	0.0%	1.0%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	1.2%	3.2%	0.6%	2.0%	0.0%	0.5%
Area Ten	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.8%	.0%	0.8%	.0%	0.8%
Area Thirteen	9.5%	13.7%	9.4%	13.6%	8.1%	12.1%
Area Fourteen	4.4%	7.6%	4.3%	7.5%	3.2%	6.0%
10 Miles North of Denali Hwy	0.3%	1.5%	0.3%	1.5%	0.3%	1.5%
Anchorage/Chugach Mtn. Area	0.5%	1.9%	0.5%	1.9%	0.3%	1.7%
Kenai Peninsula	9.6%	13.8%	9.1%	13.3%	8.0%	12.0%
Copper R./Wrangell/Valdez	5.2%	8.6%	5.1%	8.3%	5.0%	8.2%
Southeast Alaska	0.7%	2.3%	0.7%	2.3%	0.7%	2.3%
Elsewhere in Alaska	10.5%	14.9%	10.5%	14.9%	7.8%	11.8%
Outside Alaska	0.3%	1.5%	0.2%	1.4%	0.1%	1.1%

Table B.64.
Susitna Hydroelectric Project, Number of
Rural Households Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	2230	2350	2190	2320	1980	2120
In Alaska	2220	2350	2190	2320	1980	2130
Susitna Study Area	1290	1470	1350	1420	1060	1240
Area One	50	100	50	100	40	100
Area Two	370	500	360	490	330	460
Area Three	80	150	80	150	70	140
Area Four	0	0	0	0	0	0
Area Five	60	130	60	120	60	120
Area Six	60	130	60	130	30	90
Area Seven	0	30	0	30	0	30
Area Eight	0	0	0	0	0	0
Area Nine	30	80	10	50	0	10
Area Ten	0	10	0	10	0	10
Area Eleven	0	0	0	0	0	0
Area Twelve	0	20	0	20	0	20
Area Thirteen	250	360	250	360	220	320
Area Fourteen	120	200	120	200	90	160
10 Miles North of Denali Hwy	10	40	10	40	10	40
Anchorage/Chugach Mtn. Area	10	50	10	50	10	40
Kenai Peninsula	250	370	240	350	210	320
Copper R./Wrangell/Valdez	140	230	130	220	130	220
Southeast Alaska	20	60	20	60	20	60
Elsewhere in Alaska	280	400	280	400	210	310
Outside Alaska	10	40	10	40	0	30

Table B.65.
Susitna Hydroelectric Project, Percentage
of All Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	67.0%	69.6%	65.2%	67.8%	57.5%	60.3%
In Alaska	67.9%	70.5%	65.9%	68.5%	58.0%	60.8%
Susitna Study Area	40.9%	43.7%	39.4%	42.2%	33.8%	36.4%
Area One	1.3%	2.1%	1.3%	1.9%	1.2%	1.8%
Area Two	13.0%	15.0%	12.7%	14.5%	10.6%	12.4%
Area Three	2.7%	3.7%	2.6%	3.6%	2.1%	2.9%
Area Four	0.3%	0.7%	0.3%	0.7%	0.3%	0.7%
Area Five	1.7%	2.5%	1.6%	2.4%	1.4%	2.2%
Area Six	1.8%	2.6%	1.6%	2.4%	1.2%	1.8%
Area Seven	0.6%	1.2%	0.6%	1.2%	0.6%	1.0%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.5%	0.9%	0.5%	0.9%	0.4%	0.8%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	12.4%	14.2%	11.9%	13.7%	10.5%	12.3%
Area Fourteen	2.2%	3.0%	2.2%	3.0%	1.8%	2.6%
10 Miles North of Denali Hwy	0.4%	0.8%	0.4%	0.8%	0.4%	0.8%
Anchorage/Chugach Mtn. Area	1.3%	2.1%	1.3%	1.9%	1.1%	1.7%
Kenai Peninsula	31.7%	34.3%	31.0%	33.6%	27.3%	29.9%
Copper R./Wrangell/Valdez	3.3%	4.3%	3.1%	4.1%	2.7%	3.7%
Southeast Alaska	2.2%	3.0%	1.9%	2.7%	1.6%	2.4%
Elsewhere in Alaska	9.4%	11.0%	9.0%	10.6%	7.5%	9.1%
Outside Alaska	0.2%	0.6%	0.2%	0.6%	0.1%	0.5%

Table B.66.
Susitna Hydroelectric Project, Number of
All Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	82260	85420	80030	83230	70630	73970
In Alaska	83380	86510	80900	84080	71250	74580
Susitna Study Area	50250	53600	48410	51750	41460	44710
Area One	1650	2530	1540	2390	1430	2250
Area Two	16010	18360	15530	17860	13030	15200
Area Three	3330	4530	3220	4390	2540	3600
Area Four	370	850	370	850	370	850
Area Five	2090	3060	1980	2930	1760	2660
Area Six	2200	3200	1980	2930	1430	2250
Area Seven	780	1430	780	1430	680	1280
Area Eight	0	0	0	0	0	0
Area Nine	580	1140	580	1140	470	1000
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	15170	17480	14580	16850	12910	15070
Area Fourteen	2650	3730	2650	3730	2200	3200
10 Miles North of Denali Hwy	470	1000	470	1000	470	1000
Anchorage/Chugach Mtn. Area	1650	2530	1540	2390	1320	2120
Kenai Peninsula	38910	42110	38060	41240	33570	36640
Copper R./Wrangell/Valdez	4020	5310	3790	5050	3330	4530
Southeast Alaska	2650	3730	2310	3330	1980	2930
Elsewhere in Alaska	11490	13550	11020	13040	9250	11130
Outside Alaska	280	710	280	710	180	550

Table B.67.
Susitna Hydroelectric Project, Percentage
of Urban Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	65.6%	69.6%	63.8%	67.8%	56.1%	60.3%
In Alaska	66.4%	70.4%	64.5%	68.5%	56.6%	60.8%
Susitna Study Area	38.7%	42.9%	37.1%	41.3%	31.6%	35.6%
Area One	1.2%	2.2%	1.1%	2.1%	1.0%	2.0%
Area Two	11.7%	14.5%	11.3%	14.1%	9.3%	11.9%
Area Three	2.2%	3.6%	2.1%	3.5%	1.6%	2.8%
Area Four	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Five	1.5%	2.7%	1.4%	2.6%	1.2%	2.4%
Area Six	1.4%	2.6%	1.2%	2.4%	0.9%	1.9%
Area Seven	0.4%	1.2%	0.4%	1.2%	0.3%	1.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	11.9%	14.7%	11.3%	14.1%	10.0%	12.6%
Area Fourteen	1.8%	3.2%	1.8%	3.2%	1.5%	2.7%
10 Miles North of Denali Hwy	0.3%	1.1%	0.3%	0.9%	0.3%	0.9%
Anchorage/Chugach Mtn. Area	1.2%	2.4%	1.2%	2.2%	1.0%	2.0%
Kenai Peninsula	33.7%	37.7%	33.1%	37.1%	29.1%	33.1%
Copper R./Wrangell/Valdez	2.0%	3.4%	1.8%	3.2%	1.6%	2.8%
Southeast Alaska	2.1%	3.5%	1.8%	3.2%	1.5%	2.7%
Elsewhere in Alaska	8.8%	11.4%	8.4%	10.9%	7.1%	9.5%
Outside Alaska	0.2%	0.8%	0.1%	0.7%	0.1%	0.7%

Table B.68.
Susitna Hydroelectric Project, Number of
Urban Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	69690	73910	67750	72030	59600	64040
In Alaska	70560	74740	68510	72760	60130	64570
Susitna Study Area	41120	45550	39440	43830	33560	37810
Area One	1220	2390	1130	2260	1050	2140
Area Two	12400	15430	11990	14990	9870	12640
Area Three	2320	3840	2230	3720	1680	3000
Area Four	210	850	210	850	210	850
Area Five	1580	2880	1490	2750	1310	2510
Area Six	1490	2750	1310	2510	960	2020
Area Seven	450	1250	450	1250	370	1120
Area Eight	0	0	0	0	0	0
Area Nine	370	1120	370	1120	370	1120
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	12600	15660	11990	14990	10580	13430
Area Fourteen	1950	3360	1950	3360	1580	2880
10 Miles North of Denali Hwy	370	1120	290	980	290	980
Anchorage/Chugach Mtn. Area	1310	2510	1220	2390	1050	2140
Kenai Peninsula	35760	40080	35130	39430	30950	35120
Copper R./Wrangell/Valdez	2140	3600	1950	3360	1680	3000
Southeast Alaska	2230	3720	1950	3360	1580	2880
Elsewhere in Alaska	9370	12080	8940	11600	7570	10060
Outside Alaska	210	850	140	710	140	710

Table B.69.
Susitna Hydroelectric Project, Percentage
of Small Town Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	71.1%	74.9%	69.4%	73.4%	61.6%	65.8%
In Alaska	71.9%	75.7%	70.1%	74.1%	62.4%	66.6%
Susitna Study Area	48.4%	52.8%	47.6%	52.0%	41.9%	46.3%
Area One	0.6%	1.6%	0.6%	1.6%	0.5%	1.3%
Area Two	17.5%	20.9%	17.2%	20.6%	15.3%	18.5%
Area Three	4.5%	6.5%	4.4%	6.4%	3.7%	5.5%
Area Four	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Five	1.5%	2.7%	1.5%	2.7%	1.1%	2.3%
Area Six	2.4%	4.0%	2.4%	4.0%	2.1%	3.5%
Area Seven	0.8%	1.8%	0.8%	1.8%	0.6%	1.6%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.2%	0.8%	0.1%	0.7%	0.1%	0.5%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	11.8%	14.8%	11.6%	14.6%	10.8%	13.6%
Area Fourteen	2.5%	4.1%	2.4%	4.0%	2.0%	3.4%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.4%
Anchorage/Chugach Mtn. Area	0.6%	1.4%	0.6%	1.4%	0.6%	1.4%
Kenai Peninsula	13.9%	17.1%	13.3%	16.5%	11.8%	14.8%
Copper R./Wrangell/Valdez	9.3%	12.1%	9.2%	12.0%	8.6%	11.2%
Southeast Alaska	0.7%	1.7%	0.6%	1.6%	0.3%	1.1%
Elsewhere in Alaska	9.8%	12.6%	9.6%	12.4%	8.1%	10.7%
Outside Alaska	.0%	0.2%	0.0%	0.0%	0.0%	0.0%

Table B.70.
Susitna Hydroelectric Project, Number of
Small Town Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	9860	10400	9630	10180	8550	9130
In Alaska	9970	10510	9730	10280	8660	9240
Susitna Study Area	6720	7330	6610	7220	5820	6420
Area One	90	220	90	220	70	180
Area Two	2420	2900	2380	2860	2120	2570
Area Three	620	900	610	890	510	770
Area Four	30	110	30	110	30	110
Area Five	200	380	200	380	160	310
Area Six	340	550	340	550	290	490
Area Seven	110	250	110	250	90	220
Area Eight	0	30	0	30	0	30
Area Nine	30	110	20	90	10	70
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1640	2050	1610	2020	1490	1890
Area Fourteen	350	570	340	550	280	470
10 Miles North of Denali Hwy	0	50	0	50	0	50
Anchorage/Chugach Mtn. Area	80	200	80	200	80	200
Kenai Peninsula	1930	2370	1850	2280	1640	2050
Copper R./Wrangell/Valdez	1300	1670	1280	1660	1190	1560
Southeast Alaska	100	230	90	220	50	150
Elsewhere in Alaska	1360	1750	1340	1720	1130	1480
Outside Alaska	0	30	0	0	0	0

Table B.71.
 Susitna Hydroelectric Project, Percentage
 of Rural Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	70.7%	76.5%	66.6%	72.6%	55.8%	62.2%
In Alaska	72.7%	78.3%	68.5%	74.5%	57.9%	64.3%
Susitna Study Area	55.2%	61.6%	52.5%	59.1%	45.0%	51.6%
Area One	2.7%	5.3%	2.7%	5.3%	2.5%	4.9%
Area Two	19.7%	25.1%	18.8%	24.2%	16.5%	21.7%
Area Three	2.0%	4.4%	2.0%	4.4%	1.7%	3.9%
Area Four	.0%	0.8%	.0%	0.8%	0.0%	0.7%
Area Five	0.8%	2.6%	0.5%	1.9%	0.3%	1.7%
Area Six	2.3%	4.7%	2.3%	4.7%	1.3%	3.3%
Area Seven	1.2%	3.0%	1.2%	3.0%	0.8%	2.6%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.4%	1.8%	0.0%	0.3%	0.0%	0.3%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	11.6%	16.2%	11.4%	16.0%	9.9%	14.1%
Area Fourteen	4.1%	7.1%	4.0%	7.0%	3.3%	6.1%
10 Miles North of Denali Hwy	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Anchorage/Chugach Mtn. Area	0.2%	1.4%	0.2%	1.4%	0.2%	1.2%
Kenai Peninsula	12.6%	17.4%	11.0%	15.4%	8.8%	13.0%
Copper R./Wrangell/Valdez	10.0%	14.2%	8.8%	12.8%	5.8%	9.2%
Southeast Alaska	0.8%	2.6%	0.8%	2.6%	0.8%	2.4%
Elsewhere in Alaska	4.3%	7.5%	3.8%	6.8%	3.3%	6.1%
Outside Alaska	0.2%	1.2%	0.2%	1.2%	.0%	0.8%

Table B.72.
Susitna Hydroelectric Project, Number of
Rural Households Salmon Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1880	2040	1770	1930	1480	1660
In Alaska	1930	2080	1820	1980	1540	1710
Susitna Study Area	1470	1640	1400	1570	1200	1370
Area One	70	140	70	140	70	130
Area Two	520	670	500	640	440	580
Area Three	50	120	50	120	50	100
Area Four	0	20	0	20	0	20
Area Five	20	70	10	50	10	40
Area Six	60	130	60	130	30	90
Area Seven	30	80	30	80	20	70
Area Eight	0	0	0	0	0	0
Area Nine	10	50	0	10	0	10
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	310	430	300	420	260	380
Area Fourteen	110	190	110	190	90	160
10 Miles North of Denali Hwy	0	10	0	10	0	10
Anchorage/Chugach Mtn. Area	10	40	10	40	0	30
Kenai Peninsula	340	460	290	410	240	340
Copper R./Wrangell/Valdez	260	380	230	340	150	250
Southeast Alaska	20	70	20	70	20	60
Elsewhere in Alaska	120	200	100	180	90	160
Outside Alaska	0	30	0	30	0	30

Table B.73.
 Susitna Hydroelectric Project, Percentage
 of All Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	46.4%	49.2%	44.8%	47.6%	38.2%	41.0%
In Alaska	46.3%	49.1%	44.7%	47.5%	38.3%	41.1%
Susitna Study Area	26.2%	28.6%	25.4%	27.8%	21.6%	24.0%
Area One	0.7%	1.3%	0.7%	1.3%	0.6%	1.2%
Area Two	7.6%	9.2%	7.5%	9.1%	6.2%	7.6%
Area Three	1.5%	2.3%	1.5%	2.3%	1.1%	1.7%
Area Four	0.2%	0.6%	0.2%	0.6%	0.1%	0.5%
Area Five	1.0%	1.6%	1.0%	1.6%	0.8%	1.4%
Area Six	0.9%	1.5%	0.8%	1.4%	0.6%	1.0%
Area Seven	0.6%	1.0%	0.5%	0.9%	0.4%	0.8%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.5%	0.9%	0.5%	0.9%	0.5%	0.9%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	9.2%	10.8%	8.9%	10.5%	7.8%	9.4%
Area Fourteen	0.8%	1.4%	0.8%	1.4%	0.7%	1.3%
10 Miles North of Denali Hwy	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Anchorage/Chugach Mtn. Area	0.9%	1.5%	0.8%	1.4%	0.6%	1.0%
Kenai Peninsula	22.6%	25.0%	22.2%	24.6%	19.4%	21.6%
Copper R./Wrangell/Valdez	1.8%	2.6%	1.8%	2.6%	1.5%	2.3%
Southeast Alaska	1.4%	2.2%	1.2%	1.8%	0.9%	1.5%
Elsewhere in Alaska	5.4%	6.8%	5.2%	6.4%	4.1%	5.3%
Outside Alaska	0.1%	0.3%	0.1%	0.3%	.0%	0.2%

Table B.74.
 Susitna Hydroelectric Project, Number of
 All Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	56980	60370	55020	58410	46950	50270
In Alaska	56860	60250	54900	58280	47070	50400
Susitna Study Area	32120	35150	31150	34150	26560	29410
Area One	890	1570	890	1570	780	1430
Area Two	9370	11250	9250	11130	7610	9330
Area Three	1870	2800	1870	2800	1320	2120
Area Four	280	710	280	710	180	550
Area Five	1210	1980	1210	1980	1000	1700
Area Six	1100	1840	1000	1700	680	1280
Area Seven	680	1280	580	1140	470	1000
Area Eight	0	0	0	0	0	0
Area Nine	580	1140	580	1140	580	1140
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	11260	13290	10900	12910	9600	11510
Area Fourteen	1000	1700	1000	1700	890	1570
10 Miles North of Denali Hwy	180	550	180	550	180	550
Anchorage/Chugach Mtn. Area	1100	1840	1000	1700	680	1280
Kenai Peninsula	27770	30660	27290	30160	23790	26540
Copper R./Wrangell/Valdez	2200	3200	2200	3200	1870	2800
Southeast Alaska	1760	2660	1430	2250	1100	1840
Elsewhere in Alaska	6670	8300	6330	7910	5050	6490
Outside Alaska	90	400	90	400	20	230

Table B.75.
Susitna Hydroelectric Project, Percentage
of Urban Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	45.4%	49.6%	44.0%	48.2%	37.5%	41.7%
In Alaska	45.3%	49.5%	43.9%	48.1%	37.6%	41.8%
Susitna Study Area	24.6%	28.4%	23.9%	27.7%	20.1%	23.7%
Area One	0.6%	1.4%	0.6%	1.4%	0.5%	1.3%
Area Two	6.8%	9.0%	6.7%	8.9%	5.3%	7.3%
Area Three	1.2%	2.4%	1.2%	2.4%	0.8%	1.8%
Area Four	0.1%	0.7%	0.1%	0.7%	0.1%	0.5%
Area Five	0.8%	1.8%	0.8%	1.8%	0.7%	1.5%
Area Six	0.7%	1.5%	0.6%	1.4%	0.3%	1.1%
Area Seven	0.3%	1.1%	0.3%	0.9%	0.2%	0.8%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	8.7%	11.3%	8.4%	11.0%	7.3%	9.7%
Area Fourteen	0.6%	1.4%	0.6%	1.4%	0.5%	1.3%
10 Miles North of Denali Hwy	0.1%	0.7%	0.1%	0.7%	0.1%	0.7%
Anchorage/Chugach Mtn. Area	0.8%	1.8%	0.7%	1.7%	0.5%	1.3%
Kenai Peninsula	23.6%	27.2%	23.4%	27.0%	20.4%	24.0%
Copper R./Wrangell/Valdez	1.1%	2.1%	1.1%	2.1%	1.0%	2.0%
Southeast Alaska	1.3%	2.5%	1.1%	2.1%	0.8%	1.8%
Elsewhere in Alaska	5.2%	7.2%	4.9%	6.9%	3.8%	5.6%
Outside Alaska	.0%	0.4%	.0%	0.4%	.0%	0.2%

Table B.76.
Susitna Hydroelectric Project, Number of
Urban Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	48200	52700	46720	51210	39860	44260
In Alaska	48100	52590	46610	51100	39960	44370
Susitna Study Area	26160	30130	25430	29370	21400	25120
Area One	610	1510	610	1510	530	1380
Area Two	7180	9610	7080	9490	5600	7790
Area Three	1310	2510	1310	2510	870	1890
Area Four	140	710	140	710	70	560
Area Five	870	1890	870	1890	700	1640
Area Six	700	1640	610	1510	370	1120
Area Seven	370	1120	290	980	210	850
Area Eight	0	0	0	0	0	0
Area Nine	370	1120	370	1120	370	1120
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	9270	11970	8970	11640	7770	10280
Area Fourteen	610	1510	610	1510	530	1380
10 Miles North of Denali Hwy	140	710	140	710	140	710
Anchorage/Chugach Mtn. Area	870	1890	780	1760	530	1380
Kenai Peninsula	25020	28940	24810	28720	21710	25450
Copper R./Wrangell/Valdez	1130	2260	1130	2260	1050	2140
Southeast Alaska	1400	2630	1130	2260	870	1890
Elsewhere in Alaska	5500	7670	5210	7330	4040	5940
Outside Alaska	10	410	10	410	0	250

Table B.77.
 Susitna Hydroelectric Project, Percentage
 of Small Town Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	45.6%	50.0%	43.4%	47.8%	37.0%	41.2%
In Alaska	45.6%	50.0%	43.5%	47.9%	37.1%	41.3%
Susitna Study Area	29.7%	33.7%	29.0%	33.0%	25.8%	29.8%
Area One	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Two	10.1%	12.9%	9.8%	12.6%	8.7%	11.3%
Area Three	2.2%	3.6%	2.2%	3.6%	1.8%	3.2%
Area Four	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Area Five	1.0%	2.0%	1.0%	2.0%	0.8%	1.8%
Area Six	1.1%	2.3%	1.1%	2.3%	1.0%	2.0%
Area Seven	0.9%	1.9%	0.8%	1.8%	0.6%	1.6%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.1%	0.5%	.0%	0.4%	.0%	0.4%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	8.4%	11.0%	8.3%	10.9%	7.7%	10.3%
Area Fourteen	0.7%	1.7%	0.7%	1.7%	0.6%	1.6%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Kenai Peninsula	11.8%	14.8%	11.0%	14.0%	8.8%	11.4%
Copper R./Wrangell/Valdez	4.4%	6.4%	4.0%	6.0%	3.6%	5.4%
Southeast Alaska	0.5%	1.3%	0.4%	1.2%	0.2%	0.8%
Elsewhere in Alaska	4.9%	6.9%	4.4%	6.4%	3.6%	5.4%
Outside Alaska	.0%	0.4%	.0%	0.2%	.0%	0.2%

Table B.78.
 Susitna Hydroelectric Project, Number of
 Small Town Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	6330	6940	6020	6630	5130	5720
In Alaska	6330	6940	6040	6650	5140	5740
Susitna Study Area	4120	4680	4020	4580	3590	4130
Area One	40	130	40	130	30	110
Area Two	1400	1790	1360	1750	1210	1570
Area Three	300	500	300	500	250	440
Area Four	10	70	10	70	0	50
Area Five	130	280	130	280	110	250
Area Six	160	310	160	310	130	280
Area Seven	120	270	110	250	90	220
Area Eight	0	30	0	30	0	30
Area Nine	10	70	0	50	0	50
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1170	1530	1150	1510	1070	1420
Area Fourteen	100	230	100	230	90	220
10 Miles North of Denali Hwy	0	30	0	30	0	30
Anchorage/Chugach Mtn. Area	30	110	30	110	20	90
Kenai Peninsula	1640	2050	1530	1940	1220	1590
Copper R./Wrangell/Valdez	610	890	560	830	500	750
Southeast Alaska	70	180	60	170	30	110
Elsewhere in Alaska	680	960	610	890	500	750
Outside Alaska	0	50	0	30	0	30

Table B.79.
Susitna Hydroelectric Project, Percentage
of Rural Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	56.4%	62.8%	50.5%	57.1%	39.3%	45.9%
In Alaska	55.6%	62.0%	49.7%	56.3%	39.1%	45.7%
Susitna Study Area	35.2%	41.6%	33.6%	40.0%	28.5%	34.7%
Area One	1.2%	3.0%	1.2%	3.0%	1.1%	2.9%
Area Two	13.5%	18.3%	12.7%	17.5%	11.0%	15.4%
Area Three	1.2%	3.2%	1.2%	3.2%	0.8%	2.6%
Area Four	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Five	0.9%	2.7%	0.6%	2.2%	0.3%	1.5%
Area Six	0.3%	1.5%	0.3%	1.5%	0.3%	1.5%
Area Seven	0.8%	2.4%	0.8%	2.4%	0.6%	2.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	9.1%	13.3%	8.8%	12.8%	7.6%	11.4%
Area Fourteen	1.2%	3.0%	1.1%	2.9%	0.6%	2.2%
10 Miles North of Denali Hwy	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Anchorage/Chugach Mtn. Area	.0%	0.8%	0.0%	0.7%	0.0%	0.7%
Kenai Peninsula	10.5%	14.9%	8.5%	12.5%	6.2%	9.8%
Copper R./Wrangell/Valdez	6.7%	10.3%	6.0%	9.6%	2.5%	4.9%
Southeast Alaska	1.6%	3.6%	0.8%	2.4%	0.7%	2.3%
Elsewhere in Alaska	3.3%	6.1%	2.7%	5.3%	2.5%	5.1%
Outside Alaska	.0%	1.0%	.0%	1.0%	0.0%	0.7%

Table B.80.
Susitna Hydroelectric Project, Number of
Rural Households King Salmon Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1500	1670	1340	1520	1050	1220
In Alaska	1480	1650	1320	1500	1040	1210
Susitna Study Area	940	1110	890	1060	760	920
Area One	30	80	30	80	30	80
Area Two	360	490	340	460	290	410
Area Three	30	80	30	80	30	70
Area Four	0	10	0	10	0	10
Area Five	20	70	20	60	10	40
Area Six	10	40	10	40	10	40
Area Seven	20	60	20	60	20	60
Area Eight	0	0	0	0	0	0
Area Nine	0	10	0	10	0	10
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	240	350	230	340	200	300
Area Fourteen	30	80	30	80	20	60
10 Miles North of Denali Hwy	0	0	0	0	0	0
Anchorage/Chugach Mtn. Area	0	20	0	20	0	20
Kenai Peninsula	280	400	230	330	170	260
Copper R./Wrangell/Valdez	180	270	160	250	70	130
Southeast Alaska	40	100	20	60	20	60
Elsewhere in Alaska	90	160	70	140	70	130
Outside Alaska	0	30	0	30	0	20

Table B.81.
 Susitna Hydroelectric Project, Percentage
 of All Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	63.5%	66.1%	61.9%	64.5%	54.4%	57.2%
In Alaska	63.3%	65.9%	61.6%	64.2%	54.3%	57.1%
Susitna Study Area	36.9%	39.5%	35.6%	38.2%	30.9%	33.5%
Area One	1.3%	1.9%	1.3%	1.9%	1.1%	1.7%
Area Two	11.5%	13.3%	11.1%	12.9%	9.4%	11.0%
Area Three	2.5%	3.5%	2.4%	3.4%	2.1%	2.9%
Area Four	0.2%	0.6%	0.2%	0.6%	0.2%	0.6%
Area Five	1.5%	2.3%	1.4%	2.2%	1.3%	2.1%
Area Six	1.7%	2.5%	1.6%	2.4%	1.2%	1.8%
Area Seven	0.5%	0.9%	0.5%	0.9%	0.5%	0.9%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.5%	0.9%	0.5%	0.9%	0.4%	0.8%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	10.9%	12.7%	10.4%	12.2%	9.6%	11.2%
Area Fourteen	2.2%	3.0%	2.2%	3.0%	1.7%	2.5%
10 Miles North of Denali Hwy	0.4%	0.8%	0.3%	0.7%	0.3%	0.7%
Anchorage/Chugach Mtn. Area	1.2%	1.8%	1.2%	1.8%	1.0%	1.6%
Kenai Peninsula	28.7%	31.3%	28.2%	30.8%	24.8%	27.2%
Copper R./Wrangell/Valdez	3.2%	4.2%	3.0%	4.0%	2.6%	3.6%
Southeast Alaska	2.1%	2.9%	1.9%	2.7%	1.5%	2.3%
Elsewhere in Alaska	8.8%	10.4%	8.4%	10.0%	7.2%	8.6%
Outside Alaska	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%

Table B.82.
Susitna Hydroelectric Project, Number of
All Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	77920	81170	75940	79220	66810	70180
In Alaska	77670	80920	75570	78850	66690	70060
Susitna Study Area	45240	48540	43660	46940	37940	41110
Area One	1540	2390	1540	2390	1320	2120
Area Two	14100	16340	13630	15830	11490	13550
Area Three	3100	4260	2990	4130	2540	3600
Area Four	280	710	280	710	280	710
Area Five	1870	2800	1760	2660	1650	2530
Area Six	2090	3060	1980	2930	1430	2250
Area Seven	580	1140	580	1140	580	1140
Area Eight	0	0	0	0	0	0
Area Nine	580	1140	580	1140	470	1000
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	13390	15580	12800	14950	11730	13800
Area Fourteen	2650	3730	2650	3730	2090	3060
10 Miles North of Denali Hwy	470	1000	370	850	370	850
Anchorage/Chugach Mtn. Area	1430	2250	1430	2250	1210	1980
Kenai Peninsula	35270	38380	34660	37760	30430	33410
Copper R./Wrangell/Valdez	3900	5180	3670	4920	3220	4390
Southeast Alaska	2540	3600	2310	3330	1870	2800
Elsewhere in Alaska	10780	12790	10310	12280	8780	10610
Outside Alaska	180	550	180	550	180	550

Table B.83.
 Susitna Hydroelectric Project, Percentage
 of Urban Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	61.9%	65.9%	60.2%	64.4%	52.9%	57.1%
In Alaska	61.7%	65.7%	60.0%	64.2%	52.7%	56.9%
Susitna Study Area	34.7%	38.7%	33.4%	37.4%	28.8%	32.8%
Area One	1.1%	2.1%	1.1%	2.1%	1.0%	2.0%
Area Two	10.1%	12.9%	9.8%	12.4%	8.2%	10.6%
Area Three	2.0%	3.4%	1.9%	3.2%	1.6%	2.8%
Area Four	0.1%	0.7%	0.1%	0.7%	0.1%	0.7%
Area Five	1.3%	2.5%	1.3%	2.5%	1.2%	2.2%
Area Six	1.4%	2.6%	1.2%	2.4%	0.9%	1.9%
Area Seven	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	10.3%	13.1%	9.8%	12.4%	8.9%	11.5%
Area Fourteen	1.8%	3.0%	1.8%	3.0%	1.4%	2.6%
10 Miles North of Denali Hwy	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Anchorage/Chugach Mtn. Area	1.1%	2.1%	1.0%	2.0%	0.9%	1.9%
Kenai Peninsula	30.5%	34.5%	30.0%	34.0%	26.3%	30.1%
Copper R./Wrangell/Valdez	1.9%	3.3%	1.8%	3.2%	1.6%	2.8%
Southeast Alaska	2.0%	3.4%	1.8%	3.0%	1.5%	2.7%
Elsewhere in Alaska	8.4%	10.8%	8.0%	10.4%	6.8%	9.0%
Outside Alaska	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%

Table B.84.
Susitna Hydroelectric Project, Number of
Urban Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	65710	70030	63990	68350	56180	60660
In Alaska	65490	69820	63780	68140	55970	60450
Susitna Study Area	36810	41150	35450	39750	30640	34790
Area One	1130	2260	1130	2260	1050	2140
Area Two	10780	13650	10380	13200	8670	11300
Area Three	2140	3600	2050	3480	1680	3000
Area Four	140	710	140	710	140	710
Area Five	1400	2630	1400	2630	1220	2390
Area Six	1490	2750	1310	2510	960	2020
Area Seven	370	1120	370	1120	370	1120
Area Eight	0	0	0	0	0	0
Area Nine	370	1120	370	1120	370	1120
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	10980	13870	10380	13200	9470	12200
Area Fourteen	1860	3240	1860	3240	1490	2750
10 Miles North of Denali Hwy	290	980	290	980	290	980
Anchorage/Chugach Mtn. Area	1130	2260	1050	2140	960	2020
Kenai Peninsula	32410	36630	31890	36090	27930	31980
Copper R./Wrangell/Valdez	2050	3480	1950	3360	1680	3000
Southeast Alaska	2140	3600	1860	3240	1580	2880
Elsewhere in Alaska	8870	11520	8470	11070	7180	9610
Outside Alaska	70	560	70	560	70	560

Table B.85.
 Susitna Hydroelectric Project, Percentage
 of Small Town Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	68.1%	72.1%	66.5%	70.5%	59.2%	63.4%
In Alaska	68.1%	72.1%	66.5%	70.5%	59.3%	63.5%
Susitna Study Area	44.0%	48.4%	43.3%	47.7%	38.3%	42.7%
Area One	0.6%	1.6%	0.6%	1.6%	0.6%	1.4%
Area Two	15.6%	19.0%	15.4%	18.8%	13.6%	16.8%
Area Three	4.2%	6.2%	4.1%	6.1%	3.4%	5.2%
Area Four	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Five	1.2%	2.4%	1.2%	2.4%	1.0%	2.0%
Area Six	2.0%	3.4%	2.0%	3.4%	1.7%	3.1%
Area Seven	0.5%	1.3%	0.5%	1.3%	0.5%	1.3%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	11.0%	14.0%	10.9%	13.7%	10.1%	12.9%
Area Fourteen	2.4%	4.0%	2.3%	3.9%	1.9%	3.3%
10 Miles North of Denali Hwy	.0%	0.4%	.0%	0.4%	.0%	0.4%
Anchorage/Chugach Mtn. Area	0.6%	1.4%	0.6%	1.4%	0.6%	1.4%
Kenai Peninsula	12.9%	15.9%	12.4%	15.4%	11.0%	14.0%
Copper R./Wrangell/Valdez	9.1%	11.7%	9.0%	11.6%	8.3%	10.9%
Southeast Alaska	0.6%	1.6%	0.6%	1.4%	0.3%	1.1%
Elsewhere in Alaska	9.1%	11.7%	8.8%	11.4%	7.4%	9.8%
Outside Alaska	.0%	0.2%	0.0%	0.0%	0.0%	0.0%

Table B.86.
 Susitna Hydroelectric Project, Number of
 Small Town Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	9450	10010	9220	9790	8210	8800
In Alaska	9450	10010	9220	9790	8220	8820
Susitna Study Area	6110	6720	6010	6620	5320	5920
Area One	90	220	90	220	80	300
Area Two	2170	2630	2140	2600	1890	2330
Area Three	590	860	570	840	470	720
Area Four	30	110	30	110	30	110
Area Five	170	320	170	330	130	280
Area Six	280	470	280	470	240	430
Area Seven	70	180	70	180	70	180
Area Eight	0	30	0	30	0	30
Area Nine	30	110	30	110	20	90
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	1530	1940	1510	1910	1400	1790
Area Fourteen	340	550	320	540	260	460
10 Miles North of Denali Hwy	0	60	0	50	0	50
Anchorage/Chugach Mtn. Area	80	200	80	200	80	200
Kenai Peninsula	1780	2210	1720	2140	1530	1940
Copper R./Wrangell/Valdez	1260	1630	1240	1610	1150	1510
Southeast Alaska	90	220	80	200	50	150
Elsewhere in Alaska	1260	1630	1220	1590	1020	1360
Outside Alaska	0	30	0	0	0	0

Table B.87.
 Susitna Hydroelectric Project, Percentage
 of Rural Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	70.7%	76.5%	66.5%	72.5%	56.7%	63.1%
In Alaska	70.1%	75.9%	65.9%	71.9%	56.5%	62.9%
Susitna Study Area	52.7%	59.3%	50.1%	56.7%	42.6%	49.2%
Area One	2.2%	4.6%	2.2%	4.6%	2.0%	4.2%
Area Two	18.6%	24.0%	18.0%	23.4%	15.6%	20.6%
Area Three	2.1%	4.5%	2.1%	4.5%	1.9%	4.1%
Area Four	.0%	0.8%	.0%	0.8%	0.0%	0.7%
Area Five	0.4%	1.8%	0.3%	1.5%	0.2%	1.4%
Area Six	2.4%	4.8%	2.2%	4.6%	1.2%	3.0%
Area Seven	1.2%	3.0%	1.1%	2.9%	0.7%	2.3%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.4%	1.8%	0.0%	0.3%	0.0%	0.3%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	11.6%	16.2%	11.4%	16.0%	10.0%	14.4%
Area Fourteen	4.1%	7.1%	3.7%	6.7%	3.0%	5.8%
10 Miles North of Denali Hwy	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Anchorage/Chugach Mtn. Area	0.2%	1.4%	0.2%	1.4%	0.2%	1.2%
Kenai Peninsula	11.7%	16.3%	10.2%	14.6%	8.6%	12.6%
Copper R./Wrangell/Valdez	8.9%	13.1%	7.8%	11.6%	5.6%	9.0%
Southeast Alaska	0.8%	2.6%	0.8%	2.6%	0.8%	2.4%
Elsewhere in Alaska	4.1%	7.1%	3.6%	6.4%	3.1%	5.9%
Outside Alaska	.0%	1.0%	.0%	1.0%	.0%	0.8%

Table B.88.
Susitna Hydroelectric Project, Number of
Rural Households Other Salmon Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1880	2040	1770	1930	1510	1680
In Alaska	1860	2020	1750	1910	1500	1670
Susitna Study Area	1400	1580	1330	1510	1130	1310
Area One	60	120	60	120	50	110
Area Two	490	640	480	620	410	550
Area Three	60	120	60	120	50	110
Area Four	0	20	0	20	0	20
Area Five	10	50	10	40	10	40
Area Six	60	130	60	120	30	80
Area Seven	30	80	30	80	20	60
Area Eight	0	0	0	0	0	0
Area Nine	10	50	0	10	0	10
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	310	430	300	420	270	380
Area Fourteen	110	190	100	180	80	150
10 Miles North of Denali Hwy	0	10	0	10	0	10
Anchorage/Chugach Mtn. Area	10	40	10	40	0	30
Kenai Peninsula	310	430	270	390	230	340
Copper R./Wrangell/Valdez	240	350	210	310	150	240
Southeast Alaska	20	70	20	70	20	60
Elsewhere in Alaska	110	190	90	170	80	160
Outside Alaska	0	30	0	30	0	20

Table B.89.
Susitna Hydroelectric Project, Percentage
of All Households Trout Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	56.5%	59.3%	54.2%	57.0%	45.7%	48.5%
In Alaska	54.8%	57.6%	52.9%	55.7%	45.2%	48.0%
Susitna Study Area	34.5%	37.1%	33.2%	35.8%	28.4%	31.0%
Area One	1.8%	2.6%	1.7%	2.5%	1.5%	2.3%
Area Two	7.9%	9.5%	7.7%	9.3%	6.7%	8.1%
Area Three	3.9%	5.1%	3.6%	4.8%	3.2%	4.2%
Area Four	0.3%	0.7%	0.3%	0.7%	0.1%	0.5%
Area Five	2.9%	3.9%	2.9%	3.9%	2.3%	3.1%
Area Six	1.4%	2.2%	1.3%	2.1%	1.2%	1.8%
Area Seven	0.6%	1.2%	0.6%	1.2%	0.5%	0.9%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.8%	1.4%	0.7%	1.3%	0.6%	1.0%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Twelve	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Thirteen	6.5%	7.9%	6.3%	7.7%	5.6%	7.0%
Area Fourteen	3.8%	5.0%	3.6%	4.8%	3.1%	4.1%
10 Miles North of Denali Hwy	0.5%	0.9%	0.5%	0.9%	0.4%	0.8%
Anchorage/Chugach Mtn. Area	3.1%	4.1%	3.0%	4.0%	2.4%	3.4%
Kenai Peninsula	16.7%	18.9%	16.2%	18.2%	13.8%	15.8%
Copper R./Wrangell/Valdez	1.4%	2.2%	1.4%	2.2%	1.1%	1.7%
Southeast Alaska	1.1%	1.7%	1.0%	1.6%	0.8%	1.4%
Elsewhere in Alaska	11.1%	12.9%	10.8%	12.6%	9.2%	10.8%
Outside Alaska	1.3%	2.1%	0.9%	1.5%	0.4%	0.8%

Table B.90.
Susitna Hydroelectric Project, Number of
All Households Trout Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	69400	72750	66560	69940	56130	59510
In Alaska	67300	70670	64960	68350	55510	58900
Susitna Study Area	42320	45570	40730	43960	34910	38010
Area One	2200	3200	2090	3060	1870	2800
Area Two	9720	11640	9490	11380	8190	9970
Area Three	4820	6230	4470	5840	3900	5180
Area Four	370	850	370	850	180	550
Area Five	3560	4790	3560	4790	2760	3860
Area Six	1760	2660	1650	2530	1430	2250
Area Seven	780	1430	780	1430	580	1140
Area Eight	0	0	0	0	0	0
Area Nine	1000	1700	890	1570	680	1280
Area Ten	20	230	20	230	20	230
Area Eleven	90	400	90	400	20	230
Area Twelve	20	230	20	230	0	0
Area Thirteen	7960	9720	7730	9460	6910	8560
Area Fourteen	4700	6100	4470	5840	3790	5050
10 Miles North of Denali Hwy	580	1140	580	1140	470	1000
Anchorage/Chugach Mtn. Area	3790	5050	3670	4920	2990	4130
Kenai Peninsula	20550	23150	19830	22400	16960	19370
Copper R./Wrangell/Valdez	1760	2660	1760	2660	1320	2120
Southeast Alaska	1320	2120	1210	1980	1000	1700
Elsewhere in Alaska	13630	15830	13270	15450	11260	13290
Outside Alaska	1650	2530	1100	1840	470	1000

Table B.91.
Susitna Hydroelectric Project, Percentage
of Urban Households Trout Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	55.1%	59.3%	52.7%	56.9%	44.1%	48.3%
In Alaska	53.2%	57.4%	51.3%	55.5%	43.5%	47.7%
Susitna Study Area	31.9%	35.9%	30.7%	34.7%	26.0%	29.8%
Area One	1.6%	2.8%	1.5%	2.7%	1.3%	2.5%
Area Two	6.9%	9.3%	6.9%	9.1%	5.7%	7.9%
Area Three	2.9%	4.5%	2.7%	4.3%	2.3%	3.7%
Area Four	0.2%	0.8%	0.2%	0.8%	0.1%	0.5%
Area Five	2.5%	3.9%	2.5%	3.9%	1.8%	3.2%
Area Six	1.2%	2.4%	1.2%	2.2%	0.3%	1.9%
Area Seven	0.5%	1.3%	0.4%	1.2%	0.3%	1.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.7%	1.5%	0.6%	1.4%	0.5%	1.2%
Area Ten	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Eleven	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	6.2%	8.4%	6.0%	8.2%	5.4%	7.4%
Area Fourteen	3.3%	4.9%	3.1%	4.7%	2.5%	4.1%
10 Miles North of Denali Hwy	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Anchorage/Chugach Mtn. Area	3.2%	4.8%	3.1%	4.7%	2.5%	3.9%
Kenai Peninsula	17.7%	21.1%	17.1%	20.5%	14.5%	17.7%
Copper R./Wrangell/Valdez	0.8%	1.8%	0.8%	1.8%	0.6%	1.4%
Southeast Alaska	1.0%	2.0%	0.9%	1.9%	0.7%	1.7%
Elsewhere in Alaska	10.7%	13.5%	10.4%	13.2%	8.8%	11.4%
Outside Alaska	1.3%	2.5%	0.8%	1.8%	0.3%	0.9%

Table B.92.
Susitna Hydroelectric Project, Number of
Urban Households Trout Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	58530	62980	55970	60450	46830	51330
In Alaska	56500	60980	54470	58960	46190	50690
Susitna Study Area	33890	38140	32620	36840	27610	31650
Area One	1680	3000	1580	2880	1400	2630
Area Two	7380	9830	7280	9720	6090	8360
Area Three	3080	4780	2890	4540	2420	3950
Area Four	210	850	210	850	70	560
Area Five	2610	4190	2610	4190	1950	3360
Area Six	1310	2510	1220	2390	960	2020
Area Seven	530	1380	450	1250	370	1120
Area Eight	0	0	0	0	0	0
Area Nine	700	1640	610	1510	530	1380
Area Ten	0	250	0	250	0	0
Area Eleven	10	410	10	410	0	250
Area Twelve	0	0	0	0	0	0
Area Thirteen	6580	8920	6380	8700	5700	7900
Area Fourteen	3460	5250	3270	5010	2700	4310
10 Miles North of Denali Hwy	370	1120	370	1120	370	1120
Anchorage/Chugach Mtn. Area	3370	5130	3270	5010	2610	4190
Kenai Peninsula	18830	22390	18210	21730	15450	18760
Copper R./Wrangell/Valdez	870	1890	870	1890	610	1510
Southeast Alaska	1050	2140	960	2020	780	1760
Elsewhere in Alaska	11380	14320	11080	13990	9370	12080
Outside Alaska	1400	2630	870	1890	290	980

Table B.93.
Susitna Hydroelectric Project, Percentage
of Small Town Households Trout Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	58.2%	62.4%	56.4%	60.8%	49.4%	53.8%	
In Alaska	57.4%	61.8%	55.8%	60.2%	49.2%	53.6%	
Susitna Study Area	42.4%	46.8%	41.4%	45.8%	36.8%	41.0%	
Area One	1.1%	2.3%	1.1%	2.3%	1.0%	2.2%	
Area Two	9.4%	12.3%	9.1%	11.7%	8.1%	10.7%	
Area Three	8.4%	11.0%	8.1%	10.7%	7.2%	9.6%	
Area Four	0.3%	0.9%	0.2%	0.8%	0.2%	0.8%	
Area Five	3.5%	5.3%	3.4%	5.2%	3.1%	4.7%	
Area Six	1.5%	2.7%	1.5%	2.7%	1.2%	2.4%	
Area Seven	0.6%	1.6%	0.6%	1.6%	0.6%	1.4%	
Area Eight	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%	
Area Nine	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%	
Area Ten	.0%	0.4%	.0%	0.4%	.0%	0.2%	
Area Eleven	.0%	0.4%	.0%	0.4%	.0%	0.4%	
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.3%	
Area Thirteen	5.1%	7.3%	5.0%	7.2%	4.6%	6.6%	
Area Fourteen	5.0%	7.0%	5.0%	7.0%	4.3%	6.3%	
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%	
Anchorage/Chugach Mtn. Area	0.6%	1.6%	0.6%	1.4%	0.4%	1.2%	
Kenai Peninsula	6.3%	8.7%	6.1%	8.3%	5.2%	7.4%	
Copper R./Wrangell/Valdez	4.2%	6.2%	4.0%	6.0%	3.4%	5.2%	
Southeast Alaska	0.3%	0.8%	0.2%	0.8%	0.1%	0.5%	
Elsewhere in Alaska	9.6%	12.4%	9.3%	12.1%	8.3%	10.9%	
Outside Alaska	0.4%	1.2%	0.3%	1.1%	0.1%	0.5%	

Table B.94.
Susitna Hydroelectric Project, Number of
Small Town Households Trout Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	8070	8670	7830	8430	6860	7470
In Alaska	7970	8570	7750	8350	6830	7440
Susitna Study Area	5890	6490	5750	6350	5100	5700
Area One	160	310	160	310	150	300
Area Two	1310	1690	1260	1630	1130	1480
Area Three	1170	1530	1130	1480	1000	1330
Area Four	40	130	30	110	30	110
Area Five	490	740	470	720	420	660
Area Six	200	380	200	380	170	330
Area Seven	90	220	90	220	80	200
Area Eight	10	70	10	70	10	70
Area Nine	40	130	40	130	40	130
Area Ten	0	50	0	50	0	30
Area Eleven	0	50	0	50	0	50
Area Twelve	0	30	0	30	0	30
Area Thirteen	710	1010	700	990	640	920
Area Fourteen	690	980	690	980	600	870
10 Miles North of Denali Hwy	0	30	0	30	0	30
Anchorage/Chugach Mtn. Area	90	220	80	200	60	170
Kenai Peninsula	880	1200	840	1160	730	1020
Copper R./Wrangell/Valdez	590	860	560	830	470	720
Southeast Alaska	30	110	30	110	10	70
Elsewhere in Alaska	1340	1720	1300	1670	1150	1510
Outside Alaska	60	170	50	150	10	70

Table B.95.
Susitna Hydroelectric Project, Percentage
of Rural Households Trout Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	72.9%	78.5%	68.0%	74.0%	58.0%	64.4%
In Alaska	72.5%	78.1%	67.7%	73.7%	58.0%	64.4%
Susitna Study Area	59.6%	66.0%	55.4%	61.8%	49.4%	56.0%
Area One	3.6%	6.4%	2.7%	5.3%	2.7%	5.3%
Area Two	17.3%	22.5%	17.2%	22.4%	15.5%	20.5%
Area Three	6.3%	9.9%	6.1%	9.7%	5.4%	8.8%
Area Four	0.0%	0.7%	0.0%	0.7%	0.0%	0.5%
Area Five	4.1%	7.1%	4.0%	7.0%	3.7%	6.5%
Area Six	1.4%	3.4%	1.4%	3.4%	1.1%	2.9%
Area Seven	0.8%	2.4%	0.8%	2.4%	0.3%	1.7%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	1.6%	3.6%	0.1%	1.1%	.0%	1.0%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Twelve	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Thirteen	7.3%	11.1%	6.9%	10.7%	6.3%	9.9%
Area Fourteen	6.3%	9.9%	5.9%	9.3%	4.9%	8.1%
10 Miles North of Denali Hwy	0.5%	1.9%	0.5%	1.9%	0.5%	1.9%
Anchorage/Chugach Mtn. Area	0.3%	1.7%	0.3%	1.7%	0.3%	1.5%
Kenai Peninsula	5.6%	9.0%	4.3%	7.5%	3.5%	6.3%
Copper R./Wrangell/Valdez	3.0%	5.8%	2.9%	5.5%	1.4%	3.4%
Southeast Alaska	0.6%	2.0%	0.6%	2.0%	0.6%	2.0%
Elsewhere in Alaska	10.0%	14.4%	8.9%	13.1%	6.7%	10.3%
Outside Alaska	.0%	1.0%	.0%	0.8%	0.0%	0.5%

Table B.96.
Susitna Hydroelectric Project, Number of
Rural Households Trout Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1940	2090	1810	1970	1540	1710
In Alaska	1930	2080	1800	1960	1540	1710
Susitna Study Area	1590	1760	1470	1650	1310	1490
Area One	90	170	70	140	70	140
Area Two	460	600	460	600	410	550
Area Three	170	260	160	260	140	230
Area Four	0	20	0	20	0	10
Area Five	110	190	110	190	100	170
Area Six	40	90	40	90	30	80
Area Seven	20	60	20	60	10	40
Area Eight	0	0	0	0	0	0
Area Nine	40	100	0	30	0	30
Area Ten	0	0	0	0	0	0
Area Eleven	0	10	0	10	0	10
Area Twelve	0	10	0	10	0	10
Area Thirteen	190	300	180	280	170	260
Area Fourteen	170	260	160	250	130	230
10 Miles North of Denali Hwy	10	50	10	50	10	50
Anchorage/Chugach Mtn. Area	10	40	10	40	10	40
Kenai Peninsula	150	240	120	200	90	170
Copper R./Wrangell/Valdez	80	150	80	150	40	90
Southeast Alaska	10	50	10	50	10	50
Elsewhere in Alaska	270	380	240	350	180	270
Outside Alaska	0	30	0	20	0	10

Table B.97.
Susitna Hydroelectric Project, Percentage
of All Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	39.4%	42.2%	37.1%	39.7%	29.7%	32.3%
In Alaska	39.2%	42.0%	36.9%	39.5%	29.7%	32.3%
Susitna Study Area	22.7%	25.1%	21.4%	23.8%	17.4%	19.6%
Area One	1.8%	2.6%	1.7%	2.5%	1.4%	2.2%
Area Two	5.0%	6.2%	4.8%	6.0%	3.7%	4.9%
Area Three	1.7%	2.5%	1.6%	2.4%	1.3%	1.9%
Area Four	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Five	2.5%	3.5%	2.4%	3.4%	1.9%	2.7%
Area Six	1.4%	2.2%	1.3%	2.1%	1.0%	1.6%
Area Seven	0.9%	1.4%	0.8%	1.4%	0.6%	1.0%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	1.0%	1.6%	0.9%	1.5%	0.7%	1.3%
Area Ten	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Eleven	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Twelve	0.2%	0.6%	0.1%	0.5%	0.1%	0.3%
Area Thirteen	3.6%	4.6%	3.3%	4.3%	2.9%	3.9%
Area Fourteen	0.9%	1.5%	0.9%	1.5%	0.7%	1.3%
10 Miles North of Denali Hwy	0.8%	1.4%	0.7%	1.3%	0.6%	1.2%
Anchorage/Chugach Mtn. Area	0.7%	1.3%	0.6%	1.2%	0.5%	0.9%
Kenai Peninsula	7.1%	8.5%	6.8%	8.2%	5.6%	7.0%
Copper R./Wrangell/Valdez	1.4%	2.2%	1.2%	1.8%	1.0%	1.6%
Southeast Alaska	0.3%	0.7%	0.3%	0.7%	0.3%	0.7%
Elsewhere in Alaska	13.5%	15.5%	12.7%	14.7%	10.3%	12.1%
Outside Alaska	0.1%	0.5%	0.1%	0.3%	.0%	0.2%

Table B.98.
Susitna Hydroelectric Project, Number of
All Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	48410	51750	45480	48790	36480	39620
In Alaska	48170	51510	45240	48540	36480	39620
Susitna Study Area	27890	30790	26320	29160	21390	24030
Area One	2200	3200	2090	3060	1760	2660
Area Two	6090	7660	5860	7400	4590	5970
Area Three	2090	3060	1980	2930	1540	2390
Area Four	180	550	180	550	180	550
Area Five	3100	4260	2990	4130	2310	3330
Area Six	1760	2660	1650	2530	1210	1980
Area Seven	1000	1700	1000	1700	680	1280
Area Eight	20	230	20	230	20	230
Area Nine	1210	1980	1100	1840	890	1570
Area Ten	20	230	20	230	0	0
Area Eleven	20	230	20	230	0	0
Area Twelve	280	710	180	550	90	400
Area Thirteen	4360	5710	4020	5310	3560	4790
Area Fourteen	1100	1840	1100	1840	890	1570
10 Miles North of Denali Hwy	1000	1700	890	1570	780	1430
Anchorage/Chugach Mtn. Area	890	1570	780	1430	580	1140
Kenai Peninsula	8660	10490	8310	10100	6910	8560
Copper R./Wrangell/Valdez	1760	2660	1430	2250	1210	1980
Southeast Alaska	370	850	370	850	370	850
Elsewhere in Alaska	16600	19000	15650	17990	12680	14820
Outside Alaska	180	550	90	400	20	230

Table B.99.
Susitna Hydroelectric Project, Percentage
of Urban Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	37.6%	41.8%	35.3%	39.5%	27.9%	31.7%
In Alaska	37.3%	41.5%	35.2%	39.2%	27.9%	31.7%
Susitna Study Area	20.6%	24.2%	19.6%	23.0%	15.6%	18.8%
Area One	1.6%	2.8%	1.5%	2.7%	1.2%	2.2%
Area Two	4.3%	6.1%	4.1%	5.9%	3.1%	4.7%
Area Three	1.2%	2.4%	1.2%	2.2%	0.9%	1.9%
Area Four	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Five	2.1%	3.5%	2.0%	3.4%	1.5%	2.7%
Area Six	1.1%	2.1%	1.0%	2.0%	0.7%	1.5%
Area Seven	0.7%	1.5%	0.6%	1.4%	0.3%	1.1%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.8%	1.8%	0.7%	1.7%	0.6%	1.4%
Area Ten	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Eleven	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Twelve	0.1%	0.7%	0.1%	0.5%	.0%	0.4%
Area Thirteen	3.2%	4.8%	2.9%	4.5%	2.5%	4.1%
Area Fourteen	0.7%	1.5%	0.7%	1.5%	0.5%	1.3%
10 Miles North of Denali Hwy	0.7%	1.7%	0.7%	1.5%	0.5%	1.3%
Anchorage/Chugach Mtn. Area	0.7%	1.5%	0.5%	1.3%	0.3%	1.1%
Kenai Peninsula	7.4%	9.8%	7.0%	9.4%	5.8%	8.0%
Copper R./Wrangell/Valdez	1.0%	2.0%	0.7%	1.7%	0.6%	1.4%
Southeast Alaska	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Elsewhere in Alaska	13.1%	16.1%	12.3%	15.3%	9.9%	12.5%
Outside Alaska	0.1%	0.5%	.0%	0.4%	.0%	0.2%

Table B.100.
Susitna Hydroelectric Project, Number of
Urban Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	39960	44370	37550	41900	39590	33710
In Alaska	39650	44050	37340	41690	39590	33710
Susitna Study Area	21920	25670	20780	24470	16570	19970
Area One	1680	3000	1580	2880	1220	2390
Area Two	4520	6520	4330	6290	3270	5010
Area Three	1310	2510	1220	2390	960	2020
Area Four	70	560	70	560	70	560
Area Five	2230	3720	2140	3600	1580	2880
Area Six	1130	2260	1050	2140	700	1640
Area Seven	700	1640	610	1510	370	1120
Area Eight	0	250	0	250	0	250
Area Nine	870	1890	780	1760	610	1510
Area Ten	0	250	0	250	0	0
Area Eleven	0	250	0	250	0	0
Area Twelve	140	710	70	560	10	410
Area Thirteen	3370	5130	3080	4780	2700	4310
Area Fourteen	700	1640	700	1640	530	1380
10 Miles North of Denali Hwy	780	1760	700	1640	530	1380
Anchorage/Chugach Mtn. Area	700	1640	530	1380	370	1120
Kenai Peninsula	7870	10400	7470	9940	6190	8470
Copper R./Wrangell/Valdez	1050	2140	780	1760	610	1510
Southeast Alaska	290	980	290	980	210	850
Elsewhere in Alaska	13920	17100	13100	16210	10480	13320
Outside Alaska	70	560	10	410	0	250

Table B.101.
Susitna Hydroelectric Project, Percentage
of Small Town Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	43.0%	47.4%	40.3%	44.7%	34.3%	38.5%
In Alaska	43.0%	47.4%	40.3%	44.7%	34.4%	38.6%
Susitna Study Area	28.2%	32.3%	26.4%	30.4%	22.7%	26.5%
Area One	1.2%	2.4%	1.1%	2.3%	1.0%	2.0%
Area Two	5.5%	7.7%	5.2%	7.4%	4.9%	6.9%
Area Three	3.1%	4.7%	2.7%	4.3%	2.2%	3.6%
Area Four	0.3%	0.9%	0.2%	0.8%	0.2%	0.8%
Area Five	3.7%	5.5%	3.3%	5.1%	2.8%	4.4%
Area Six	2.2%	3.6%	2.0%	3.4%	1.6%	2.6%
Area Seven	1.0%	2.0%	1.0%	2.0%	0.8%	1.8%
Area Eight	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Nine	1.0%	2.0%	0.9%	1.9%	0.7%	1.7%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Thirteen	3.1%	4.7%	3.0%	4.6%	2.6%	4.2%
Area Fourteen	1.2%	2.4%	1.1%	2.3%	0.9%	1.9%
10 Miles North of Denali Hwy	0.2%	0.8%	0.1%	0.7%	0.1%	0.5%
Anchorage/Chugach Mtn. Area	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Kenai Peninsula	2.4%	4.0%	2.3%	3.9%	1.9%	3.3%
Copper R./Wrangell/Valdez	2.7%	4.3%	2.5%	4.1%	2.0%	3.4%
Southeast Alaska	.0%	0.4%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	12.1%	15.1%	11.4%	14.4%	9.3%	12.1%
Outside Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%

Table B.102.
Susitna Hydroelectric Project, Number of
Small Town Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	5970	6580	5600	6200	4760	5340
In Alaska	5970	6580	5600	6200	4770	5360
Susitna Study Area	3910	4470	3670	4220	3150	3680
Area One	170	330	160	310	130	280
Area Two	760	1070	730	1020	680	960
Area Three	420	660	370	600	300	500
Area Four	40	130	30	110	30	110
Area Five	510	770	460	710	390	610
Area Six	300	500	280	470	220	390
Area Seven	130	280	130	290	110	250
Area Eight	10	70	10	70	10	70
Area Nine	130	280	120	270	100	230
Area Ten	0	30	0	30	0	30
Area Eleven	0	0	0	0	0	0
Area Twelve	0	50	0	50	0	30
Area Thirteen	420	660	410	640	360	580
Area Fourteen	170	330	160	310	120	270
10 Miles North of Denali Hwy	30	110	20	90	10	70
Anchorage/Chugach Mtn. Area	30	110	30	110	30	110
Kenai Peninsula	340	550	320	540	260	460
Copper R./Wrangell/Valdez	370	600	350	570	280	470
Southeast Alaska	0	50	0	30	0	30
Elsewhere in Alaska	1680	2100	1590	1990	1300	1670
Outside Alaska	0	30	0	30	0	30

Table B.103.
Susitna Hydroelectric Project, Percentage
of Rural Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	58.9%	65.3%	54.6%	61.2%	44.9%	51.5%
In Alaska	58.9%	65.3%	54.8%	61.4%	45.2%	51.8%
Susitna Study Area	44.7%	51.3%	40.8%	47.4%	36.2%	42.6%
Area One	4.4%	7.6%	3.5%	6.3%	3.5%	6.3%
Area Two	12.3%	16.9%	11.6%	16.2%	10.4%	14.8%
Area Three	3.8%	6.8%	3.3%	6.1%	3.1%	5.9%
Area Four	.0%	1.0%	.0%	1.0%	0.0%	0.7%
Area Five	2.7%	5.3%	2.7%	5.3%	2.3%	4.7%
Area Six	2.1%	4.5%	2.0%	4.4%	1.6%	3.6%
Area Seven	0.6%	2.2%	0.6%	2.2%	0.3%	1.5%
Area Eight	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Nine	1.0%	2.8%	0.3%	1.7%	0.2%	1.4%
Area Ten	0.0%	0.3%	0.0%	0.3%	0.0%	0.0%
Area Eleven	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Twelve	0.1%	1.1%	0.1%	1.1%	.0%	1.0%
Area Thirteen	5.4%	8.8%	5.1%	8.5%	4.5%	7.7%
Area Fourteen	2.0%	4.2%	1.9%	4.1%	1.6%	3.8%
10 Miles North of Denali Hwy	0.7%	2.3%	0.7%	2.3%	0.6%	2.2%
Anchorage/Chugach Mtn. Area	0.3%	1.5%	0.3%	1.5%	0.3%	1.5%
Kenai Peninsula	1.4%	3.4%	1.3%	3.3%	0.9%	2.7%
Copper R./Wrangell/Valdez	3.6%	6.4%	3.4%	6.2%	2.4%	4.8%
Southeast Alaska	0.0%	0.5%	0.0%	0.5%	0.0%	0.3%
Elsewhere in Alaska	14.1%	18.9%	12.4%	17.0%	8.1%	12.1%
Outside Alaska	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table B.104.
Susitna Hydroelectric Project, Number of
Rural Households Grayling Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1570	1740	1450	1630	1190	1370
In Alaska	1570	1740	1450	1630	1200	1380
Susitna Study Area	1190	1360	1090	1260	960	1130
Area One	120	200	90	170	90	170
Area Two	330	450	310	430	280	390
Area Three	100	180	90	160	80	160
Area Four	0	30	0	30	0	20
Area Five	70	140	70	140	60	130
Area Six	60	120	50	120	40	100
Area Seven	20	60	20	60	10	40
Area Eight	0	10	0	10	0	10
Area Nine	30	70	10	40	10	40
Area Ten	0	10	0	10	0	0
Area Eleven	0	10	0	10	0	10
Area Twelve	0	30	0	30	0	30
Area Thirteen	140	230	140	220	120	200
Area Fourteen	50	110	50	110	40	100
10 Miles North of Denali Hwy	20	60	20	60	20	60
Anchorage/Chugach Mtn. Area	10	40	10	40	10	40
Kenai Peninsula	40	90	30	90	20	70
Copper R./Wrangell/Valdez	90	170	90	170	60	130
Southeast Alaska	0	10	0	10	0	10
Elsewhere in Alaska	370	500	330	450	220	320
Outside Alaska	0	0	0	0	0	0

Table B.105.
 Susitna Hydroelectric Project, Percentage
 of All Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	12.5%	14.3%	11.5%	13.3%	8.9%	10.5%
In Alaska	12.5%	14.3%	11.5%	13.3%	9.0%	10.6%
Susitna Study Area	5.7%	7.1%	5.2%	6.6%	4.0%	5.2%
Area One	0.3%	0.7%	0.2%	0.6%	0.2%	0.6%
Area Two	0.7%	1.3%	0.6%	1.2%	0.5%	0.9%
Area Three	0.3%	0.7%	0.3%	0.7%	0.1%	0.5%
Area Four	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Five	1.4%	2.2%	1.3%	1.9%	0.9%	1.5%
Area Six	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Seven	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.1%	0.3%	0.1%	0.3%	.0%	0.2%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.6%	1.0%	0.6%	1.0%	0.4%	0.8%
Area Fourteen	0.3%	0.7%	0.3%	0.7%	0.2%	0.6%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Kenai Peninsula	2.3%	3.1%	2.1%	2.9%	1.7%	2.5%
Copper R./Wrangell/Valdez	0.4%	0.8%	0.4%	0.8%	0.3%	0.7%
Southeast Alaska	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Elsewhere in Alaska	3.6%	4.6%	3.5%	4.5%	2.7%	3.7%
Outside Alaska	0.1%	0.5%	0.1%	0.3%	0.1%	0.3%

Table B.106.
Susitna Hydroelectric Project, Number of
All Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	15290	17610	14100	16340	10900	12910
In Alaska	15290	17610	14100	16340	11020	13040
Susitna Study Area	7020	8690	6440	8040	4930	6360
Area One	370	850	280	710	280	710
Area Two	890	1570	780	1430	590	1140
Area Three	370	850	370	850	180	550
Area Four	20	230	20	230	20	230
Area Five	1760	2660	1540	2390	1100	1840
Area Six	180	550	180	550	180	550
Area Seven	90	400	90	400	90	400
Area Eight	0	0	0	0	0	0
Area Nine	90	400	90	400	20	230
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	680	1280	680	1280	470	1000
Area Fourteen	370	850	370	850	280	710
10 Miles North of Denali Hwy	20	230	20	230	20	230
Anchorage/Chugach Mtn. Area	180	550	180	550	90	400
Kenai Peninsula	2760	3860	2540	3600	2090	3060
Copper R./Wrangell/Valdez	470	1000	470	1000	370	850
Southeast Alaska	180	550	180	550	90	400
Elsewhere in Alaska	4360	5710	4240	5580	3330	4530
Outside Alaska	180	550	90	400	90	400

Table B.107.
Susitna Hydroelectric Project, Percentage
of Urban Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	11.4%	14.2%	10.4%	13.2%	8.0%	10.4%
In Alaska	11.3%	14.1%	10.4%	13.2%	8.0%	10.4%
Susitna Study Area	4.6%	6.6%	4.2%	6.0%	3.2%	4.8%
Area One	0.2%	0.8%	0.1%	0.7%	0.1%	0.7%
Area Two	0.5%	1.3%	0.4%	1.2%	0.3%	1.1%
Area Three	0.2%	0.8%	0.1%	0.7%	0.1%	0.5%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.9%	1.9%	0.7%	1.5%	0.4%	1.2%
Area Six	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Seven	.0%	0.4%	.0%	0.4%	.0%	0.3%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.4%	.0%	0.4%	.0%	0.2%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Fourteen	0.2%	0.8%	0.2%	0.8%	0.1%	0.5%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Kenai Peninsula	2.3%	3.7%	2.0%	3.4%	1.7%	2.9%
Copper R./Wrangell/Valdez	0.1%	0.7%	0.1%	0.7%	0.1%	0.5%
Southeast Alaska	0.1%	0.7%	0.1%	0.7%	.0%	0.4%
Elsewhere in Alaska	3.3%	4.9%	3.1%	4.7%	2.5%	3.9%
Outside Alaska	0.1%	0.5%	0.1%	0.5%	.0%	0.4%

Table B.108.
Susitna Hydroelectric Project, Number of
Urban Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	12090	15100	11080	13990	8470	11070
In Alaska	11990	14990	11080	13990	8470	11070
Susitna Study Area	4910	6980	4430	6410	3370	5130
Area One	210	850	140	710	140	710
Area Two	530	1380	450	1250	370	1120
Area Three	210	850	140	710	70	560
Area Four	0	0	0	0	0	0
Area Five	960	2020	700	1640	450	1250
Area Six	10	410	10	410	10	410
Area Seven	10	410	10	410	0	250
Area Eight	0	0	0	0	0	0
Area Nine	10	410	10	410	0	250
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	370	1120	370	1120	290	980
Area Fourteen	210	850	210	850	70	560
10 Miles North of Denali Hwy	0	250	0	250	0	250
Anchorage/Chugach Mtn. Area	70	560	70	560	10	410
Kenai Peninsula	2420	3950	2140	3600	1770	3120
Copper R./Wrangell/Valdez	140	710	140	710	70	560
Southeast Alaska	140	710	140	710	10	410
Elsewhere in Alaska	3460	5250	3270	5010	2610	4190
Outside Alaska	70	560	70	560	10	410

Table B.109.
Susitna Hydroelectric Project, Percentage
of Small Town Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	14.3%	17.5%	13.7%	16.9%	10.8%	13.6%
In Alaska	14.3%	17.5%	13.7%	16.9%	10.8%	13.6%
Susitna Study Area	8.7%	11.3%	8.4%	11.0%	6.4%	8.8%
Area One	0.1%	0.5%	.0%	0.4%	.0%	0.4%
Area Two	0.8%	1.8%	0.8%	1.8%	0.6%	1.6%
Area Three	0.3%	0.9%	0.3%	0.9%	0.1%	0.7%
Area Four	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Five	3.1%	4.9%	3.1%	4.7%	2.0%	3.4%
Area Six	0.6%	1.4%	0.6%	1.4%	0.5%	1.3%
Area Seven	0.2%	0.8%	0.2%	0.8%	0.1%	0.5%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.6%	1.6%	0.6%	1.6%	0.6%	1.4%
Area Fourteen	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
10 Miles North of Denali Hwy	.0%	0.2%	.0%	0.2%	.0%	0.2%
Anchorage/Chugach Mtn. Area	.0%	0.4%	.0%	0.4%	.0%	0.4%
Kenai Peninsula	0.6%	1.6%	0.6%	1.6%	0.5%	1.3%
Copper R./Wrangell/Valdez	1.3%	2.5%	1.3%	2.5%	1.0%	2.0%
Southeast Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	3.4%	5.2%	3.1%	4.9%	2.4%	4.0%
Outside Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%

Table B.110.
Susitna Hydroelectric Project, Number of
Small Town Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1980	2430	1900	2340	1490	1890
In Alaska	1980	2430	1900	2340	1490	1890
Susitna Study Area	1210	1570	1170	1530	990	1220
Area One	10	70	0	50	0	50
Area Two	110	250	110	250	90	220
Area Three	40	130	40	130	20	90
Area Four	0	30	0	30	0	30
Area Five	440	670	420	660	280	470
Area Six	80	200	80	200	70	180
Area Seven	30	110	30	110	10	70
Area Eight	0	30	0	30	0	30
Area Nine	0	30	0	30	0	30
Area Ten	0	30	0	30	0	30
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	90	220	90	220	80	200
Area Fourteen	40	130	40	130	30	110
10 Miles North of Denali Hwy	0	30	0	30	0	30
Anchorage/Chugach Mtn. Area	0	50	0	50	0	50
Kenai Peninsula	90	220	90	220	70	180
Copper R./Wrangell/Valdez	180	350	180	350	130	280
Southeast Alaska	0	30	0	30	0	30
Elsewhere in Alaska	470	720	440	670	340	550
Outside Alaska	0	30	0	30	0	30

Table B.111.
Susitna Hydroelectric Project, Percentage
of Rural Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	22.1%	27.7%	20.6%	26.2%	15.0%	20.0%
In Alaska	22.6%	28.4%	21.2%	26.8%	15.4%	20.4%
Susitna Study Area	16.8%	22.0%	15.7%	20.7%	12.6%	17.4%
Area One	0.8%	2.6%	0.8%	2.6%	0.7%	2.3%
Area Two	2.0%	4.2%	1.7%	3.9%	1.2%	3.2%
Area Three	0.6%	2.2%	0.5%	1.9%	0.4%	1.8%
Area Four	0.0%	0.0%	0.0%	0.0%	4.6%	7.8%
Area Five	6.4%	10.0%	5.9%	9.5%	0.3%	1.5%
Area Six	0.3%	1.7%	0.3%	1.5%	0.3%	1.5%
Area Seven	0.1%	1.1%	0.1%	1.1%	0.1%	1.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.3%	.0%	0.3%	.0%	0.3%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.7%	2.3%	0.7%	2.3%	0.3%	1.7%
Area Fourteen	0.1%	1.1%	0.1%	1.1%	.0%	1.0%
10 Miles North of Denali Hwy	0.3%	1.5%	0.3%	1.5%	0.2%	1.4%
Anchorage/Chugach Mtn. Area	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Kenai Peninsula	0.3%	1.7%	0.3%	1.7%	0.2%	1.2%
Copper R./Wrangell/Valdez	0.7%	2.3%	0.6%	2.0%	0.3%	1.7%
Southeast Alaska	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Elsewhere in Alaska	3.4%	6.2%	3.2%	6.0%	1.4%	3.4%
Outside Alaska	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table B.112.
Susitna Hydroelectric Project, Number of
Rural Households Burbot or Cod Fishing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	590	740	550	700	400	530
In Alaska	600	750	560	710	410	540
Susitna Study Area	450	590	420	550	340	460
Area One	20	70	20	70	20	60
Area Two	50	110	50	100	30	80
Area Three	20	60	10	50	10	50
Area Four	0	0	0	0	120	210
Area Five	170	270	160	250	10	40
Area Six	10	40	10	40	10	40
Area Seven	0	30	0	30	0	30
Area Eight	0	0	0	0	0	0
Area Nine	0	20	0	20	0	20
Area Ten	0	0	0	0	0	0
Area Eleven	0	10	0	10	0	10
Area Twelve	0	0	0	0	0	0
Area Thirteen	20	60	20	60	10	40
Area Fourteen	0	30	0	30	0	30
10 Miles North of Denali Hwy	10	40	10	40	10	40
Anchorage/Chugach Mtn. Area	0	0	0	0	0	0
Kenai Peninsula	10	40	10	40	0	30
Copper R./Wrangell/Valdez	20	60	10	50	10	40
Southeast Alaska	0	10	0	10	0	10
Elsewhere in Alaska	90	170	90	160	40	90
Outside Alaska	0	0	0	0	0	0

Table B.113.
 Susitna Hydroelectric Project, Percentage
 of All Households Using Summer Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	31.6%	34.2%	29.5%	32.1%	25.5%	27.9%
In Alaska	30.7%	33.3%	29.0%	31.6%	25.2%	27.6%
Susitna Study Area	15.9%	17.9%	14.8%	16.8%	12.7%	14.5%
Area One	0.8%	1.4%	0.6%	1.2%	0.6%	1.3%
Area Two	4.3%	5.5%	4.0%	5.2%	3.5%	4.5%
Area Three	2.4%	3.4%	2.3%	3.3%	1.9%	2.7%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.8%	1.4%	0.6%	1.2%	0.6%	1.0%
Area Six	0.7%	1.3%	0.6%	1.3%	0.6%	1.0%
Area Seven	0.3%	0.7%	0.2%	0.6%	0.2%	0.6%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	0.7%	0.3%	0.7%	0.2%	0.6%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	1.9%	2.7%	1.9%	2.7%	1.6%	2.4%
Area Fourteen	1.5%	2.3%	1.5%	2.3%	1.2%	1.8%
10 Miles North of Denali Hwy	0.6%	1.2%	0.6%	1.0%	0.5%	0.9%
Anchorage/Chugach Mtn. Area	5.3%	6.7%	5.1%	6.3%	4.5%	5.7%
Kenai Peninsula	3.8%	5.0%	3.6%	4.6%	3.2%	4.2%
Copper R./Wrangell/Valdez	0.6%	1.2%	0.6%	1.2%	0.6%	1.0%
Southeast Alaska	0.3%	0.7%	0.2%	0.6%	0.1%	0.5%
Elsewhere in Alaska	7.6%	9.2%	7.2%	8.8%	6.1%	7.5%
Outside Alaska	0.7%	1.3%	0.5%	0.9%	0.3%	0.7%

Table B.114.
Susitna Hydroelectric Project, Number of
All Households Using Summer Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	38790	41980	36240	39380	31270	34280
In Alaska	37700	40870	35630	38760	30910	33900
Susitna Study Area	19470	22020	18160	20630	15530	17860
Area One	1000	1700	780	1430	780	1430
Area Two	5280	6750	4930	6360	4240	5580
Area Three	2990	4130	2880	4000	2310	3330
Area Four	0	0	0	0	0	0
Area Five	1000	1700	780	1430	680	1280
Area Six	890	1570	780	1430	680	1280
Area Seven	370	850	280	710	280	710
Area Eight	0	0	0	0	0	0
Area Nine	370	850	370	850	280	710
Area Ten	20	230	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	20	230	20	230	20	230
Area Thirteen	2310	3330	2310	3330	1980	2930
Area Fourteen	1870	2800	1870	2800	1430	2250
10 Miles North of Denali Hwy	780	1430	680	1280	580	1140
Anchorage/Chugach Mtn. Area	6560	8170	6210	7780	5510	7010
Kenai Peninsula	4700	6100	4360	5710	3900	5180
Copper R./Wrangell/Valdez	780	1430	780	1430	680	1280
Southeast Alaska	370	850	280	710	180	550
Elsewhere in Alaska	9370	11250	8900	10740	7490	9200
Outside Alaska	890	1570	580	1140	370	850

Table B.115.
 Susitna Hydroelectric Project, Percentage
 of Urban Households Using Summer Off-Road
 Vehicles by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	30.4%	34.4%	28.3%	32.1%	24.1%	27.9%
In Alaska	29.4%	33.4%	27.7%	31.5%	23.8%	27.4%
Susitna Study Area	14.1%	17.1%	13.0%	16.0%	10.9%	13.7%
Area One	0.7%	1.5%	0.5%	1.3%	0.4%	1.2%
Area Two	3.5%	5.3%	3.3%	5.1%	2.9%	4.5%
Area Three	1.8%	3.2%	1.7%	2.9%	1.2%	2.4%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.7%	1.5%	0.5%	1.3%	0.4%	1.2%
Area Six	0.4%	1.2%	0.3%	1.1%	0.3%	1.1%
Area Seven	0.1%	0.7%	0.1%	0.7%	0.1%	0.5%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	1.6%	2.8%	1.6%	2.8%	1.4%	2.6%
Area Fourteen	1.2%	2.4%	1.2%	2.2%	0.8%	1.8%
10 Miles North of Denali Hwy	0.5%	1.3%	0.4%	1.2%	0.3%	1.1%
Anchorage/Chugach Mtn. Area	5.6%	7.8%	5.4%	7.4%	4.8%	6.8%
Kenai Peninsula	3.9%	5.7%	3.6%	5.4%	3.3%	4.9%
Copper R./Wrangell/Valdez	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Southeast Alaska	0.3%	0.9%	0.1%	0.7%	0.1%	0.7%
Elsewhere in Alaska	7.1%	9.5%	6.9%	9.1%	5.6%	7.8%
Outside Alaska	0.7%	1.7%	0.4%	1.2%	0.2%	0.8%

Table B.116.
 Susitna Hydroelectric Project, Number of
 Urban Households Using Summer Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	32310	36520	30010	34140	25640	29590
In Alaska	31260	35440	29380	33490	25230	29160
Susitna Study Area	14940	18200	13820	16990	11590	14540
Area One	700	1640	530	1380	450	1250
Area Two	3750	5600	3560	5360	3080	4780
Area Three	1950	3360	1770	3120	1310	2510
Area Four	0	0	0	0	0	0
Area Five	700	1640	530	1380	450	1250
Area Six	450	1250	370	1120	370	1120
Area Seven	140	710	140	710	70	560
Area Eight	0	0	0	0	0	0
Area Nine	210	850	210	850	140	710
Area Ten	0	250	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	250	0	250	0	250
Area Thirteen	1680	3000	1680	3000	1490	2750
Area Fourteen	1310	2510	1220	2390	870	1890
10 Miles North of Denali Hwy	530	1380	450	1250	370	1120
Anchorage/Chugach Mtn. Area	5990	8240	5700	7900	5110	7210
Kenai Peninsula	4140	6060	3850	5710	3460	5250
Copper R./Wrangell/Valdez	290	980	290	980	210	850
Southeast Alaska	290	980	140	710	140	710
Elsewhere in Alaska	7570	10060	7280	9720	5990	8240
Outside Alaska	780	1760	450	1250	310	850

Table B.117.
 Susitna Hydroelectric Project, Percentage
 of Small Town Households Using Summer Off-Road
 Vehicles by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	33.4%	37.6%	32.2%	36.4%	29.6%	32.6%
In Alaska	33.4%	37.6%	32.2%	36.4%	28.7%	32.7%
Susitna Study Area	22.0%	25.8%	21.3%	25.1%	19.2%	22.8%
Area One	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Area Two	6.3%	8.5%	6.0%	8.2%	5.3%	7.5%
Area Three	5.0%	7.2%	4.9%	6.9%	4.5%	6.5%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.5%	1.3%	0.4%	1.2%	0.3%	0.9%
Area Six	1.1%	2.3%	1.1%	2.3%	1.0%	2.0%
Area Seven	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Nine	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Ten	0.0%	0.0%	0.0%	-0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Thirteen	1.8%	3.2%	1.8%	3.2%	1.6%	2.8%
Area Fourteen	2.0%	3.4%	1.9%	3.3%	1.8%	3.2%
10 Miles North of Denali Hwy	0.2%	0.8%	0.2%	0.8%	15.3%	19.2%
Anchorage/Chugach Mtn. Area	0.7%	1.7%	0.6%	1.6%	0.6%	1.6%
Kenai Peninsula	1.2%	2.4%	1.0%	2.0%	0.9%	1.9%
Copper R./Wrangell/Valdez	2.5%	4.1%	2.4%	4.0%	1.9%	3.3%
Southeast Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	7.4%	9.8%	7.1%	9.5%	6.3%	8.7%
Outside Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%

Table B.118.
 Susitna Hydroelectric Project, Number of
 Small Town Households Using Summer Off-Road
 Vehicles by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	4640	5220	4470	5050	3970	4530
In Alaska	4640	5220	4470	5050	3980	4540
Susitna Study Area	3060	3580	2960	3480	2670	3160
Area One	50	150	50	150	50	150
Area Two	870	1190	830	1140	740	1040
Area Three	700	990	680	960	620	900
Area Four	0	0	0	0	0	0
Area Five	70	130	60	170	40	130
Area Six	160	310	160	310	130	280
Area Seven	40	130	40	130	30	110
Area Eight	0	50	0	50	0	50
Area Nine	30	110	30	110	30	110
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	50	0	50	0	50
Area Thirteen	250	440	250	440	220	390
Area Fourteen	280	470	260	460	250	440
10 Miles North of Denali Hwy	30	110	30	110	2200	2660
Anchorage/Chugach Mtn. Area	100	230	90	220	90	220
Kenai Peninsula	170	330	130	280	120	270
Copper R./Wrangell/Valdez	350	570	340	550	260	460
Southeast Alaska	0	30	0	30	0	30
Elsewhere in Alaska	1020	1360	980	1320	880	1200
Outside Alaska	0	30	0	30	0	30

Table B.119.
Susitna Hydroelectric Project, Percentage of
Rural Households Using Summer Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	36.0%	42.4%	34.4%	40.8%	31.2%	37.4%
In Alaska	35.8%	42.2%	34.2%	40.6%	31.1%	37.3%
Susitna Study Area	27.3%	33.3%	26.7%	32.7%	24.0%	29.8%
Area One	1.8%	4.0%	1.7%	3.9%	1.3%	3.3%
Area Two	6.8%	10.6%	6.8%	10.4%	5.9%	9.3%
Area Three	3.3%	6.1%	3.3%	6.1%	3.0%	5.8%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.2%	3.0%	1.1%	2.9%	1.0%	2.8%
Area Six	1.3%	3.3%	1.3%	3.3%	0.9%	2.7%
Area Seven	0.3%	1.7%	0.3%	1.5%	0.2%	1.2%
Area Eight	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Nine	.0%	0.8%	.0%	0.8%	.0%	0.8%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Thirteen	2.9%	5.5%	2.9%	5.5%	2.8%	5.4%
Area Fourteen	2.3%	4.7%	2.1%	4.5%	2.0%	4.4%
10 Miles North of Denali Hwy	0.3%	1.5%	0.3%	1.5%	0.3%	1.5%
Anchorage/Chugach Mtn. Area	0.6%	2.2%	0.6%	2.2%	0.6%	2.2%
Kenai Peninsula	0.2%	1.4%	0.2%	1.4%	0.2%	1.4%
Copper R./Wrangell/Valdez	0.6%	2.2%	0.6%	2.2%	0.4%	1.8%
Southeast Alaska	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Elsewhere in Alaska	6.5%	10.1%	6.5%	10.1%	5.9%	9.5%
Outside Alaska	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%

Table B.120.
Susitna Hydroelectric Project, Number of Rural
Households Using Summer Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	960	1130	920	1090	830	1000
In Alaska	950	1120	910	1080	830	990
Susitna Study Area	730	890	710	870	640	790
Area One	50	110	50	100	30	90
Area Two	180	280	180	280	160	250
Area Three	90	160	90	160	80	150
Area Four	0	0	0	0	0	0
Area Five	30	90	30	90	30	70
Area Six	30	90	30	90	20	70
Area Seven	10	40	10	40	0	30
Area Eight	0	10	0	10	0	10
Area Nine	0	20	0	20	0	20
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	10	0	10	0	10
Area Thirteen	80	150	80	150	70	140
Area Fourteen	60	130	60	120	50	120
10 Miles North of Denali Hwy	10	40	10	40	10	40
Anchorage/Chugach Mtn. Area	20	60	20	60	20	60
Kenai Peninsula	10	40	10	40	10	40
Copper R./Wrangell/Valdez	20	60	20	60	10	50
Southeast Alaska	0	10	0	10	0	10
Elsewhere in Alaska	170	270	170	270	160	250
Outside Alaska	0	10	0	10	0	10

Table B.121.
Susitna Hydroelectric Project, Percentage
of All Households Using Winter Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	31.7%	34.3%	28.3%	30.9%	23.2%	25.6%
In Alaska	30.9%	33.5%	27.8%	30.4%	23.2%	25.6%
Susitna Study Area	14.9%	16.8%	13.3%	15.3%	11.1%	12.9%
Area One	0.6%	1.2%	0.6%	1.0%	0.6%	1.0%
Area Two	4.2%	5.4%	3.8%	5.0%	3.2%	4.2%
Area Three	2.2%	3.0%	2.1%	2.9%	1.6%	2.4%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.9%	1.5%	0.6%	1.0%	0.5%	0.9%
Area Six	0.6%	1.2%	0.6%	1.0%	0.5%	0.9%
Area Seven	0.1%	0.3%	0.1%	0.3%	0.1%	0.3%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.1%	0.5%	0.1%	0.3%	0.1%	0.3%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	1.1%	1.7%	1.1%	1.7%	0.9%	1.5%
Area Fourteen	2.4%	3.4%	2.3%	3.1%	1.7%	2.5%
10 Miles North of Denali Hwy	0.4%	0.8%	0.4%	0.8%	0.3%	0.7%
Anchorage/Chugach Mtn. Area	6.0%	7.4%	5.1%	6.3%	4.4%	5.6%
Kenai Peninsula	2.3%	3.1%	2.1%	2.9%	1.6%	2.4%
Copper R./Wrangell/Valdez	0.5%	0.9%	0.4%	0.8%	0.3%	0.7%
Southeast Alaska	0.2%	0.6%	0.1%	0.5%	0.1%	0.5%
Elsewhere in Alaska	9.3%	10.9%	8.6%	10.2%	6.7%	8.1%
Outside Alaska	0.6%	1.0%	0.3%	0.7%	0.1%	0.3%

Table B.122.
 Susitna Hydroelectric Project, Number of
 All Households Using Winter Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	38910	42110	34790	37890	28490	31410
In Alaska	37940	41110	34180	37260	28490	31410
Susitna Study Area	18160	20630	16360	18740	13630	15830
Area One	780	1430	680	1280	680	1280
Area Two	5170	6620	4700	6100	3900	5180
Area Three	2650	3730	2540	3600	1980	2930
Area Four	0	0	0	0	0	0
Area Five	1100	1840	680	1280	580	1140
Area Six	780	1430	680	1280	580	1140
Area Seven	90	400	90	400	90	400
Area Eight	0	0	0	0	0	0
Area Nine	180	550	90	400	90	400
Area Ten	20	230	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	20	230	0	0	0	0
Area Thirteen	1320	2120	1320	2120	1100	1840
Area Fourteen	2990	4130	2760	3860	2090	3060
10 Miles North of Denali Hwy	470	1000	470	1000	370	850
Anchorage/Chugach Mtn. Area	7380	9070	6210	7780	5400	6880
Kenai Peninsula	2760	3860	2540	3600	1980	2930
Copper R./Wrangell/Valdez	580	1140	470	1000	370	850
Southeast Alaska	280	710	180	550	180	550
Elsewhere in Alaska	11370	13420	10550	12530	8190	9970
Outside Alaska	680	1280	370	850	90	400

Table B.123.
Susitna Hydroelectric Project, Percentage
of Urban Households Using Winter Off-Road
Vehicles by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	29.9%	33.9%	26.2%	30.0%	21.0%	24.6%
In Alaska	28.9%	32.9%	25.7%	29.5%	20.9%	24.5%
Susitna Study Area	12.4%	15.4%	10.9%	13.7%	8.7%	11.3%
Area One	0.4%	1.2%	0.4%	1.2%	0.4%	1.2%
Area Two	3.3%	4.9%	2.9%	4.5%	2.3%	3.7%
Area Three	1.5%	2.7%	1.4%	2.6%	1.0%	2.0%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.6%	1.4%	0.3%	1.1%	0.2%	0.8%
Area Six	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Seven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.8%	1.8%	0.7%	1.7%	0.6%	1.4%
Area Fourteen	2.1%	3.5%	1.8%	3.2%	1.3%	2.5%
10 Miles North of Denali Hwy	0.3%	1.1%	0.3%	0.9%	0.2%	0.9%
Anchorage/Chugach Mtn. Area	6.4%	8.6%	5.4%	7.4%	4.6%	6.6%
Kenai Peninsula	2.3%	3.7%	2.1%	3.5%	1.6%	2.8%
Copper R./Wrangell/Valdez	.0%	0.4%	.0%	0.4%	.0%	0.2%
Southeast Alaska	0.1%	0.7%	0.1%	0.5%	0.1%	0.5%
Elsewhere in Alaska	8.9%	11.5%	8.2%	10.6%	6.2%	8.4%
Outside Alaska	0.5%	1.3%	0.3%	0.9%	0.1%	0.5%

Table B.124.
 Susitna Hydroelectric Project, Number of Urban
 Households Using Winter Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	31780	35980	27820	31870	22330	26110
In Alaska	30740	34900	27300	31330	22220	26000
Susitna Study Area	13210	16320	11590	14540	9270	11970
Area One	450	1250	450	1250	450	1250
Area Two	3460	5250	3080	4780	2420	3950
Area Three	1580	2880	1490	2750	1050	2140
Area Four	0	0	0	0	0	0
Area Five	610	1510	370	1120	210	350
Area Six	370	1120	370	1120	290	980
Area Seven	0	250	0	250	0	250
Area Eight	0	0	0	0	0	0
Area Nine	10	410	10	410	10	410
Area Ten	0	250	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	250	0	0	0	0
Area Thirteen	870	1890	780	1760	610	1510
Area Fourteen	2230	3720	1950	3360	1400	2630
10 Miles North of Denali Hwy	370	1120	290	980	210	850
Anchorage/Chugach Mtn. Area	6780	9150	5700	7900	4910	6980
Kenai Peninsula	2420	3950	2230	3720	1680	3000
Copper R./Wrangell/Valdez	10	410	10	410	0	250
Southeast Alaska	140	710	70	560	70	560
Elsewhere in Alaska	9470	12200	8670	11300	6580	8920
Outside Alaska	530	1380	290	980	70	560

Table B.125.
Susitna Hydroelectric Project, Percentage
of Small Town Households Using Winter Off-Road
Vehicles by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	35.4%	39.6%	34.0%	38.2%	30.1%	34.3%
In Alaska	35.4%	39.6%	34.0%	38.2%	30.4%	34.6%
Susitna Study Area	23.2%	27.0%	22.6%	26.4%	20.2%	23.8%
Area One	0.5%	1.3%	0.3%	1.1%	0.3%	0.9%
Area Two	7.1%	9.5%	6.9%	9.3%	6.2%	8.4%
Area Three	4.8%	6.8%	4.7%	6.7%	4.2%	6.2%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.0%	2.0%	0.9%	1.9%	0.8%	1.8%
Area Six	1.4%	2.6%	1.3%	2.5%	1.1%	2.3%
Area Seven	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Nine	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	1.4%	2.6%	1.3%	2.5%	1.0%	2.2%
Area Fourteen	2.7%	4.3%	2.6%	4.2%	2.4%	4.0%
10 Miles North of Denali Hwy	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Anchorage/Chugach Mtn. Area	0.9%	1.9%	0.8%	1.8%	0.6%	1.6%
Kenai Peninsula	0.6%	1.4%	0.4%	1.2%	0.3%	1.1%
Copper R./Wrangell/Valdez	2.7%	4.3%	2.7%	4.3%	2.4%	4.0%
Southeast Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	8.0%	10.6%	7.7%	10.3%	6.8%	9.2%
Outside Alaska	.0%	0.4%	.0%	0.2%	.0%	0.2%

Table B.126.
 Susitna Hydroelectric Project, Number of
 Small Town Households Using Winter Off-Road
 Vehicles by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	4910	5500	4720	5300	4180	4750
In Alaska	4910	5500	4720	5300	4220	4800
Susitna Study Area	3220	3750	3140	3660	2800	3310
Area One	70	180	50	150	40	130
Area Two	980	1320	960	1290	850	1170
Area Three	660	950	650	930	590	860
Area Four	0	0	0	0	0	0
Area Five	130	280	120	270	110	250
Area Six	190	360	180	350	160	310
Area Seven	30	110	30	110	30	110
Area Eight	0	50	0	50	0	50
Area Nine	10	70	10	70	10	70
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	30	0	30	0	30
Area Thirteen	190	360	180	350	150	300
Area Fourteen	370	600	360	580	340	550
10 Miles North of Denali Hwy	30	110	30	110	20	90
Anchorage/Chugach Mtn. Area	120	270	110	250	90	220
Kenai Peninsula	80	200	60	170	50	150
Copper R./Wrangell/Valdez	370	600	370	600	340	550
Southeast Alaska	0	30	0	30	0	30
Elsewhere in Alaska	1110	1470	1070	1420	940	1280
Outside Alaska	0	50	0	30	0	30

Table B.127.
Susitna Hydroelectric Project, Percentage of
Rural Households Using Winter Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	51.5%	58.1%	50.7%	57.3%	45.6%	52.2%
In Alaska	51.2%	57.8%	50.3%	56.9%	45.7%	52.3%
Susitna Study Area	41.8%	48.4%	39.4%	46.0%	36.3%	42.7%
Area One	2.1%	4.5%	2.1%	4.5%	2.1%	4.5%
Area Two	11.6%	16.2%	11.6%	16.2%	10.1%	14.5%
Area Three	5.0%	8.2%	4.7%	7.9%	4.4%	7.6%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	4.1%	7.1%	3.0%	5.8%	3.0%	5.6%
Area Six	0.7%	2.3%	0.7%	2.3%	0.7%	2.3%
Area Seven	0.5%	1.9%	0.5%	1.9%	0.3%	1.5%
Area Eight	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Nine	0.6%	2.0%	.0%	0.8%	.0%	0.8%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	4.3%	7.5%	4.3%	7.3%	4.1%	7.1%
Area Fourteen	4.1%	7.1%	4.1%	7.1%	3.6%	6.4%
10 Miles North of Denali Hwy	0.3%	1.7%	0.3%	1.7%	0.3%	1.5%
Anchorage/Chugach Mtn. Area	0.8%	2.6%	0.8%	2.4%	0.8%	2.4%
Kenai Peninsula	.0%	1.0%	.0%	1.0%	.0%	1.0%
Copper R./Wrangell/Valdez	2.0%	4.2%	2.0%	4.2%	1.6%	3.8%
Southeast Alaska	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Elsewhere in Alaska	9.1%	13.3%	9.0%	13.2%	7.8%	11.8%
Outside Alaska	0.0%	0.3%	0.0%	0.3%	0.0%	0.0%

Table B.128.
Susitna Hydroelectric Project, Number of
Rural Households Using Winter Off-Road Vehicles by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1370	1540	1350	1520	1210	1390
In Alaska	1360	1540	1340	1510	1220	1390
Susitna Study Area	1110	1290	1050	1220	970	1140
Area One	60	120	60	120	60	120
Area Two	310	430	310	430	270	380
Area Three	130	220	120	210	120	200
Area Four	0	0	0	0	0	0
Area Five	110	190	80	150	80	150
Area Six	20	60	20	60	20	60
Area Seven	10	50	10	50	10	40
Area Eight	0	10	0	10	0	10
Area Nine	10	50	0	20	0	20
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	0	0	0	0	0
Area Thirteen	120	200	110	200	110	190
Area Fourteen	110	190	110	190	90	170
10 Miles North of Denali Hwy	10	40	10	40	10	40
Anchorage/Chugach Mtn. Area	20	70	20	60	20	60
Kenai Peninsula	0	30	0	30	0	30
Copper R./Wrangell/Valdez	50	110	50	110	40	100
Southeast Alaska	0	10	0	10	0	10
Elsewhere in Alaska	240	350	240	350	210	310
Outside Alaska	0	10	0	10	0	0

Table B.129.
Susitna Hydroelectric Project, Percentage
of All Households Skiing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	62.3%	64.9%	58.9%	61.7%	52.8%	55.6%
In Alaska	61.0%	63.6%	58.0%	60.8%	52.3%	55.1%
Susitna Study Area	17.2%	19.4%	16.5%	18.7%	13.9%	15.9%
Area One	0.8%	1.4%	0.8%	1.4%	0.6%	1.2%
Area Two	7.7%	9.3%	7.4%	9.0%	6.1%	7.5%
Area Three	2.5%	3.5%	2.4%	3.4%	2.0%	2.8%
Area Four	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Five	0.4%	0.8%	0.4%	0.8%	0.3%	0.6%
Area Six	0.9%	1.5%	0.8%	1.4%	0.7%	1.3%
Area Seven	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.1%	0.5%	0.1%	0.5%	0.1%	0.3%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	0.9%	1.5%	0.9%	1.5%	0.8%	1.4%
Area Fourteen	1.2%	1.8%	1.2%	1.8%	1.0%	1.6%
10 Miles North of Denali Hwy	1.0%	1.6%	0.9%	1.5%	0.8%	1.4%
Anchorage/Chugach Mtn. Area	32.0%	34.6%	30.8%	33.4%	28.0%	30.6%
Kenai Peninsula	2.6%	3.6%	2.3%	3.3%	2.0%	2.8%
Copper R./Wrangell/Valdez	0.4%	0.8%	0.4%	0.8%	0.3%	0.7%
Southeast Alaska	0.6%	1.2%	0.5%	0.9%	0.3%	0.7%
Elsewhere in Alaska	12.0%	13.8%	11.3%	13.1%	10.0%	11.8%
Outside Alaska	0.9%	1.5%	0.6%	1.0%	0.3%	0.6%

Table B.130.
Susitna Hydroelectric Project, Number of
All Households Skiing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	76440	79710	72360	75680	64840	68220
In Alaska	74830	78120	71250	74580	64220	67610
Susitna Study Area	21150	23780	20310	22900	17080	19500
Area One	1000	1700	1000	1700	780	1430
Area Two	9490	11320	9130	11000	7490	9200
Area Three	3100	4260	2990	4130	2430	3470
Area Four	20	230	20	230	20	230
Area Five	470	1000	470	1000	380	710
Area Six	1100	1840	1000	1700	890	1570
Area Seven	180	550	180	550	90	400
Area Eight	0	0	0	0	0	0
Area Nine	180	550	180	550	90	400
Area Ten	20	230	20	230	20	230
Area Eleven	0	0	0	0	0	0
Area Twelve	20	230	20	230	20	230
Area Thirteen	1100	1840	1100	1840	1000	1700
Area Fourteen	1430	2250	1430	2250	1210	1980
10 Miles North of Denali Hwy	1210	1980	1100	1840	1000	1700
Anchorage/Chugach Mtn. Area	39280	42480	37820	40990	34420	37510
Kenai Peninsula	3220	4390	2880	4000	2430	3470
Copper R./Wrangell/Valdez	470	1000	470	1000	370	850
Southeast Alaska	780	1430	580	1140	370	850
Elsewhere in Alaska	14700	16970	13860	16090	12320	14440
Outside Alaska	1100	1840	680	1280	280	710

Table B.131.
Susitna Hydroelectric Project, Percentage
of Urban Households Skiing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	63.1%	67.1%	59.5%	63.7%	53.1%	57.3%
In Alaska	61.7%	65.7%	58.5%	62.7%	52.6%	56.8%
Susitna Study Area	14.7%	17.9%	14.1%	17.1%	11.4%	14.2%
Area One	0.7%	1.5%	0.7%	1.5%	0.5%	1.3%
Area Two	6.5%	8.7%	6.1%	8.3%	4.8%	6.8%
Area Three	1.8%	3.0%	1.7%	2.9%	1.3%	2.5%
Area Four	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Five	0.3%	0.9%	0.2%	0.8%	0.1%	0.7%
Area Six	0.7%	1.5%	0.6%	1.4%	0.5%	1.3%
Area Seven	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.1%	0.5%	0.1%	0.5%	.0%	0.4%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	0.7%	1.5%	0.7%	1.5%	0.6%	1.4%
Area Fourteen	0.8%	1.8%	0.7%	1.7%	0.6%	1.4%
10 Miles North of Denali Hwy	1.0%	2.0%	0.8%	1.8%	0.7%	1.7%
Anchorage/Chugach Mtn. Area	34.7%	38.7%	33.4%	37.4%	30.3%	34.3%
Kenai Peninsula	2.6%	4.2%	2.4%	3.8%	2.0%	3.4%
Copper R./Wrangell/Valdez	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Southeast Alaska	0.6%	1.4%	0.4%	1.2%	0.3%	0.9%
Elsewhere in Alaska	11.9%	14.7%	11.2%	14.0%	9.9%	12.5%
Outside Alaska	0.8%	1.8%	0.5%	1.3%	0.1%	0.7%

Table B.132.
 Susitna Hydroelectric Project, Number of
 Urban Households Skiing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	67000	71290	63240	67620	56390	60870
In Alaska	65490	69820	62170	66570	55860	60340
Susitna Study Area	15650	18980	14940	18200	12090	15100
Area One	700	1640	700	1640	530	1380
Area Two	6880	9270	6480	9810	5110	7210
Area Three	1860	3240	1770	3120	1400	2630
Area Four	0	350	0	350	0	250
Area Five	290	980	210	850	140	710
Area Six	700	1640	610	1510	530	1380
Area Seven	10	410	10	410	10	410
Area Eight	0	0	0	0	0	0
Area Nine	70	560	70	560	10	410
Area Ten	0	250	0	250	0	250
Area Eleven	0	0	0	0	0	0
Area Twelve	0	250	0	250	0	250
Area Thirteen	700	1640	700	1640	610	1510
Area Fourteen	870	1890	780	1760	610	1510
10 Miles North of Denali Hwy	1050	2140	970	1890	780	1760
Anchorage/Chugach Mtn. Area	36810	41150	35450	39750	32200	36410
Kenai Peninsula	2800	4430	2510	4070	2140	3600
Copper R./Wrangell/Valdez	0	0	0	0	0	0
Southeast Alaska	610	1510	450	1250	290	980
Elsewhere in Alaska	12600	15660	11890	14880	10480	13320
Outside Alaska	970	1890	530	1380	140	710

Table B.133.
Susitna Hydroelectric Project, Percentage
of Small Town Households Skiing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	49.6%	54.0%	47.7%	52.1%	43.6%	48.0%
In Alaska	49.1%	53.5%	47.5%	51.9%	43.5%	47.9%
Susitna Study Area	26.3%	30.3%	25.9%	29.9%	23.7%	27.5%
Area One	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Area Two	12.4%	15.4%	13.2%	15.2%	11.1%	14.1%
Area Three	5.3%	7.5%	5.3%	7.5%	4.8%	6.8%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Area Six	1.0%	2.2%	1.0%	2.2%	1.0%	2.0%
Area Seven	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Nine	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	0.6%	1.6%	0.6%	1.4%	0.5%	1.3%
Area Fourteen	2.3%	3.9%	2.3%	3.7%	2.0%	3.4%
10 Miles North of Denali Hwy	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Anchorage/Chugach Mtn. Area	10.8%	13.6%	9.9%	12.7%	9.0%	11.6%
Kenai Peninsula	0.4%	1.2%	0.4%	1.2%	0.4%	1.2%
Copper R./Wrangell/Valdez	3.7%	5.5%	3.6%	5.4%	3.4%	5.2%
Southeast Alaska	.0%	0.2%	.0%	0.2%	.0%	0.2%
Elsewhere in Alaska	8.8%	11.4%	8.5%	11.1%	7.7%	10.3%
Outside Alaska	0.3%	0.9%	0.1%	0.5%	.0%	0.2%

Table B.134.
 Susitna Hydroelectric Project, Number of
 Small Town Households Skiing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	6880	7490	6620	7230	6050	6660
In Alaska	6810	7420	6590	7200	6040	6650
Susitna Study Area	3650	4200	3600	4150	3290	3820
Area One	40	130	40	130	40	130
Area Two	1720	2140	1690	2110	1550	1950
Area Three	740	1040	740	1040	660	950
Area Four	0	0	0	0	0	0
Area Five	40	130	40	130	40	130
Area Six	150	300	150	300	130	280
Area Seven	30	110	30	110	20	90
Area Eight	0	50	0	50	0	50
Area Nine	0	30	0	30	0	30
Area Ten	0	30	0	30	0	30
Area Eleven	0	30	0	30	0	30
Area Twelve	0	0	0	0	0	0
Area Thirteen	90	220	80	200	70	180
Area Fourteen	320	540	310	520	280	470
10 Miles North of Denali Hwy	30	110	30	110	30	110
Anchorage/Chugach Mtn. Area	1490	1890	1380	1760	1240	1610
Kenai Peninsula	60	170	60	170	60	170
Copper R./Wrangell/Valdez	510	770	500	750	470	720
Southeast Alaska	0	30	0	30	0	30
Elsewhere in Alaska	1220	1590	1180	1540	1070	1420
Outside Alaska	40	130	10	70	0	30

Table B.135.
Susitna Hydroelectric Project, Percentage
of Rural Households Skiing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	63.2%	69.4%	59.3%	65.7%	53.9%	60.5%
In Alaska	63.0%	69.2%	59.2%	65.6%	53.9%	60.5%
Susitna Study Area	43.0%	49.6%	40.7%	47.3%	38.7%	45.3%
Area One	1.6%	3.8%	1.6%	3.8%	1.5%	3.5%
Area Two	16.0%	21.2%	15.7%	20.7%	15.0%	20.0%
Area Three	5.9%	9.3%	5.6%	9.0%	5.3%	8.7%
Area Four	0.0%	0.3%	0.0%	0.3%	0.0%	0.3%
Area Five	1.1%	2.9%	0.9%	2.7%	0.8%	2.4%
Area Six	1.6%	3.6%	0.8%	2.6%	0.6%	2.2%
Area Seven	0.3%	1.7%	0.3%	1.7%	0.3%	1.7%
Area Eight	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Nine	.0%	0.8%	.0%	0.8%	0.0%	0.7%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	.0%	0.8%	.0%	0.8%	0.0%	0.7%
Area Twelve	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%
Area Thirteen	4.0%	7.0%	3.6%	6.4%	3.6%	6.4%
Area Fourteen	3.3%	6.1%	3.3%	6.1%	3.2%	6.0%
10 Miles North of Denali Hwy	0.2%	1.4%	0.2%	1.4%	0.2%	1.4%
Anchorage/Chugach Mtn. Area	6.9%	10.7%	6.4%	10.0%	5.2%	8.6%
Kenai Peninsula	.0%	1.0%	.0%	1.0%	.0%	0.8%
Copper R./Wrangell/Valdez	2.4%	4.8%	1.1%	2.9%	0.8%	2.6%
Southeast Alaska	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Elsewhere in Alaska	10.8%	15.2%	10.3%	14.7%	8.9%	13.1%
Outside Alaska	0.0%	0.7%	0.0%	0.5%	0.0%	0.3%

Table B.136.
Susitna Hydroelectric Project, Number of
Rural Households Skiing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1680	1850	1580	1750	1430	1610
In Alaska	1680	1840	1570	1740	1430	1610
Susitna Study Area	1140	1320	1080	1260	1030	1200
Area One	40	100	40	100	40	90
Area Two	430	560	420	550	400	530
Area Three	160	250	150	240	140	230
Area Four	0	10	0	10	0	10
Area Five	30	80	20	70	20	60
Area Six	40	100	20	70	20	60
Area Seven	10	40	10	40	10	40
Area Eight	0	10	0	10	0	10
Area Nine	0	20	0	20	0	20
Area Ten	0	0	0	0	0	0
Area Eleven	0	20	0	20	0	20
Area Twelve	0	20	0	20	0	20
Area Thirteen	110	190	90	170	90	170
Area Fourteen	90	160	90	160	90	160
10 Miles North of Denali Hwy	10	40	10	40	10	40
Anchorage/Chugach Mtn. Area	180	280	170	270	140	230
Kenai Peninsula	0	30	0	30	0	20
Copper R./Wrangell/Valdez	60	130	30	80	20	70
Southeast Alaska	0	10	0	10	0	10
Elsewhere in Alaska	290	400	270	390	240	350
Outside Alaska	0	20	0	10	0	10

Table B.137.
Susitna Hydroelectric Project, Percentage
of All Households Boating by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	65.7%	68.3%	63.4%	66.0%	53.6%	56.4%
In Alaska	63.4%	66.0%	61.5%	64.1%	52.9%	55.7%
Susitna Study Area	32.1%	34.7%	31.3%	33.9%	26.5%	28.9%
Area One	1.2%	1.8%	1.2%	1.8%	1.0%	1.6%
Area Two	6.6%	8.0%	6.5%	7.9%	5.6%	7.0%
Area Three	2.7%	3.7%	2.6%	3.6%	2.2%	3.0%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	2.5%	3.5%	2.3%	3.3%	2.0%	2.8%
Area Six	1.0%	1.6%	1.0%	1.6%	0.8%	1.4%
Area Seven	0.6%	1.2%	0.6%	1.2%	0.4%	0.8%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.6%	1.0%	0.6%	1.0%	0.4%	0.8%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	5.8%	7.2%	5.6%	7.0%	4.9%	6.1%
Area Fourteen	7.5%	9.1%	7.3%	8.9%	6.1%	7.5%
10 Miles North of Denali Hwy	0.3%	0.7%	0.3%	0.7%	0.2%	0.6%
Anchorage/Chugach Mtn. Area	3.6%	4.8%	3.5%	4.5%	2.8%	3.8%
Kenai Peninsula	21.4%	23.8%	20.9%	23.1%	18.2%	20.4%
Copper R./Wrangell/Valdez	2.2%	3.0%	2.2%	3.0%	1.9%	2.7%
Southeast Alaska	1.8%	2.6%	1.7%	2.5%	1.3%	1.9%
Elsewhere in Alaska	14.6%	16.6%	14.0%	16.0%	11.4%	13.2%
Outside Alaska	2.1%	2.9%	1.7%	2.5%	0.7%	1.3%

Table B.138.
Susitna Hydroelectric Project, Number of
All Households Boating by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	80650	83840	77800	81040	65820	69200
In Alaska	77800	81040	75450	78730	64960	68350
Susitna Study Area	39400	42600	38430	41610	32480	35520
Area One	1430	2250	1430	2250	1210	1980
Area Two	8080	9840	7960	9720	6910	8560
Area Three	3330	4530	3220	4390	2650	3730
Area Four	0	0	0	0	0	0
Area Five	3100	4260	2880	4000	2430	3470
Area Six	1210	1980	1210	1980	1000	1700
Area Seven	780	1430	780	1430	470	1000
Area Eight	0	0	0	0	0	0
Area Nine	680	1280	680	1280	470	1000
Area Ten	20	230	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	20	230	20	230	20	230
Area Thirteen	7140	8820	6910	8560	5980	7530
Area Fourteen	9250	11130	9020	10870	7490	9200
10 Miles North of Denali Hwy	370	850	370	850	280	710
Anchorage/Chugach Mtn. Area	4470	5840	4240	5580	3440	4660
Kenai Peninsula	26320	29160	25600	28410	22350	25030
Copper R./Wrangell/Valdez	2650	3730	2650	3730	2310	3330
Southeast Alaska	2200	3200	2090	3060	1540	2390
Elsewhere in Alaska	17920	20380	17200	19630	13980	16210
Outside Alaska	2540	3600	2090	3060	890	1570

Table B.139.
Susitna Hydroelectric Project, Percentage
of Urban Households Boating by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	65.3%	69.3%	62.8%	66.8%	52.7%	56.9%
In Alaska	62.6%	66.6%	60.7%	64.7%	51.8%	56.0%
Susitna Study Area	30.0%	34.0%	29.2%	33.2%	24.3%	28.1%
Area One	1.0%	2.0%	1.0%	2.0%	0.8%	1.8%
Area Two	5.6%	7.8%	5.6%	7.8%	4.9%	6.8%
Area Three	1.9%	3.3%	1.9%	3.3%	1.5%	2.7%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	2.2%	3.6%	2.0%	3.4%	1.7%	2.9%
Area Six	0.7%	1.7%	0.7%	1.7%	0.6%	1.4%
Area Seven	0.5%	1.3%	0.5%	1.3%	0.3%	0.9%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	5.4%	7.4%	5.2%	7.2%	4.4%	6.2%
Area Fourteen	7.1%	9.5%	7.0%	9.4%	5.7%	7.9%
10 Miles North of Denali Hwy	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Anchorage/Chugach Mtn. Area	3.7%	5.5%	3.5%	5.3%	2.9%	4.5%
Kenai Peninsula	22.7%	26.3%	22.0%	25.6%	19.2%	22.6%
Copper R./Wrangell/Valdez	1.2%	2.2%	1.2%	2.2%	1.0%	2.0%
Southeast Alaska	1.8%	3.0%	1.7%	2.9%	1.2%	2.2%
Elsewhere in Alaska	14.3%	17.5%	13.8%	16.8%	11.0%	13.8%
Outside Alaska	2.2%	3.6%	1.7%	2.9%	0.7%	1.7%

Table B.140.
Susitna Hydroelectric Project, Number of
Urban Households Boating by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	69370	73590	66680	70980	55970	60450
In Alaska	66460	70770	64420	68770	55010	59490
Susitna Study Area	31890	36090	31050	35230	25850	29810
Area One	1050	2140	1050	2140	970	1890
Area Two	5990	8240	5990	8240	5110	7210
Area Three	2050	3480	2050	3480	1580	2880
Area Four	0	0	0	0	0	0
Area Five	2320	3840	2140	3600	1770	3120
Area Six	780	1760	780	1760	610	1510
Area Seven	530	1380	530	1380	290	980
Area Eight	0	0	0	0	0	0
Area Nine	370	1120	370	1120	290	980
Area Ten	0	250	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	0	250	0	250	0	250
Area Thirteen	5700	7900	5500	7670	4620	6640
Area Fourteen	7570	10060	7470	9940	6090	8360
10 Miles North of Denali Hwy	210	850	210	850	210	850
Anchorage/Chugach Mtn. Area	3940	5830	3750	5600	3080	4780
Kenai Peninsula	24090	27960	23360	27200	20370	24030
Copper R./Wrangell/Valdez	1220	2390	1220	2390	1050	2140
Southeast Alaska	1860	3240	1770	3120	1220	2390
Elsewhere in Alaska	15240	18530	14630	17870	11690	14650
Outside Alaska	2320	3840	1770	3120	780	1760

Table B.141.
Susitna Hydroelectric Project, Percentage
of Small Town Households Boating by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	62.4%	66.6%	61.2%	65.4%	54.3%	58.7%
In Alaska	62.0%	66.2%	60.9%	65.1%	54.3%	58.7%
Susitna Study Area	38.4%	42.8%	37.8%	42.0%	34.0%	38.2%
Area One	0.9%	1.9%	0.9%	1.9%	0.6%	1.6%
Area Two	8.6%	11.2%	8.4%	11.0%	7.9%	10.5%
Area Three	6.0%	8.2%	5.9%	8.1%	5.3%	7.5%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	3.0%	4.6%	2.8%	4.4%	2.3%	3.9%
Area Six	1.2%	2.4%	1.2%	2.4%	1.0%	2.0%
Area Seven	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%
Area Eight	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Nine	0.3%	1.1%	0.3%	0.9%	0.3%	0.9%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	6.3%	8.5%	6.2%	8.4%	5.5%	7.7%
Area Fourteen	6.2%	8.4%	6.1%	8.3%	5.3%	7.5%
10 Miles North of Denali Hwy	0.1%	0.5%	.0%	0.4%	.0%	0.4%
Anchorage/Chugach Mtn. Area	0.5%	1.3%	0.5%	1.3%	0.3%	1.1%
Kenai Peninsula	9.3%	12.1%	9.1%	11.7%	7.9%	10.5%
Copper R./Wrangell/Valdez	7.8%	10.4%	7.8%	10.4%	7.0%	9.4%
Southeast Alaska	0.4%	1.2%	0.3%	1.1%	0.1%	0.5%
Elsewhere in Alaska	12.1%	15.1%	11.9%	14.9%	10.3%	13.1%
Outside Alaska	0.1%	0.7%	0.1%	0.5%	.0%	0.4%

Table B.142.
Susitna Hydroelectric Project, Number of
Small Town Households Boating by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	8660	9240	8490	9080	7540	8140	
In Alaska	8600	9190	8450	9040	7540	8140	
Susitna Study Area	5340	5930	5240	5840	4720	5300	
Area One	120	270	120	270	90	220	
Area Two	1190	1560	1170	1530	1100	1450	
Area Three	830	1140	820	1130	740	1040	
Area Four	0	0	0	0	0	0	
Area Five	410	640	390	610	320	540	
Area Six	170	330	170	330	130	280	
Area Seven	50	150	50	150	40	130	
Area Eight	0	50	0	50	0	50	
Area Nine	50	150	40	130	40	130	
Area Ten	0	30	0	30	0	30	
Area Eleven	0	0	0	0	0	0	
Area Twelve	0	30	0	30	0	30	
Area Thirteen	870	1190	850	1170	760	1070	
Area Fourteen	850	1170	840	1160	740	1040	
10 Miles North of Denali Hwy	10	70	0	50	0	50	
Anchorage/Chugach Mtn. Area	70	180	70	180	50	150	
Kenai Peninsula	1300	1670	1260	1630	1100	1450	
Copper R./Wrangell/Valdez	1090	1440	1090	1440	970	1310	
Southeast Alaska	60	170	50	150	10	70	
Elsewhere in Alaska	1680	2100	1650	2070	1430	1820	
Outside Alaska	20	90	10	70	0	50	

Table B.143.
Susitna Hydroelectric Project, Percentage
of Rural Households Boating by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1994	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	67.2%	73.2%	64.7%	70.9%	54.0%	60.6%
In Alaska	66.9%	72.9%	64.5%	70.7%	54.0%	60.6%
Susitna Study Area	50.7%	57.3%	48.5%	55.1%	41.6%	48.2%
Area One	2.1%	4.5%	2.1%	4.5%	1.7%	3.9%
Area Two	12.5%	17.1%	12.1%	16.7%	11.1%	15.5%
Area Three	4.3%	7.5%	4.3%	7.3%	4.0%	7.0%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	4.3%	7.5%	4.2%	7.2%	3.4%	6.2%
Area Six	0.6%	2.0%	0.6%	2.0%	0.5%	1.9%
Area Seven	0.7%	2.3%	0.7%	2.3%	0.3%	1.7%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	1.6%	3.8%	0.9%	2.7%	0.1%	1.1%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Thirteen	5.3%	8.7%	5.3%	8.7%	4.7%	7.9%
Area Fourteen	9.5%	13.7%	8.8%	13.0%	7.3%	11.1%
10 Miles North of Denali Hwy	0.2%	1.2%	0.2%	1.2%	0.2%	1.2%
Anchorage/Chugach Mtn. Area	0.9%	2.7%	0.9%	2.7%	0.7%	2.3%
Kenai Peninsula	6.8%	10.6%	6.8%	10.6%	5.7%	9.1%
Copper R./Wrangell/Valdez	2.4%	4.8%	2.0%	4.4%	1.6%	3.6%
Southeast Alaska	0.8%	2.6%	0.8%	2.4%	0.7%	2.3%
Elsewhere in Alaska	10.1%	14.5%	9.8%	14.0%	7.5%	11.3%
Outside Alaska	0.0%	0.7%	0.0%	0.5%	0.0%	0.3%

Table B.144.
Susitna Hydroelectric Project, Number of
Rural Households Boating by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	1790	1950	1720	1890	1440	1610	
In Alaska	1780	1940	1720	1880	1440	1610	
Susitna Study Area	1350	1520	1290	1470	1110	1280	
Area One	60	120	60	120	50	100	
Area Two	330	460	320	440	290	410	
Area Three	120	200	110	200	110	190	
Area Four	0	0	0	0	0	0	
Area Five	120	200	110	190	90	170	
Area Six	10	50	10	50	10	50	
Area Seven	20	60	20	60	10	40	
Area Eight	0	0	0	0	0	0	
Area Nine	40	100	20	70	0	30	
Area Ten	0	0	0	0	0	0	
Area Eleven	0	0	0	0	0	0	
Area Twelve	0	0	0	0	0	0	
Area Thirteen	140	230	140	230	120	210	
Area Fourteen	250	360	240	340	190	300	
10 Miles North of Denali Hwy	0	30	0	30	0	30	
Anchorage/Chugach Mtn. Area	20	70	20	70	20	60	
Kenai Peninsula	180	280	180	280	150	240	
Copper R./Wrangell/Valdez	60	130	50	120	40	100	
Southeast Alaska	20	70	20	60	20	60	
Elsewhere in Alaska	270	380	260	370	200	300	
Outside Alaska	0	20	0	10	0	10	

Table B.145.
Susitna Hydroelectric Project, Percentage
of All Households Camping by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	59.2%	62.0%	57.3%	60.1%	48.5%	51.3%	
In Alaska	57.5%	60.3%	55.9%	58.7%	47.9%	50.7%	
Susitna Study Area	29.1%	31.7%	28.3%	30.9%	24.0%	26.4%	
Area One	3.1%	4.1%	3.0%	4.0%	2.5%	3.5%	
Area Two	8.9%	10.5%	8.6%	10.2%	7.2%	8.6%	
Area Three	3.9%	5.1%	3.6%	4.8%	2.8%	3.8%	
Area Four	.0%	0.2%	.0%	0.2%	.0%	0.2%	
Area Five	1.2%	1.8%	1.1%	1.7%	1.0%	1.6%	
Area Six	1.2%	1.8%	1.2%	1.8%	0.8%	1.4%	
Area Seven	0.7%	1.3%	0.7%	1.3%	0.6%	1.0%	
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Nine	0.7%	1.3%	0.6%	1.2%	0.6%	1.0%	
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%	
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Area Twelve	0.2%	0.6%	0.2%	0.6%	0.2%	0.6%	
Area Thirteen	3.3%	4.3%	3.2%	4.2%	2.9%	3.9%	
Area Fourteen	2.3%	3.3%	2.3%	3.3%	2.1%	2.9%	
10 Miles North of Denali Hwy	1.1%	1.7%	1.0%	1.6%	0.9%	1.5%	
Anchorage/Chugach Mtn. Area	10.5%	12.3%	10.1%	11.9%	8.7%	10.3%	
Kenai Peninsula	13.8%	15.8%	13.6%	15.6%	11.9%	13.7%	
Copper R./Wrangell/Valdez	1.3%	1.9%	1.2%	1.8%	0.9%	1.5%	
Southeast Alaska	1.0%	1.6%	1.0%	1.6%	0.6%	1.0%	
Elsewhere in Alaska	13.4%	15.4%	12.7%	14.7%	10.7%	12.5%	
Outside Alaska	1.3%	2.1%	1.1%	1.7%	0.6%	1.2%	

Table B.146.
Susitna Hydroelectric Project, Number of
All Households Camping by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS						
	EVER		1980 -1985		1984		
	LOW	HIGH	LOW	HIGH	LOW	HIGH	
In or out of Alaska	72730	76050	70380	73730	59560	62950	
In Alaska	70630	73970	68660	72020	58820	62220	
Susitna Study Area	35750	38880	34780	37890	29460	32410	
Area One	3790	5050	3670	4920	3100	4260	
Area Two	10900	12910	10550	12530	8780	10610	
Area Three	4820	6230	4470	5840	3440	4660	
Area Four	20	230	20	230	20	230	
Area Five	1430	2250	1320	2120	1210	1980	
Area Six	1430	2250	1430	2250	1000	1700	
Area Seven	890	1570	890	1570	680	1280	
Area Eight	0	0	0	0	0	0	
Area Nine	890	1570	780	1430	680	1280	
Area Ten	20	230	20	230	20	230	
Area Eleven	0	0	0	0	0	0	
Area Twelve	280	710	280	710	280	710	
Area Thirteen	4020	5310	3900	5180	3560	4790	
Area Fourteen	2880	4000	2880	4000	2540	3600	
10 Miles North of Denali Hwy	1320	2120	1210	1980	1100	1840	
Anchorage/Chugach Mtn. Area	12910	15070	12440	14570	10670	12660	
Kenai Peninsula	16960	19370	16720	19120	14580	16850	
Copper R./Wrangell/Valdez	1540	2390	1430	2250	1100	1840	
Southeast Alaska	1210	1980	1210	1980	680	1280	
Elsewhere in Alaska	16480	18870	15650	17990	13150	15830	
Outside Alaska	1650	2530	1320	2120	780	1430	

Table B.147.
Susitna Hydroelectric Project, Percentage
of Urban Households Camping by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	59.5%	63.7%	57.6%	61.8%	48.6%	52.8%
In Alaska	57.7%	61.9%	56.1%	60.3%	47.9%	52.1%
Susitna Study Area	27.8%	31.6%	27.0%	30.8%	22.6%	26.2%
Area One	2.8%	4.4%	2.7%	4.3%	2.3%	3.7%
Area Two	8.2%	10.6%	7.9%	10.3%	6.5%	8.7%
Area Three	3.3%	5.1%	3.1%	4.7%	2.3%	3.7%
Area Four	.0%	0.2%	.0%	0.2%	0.0%	0.0%
Area Five	0.9%	1.9%	0.8%	1.8%	0.7%	1.7%
Area Six	0.9%	1.9%	0.9%	1.9%	0.6%	1.4%
Area Seven	0.5%	1.3%	0.5%	1.3%	0.3%	1.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.6%	1.4%	0.6%	1.4%	0.5%	1.3%
Area Ten	.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.1%	0.7%	0.1%	0.7%	0.1%	0.7%
Area Thirteen	3.0%	4.6%	2.9%	4.5%	2.6%	4.2%
Area Fourteen	2.2%	3.6%	2.2%	3.6%	1.9%	3.3%
10 Miles North of Denali Hwy	1.0%	2.0%	0.9%	1.9%	0.7%	1.7%
Anchorage/Chugach Mtn. Area	11.3%	14.1%	11.0%	13.8%	9.4%	12.0%
Kenai Peninsula	14.6%	17.8%	14.3%	17.5%	12.4%	15.4%
Copper R./Wrangell/Valdez	0.6%	1.4%	0.5%	1.3%	0.3%	1.1%
Southeast Alaska	0.9%	1.9%	0.9%	1.9%	0.4%	1.2%
Elsewhere in Alaska	13.0%	16.0%	12.4%	15.4%	10.3%	13.1%
Outside Alaska	1.2%	2.4%	1.0%	2.0%	0.6%	1.4%

Table B.148.
Susitna Hydroelectric Project, Number of
Urban Households Camping by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	63240	67620	61200	65620	51600	56100
In Alaska	61310	65720	59600	64040	50860	55360
Susitna Study Area	29490	33600	28660	32740	23980	27850
Area One	2980	4660	2890	4540	2420	3950
Area Two	8670	11300	8370	10960	6880	9270
Area Three	3560	5360	3270	5010	2420	3950
Area Four	0	250	0	250	0	0
Area Five	960	2020	870	1890	780	1760
Area Six	960	2020	960	2020	610	1510
Area Seven	530	1380	530	1380	370	1120
Area Eight	0	0	0	0	0	0
Area Nine	610	1510	610	1510	530	1380
Area Ten	0	250	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	140	710	140	710	140	710
Area Thirteen	3180	4900	3080	4780	2800	4430
Area Fourteen	2320	3840	2320	3840	2050	3480
10 Miles North of Denali Hwy	1050	2140	960	2020	780	1760
Anchorage/Chugach Mtn. Area	11990	14990	11690	14650	9970	12760
Kenai Peninsula	15550	18870	15240	18530	13210	16320
Copper R./Wrangell/Valdez	610	1510	530	1380	370	1120
Southeast Alaska	960	2020	960	2020	450	1250
Elsewhere in Alaska	13820	16990	13210	16320	10980	13870
Outside Alaska	1310	2510	1050	2140	610	1510

Table B.149.
Susitna Hydroelectric Project, Percentage
of Small Town Households Camping by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	49.9%	54.3%	48.5%	52.9%	41.5%	45.9%
In Alaska	49.2%	53.6%	47.8%	52.2%	41.0%	45.4%
Susitna Study Area	30.5%	34.7%	30.0%	34.0%	26.3%	30.3%
Area One	2.3%	3.9%	2.3%	3.9%	1.9%	3.3%
Area Two	9.2%	12.0%	9.2%	11.8%	7.8%	10.4%
Area Three	4.9%	6.9%	4.7%	6.7%	4.0%	6.0%
Area Four	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Five	1.5%	2.7%	1.5%	2.7%	1.3%	2.5%
Area Six	1.6%	3.0%	1.6%	2.8%	1.2%	2.4%
Area Seven	0.6%	1.6%	0.6%	1.6%	0.6%	1.4%
Area Eight	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Nine	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Twelve	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Thirteen	2.7%	4.3%	2.7%	4.3%	2.5%	4.2%
Area Fourteen	1.6%	2.8%	1.5%	2.7%	1.5%	2.7%
10 Miles North of Denali Hwy	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Anchorage/Chugach Mtn. Area	1.9%	3.3%	1.8%	3.2%	1.3%	2.5%
Kenai Peninsula	5.3%	7.5%	5.2%	7.4%	4.6%	6.6%
Copper R./Wrangell/Valdez	4.8%	6.8%	4.8%	6.8%	4.0%	6.0%
Southeast Alaska	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%
Elsewhere in Alaska	11.8%	14.8%	11.2%	14.2%	9.3%	12.1%
Outside Alaska	0.3%	1.1%	0.3%	1.1%	0.3%	0.9%

Table B.150.
Susitna Hydroelectric Project, Number of
Small Town Households Camping by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	6930	7530	6730	7340	5760	6370
In Alaska	6830	7440	6630	7240	5690	6300
Susitna Study Area	4240	4810	4160	4730	3850	4200
Area One	320	540	320	540	260	460
Area Two	1280	1660	1270	1640	1090	1440
Area Three	680	960	650	930	560	830
Area Four	10	70	10	70	10	70
Area Five	200	380	200	380	190	350
Area Six	230	410	220	390	170	330
Area Seven	90	220	90	220	80	200
Area Eight	10	70	10	70	10	70
Area Nine	40	130	40	130	30	110
Area Ten	0	30	0	30	0	30
Area Eleven	0	30	0	30	0	30
Area Twelve	0	30	0	30	0	30
Area Thirteen	370	600	370	600	360	580
Area Fourteen	220	390	200	380	200	380
10 Miles North of Denali Hwy	50	150	50	150	50	150
Anchorage/Chugach Mtn. Area	260	460	250	440	190	350
Kenai Peninsula	740	1040	730	1020	640	920
Copper R./Wrangell/Valdez	660	950	660	950	560	830
Southeast Alaska	30	110	30	110	20	90
Elsewhere in Alaska	1640	2050	1560	1970	1300	1670
Outside Alaska	50	150	50	150	40	130

Table B.151.
Susitna Hydroelectric Project, Percentage
of Rural Households Camping by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985-		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	62.7%	68.9%	57.6%	64.0%	48.6%	55.2%
In Alaska	62.2%	68.4%	57.1%	63.5%	48.7%	55.3%
Susitna Study Area	43.9%	50.5%	41.9%	48.5%	35.5%	41.9%
Area One	3.3%	6.1%	3.2%	6.0%	2.1%	4.5%
Area Two	14.3%	19.3%	14.2%	19.2%	12.7%	17.5%
Area Three	6.3%	9.9%	6.2%	9.8%	5.5%	8.9%
Area Four	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Five	1.4%	3.4%	1.4%	3.4%	1.2%	3.2%
Area Six	1.0%	2.8%	1.0%	2.8%	0.7%	2.3%
Area Seven	0.6%	2.2%	0.6%	2.2%	0.3%	1.7%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	1.2%	3.0%	0.3%	1.7%	0.2%	1.2%
Area Ten	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Thirteen	4.3%	7.5%	3.9%	6.9%	3.6%	6.4%
Area Fourteen	1.2%	3.0%	1.2%	3.0%	1.0%	2.8%
10 Miles North of Denali Hwy	0.9%	2.7%	0.8%	2.4%	0.7%	2.3%
Anchorage/Chugach Mtn. Area	2.1%	4.5%	2.0%	4.4%	2.0%	4.2%
Kenai Peninsula	4.4%	7.6%	3.9%	6.9%	3.0%	5.8%
Copper R./Wrangell/Valdez	3.1%	5.9%	1.9%	4.1%	1.6%	3.8%
Southeast Alaska	0.4%	1.8%	0.4%	1.8%	0.4%	1.8%
Elsewhere in Alaska	13.3%	18.1%	11.5%	16.1%	8.9%	13.1%
Outside Alaska	0.1%	1.1%	0.1%	1.1%	.0%	1.0%

Table B.152.
Susitna Hydroelectric Project, Number of
Rural Households Camping by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	1670	1830	1530	1700	1290	1470
In Alaska	1650	1820	1520	1690	1300	1470
Susitna Study Area	1170	1340	1120	1290	940	1110
Area One	90	160	90	160	60	120
Area Two	380	510	380	510	340	460
Area Three	170	260	170	260	150	240
Area Four	0	10	0	10	0	10
Area Five	40	90	40	90	30	80
Area Six	30	70	30	70	20	60
Area Seven	20	60	20	60	10	40
Area Eight	0	0	0	0	0	0
Area Nine	30	80	10	40	0	30
Area Ten	0	20	0	20	0	20
Area Eleven	0	0	0	0	0	0
Area Twelve	0	10	0	10	0	10
Area Thirteen	120	200	100	180	90	170
Area Fourteen	30	80	30	80	30	70
10 Miles North of Denali Hwy	20	70	20	60	20	60
Anchorage/Chugach Mtn. Area	60	120	50	120	50	110
Kenai Peninsula	120	200	100	190	80	150
Copper R./Wrangell/Valdez	80	160	50	110	40	100
Southeast Alaska	10	50	10	50	10	50
Elsewhere in Alaska	350	480	310	430	240	350
Outside Alaska	0	30	0	30	0	30

Table B.153.
Susitna Hydroelectric Project, Percentage of
All Households Hiking, Picnicking, or Berry Picking
By Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	76.4%	78.8%	75.4%	77.8%	71.3%	73.7%
In Alaska	75.3%	77.6%	74.3%	76.7%	70.5%	72.9%
Susitna Study Area	38.7%	41.5%	38.1%	40.9%	34.6%	37.2%
Area One	3.5%	4.5%	3.4%	4.4%	3.1%	4.1%
Area Two	11.2%	13.0%	11.0%	12.8%	10.2%	12.0%
Area Three	7.2%	8.6%	7.0%	8.4%	6.3%	7.7%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.4%	2.2%	1.3%	2.1%	1.2%	1.8%
Area Six	1.9%	2.7%	1.9%	2.7%	1.6%	2.4%
Area Seven	0.7%	1.3%	0.7%	1.3%	0.6%	1.0%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.4%	0.8%	0.4%	0.8%	0.3%	0.7%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Thirteen	3.4%	4.4%	3.4%	4.4%	3.2%	4.2%
Area Fourteen	4.6%	5.8%	4.6%	5.8%	4.1%	5.3%
10 Miles North of Denali Hwy	1.3%	1.9%	1.3%	1.9%	1.2%	1.8%
Anchorage/Chugach Mtn. Area	18.4%	20.6%	18.3%	20.5%	17.4%	19.6%
Kenai Peninsula	15.0%	17.0%	14.9%	16.9%	14.0%	16.0%
Copper R./Wrangell/Valdez	1.7%	2.5%	1.6%	2.4%	1.4%	2.2%
Southeast Alaska	0.8%	1.4%	0.7%	1.3%	0.7%	1.3%
Elsewhere in Alaska	17.6%	19.8%	17.2%	19.4%	16.4%	18.6%
Outside Alaska	1.1%	1.7%	1.0%	1.6%	0.7%	1.3%

Table B.154.
Susitna Hydroelectric Project, Number of
All Households Hiking, Picnicking, or Berry Picking
By Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	93840	96670	92590	95470	87480	90510
In Alaska	92340	95230	91220	94140	86480	89540
Susitna Study Area	47560	50890	46830	50150	42440	45700
Area One	4240	5580	4130	5450	3790	5050
Area Two	13750	15960	13510	15710	12560	14690
Area Three	8780	10610	8550	10360	7730	9460
Area Four	0	0	0	0	0	0
Area Five	1760	2660	1650	2530	1430	2250
Area Six	2310	3330	2310	3330	1980	2930
Area Seven	890	1570	890	1570	680	1280
Area Eight	20	230	20	230	20	230
Area Nine	470	1000	470	1000	370	850
Area Ten	20	230	20	230	20	230
Area Eleven	0	0	0	0	0	0
Area Twelve	180	550	180	550	180	550
Area Thirteen	4130	5450	4130	5450	3900	5180
Area Fourteen	5630	7140	5630	7140	5050	6490
10 Miles North of Denali Hwy	1540	2390	1540	2390	1430	2250
Anchorage/Chugach Mtn. Area	22590	25280	22470	25160	21390	24030
Kenai Peninsula	18400	20890	18280	20760	17200	19630
Copper R./Wrangell/Valdez	2090	3060	1980	2930	1760	2660
Southeast Alaska	1000	1700	890	1570	890	1570
Elsewhere in Alaska	21630	24280	21150	23780	20190	22770
Outside Alaska	1320	2120	1310	1980	890	1570

Table B.155.
Susitna Hydroelectric Project, Percentage of
Urban Households Hiking, Picnicking, or Berry Picking
by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	76.8%	80.2%	75.7%	79.3%	71.5%	75.3%
In Alaska	75.4%	79.0%	74.5%	78.1%	70.7%	74.5%
Susitna Study Area	36.4%	40.6%	35.8%	40.0%	32.1%	36.1%
Area One	3.1%	4.7%	3.1%	4.7%	2.8%	4.4%
Area Two	9.8%	12.4%	9.6%	12.3%	8.8%	11.4%
Area Three	6.3%	8.5%	6.1%	8.3%	5.5%	7.7%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.2%	2.2%	1.1%	2.1%	0.9%	1.9%
Area Six	1.8%	3.0%	1.7%	2.9%	1.4%	2.6%
Area Seven	0.6%	1.4%	0.6%	1.4%	0.4%	1.2%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	0.9%	0.3%	0.9%	0.2%	0.8%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.1%	0.5%	0.1%	0.5%	0.1%	0.5%
Area Thirteen	3.1%	4.7%	3.1%	4.7%	2.9%	4.5%
Area Fourteen	4.2%	6.0%	4.2%	6.0%	3.6%	5.4%
10 Miles North of Denali Hwy	1.2%	2.2%	1.2%	2.2%	1.0%	2.0%
Anchorage/Chugach Mtn. Area	20.2%	23.8%	20.0%	23.6%	19.1%	22.5%
Kenai Peninsula	16.0%	19.2%	15.9%	19.1%	14.9%	18.1%
Copper R./Wrangell/Valdez	0.9%	1.9%	0.8%	1.8%	0.7%	1.5%
Southeast Alaska	0.7%	1.5%	0.7%	1.5%	0.6%	1.4%
Elsewhere in Alaska	17.5%	20.9%	17.0%	20.4%	16.3%	19.5%
Outside Alaska	1.0%	2.0%	1.0%	2.0%	0.7%	1.5%

Table B.156.
Susitna Hydroelectric Project, Number of
Urban Households Hiking, Picnicking, or Berry Picking
by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	81530	85230	80440	84200	75970	79950
In Alaska	80110	83890	79130	82960	75100	79120
Susitna Study Area	38700	43080	38070	42440	34090	38350
Area One	3270	5010	3270	5010	2980	4660
Area Two	10380	13200	10170	12980	9370	12080
Area Three	6680	9040	6480	8810	5890	8130
Area Four	0	0	0	0	0	0
Area Five	1220	2390	1130	2260	960	2020
Area Six	1860	3240	1770	3120	1490	2750
Area Seven	610	1510	610	1510	450	1250
Area Eight	0	0	0	0	0	0
Area Nine	290	980	290	980	210	850
Area Ten	0	250	0	250	0	250
Area Eleven	0	0	0	0	0	0
Area Twelve	70	560	70	560	70	560
Area Thirteen	3270	5010	3270	5010	3080	4780
Area Fourteen	4430	6410	4430	6410	3850	5710
10 Miles North of Denali Hwy	1220	2390	1220	2390	1050	2140
Anchorage/Chugach Mtn. Area	21500	25230	21300	25010	20270	23920
Kenai Peninsula	16980	20410	16880	20300	15850	19200
Copper R./Wrangell/Valdez	960	2020	870	1890	700	1640
Southeast Alaska	700	1640	700	1640	610	1510
Elsewhere in Alaska	18620	22170	18110	21620	17290	20740
Outside Alaska	1050	2140	1050	2140	700	1640

Table B.157.
 Susitna Hydroelectric Project, Percentage
 of Small Town Households Hiking, Picnicking, or
 Berry Picking by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	67.3%	71.3%	67.0%	71.0%	62.7%	66.9%
In Alaska	66.8%	70.8%	66.5%	70.5%	62.3%	66.5%
Susitna Study Area	45.6%	50.0%	45.2%	49.6%	42.8%	47.2%
Area One	3.1%	4.7%	3.1%	4.7%	2.9%	4.5%
Area Two	15.8%	19.2%	15.7%	19.1%	14.9%	19.1%
Area Three	9.4%	12.2%	9.3%	12.1%	8.7%	11.3%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.6%	2.8%	1.6%	2.8%	1.5%	2.7%
Area Six	1.2%	2.4%	1.2%	2.4%	1.2%	2.4%
Area Seven	0.6%	1.4%	0.6%	1.4%	0.6%	1.4%
Area Eight	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Area Nine	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	0.4%	.0%	0.4%	.0%	0.4%
Area Thirteen	2.2%	3.6%	2.2%	3.6%	2.0%	3.4%
Area Fourteen	4.6%	6.6%	4.6%	6.6%	4.5%	6.5%
10 Miles North of Denali Hwy	0.3%	1.1%	0.3%	1.1%	0.3%	1.1%
Anchorage/Chugach Mtn. Area	3.2%	5.0%	3.2%	5.0%	3.1%	4.7%
Kenai Peninsula	5.0%	7.0%	5.0%	7.0%	4.6%	6.6%
Copper R./Wrangell/Valdez	6.1%	8.3%	6.1%	8.3%	5.7%	7.9%
Southeast Alaska	0.3%	0.9%	0.2%	0.8%	0.2%	0.8%
Elsewhere in Alaska	14.1%	17.3%	14.1%	17.3%	12.9%	15.9%
Outside Alaska	0.2%	0.8%	0.2%	0.8%	0.1%	0.7%

Table B.158.
Susitna Hydroelectric Project, Number of
Small Town Households Hiking, Picnicking, or
Berry Picking by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	9340	9900	9290	9860	8700	9280
In Alaska	9270	9830	9220	9790	8650	9230
Susitna Study Area	6330	6940	6270	6880	5940	6550
Area One	420	660	420	660	400	630
Area Two	2200	2660	2180	2650	2060	2520
Area Three	1310	1690	1300	1670	1210	1570
Area Four	0	0	0	0	0	0
Area Five	220	390	220	390	200	380
Area Six	170	330	170	330	170	330
Area Seven	80	200	80	200	80	200
Area Eight	30	110	30	110	30	110
Area Nine	50	150	50	150	50	150
Area Ten	0	30	0	30	0	30
Area Eleven	0	0	0	0	0	0
Area Twelve	0	50	0	50	0	50
Area Thirteen	300	500	300	500	280	470
Area Fourteen	640	920	640	920	620	900
10 Miles North of Denali Hwy	50	150	50	150	50	150
Anchorage/Chugach Mtn. Area	450	690	450	690	420	660
Kenai Peninsula	690	980	690	980	640	920
Copper R./Wrangell/Valdez	840	1160	840	1160	790	1100
Southeast Alaska	40	130	30	110	30	110
Elsewhere in Alaska	1960	2400	1960	2400	1780	2210
Outside Alaska	30	110	30	110	20	90

Table B.159.
Susitna Hydroelectric Project, Percentage
of Rural Households Hiking, Picnicking, or
Berry Picking by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	80.1%	85.1%	78.4%	83.6%	73.1%	78.7%
In Alaska	79.6%	84.6%	78.0%	83.2%	72.8%	78.4%
Susitna Study Area	62.5%	68.7%	61.0%	67.4%	57.0%	63.4%
Area One	4.5%	7.7%	4.4%	7.6%	4.2%	7.2%
Area Two	20.7%	26.3%	20.7%	26.3%	20.0%	25.6%
Area Three	10.1%	14.5%	9.3%	13.5%	8.7%	12.7%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.7%	3.9%	1.7%	3.9%	1.7%	3.9%
Area Six	1.7%	3.9%	1.6%	3.8%	1.4%	3.4%
Area Seven	1.4%	3.4%	1.2%	3.2%	1.0%	2.8%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.5%	0.3%	1.5%	0.2%	1.4%
Area Ten	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	.0%	1.0%	.0%	1.0%	.0%	1.0%
Area Thirteen	5.9%	9.3%	5.9%	9.3%	5.7%	9.1%
Area Fourteen	3.8%	6.8%	3.8%	6.8%	3.5%	6.3%
10 Miles North of Denali Hwy	0.8%	2.6%	0.8%	2.6%	0.8%	2.6%
Anchorage/Chugach Mtn. Area	2.2%	4.6%	2.0%	4.4%	1.8%	4.0%
Kenai Peninsula	2.7%	5.3%	2.5%	5.1%	2.5%	4.9%
Copper R./Wrangell/Valdez	3.4%	6.2%	3.4%	6.2%	2.9%	5.5%
Southeast Alaska	0.5%	1.9%	0.5%	1.9%	0.5%	1.9%
Elsewhere in Alaska	14.4%	19.4%	14.1%	19.1%	12.0%	16.6%
Outside Alaska	0.0%	0.7%	0.0%	0.7%	0.0%	0.7%

Table B.160.
Susitna Hydroelectric Project, Number of
Rural Households Hiking, Picnicking, or Berry Picking
by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	2130	2260	2090	2220	1940	2090
In Alaska	2120	2250	2070	2210	1940	2090
Susitna Study Area	1660	1830	1620	1790	1520	1690
Area One	120	200	120	200	110	190
Area Two	550	700	550	700	530	680
Area Three	270	380	250	360	230	340
Area Four	0	0	0	0	0	0
Area Five	50	100	50	100	50	100
Area Six	50	100	40	100	40	90
Area Seven	40	90	30	80	30	70
Area Eight	0	0	0	0	0	0
Area Nine	10	40	10	40	10	40
Area Ten	0	10	0	10	0	10
Area Eleven	0	0	0	0	0	0
Area Twelve	0	30	0	30	0	30
Area Thirteen	160	250	160	250	150	240
Area Fourteen	100	180	100	180	90	170
10 Miles North of Denali Hwy	20	70	20	70	20	70
Anchorage/Chugach Mtn. Area	60	120	50	120	50	110
Kenai Peninsula	70	140	70	130	70	130
Copper R./Wrangell/Valdez	90	170	90	170	80	150
Southeast Alaska	10	50	10	50	10	50
Elsewhere in Alaska	380	520	380	510	320	440
Outside Alaska	0	20	0	20	0	20

Table B.161.
Susitna Hydroelectric Project, Percentage
of All Households Sightseeing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	81.2%	83.4%	80.2%	82.4%	77.2%	79.4%
In Alaska	80.6%	82.8%	79.9%	82.0%	77.0%	79.2%
Susitna Study Area	48.6%	51.4%	47.8%	50.6%	44.1%	46.9%
Area One	5.2%	6.4%	5.1%	6.3%	4.5%	5.7%
Area Two	12.6%	14.4%	12.5%	14.3%	11.7%	13.5%
Area Three	9.4%	11.0%	9.2%	10.8%	8.5%	10.1%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.8%	2.6%	1.7%	2.5%	1.5%	2.3%
Area Six	2.6%	3.6%	2.5%	3.5%	2.3%	3.1%
Area Seven	1.6%	2.4%	1.4%	2.2%	1.3%	1.9%
Area Eight	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Nine	0.6%	1.2%	0.6%	1.2%	0.6%	1.0%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.4%	0.8%	0.4%	0.8%	0.3%	0.7%
Area Thirteen	3.9%	5.1%	3.8%	5.0%	3.6%	4.8%
Area Fourteen	4.4%	5.6%	4.4%	5.6%	4.2%	5.4%
10 Miles North of Denali Hwy	1.7%	2.5%	1.7%	2.5%	1.6%	2.4%
Anchorage/Chugach Mtn. Area	15.0%	17.0%	14.9%	16.9%	14.2%	16.2%
Kenai Peninsula	18.2%	20.4%	18.1%	20.3%	17.6%	19.8%
Copper R./Wrangell/Valdez	2.5%	3.5%	2.4%	3.4%	2.3%	3.1%
Southeast Alaska	1.4%	2.2%	1.4%	2.2%	1.3%	2.1%
Elsewhere in Alaska	21.7%	24.1%	21.3%	23.7%	20.4%	22.6%
Outside Alaska	0.6%	1.0%	0.6%	1.0%	0.5%	0.9%

Table B.162.
Susitna Hydroelectric Project, Number of
All Households Sightseeing by Area

GEOGRAPHIC LOCATION	ALL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	99730	102320	98470	101120	94720	97520
In Alaska	98980	101600	97970	100640	94470	97280
Susitna Study Area	59680	63080	58700	62090	54160	57540
Area One	6330	7910	6210	7780	5510	7010
Area Two	15410	17730	15290	17610	14340	16590
Area Three	11490	13550	11260	13290	10430	12400
Area Four	0	0	0	0	0	0
Area Five	2200	3200	2090	3060	1870	2800
Area Six	3220	4390	3100	4260	2760	3860
Area Seven	1980	2930	1760	2660	1540	2390
Area Eight	20	230	20	230	20	230
Area Nine	780	1430	780	1430	680	1280
Area Ten	20	230	20	230	20	230
Area Eleven	0	0	0	0	0	0
Area Twelve	470	1000	470	1000	370	850
Area Thirteen	4820	6230	4700	6100	4470	5840
Area Fourteen	5400	6880	5400	6880	5170	6620
10 Miles North of Denali Hwy	2090	3060	2090	3060	1980	2930
Anchorage/Chugach Mtn. Area	18400	20890	18280	20760	17440	19880
Kenai Peninsula	22350	25030	22230	24910	21630	24290
Copper R./Wrangell/Valdez	3100	4260	2990	4130	2760	3860
Southeast Alaska	1760	2660	1760	2660	1650	2530
Elsewhere in Alaska	26680	29540	26200	29040	25000	27790
Outside Alaska	680	1280	680	1280	580	1140

Table B.163.
Susitna Hydroelectric Project, Percentage
of Urban Households Sightseeing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	81.8%	85.0%	80.6%	83.8%	77.6%	81.0%
In Alaska	81.1%	84.3%	80.1%	83.3%	77.3%	80.7%
Susitna Study Area	47.1%	51.3%	46.3%	50.5%	42.4%	46.6%
Area One	4.6%	6.6%	4.5%	6.5%	4.1%	5.9%
Area Two	11.2%	14.0%	11.3%	14.0%	10.4%	13.2%
Area Three	8.7%	11.3%	8.5%	11.1%	7.9%	10.3%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.6%	2.8%	1.5%	2.7%	1.3%	2.5%
Area Six	2.4%	3.8%	2.3%	3.7%	2.0%	3.4%
Area Seven	1.4%	2.6%	1.3%	2.5%	1.1%	2.1%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.5%	1.3%	0.5%	1.3%	0.4%	1.2%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Area Thirteen	3.7%	5.5%	3.7%	5.5%	3.4%	5.2%
Area Fourteen	4.2%	6.0%	4.2%	6.0%	4.0%	5.8%
10 Miles North of Denali Hwy	1.7%	2.9%	1.7%	2.9%	1.6%	2.8%
Anchorage/Chugach Mtn. Area	16.3%	19.5%	16.3%	19.4%	15.4%	18.6%
Kenai Peninsula	19.3%	22.7%	19.1%	22.5%	18.5%	21.9%
Copper R./Wrangell/Valdez	1.8%	3.0%	1.6%	2.8%	1.5%	2.7%
Southeast Alaska	1.4%	2.6%	1.4%	2.6%	1.3%	2.5%
Elsewhere in Alaska	20.7%	24.3%	20.3%	23.9%	19.5%	22.9%
Outside Alaska	0.5%	1.3%	0.4%	1.2%	0.3%	1.1%

Table B.164.
Susitna Hydroelectric Project, Number of
Urban Households Sightseeing by Area

GEOGRAPHIC LOCATION	URBAN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	86910	90260	85590	89030	82400	86050
In Alaska	86140	89540	85040	88520	82080	85740
Susitna Study Area	50010	54510	49160	53660	45030	49500
Area One	4910	6980	4820	6870	4330	6290
Area Two	11890	14880	11890	14880	11080	13990
Area Three	9270	11970	9070	11750	8370	10960
Area Four	0	0	0	0	0	0
Area Five	1680	3000	1580	2880	1400	2630
Area Six	2510	4070	2420	3950	2140	3600
Area Seven	1490	2750	1400	2630	1130	2260
Area Eight	0	0	0	0	0	0
Area Nine	530	1380	530	1380	450	1250
Area Ten	0	250	0	250	0	250
Area Eleven	0	0	0	0	0	0
Area Twelve	290	980	290	980	290	980
Area Thirteen	3940	5830	3940	5830	3650	5480
Area Fourteen	4430	6410	4430	6410	4230	6180
10 Miles North of Denali Hwy	1770	3120	1770	3120	1680	3000
Anchorage/Chugach Mtn. Area	17290	20740	17180	20630	16370	19750
Kenai Peninsula	20470	24140	20270	23920	19550	23260
Copper R./Wrangell/Valdez	1860	3240	1680	3000	1580	2880
Southeast Alaska	1490	2750	1490	2750	1400	2630
Elsewhere in Alaska	22020	25780	21610	25340	20680	24360
Outside Alaska	530	1380	450	1250	370	1120

Table B.165.
Susitna Hydroelectric Project, Percentage
of Small Town Households Sightseeing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	73.4%	77.2%	73.1%	76.9%	69.8%	73.8%
In Alaska	73.2%	77.0%	73.0%	76.8%	69.7%	73.7%
Susitna Study Area	51.2%	55.6%	51.0%	55.4%	48.5%	52.9%
Area One	5.5%	7.7%	5.5%	7.7%	5.1%	7.3%
Area Two	16.3%	19.7%	16.3%	19.7%	15.7%	19.1%
Area Three	10.3%	13.1%	10.2%	13.0%	9.9%	12.7%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.4%	2.6%	1.4%	2.6%	1.4%	2.6%
Area Six	2.5%	4.1%	2.5%	4.1%	2.2%	3.6%
Area Seven	1.1%	2.3%	1.1%	2.3%	0.9%	1.9%
Area Eight	0.3%	0.9%	0.3%	0.9%	0.3%	0.9%
Area Nine	0.6%	1.4%	0.6%	1.4%	0.5%	1.3%
Area Ten	.0%	0.2%	.0%	0.2%	.0%	0.2%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.1%	0.7%	0.1%	0.7%	0.1%	0.5%
Area Thirteen	2.0%	3.4%	2.0%	3.4%	1.8%	3.2%
Area Fourteen	3.4%	5.2%	3.4%	5.2%	3.3%	5.1%
10 Miles North of Denali Hwy	0.5%	1.3%	0.5%	1.3%	0.5%	1.3%
Anchorage/Chugach Mtn. Area	3.1%	4.7%	3.1%	4.7%	2.8%	4.4%
Kenai Peninsula	8.1%	10.7%	8.1%	10.7%	7.8%	10.4%
Copper R./Wrangell/Valdez	6.8%	9.2%	6.7%	9.1%	6.4%	8.8%
Southeast Alaska	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%
Elsewhere in Alaska	23.1%	26.9%	23.1%	26.9%	21.6%	25.4%
Outside Alaska	0.2%	0.8%	0.2%	0.8%	0.2%	0.8%

Table B.166.
Susitna Hydroelectric Project, Number of
Small Town Households Sightseeing by Area

GEOGRAPHIC LOCATION	SMALL TOWN HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	10190	10710	10140	10670	9690	10240
In Alaska	10160	10690	10130	10660	9680	10220
Susitna Study Area	7110	7710	7080	7690	6730	7340
Area One	760	1070	760	1070	710	1010
Area Two	2360	2730	2260	2730	2180	2650
Area Three	1430	1820	1410	1800	1380	1760
Area Four	0	0	0	0	0	0
Area Five	190	360	190	360	190	360
Area Six	350	570	350	570	300	500
Area Seven	160	310	160	310	120	270
Area Eight	40	130	40	130	40	130
Area Nine	80	200	80	200	70	180
Area Ten	0	30	0	30	0	30
Area Eleven	0	0	0	0	0	0
Area Twelve	20	90	20	90	10	70
Area Thirteen	280	470	280	470	250	440
Area Fourteen	470	720	470	720	460	710
10 Miles North of Denali Hwy	70	180	70	180	70	180
Anchorage/Chugach Mtn. Area	420	660	420	660	390	610
Kenai Peninsula	1130	1480	1130	1480	1090	1440
Copper R./Wrangell/Valdez	940	1280	930	1260	890	1220
Southeast Alaska	30	110	30	110	30	110
Elsewhere in Alaska	3210	3730	3210	3730	3000	3520
Outside Alaska	30	110	30	110	30	110

Table B.167.
Susitna Hydroelectric Project, Percentage
of Rural Households Sightseeing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	75.4%	80.8%	75.2%	80.6%	70.0%	75.8%
In Alaska	74.5%	80.1%	74.3%	79.9%	69.7%	75.5%
Susitna Study Area	57.5%	63.9%	57.4%	63.8%	53.4%	60.0%
Area One	5.3%	8.7%	5.2%	8.6%	5.0%	8.2%
Area Two	19.0%	24.4%	19.0%	24.4%	18.6%	24.0%
Area Three	7.6%	11.4%	7.6%	11.4%	6.7%	10.3%
Area Four	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Five	1.7%	3.9%	1.7%	3.9%	1.6%	3.6%
Area Six	2.0%	4.4%	2.0%	4.4%	2.0%	4.4%
Area Seven	0.8%	2.6%	0.8%	2.6%	0.8%	2.6%
Area Eight	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Nine	0.3%	1.5%	0.3%	1.5%	0.3%	1.5%
Area Ten	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Eleven	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Area Twelve	0.3%	1.5%	0.3%	1.5%	.0%	0.8%
Area Thirteen	5.5%	8.9%	5.5%	8.9%	5.1%	8.3%
Area Fourteen	3.0%	5.6%	3.0%	5.6%	3.0%	5.6%
10 Miles North of Denali Hwy	0.9%	2.7%	0.9%	2.7%	0.7%	2.3%
Anchorage/Chugach Mtn. Area	2.3%	4.7%	2.3%	4.7%	2.2%	4.6%
Kenai Peninsula	4.3%	7.5%	4.3%	7.5%	4.0%	7.0%
Copper R./Wrangell/Valdez	1.8%	4.0%	1.8%	4.0%	1.7%	3.9%
Southeast Alaska	0.6%	2.0%	0.6%	2.0%	0.6%	2.0%
Elsewhere in Alaska	24.1%	29.9%	24.0%	29.8%	21.4%	27.0%
Outside Alaska	.0%	0.8%	.0%	0.8%	.0%	0.8%

Table B.168.
Susitna Hydroelectric Project, Number of
Rural Households Sightseeing by Area

GEOGRAPHIC LOCATION	RURAL HOUSEHOLDS					
	EVER		1980 -1985		1984	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
In or out of Alaska	2000	2150	2000	2140	1860	2020
In Alaska	1980	2130	1980	2120	1950	2010
Susitna Study Area	1530	1700	1530	1700	1420	1600
Area One	140	230	140	230	130	220
Area Two	500	650	500	650	490	640
Area Three	200	300	200	300	180	270
Area Four	0	0	0	0	0	0
Area Five	50	100	50	100	40	100
Area Six	50	120	50	120	50	120
Area Seven	20	70	20	70	20	70
Area Eight	0	0	0	0	0	0
Area Nine	10	40	10	40	10	40
Area Ten	0	0	0	0	0	0
Area Eleven	0	0	0	0	0	0
Area Twelve	10	40	10	40	0	20
Area Thirteen	150	240	150	240	130	220
Area Fourteen	80	150	80	150	80	150
10 Miles North of Denali Hwy	20	70	20	70	20	60
Anchorage/Chugach Mtn. Area	60	130	60	130	60	120
Kenai Peninsula	120	200	120	200	110	190
Copper R./Wrangell/Valdez	50	110	50	110	50	100
Southeast Alaska	10	50	10	50	10	50
Elsewhere in Alaska	640	800	640	790	570	720
Outside Alaska	0	20	0	20	0	20