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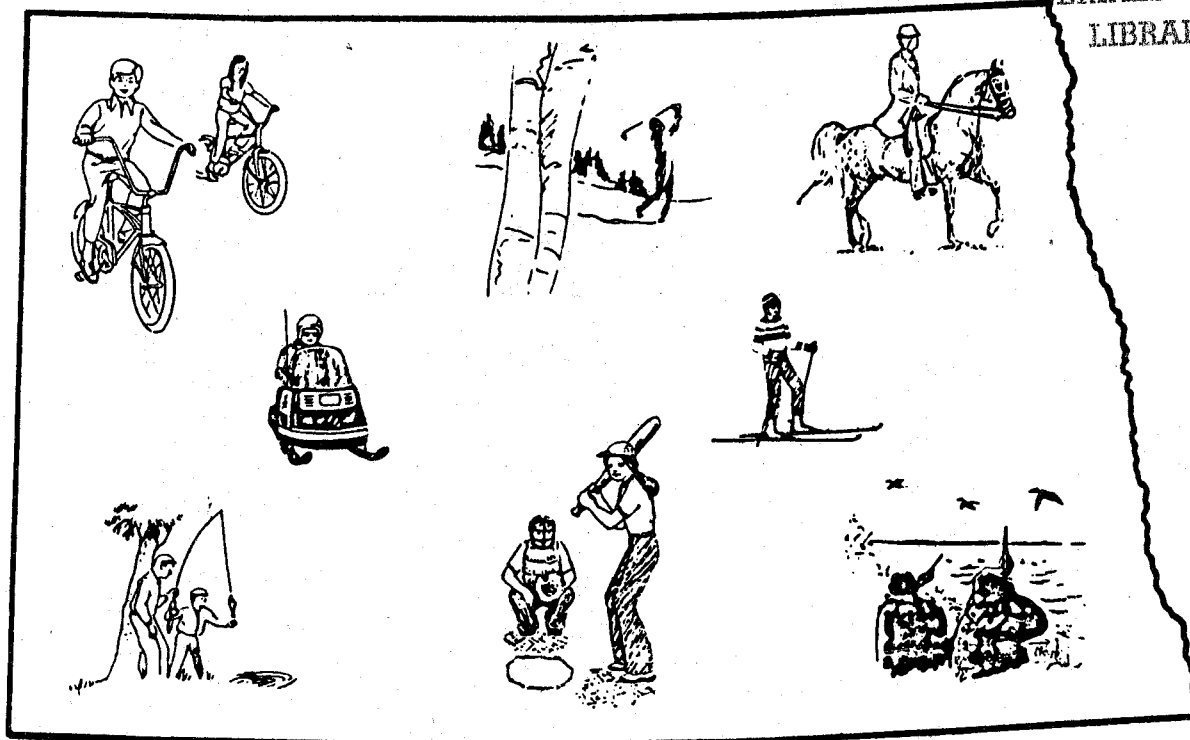
# PROJECTIONS OF FUTURE PARTICIPATION IN OUTDOOR RECREATION FOR NORTH DAKOTA, 1978 to 1995

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STATE UNIVERSITY

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By  
John F. Mittleider  
Harvey G. Vreugdenhil  
Delmer L. Helgeson  
Donald F. Scott

Department of Agricultural Economics  
North Dakota Agricultural Experiment Station  
North Dakota State University  
Fargo, North Dakota 58105

## FOREWORD

This study provides information on future participation in outdoor recreation by residents of North Dakota. The authors express their appreciation to the residents of North Dakota who gave their time and patience in filling out the questionnaires. The authors gratefully acknowledge the valuable assistance and suggestions from the faculty and staff of the Department of Agricultural Economics, North Dakota State University, and North Dakota Parks and Recreation Department.

The financial support provided by the North Dakota Parks and Recreation Department has made this study possible.

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### Highlights

*This study estimates present and future participation in specific outdoor recreation activities using a seasonal participation approach. A random sample of 18,000 households in North Dakota (9.9 percent sample) was surveyed to obtain information on who participates, how often and where. Two questionnaires were developed to collect information on participation in outdoor recreation activities--one for fall and winter activities and one for spring and summer activities. Response rates were 20.6 percent for the fall and winter questionnaire and 16.0 percent for the spring and summer questionnaire.*

*Two approaches--the statistical and age/sex cohort--were used to project regional and statewide participation and average number of days of occurrence in 31 outdoor activities for the base (1978-1979) and target years (1980, 1985, 1990 and 1995). Results of the projections were compared to determine similarity. Wide variances occurred, especially in the distant projections. Mean-days of participation were generally lower for the age/sex cohort approach than those for the statistical approach. However, the results of the two projection methods were very similar when activities were ranked by popularity.*

*Participation and total days of participation in outdoor recreation were projected to increase in all activities on a statewide basis. However, participation in selected activities is expected to decline in given regions.*

*Activities were ranked according to popularity. Snowmobiling, ice skating and sledding were the three most popular fall and winter activities, while bicycling, fishing and outdoor pool swimming were the most popular spring and summer activities.*

Projections of Future Participation  
in Outdoor Recreation  
For North Dakota, 1978 to 1995

by

John F. Mittleider, Harvey G. Vreugdenhil,  
Delmer L. Helgeson and Donald F. Scott\*

Introduction

Outdoor recreation is important to the citizens of North Dakota as well as to non-resident recreationists. The state's economy, together with a sparse but increasing population base and long distances between urban centers and prime recreation areas underscore the need for long-range planning in outdoor recreation.

A comprehensive outdoor recreation plan can serve to enhance outdoor recreation opportunities for state residents; promote tourism, which is an important part of the state's export base; and create an awareness among the public and private sectors relative to outdoor recreation. Further, public policy planners at the federal, state and local government levels require current and projected socio-economic information upon which to base their decisions concerning the development and management of recreation resources.

This information becomes increasingly important when related to changing life styles ushered in by such factors as affluence, increased leisure time, population mobility, and an uncertainties concerning energy and inflation. These factors may alter individual and group tastes and preferences for the type of outdoor recreation activity they participate in and therefore, warrant close scrutiny and necessitate re-evaluating previous studies and trends to isolate major changes that may be emerging. An extended planning horizon may be needed to accomodate interest patterns that may readily evolve. Sound guidelines can be an extremely useful first

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\* Mittleider and Vreugdenhil are Research Associates, Helgeson is Professor and Scott is Associate Professor, Department of Agricultural Economics.

step in assuring that North Dakota's population now and in the future will have access to the type of recreation experiences which will be the most satisfying to them and consistent with the economic requirements of the state.

### Objectives and Procedures

This study estimates participation (demand) in specified outdoor recreation activities using a seasonal participation approach. Projected participation in fall and winter activities was based on a survey conducted in April, 1979 designed to capture participation rates from September 1, 1978 through March 31, 1979. Spring and summer activity projections were based upon a survey conducted in October, 1979 for resident participation from April 1, 1979 through August 31, 1979.

Current participation rates (obtained in the study) for preselected outdoor activities, by season, were projected in five-year increments for each state planning region (Figure 1) and the state for the period 1980 through 1995.

Participation rates were correlated to selected socioeconomic characteristics of survey respondents to form the basic parameters for the projections of each rate for each specific outdoor recreation activity. This procedure was carried out for each of the eight state planning regions and for the state in aggregate.

A deliberate effort was made to follow, as closely as possible, the previous research conducted in 1975 by Phillips, et al. (5) to provide a basis for developing trend estimates and to advance the opportunity for developing an ongoing time series for participation rates. Public policy planners and certain units within the private sector should find this study useful in analyzing the supply and demand for outdoor recreation within the state.

The State Comprehensive Outdoor Recreation Plan (SCORP) represents a plan for provision of outdoor recreation opportunities. Such a plan requires estimates of current participation (including who participates, how often, and where) by state residents in selected activities as well as projections of future patterns of participation.



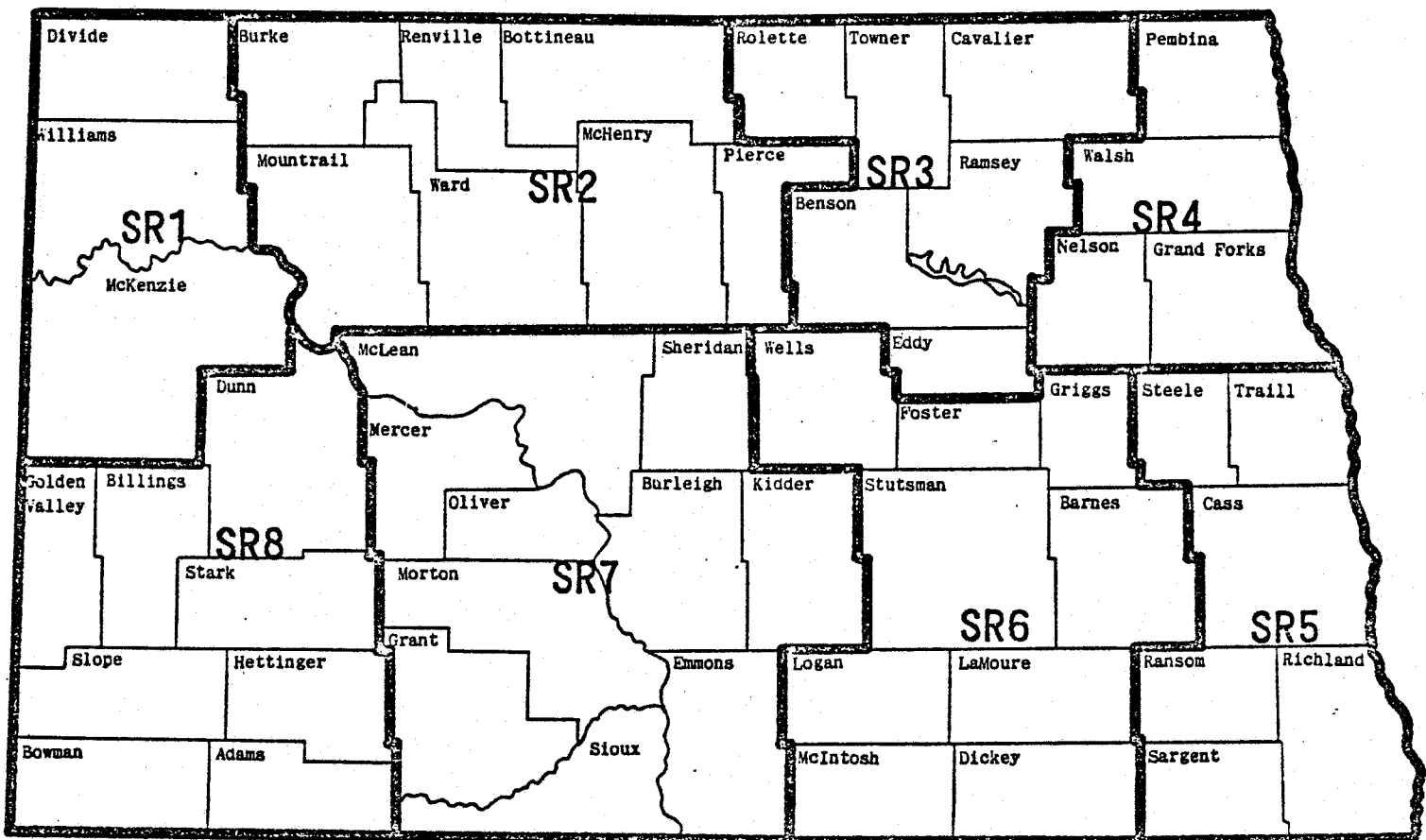


FIGURE 1: STATE PLANNING REGIONS IN NORTH DAKOTA

Participation data are available for certain activities, especially those for which a fee must be paid by the user. For example, annual license sales for hunting and fishing are available from the North Dakota Game and Fish Department. Owners of snowmobiles must register their machines, giving a rough estimate of participation in that activity. Visitations to selected state and national parks and campgrounds are recorded, and similar data are gathered for private campgrounds although they are not readily accessible. Several problems exist in using available participation data. First, information on the number of days of participation may not be recorded. Second, participants in some activities are not required to purchase licenses, depending on their age. Third, some licenses are issued on a family basis and the number of members included on the license may not be recorded. Fourth, purchase of a license does not necessarily imply use. And fifth, an ade-

quate baseline of data reflecting participation does not exist for some activities so that it is impossible to project demand. Finally, participation data for many activities are simply not available from secondary sources.

A need, therefore, exists to collect data on participation in outdoor recreation activities, including who participates, how often, and where. Furthermore, it is essential that data pertaining to the activities under consideration be collected and analyzed in a consistent manner to establish a high degree of reliability.

#### Sampling Procedure

A random sample of 18,000 households in North Dakota (9.9 percent sample) was surveyed to obtain information on who participates, how often, and where. Households were identified from the most recent telephone directories (January, 1979). A relatively large sample was needed because a mail questionnaire was to be used and a 15 to 20 percent response rate from two mailings. Also, it was important that a sufficient response be obtained from each state planning region to make inferences concerning current participation and to project future patterns. A similar study was conducted in 1975 by Phillips, et al. (5) and response rates to two questionnaires were 18 and 14 percent, respectively. A review of similar studies for other states suggests that the indicated response rates are quite typical for mail surveys.

#### Questionnaire Design and Data Collection

Two questionnaires were developed to collect information on participation in outdoor recreation activities.<sup>1</sup> The questionnaires were essentially the same -- one for fall and winter activities and one for spring and summer activities

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<sup>1</sup>The activities included in this study were selected by representatives of the North Dakota Parks and Recreation Department. In addition, those surveyed were asked to write in activities they participated in that were not listed specifically on the questionnaires.

(see Appendix A).<sup>2</sup> Each was designed to obtain information on a selected set of socioeconomic variables for each household and participation by each household member in 11 fall and winter activities in 1978-1979, and 20 spring and summer activities in 1979.<sup>3</sup> The socioeconomic variables included age and sex of each household member, total family income, residence (urban-rural), educational attainment, occupation, and number of days of paid vacation for the head of household. Each household member was classified on the basis of the socioeconomic information provided. Participation rates and average number of days<sup>4</sup> or times of participation were calculated for each socioeconomic class for each activity.

A cover letter, signed by Governor Arthur A. Link, accompanied each questionnaire. The cover letter and fall and winter questionnaire were pretested in April, 1979 in SR5 and SR6. The actual survey was conducted with two mailings of each questionnaire. The initial mailing of the fall and winter questionnaire was conducted on June 12, 1979, with a follow-up after three weeks. A total of 3,701 usable responses (20.6 percent response rate) was obtained -- 2,163 from the first mailing and 1,538 from the second. The first mailing of the spring and summer instrument occurred on September 14, 1979, and was also followed up in three weeks. Total usable responses were 2,870 (16 percent response rate) -- 1,194 from the first mailing and 1,676 from the second.

In both surveys the responses to the two mailings were tested for homogeneity with respect to days of participation. The analysis indicated that responses to the two mailings were homogeneous and respondents came from the same population.

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<sup>2</sup>The same sample was used for both questionnaires.

<sup>3</sup>Fall and winter activities were assumed to occur between September 1, 1978 and March 31, 1979. Spring and summer activities reflected the period from April 1 to August 31, 1979.

<sup>4</sup>Any part of a day in which participation occurred was counted as a day of participation.

A test to determine the validity of the sample is to compare selected characteristics of the respondents with similar data for the population. The Census of Population is one source of data on population characteristics. However, limited information is available during an intercensus year; therefore, data on socioeconomic characteristics must be interpolated or developed by other means. This was the case in this study for all variables considered. The distribution of characteristics for the sample is compared with those developed for the population, statewide, in Table 1. Possibly the most reliable comparisons are between the two age structures and residence which both indicate a representative sample. Comparisons between the other variables indicate some differences, but they may reflect the procedures and data bases used to develop population characteristics.

The participation data and information on household members were used to calculate the proportion of the population in each socioeconomic class participating in the activities for which specific information was requested on the questionnaires. This was done for each state planning region and for the state. The number of participants was relatively small for some activities and planning regions. This was most evident for activities that respondents added to the questionnaire (as they were requested to do). These included: sailing, canoeing, hiking, horseback riding, archery, trapshooting, soccer, and horseshoes for the spring and summer questionnaire. Care should be taken, therefore, in using the estimates of current participation, projections of future participation, and the average number of days for those activities that were written in by respondents. The response rate was sufficient for most other activities to conduct the statistical analysis.

#### Methods to Project Participation

Various approaches have been used to project participation in outdoor recreation. These include trend analysis, statistical projection techniques, and age/sex

TABLE 1. DISTRIBUTION OF SAMPLE AND POPULATION CHARACTERISTICS FOR SELECTED SOCIOECONOMIC VARIABLES, NORTH DAKOTA, 1978-1979

Variable and Class	Distribution of Responses, Sample		Distribution of Population
	Fall & Winter Questionnaire	Spring & Summer Questionnaire	
<u>Age</u>			
Less than 20	.3562	.3213	.3428
20 to 44	.3160	.2936	.3548
45 to 64	.2141	.2464	.1805
65 and over	.1136	.1386	.1220
<u>Education</u>			
0-8 years	.1666	.1846	.3184
9-11 years	.0529	.0701	.1066
12 years	.2809	.2784	.2972
13-15 years	.2412	.2351	.1409
16 years or more	.2583	.2318	.1369
<u>Weeks of Paid Vacation</u>			
0-1.9 weeks	.4785	.4930	.4201
2.0-2.9 weeks	.2105	.2205	.3417
3.0 weeks and over	.3110	.2865	.2383
<u>Occupation</u>			
Professional	.1564	.1379	.0790
Manager	.1478	.1438	.1229
Sales	.0571	.0699	.0391
Clerk	.0152	.0193	.0364
Craftsman	.0996	.1066	.1293
Operative	.0410	.0379	.0845
Laborer	.0745	.0765	.0350
Farmer	.2303	.2329	.2318
Services	.0633	.0500	.0538
Other	.1147	.1251	.1882
<u>Income</u>			
Less than \$5,000	.0417	.0594	.0183
\$5,000 to \$9,999	.1005	.1163	.1513
\$10,000 to \$14,999	.1642	.1775	.1862
\$15,000 to \$24,999	.3788	.3626	.3993
\$25,000 and over	.3148	.2842	.2449
<u>Residence</u>			
Urban	.4543	.4297	.4581
Rural	.5457	.5703	.5419

cohort analysis. Each approach has its advantages and disadvantages, but in general, the "state-of-the-art" is still being developed. Trend analysis may be most appropriate for short-run projections, but time series data are not available for many activities, and therefore, the technique has limited application. Also, it does not explicitly take into account changing patterns of participation, and so long-run projections may be subject to considerable error.

Statistical techniques range from sophisticated econometric demand-supply models to methods involving computation of average (mean) participation rates and projections based on the variances of the observed distributions of participation. Such techniques have appeal for two reasons. First, confidence intervals and levels of significance can be placed on the estimates of the parameters of statistical models and the resulting projections. Second, such models are theoretically consistent. On the other hand, the data required to estimate these models may be unobtainable, either because of cost or because of the difficulty in measuring variables that underlie human behavior. In some studies, including this one, socioeconomic variables are used to explain and predict participation in outdoor recreation. Intuitively, such variables would seem to be important explanatory variables of recreation behavior. However, the degree of influence of these variables and their ability to explain participation rates varies across activities. In any case, the validity of statistical techniques is enhanced when adequate and representative data bases are employed.

The age/sex cohort method has appeal for two reasons. First, both age and sex may be important factors in explaining recreation behavior. Second, projections of age/sex cohorts appear to be quite reliable. Therefore, linking projections of age/sex cohorts with participation rates may provide accurate estimates of future outdoor recreation participation, particularly when the projection period is not

too distant. The major drawback to this approach is that no allowance is made for changes in participation rates. Also, confidence intervals and tests of significance cannot be applied in the age/sex cohort approach.

The family life cycle concept may hold promise as an approach to projecting participation. The rationale underlying this approach is that a family has a particular age structure at a given point in time and this influences the types of activities participated in and the frequency of occurrence. In other words, a "young" family seeks certain types of recreation while members of an "older" family (with children no longer living at home) have other needs. This concept has been applied quite successfully in market research.

Two approaches were used in this study to project participation and average number of days of occurrence. A statistical approach developed by Phillips, et al. and used to project participation for the 1975 North Dakota SCORP (3) was replicated using data collected for 1978-1979. The age/sex cohort method was also used. Short-run projections of participation should be quite similar using either approach. Both methods were used so that comparisons of estimates could be made. Such comparisons may be useful in considering alternative approaches for projecting recreation behavior in future studies. There also was some concern on the part of the authors with respect to the reliability of some of the estimated equations that were developed using the statistical approach.

The statistical approach involved estimation of two equations for each activity at the planning region level and for the state. One equation was designed to predict the probability of participation; while the other equation was used to predict average number of days of participation. The explanatory variables in both equations included the socioeconomic variables identified earlier. Multiple Classification Analysis (MCA) was used to adjust the estimates of the parameters in both equations to reduce the effects of multicollinearity.

An implicit assumption underlying the approach used to collect participation data is that respondents can recall such information for events that may have occurred six months in the past. An alternative approach would be to maintain the same seasonal intervals but to contact various groups of the sample at different times during the interval and have them record their participation for the previous week. This approach has several strengths. First, a simpler questionnaire could be designed to obtain the necessary information. Second, a higher response rate may be obtained. Third, the quality of the data should be quite good since the recall period is relatively short; and fourth, it would be possible to identify peak periods of participation for selected activities. This approach may also lend itself to telephone interviews which would require a smaller sample size because relatively high response rates can be achieved.

Another approach is to conduct personal interviews of state residents, either at their home or at the site where participation occurs. Generally, sample size can be reduced and better data can be obtained. This approach would be very useful for activities that require specific facilities (e.g. camping), but inappropriate for other activities (e.g. upland game hunting). In addition, the cost can be prohibitive.

#### Survey Results of Recreation Participation

Individual survey results were aggregated by region and for the state to determine the percent of the population that participated in the 31 outdoor recreation activities and the length of participation in each activity. The proportion of the survey respondents who participated in specific outdoor recreation activities is listed in Table 2. For example, 7.97 percent of the respondents who resided in SR5 hunted big game in 1978-1979. Table 3 shows the mean number of days of partici-



TABLE 2. PERCENTAGE OF RESPONDENTS PARTICIPATING IN OUTDOOR RECREATION ACTIVITIES, BY REGION AND FOR THE STATE, 1978-1979

Activity	Region								State
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
Upland Game Hunting	23.42	17.28	10.11	6.54	12.12	10.54	16.16	12.85	12.86
Waterfowl Hunting	12.54	15.45	18.36	11.30	12.91	13.70	11.71	5.39	13.01
Big Game Hunting	11.26	11.26	7.87	6.72	7.97	8.02	9.06	7.46	8.57
Nongame Hunting	10.24	7.02	5.62	3.20	3.98	6.47	7.60	7.87	6.06
Ice Fishing	13.06	13.36	10.11	4.83	3.76	8.79	10.25	5.25	8.24
Cross-country Skiing	3.16	4.09	4.12	4.96	6.57	3.04	4.09	2.69	4.34
Downhill Skiing	3.58	7.28	7.24	3.44	1.18	2.13	2.00	.97	3.19
Snowmobiling	19.92	20.49	22.08	13.89	12.39	13.55	14.14	18.51	15.69
Sledding	26.88	11.69	10.59	14.35	12.54	10.54	15.34	18.65	13.71
Ice Skating	16.89	14.03	9.12	14.19	11.04	8.38	12.43	14.09	12.00
Hockey	.77	1.84	2.00	4.61	1.67	1.16	1.17	.41	1.78
Fishing	37.19	33.09	26.93	21.01	11.96	28.15	36.96	28.66	27.43
Powerboating/Waterskiing	9.45	17.21	20.20	7.47	3.34	10.57	17.51	10.59	12.16
Beach Swimming	18.28	13.25	15.07	9.58	6.67	12.33	16.39	11.13	12.98
Outdoor Pool Swimming	12.29	12.37	15.82	12.84	13.44	16.27	13.16	12.96	13.70
Picnicking	36.87	24.82	27.09	25.66	24.29	32.62	31.20	28.84	28.32
Camping	25.84	23.98	20.04	12.31	10.87	17.02	26.65	23.91	19.59
Visiting Historical Places	28.68	14.45	11.70	13.37	10.80	13.50	18.44	16.79	14.99
Bicycling	9.14	10.28	11.54	12.80	16.08	12.91	11.06	12.05	12.33
Baseball/Softball	11.97	9.44	6.73	7.65	13.99	11.15	10.48	5.29	10.10
Golf	13.24	6.68	8.98	4.16	12.32	9.06	7.13	5.48	8.78
Tennis	6.30	3.43	4.86	4.03	6.45	4.03	3.58	3.89	4.45
Jogging	3.15	3.26	1.92	3.46	5.73	4.11	4.70	4.56	4.13
Sailing	.63	1.34	1.12	0	.22	.42	1.74	.37	.82
Canoeing	2.21	1.09	.96	1.37	.29	1.59	.91	.37	1.00
Hiking	4.10	.58	.48	1.26	1.16	.59	1.60	1.83	1.21
Horseback Riding	2.52	2.59	1.44	1.68	2.25	2.35	2.96	1.83	2.32
Archery	1.25	.58	0	.21	.36	.34	.46	.91	.44
Trap Shooting	1.58	1.17	.32	2.42	1.45	.59	1.28	.18	1.18
Soccer	0	.25	0	0	.29	1.05	.06	0	.27
Horseshoes	1.58	.58	.64	.49	.65	1.26	1.51	1.10	.97

TABLE 3. AVERAGE NUMBER OF DAYS OF PARTICIPATION PER RESPONDENT BY REGION AND FOR THE STATE, 1978-1979

Activity	Region								State
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
Upland Game Hunting	5.51	6.97	4.26	3.65	5.67	5.50	5.87	7.15	5.86
Waterfowl Hunting	6.70	9.73	8.13	5.97	6.59	8.01	6.22	5.51	7.42
Big Game Hunting	4.36	4.43	4.12	4.98	5.01	4.70	3.80	3.89	4.44
Nongame Hunting	9.00	7.19	10.98	9.69	7.31	6.75	7.22	9.24	7.90
Ice Fishing	6.41	6.32	7.79	5.83	5.64	4.49	5.88	4.15	5.84
Cross-country Skiing	6.07	5.07	5.45	6.39	6.42	7.47	7.72	11.47	6.76
Downhill Skiing	1.93	4.65	5.07	4.70	2.95	4.94	3.56	3.71	4.37
Snowmobiling	11.86	12.40	14.77	9.91	10.83	7.77	10.81	14.35	11.39
Sledding	7.32	8.19	9.52	7.36	6.04	7.51	7.19	6.40	7.24
Ice Skating	10.14	7.21	12.43	12.69	9.12	8.05	6.12	7.01	8.67
Hockey	5.67	9.50	17.63	16.62	15.71	29.48	12.26	9.00	16.05
Fishing	6.27	8.27	5.18	4.47	6.48	6.22	7.13	6.35	6.65
Powerboating/Waterskiing	5.80	12.40	8.43	10.01	5.80	4.97	6.13	7.65	8.01
Beach Swimming	4.52	10.53	7.22	8.08	3.83	5.28	5.50	4.31	6.57
Outdoor Pool Swimming	13.67	11.53	15.08	12.47	14.96	11.41	12.24	12.98	12.89
Picnicking	3.38	3.86	3.39	3.69	2.75	3.53	4.10	3.46	3.59
Camping	5.60	7.54	5.61	5.62	4.66	4.85	5.95	5.68	5.89
Visiting Historical Places	2.58	2.56	1.90	2.07	2.04	2.44	2.83	2.26	2.43
Bicycling	12.59	27.63	36.15	24.59	23.94	18.67	24.76	22.55	24.50
Baseball/Softball	10.95	12.14	9.55	8.63	11.22	12.02	10.92	6.62	10.92
Golf	13.21	12.41	14.61	14.90	13.03	16.30	19.65	20.77	15.33
Tennis	7.05	13.22	6.29	11.96	12.43	9.10	11.02	19.05	11.33
Jogging	24.40	33.31	16.92	29.76	23.98	16.45	31.29	37.20	27.11
Sailing	6.00	10.75	7.14	0	1.00	1.00	9.70	2.00	8.26
Canoeing	1.43	2.23	3.67	2.00	2.00	11.32	2.22	2.00	4.38
Hiking	3.69	2.29	4.00	4.25	18.00	15.86	16.34	10.78	11.36
Horseback Riding	2.37	10.65	7.54	10.69	10.23	10.93	10.04	10.30	9.81
Archery	9.50	10.29	0	1.50	4.40	2.25	9.62	1.00	6.46
Trap Shooting	4.20	10.36	4.05	8.04	3.95	7.57	16.09	14.00	9.15
Soccer	0	10.67	0	0	8.75	17.78	36.00	0	17.88
Horseshoes	2.40	2.00	5.75	5.88	4.67	4.20	8.00	3.33	5.34

pation for those respondents who participated in each activity in 1978-1979. For example, those respondents who resided in SR5 and went big game hunting spent an average of 5.01 days participating in that activity.

Participation rates for hockey, sailing, canoeing, hiking, horseback riding, archery, trapshooting, soccer and horseshoes are noticeably lower than those of other activities. Lower participation rates for these activities (other than hockey) are due, at least in part, to the design of the survey instrument. These activities were not specifically identified on the questionnaires. Respondents were requested to identify any activities not on the questionnaire but which they participated in, list them and indicate participation rather than simply indicating their participation as had been requested for all other activities. Hockey was listed at the bottom of the fall and winter questionnaire so the low participation rate was apparently due to a lack of participation.

The figures contained in Tables 2 and 3 should not be construed to mean that a given percentage of the population participates in a specific activity or that the population participates, on the average, a given length of time in that activity. Rather, these figures indicate relative statistics for the respondents only, since the distribution of respondents may not coincide with the population. The calculations necessary to adjust the respondent data to conform to regional population distributions are presented on page 25.

Respondents were asked to indicate if the price of gasoline and the shortage or potential shortage of gasoline had affected their participation in outdoor recreation activities and the magnitude of the affect, if any. Approximately 63 percent of the respondents (statewide) indicated that the price of gas had affected their participation, while 37 percent indicated it had not (Table 4). Respondents in SR2 were most affected by the price of gas, while respondents in SR6 were least affected.

Approximately 54 percent of the respondents across the state indicated that the shortage of gas had affected their participation while the remaining 46 percent indicated it did not.

Information was also obtained on how the increase in the price of gas and the gas shortage affected participation in outdoor recreation activities. Over 82 percent of those who said they were affected, participated less often, while 15.5 percent indicated they participated the same but closer to home (Table 5).

It should be noted that questions concerning affects of the energy situation on participation were included only on the spring and summer questionnaire. Fall and winter survey data were collected before the gas shortage and just as energy costs began to increase. The data for the spring and summer questionnaire were collected during the gas shortage and as gasoline prices were escalating.

Plans for development of future projects associated with specific outdoor recreation activities should reflect the interregional flows (origin and destination) of participants. Respondents were asked to indicate the county in which they participated in each activity, the number of days of participation, and the number of trips associated with each activity. Interregional flows could be established with this information. However, many did not record the number of trips although they indicated the county and number of days of participation. This precluded an exact enumeration of interregional flows, but the information on county of participation was stratified at the regional level and used to examine choices made by respondents in selecting regions for participation.

An individual can participate in a specific activity in up to eight regions. Generally, he/she would not go to each, but may choose one or several regions over the course of a season. The choices of region(s) from region of residence for each activity are shown in Appendix Tables B-1 through B-31, and an example for fishing is provided in Table 6. The information provided in Table 6 can be interpreted as follows.<sup>5</sup>

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<sup>5</sup>Intpretation of Appendix Tables B-1 through B-31 is the same.

TABLE 4. PERCENT OF RESPONDENTS WHOSE PARTICIPATION IN OUTDOOR RECREATION WAS AFFECTED BY RISING GAS PRICES OR SHORTAGE OF GAS, 1978-1979

Region	Price of Gas		Gas Shortage	
	Yes	No	Yes	No
	-- percent of respondents --			
SR1	60.8	39.2	62.6	37.4
SR2	68.0	32.0	58.1	41.9
SR3	63.2	36.8	53.3	46.7
SR4	62.2	37.8	51.8	48.2
SR5	62.5	37.5	54.8	45.2
SR6	58.2	41.8	45.1	54.9
SR7	62.3	37.7	55.3	44.7
SR8	62.0	38.0	52.6	44.7
State	62.5	37.5	53.6	46.4

A total of 224 different regional choices were made by all respondents in SR5 who participated in fishing over the summer (row total for SR5). Of those, 100 reflected the choice of the home region (SR5) while 48 reflected SR6. The cumulative frequency of regional choices for SR5 (224) should not be interpreted as the total number of participants from that region. It reflects only regional choices, irrespective of the number of times of participation. A resident of SR5 who fished in SR4, SR5, and SR6 would be counted three times in the row totals. At one time or many times during the summer, he/she fished in each of three regions.

TABLE 5. CHANGE IN PARTICIPATION IN OUTDOOR RECREATION ACTIVITIES DUE TO PRICE INCREASE OR SHORT-AGE OF GASOLINE, 1978-1979

Change in Participation	Region								State
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
	----- percent of respondents -----								
50-100% Decrease	11.25	10.23	13.95	9.96	8.74	6.80	11.89	5.61	9.82
40-50% Decrease	16.25	21.59	17.83	14.48	14.56	16.80	15.68	13.08	16.41
30-40% Decrease	12.50	13.64	9.30	11.31	13.27	12.00	7.30	12.15	11.21
20-30% Decrease	17.50	10.61	14.73	17.65	15.86	13.20	18.11	12.15	15.14
10-20% Decrease	15.00	14.39	19.38	13.12	18.12	13.60	15.95	18.69	15.83
0-10% Decrease	11.25	10.61	10.08	13.58	14.56	16.00	11.08	14.95	12.83
The same but closer to home	13.75	16.29	10.85	15.84	12.30	18.80	15.95	19.63	15.48
0-10% Increase	0.00	0.00	0.00	1.36	.32	.40	.54	0.00	.40
10-20% Increase	0.00	0.00	0.00	0.00	.32	0.00	0.00	0.00	.06
20-30% Increase	0.00	.38	0.00	.45	.32	0.00	.54	0.00	.29
30-40% Increase	0.00	.38	.78	0.00	0.00	.40	.54	.94	.35
40-50% Increase	0.00	0.00	1.55	0.00	.32	.40	1.35	1.87	.64
50-100% Increase	2.50	1.89	1.55	2.26	1.29	1.60	1.08	.94	.56

TABLE 6  
 FLOWS OF RESPONDENTS PARTICIPATING IN FISHING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	106 4.07 75.71 63.10	27 1.04 19.29 6.57	1 0.04 0.71 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.23 4.29 3.37	140 5.38
SR2	10 0.38 2.09 5.95	287 11.02 60.04 69.83	25 0.96 5.23 6.96	1 0.04 0.21 0.72	4 0.15 0.84 2.94	4 0.15 0.84 1.07	146 5.61 30.54 17.36	1 0.04 0.21 0.56	1 0.04 0.21 0.56	478 18.36
SR3	5 0.19 2.78 2.98	14 0.54 7.78 3.41	148 5.68 82.22 41.23	5 0.19 2.78 3.62	0 0.00 0.00 0.00	6 0.23 3.33 1.61	0 0.00 0.00 0.00	2 0.08 1.11 1.12	2 0.08 1.11 1.12	180 6.91
SR4	1 0.04 0.37 0.60	7 0.27 2.57 1.70	95 3.65 34.93 26.46	117 4.49 43.01 84.78	19 0.73 6.99 13.97	26 1.00 9.56 6.97	4 0.15 1.47 0.48	3 0.12 1.10 1.69	3 0.12 1.10 1.69	272 10.45
SR5	5 0.19 2.23 2.98	4 0.15 1.79 0.97	25 0.96 11.16 6.96	6 0.23 2.68 4.35	100 <u>3.84</u> <u>44.64</u> <u>73.53</u>	48 1.84 21.43 12.87	25 0.96 11.16 2.97	11 0.42 4.91 6.18	11 0.42 4.91 6.18	224 8.60
SR6	5 0.19 1.28 2.98	20 0.77 5.10 4.87	36 1.38 9.18 10.03	2 0.08 0.51 1.45	9 0.35 2.30 6.62	274 10.52 69.90 73.46	29 1.11 7.40 3.45	17 0.65 4.34 9.55	17 0.65 4.34 9.55	392 15.05
SR7	4 0.15 0.56 2.38	43 1.65 5.97 10.46	28 1.08 3.89 7.80	7 0.27 0.97 5.07	4 0.15 0.56 2.94	13 0.50 1.81 3.49	603 23.16 83.75 71.70	18 0.69 2.50 10.11	18 0.69 2.50 10.11	720 27.65
SR8	32 1.23 16.16 19.05	9 0.35 4.55 2.19	1 0.04 0.51 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.08 1.01 0.54	34 1.31 17.17 4.04	120 4.61 60.61 67.42	120 4.61 60.61 67.42	198 7.60
TOTAL	168 6.45	411 15.78	359 13.79	138 5.30	136 5.22	373 14.32	841 32.30	178 6.84	178 6.84	2604 100.00

A total of 2,604 regional choices (total in lower right hand column) were made by respondents on a statewide basis. Of those 2,604 regional choices, 100 or 3.84 percent (second value in SR5, SR5 component of table) of all regional choices were to participate in fishing in SR5 by respondents in SR5.

Of all regional choices made by respondents in SR5 for fishing (224), 44.64 percent of the choices (third value in SR5, SR5 component of table) reflect participation in home region (SR5). SR5 was the regional choice in 136 of the 2,604 choices (total of SR5 column). One hundred of those choices (73.53 percent) were made by residents of SR5, 9 (6.22 percent) were made by residents of SR6, etc.

#### Statistical Projection Approach

This section contains a description of methods used to project estimates of socioeconomic variables, a description of the model used to project participation and the projection results.

#### Projection of Socioeconomic Characteristics

Population and six socioeconomic variables -- age, education, number of days of paid vacation, occupation, income, and residence were used to project participation rates of North Dakota residents for outdoor recreation activities at the state and planning region level (Appendix Tables C-1 through C-9). Total population by region was used to estimate age distributions, while the adult male population was used to estimate all other socioeconomic characteristics since projected participation rates were based on the head-of-household. The base year was 1978-1979 with projections developed for 1980, 1985, 1990 and 1995. The techniques used to project estimates for each variable are discussed below.

Population: State planning region population estimates for the years 1980, 1985, 1990 and 1995 were based on projections published by Ostenson and Murdock (4)(Table 7).



TABLE 7. POPULATION ESTIMATES BY PLANNING REGION, NORTH DAKOTA: 1978, 1980, 1985, 1990, 1995

State Planning Region	Year				
	1978	1980	1985	1990	1995
1	29,762	29,528	29,219	28,775	28,320
2	106,405	107,288	110,123	112,437	114,260
3	51,220	51,330	52,447	53,431	54,657
4	103,675	105,354	107,465	108,637	108,678
5	122,706	123,110	124,227	124,183	124,103
6	76,112	74,882	72,346	69,324	66,401
7	113,487	115,444	122,299	128,963	135,325
8	43,354	43,142	42,961	42,452	41,796
State	646,721	650,078	661,087	668,202	673,540

Source: Murdock, Steven H. and Thomas K. Ostenson, Population Projections By Age and Sex, 1975-2000, Agricultural Economics Statistical Series, Issue Nos. 23-30, North Dakota Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, August 1976.

Population estimates for 1978 were calculated on a regional basis using linear interpolation between the years 1975 and 1980. Three different migration rates corresponding with expected population shifts due to energy development and employment opportunities were used to project regional populations. A migration rate equal to the 1960-1970 rate was assumed for SR4, while a zero migration rate was used in SR7. A migration rate of one-half the 1960-1970 rate was assumed for all other regions. A uniform birth rate of 2.1 births per female was assumed in all population projections.

Age: The projected age distribution of the total population of each planning region was obtained from population statistics published by Ostenson and Murdock (4). The migration and birth rates were the same as for population. The age categories were less than 20 years of age, 20 to 44 years of age, 45 to 64 years of age and 65 years of age or greater.

Education: Educational distributions by class were projected on the basis of 1970 population characteristics, projected population characteristics and projections of educational attainment for the U.S. The classes included those with educational attainment of zero to eight years, nine to 11 years, 12 years, 13 to 15 years, and 16 years and over. It was assumed that trends projected to occur in the U.S. would also occur in North Dakota. Educational attainment of males 25 years of age and older by state planning region in 1970 was obtained from the Bureau of Census (9). Regional population estimates of males 25 years of age and older for the target years were obtained from Ostenson and Murdock (4). Educational attainment of males 25 years of age and older for the United States for 1980, 1985, and 1990 was obtained from the Bureau of Census (8).

Linear interpolation was used to estimate the educational distributions for 1978 and linear extrapolation for 1995. The projected educational distributions were adjusted to account for differences which existed within each educational category between the United States and each state planning region. The following formula was used to project educational distribution by class for each region:

$$M_j (R_x, Y_T) = \left[ \frac{M_j (R_x, 1970)}{\sum M_j (R_x, 1970)} \right] \left[ \frac{\frac{M_j (US, Y_T)}{\sum M_j (US, Y_T)}}{\frac{M_j (US, 1970)}{\sum M_j (US, 1970)}} \right] \left[ \sum M_j (R_x, Y_T) \right]$$

where:  $M_j$  = Number of males 25 years of age or older by class  
 $Y_T$  = Target year  
 $R_x$  = Region.

Occupation: Employment by occupation for North Dakota residents on a statewide basis for the base and target years was estimated using linear interpolation from projections obtained from the North Dakota Employment Security Bureau (2). Regional employment by occupation for 1970 for males 16 years of age and older was obtained from the Bureau of Census(9). The following formula was used to project regional employment by occupation:

$$E_{RX} (Oc, Y_T) = \left[ \frac{E_{RX} (Oc, 1970)}{E_S (Oc, 1970)} \right] \left[ E_S (Oc, Y_T) \right]$$

where:  $E_{RX}$  = Employment by region  
 $Oc$  = Occupation  
 $Y_T$  = Target year  
 $E_S$  = State employment.

An additional category was created to include retirees. The total number of females 65 years of age and older was used as the total number of retired heads of household since there were more females in the upper age category than males, and those additional females were considered heads of households.

Vacation: The average number of paid weeks of vacation by occupation for each target year was estimated on the basis of trends projected for the U.S. by the Outdoor Recreation Resources Review Commission (10) and occupation projections for each planning region. Trend analysis was used to estimate the average number of weeks of paid vacation by occupation for the United States for the target years. Projected regional employment by occupation was aggregated into the following classes of paid vacation: 0-1.9 weeks, 2.0-2.9 weeks, and 3.0 or greater weeks. Retired persons were included in the 0-1.9 weeks of paid vacation class since that they do not receive paid vacations.

A noticeable curtailment of recipients of 2.0-2.9 weeks of paid vacation occurs between 1978 and 1985 as numerous occupational classes move from that category into the 3.0 and greater weeks of paid vacation. Five of ten occupational categories in 1978 were included in the 2.0-2.9 weeks of paid vacation class, while in 1985, only one occupational category was included in that class.

Income: Income distributions for North Dakota families for 1950, 1960 and 1970 were obtained from Bureau of Census publications (6, 7, 9). The mean income and standard deviation were calculated for each of the three time periods and adjusted to real dollars with 1978 used as the base year.<sup>6</sup> Trend analysis was used to project the mean income and standard deviation for the target years. The percentage

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<sup>6</sup>The standard deviation of the income distributions for 1950 and 1960 was relatively constant, but increased for 1970. However, the coefficient of variation remained constant for all years which provided justification for using this approach.

of families in each income category of a specific target year was estimated using a cumulative normal distribution table and multiplied by the total number of families in each region to obtain the number of families in each income category.

Residence: Residence of the male population 20 years of age and older for the target years was based on the trend that occurred between 1910 and 1970. Urban population was defined as those living within a city of 2,500 or more while rural population contained all males not residing in an urban area. The following formulas were used to determine the residence of the adult male population:

$$U_m = \left[ P_T (R_x, Y_T) \right] \left[ \frac{P_u (R_x, 1970)}{P_T (R_x, 1970)} \right] \left[ \frac{\% P_{ue} (R_x, Y_T)}{\% P_u (R_x, 1970)} \right] \left[ \frac{P_m (R_x, Y_T)}{P_T (R_x, Y_T)} \right]$$

$$R_m = \left[ P_T (R_x, Y_T) \right] \left[ \frac{P_R (R_x, 1970)}{P_T (R_x, 1970)} \right] \left[ \frac{\% P_{RE} (R_x, Y_T)}{\% P_R (R_x, 1970)} \right] \left[ \frac{P_m (R_x, Y_T)}{P_T (R_x, Y_T)} \right]$$

where:  $U_m$  = Adult male urban residence

$R_m$  = Adult male rural residence

$P_T$  = Total population

$R_x$  = Region

$Y_T$  = Target year

$P_u$  = Urban population

$P_R$  = Rural Population

$P_{ue}$  = Estimated urban population

$P_{RE}$  = Estimated rural population

$P_m$  = Male population 20 years of age or older

### Projection Model

Projections of participation in outdoor recreation activities and the number of days participated in each activity were developed using regression analysis and multiple classification analysis (MCA). The method used to project participation rates and the number of days participated in each recreation activity was similar to that used by Phillips, et al. (5) to project participation for North Dakota in 1975.

The underlying assumption of the projection model is that socioeconomic variables can be used to explain participation and the number of days participated in outdoor recreation activities. The six socioeconomic variables included in the study were the same six variables used by Phillips, et al. (5).

An additional assumption is that the relationship between the socioeconomic variables and the participation rate or the number of days of participation will be the same over time. Therefore, the change in participation rates and the number of days of participation in each outdoor recreation activity can be projected for the target years (1980, 1985, 1990 and 1995) by the change in the six socioeconomic variables.

Numerous computations were required to arrive at the projected changes in participation in outdoor recreation activities for the target years. The following is a detailed description of the computations used to project changes in participation. Tables 8 and 9, included as reference guides, contain the calculations to determine the increase or decrease in the proportion of the population participating and the number of days of participation, respectively, for big game hunting in North Dakota for each target year. The same computations are required for each activity at either the state or planning region level.

Proportion of Population Participating (Table 8).

Distribution of Responses, Sample: This column indicates the percentage of respondents who returned the questionnaire by variable and class. For example,  $\frac{\text{No. of responses} < 20 \text{ years of age}}{\text{Total no. of responses}} = .3562$ . These values are the same for all activities and add to approximately 100% for each socioeconomic variable. (Values may not add to 100% due to rounding error.)

Proportion of Class Participating, 1978: The proportion of the class participating represents the proportion of respondents who participated in a particular outdoor recreation activity for each respective class for the six socioeconomic variables.

Distribution of Participants, Population: This column represents the weighted value of the expected percentage of respondents for each class based on the 1978 population distribution and the proportion of each class which actually participated from the sample. For example,

$$\begin{aligned} A &= \text{Prop. of class part. 1978} < 20 \times \text{1978 pop. dist.} < 20 \\ B &= \text{Prop. of class part. 1978} 20-44 \times \text{1978 pop. dist.} 20-44 \\ C &= \text{Prop. of class part. 1978} 45-64 \times \text{1978 pop. dist.} 45-64 \\ D &= \text{Prop. of class part. 1978} \geq 65 \times \text{1978 pop. dist.} \geq 65 \\ E &= A + B + C + D \end{aligned}$$

$$\begin{aligned} A/E &= \text{Dist. of participants population} < 20 \\ B/E &= \text{Dist. of participants population} 20-44 \\ C/E &= \text{Dist. of participants population} 45-64 \\ D/E &= \text{Dist. of participants population} \geq 65. \end{aligned}$$

Grand Mean: The mean of the summed participation rates for each variable is the grand mean. That is,

$$\text{Variable mean} = \frac{\sum \text{Dist. of part., population}}{\sum \text{Dist. of response, sample}}$$

$$\text{Grand mean} = \frac{\sum \text{Variable mean}}{6}$$

TABLE 8: DETERMINATION OF NET/GROSS ADJUSTMENT FACTORS FOR SPECIFIC OUTDOOR RECREATION ACTIVITIES IN NORTH DAKOTA  
(PROPORTION OF POPULATION PARTICIPATING)

ACTIVITY: BIG GAME HUNTING

GRAND MEAN: 8.57%

REGION: STATE

VARIABLE	CLASS	DISTRIB. OF RESPONSES SAMPLE	DISTRIB. OF PARTICIPANTS POPULATION	DEVIATIONS FROM GRAND MEAN	MCA COEFFICIENTS	PROPORTION OF CLASS PARTIC.	DISTRIB. OF POPULATION 1978	DISTRIB. OF POPULATION 1978	DISTRIB. OF POPULATION 1980	GROSS CHANGE IN PARTIC. 1978-1980	ADJ. FACTOR	NET CHANGE DUE TO THIS VARIABLE
<u>AGE</u>												
	LESS THAN 20	0.3562	0.1388	-0.0502	-0.0814	0.0355	0.3428	0.3285				
	20 TO 44	0.3160	0.6033	0.0633	0.0322	0.1450	0.3548	0.3732				
	45 TO 64	0.2141	0.2060	0.0144	-0.0114	0.1000	0.1805	0.1759				
	65 AND OVER	0.1136	0.0520	-0.0483	-0.0571	0.0374	0.1220	0.1223	0.020562	0.7653	0.015735	
<u>EDUCATION</u>												
	0 - 8 YEARS	0.1666	0.2845	-0.0110	-0.0060	0.0747	0.3184	0.2927				
	9 - 11 YEARS	0.0529	0.0864	-0.0179	-0.0237	0.0678	0.1066	0.1048				
	12 YEARS	0.2809	0.3415	0.0104	0.0020	0.0961	0.2972	0.3074				
	13 - 15 YEARS	0.2412	0.1587	0.0085	0.0029	0.0941	0.1406	0.1437				
	16 YEARS OR MORE	0.2583	0.1288	-0.0070	0.0020	0.0786	0.1369	0.1464	0.005006	0.5361	0.002684	
<u>WEEKS OF PAID VACATION</u>												
	0 - 1.9 WEEKS	0.4785	0.3524	-0.0122	-0.0138	0.0735	0.4201	0.4125				
	2.0 - 2.9 WEEKS	0.2105	0.3935	0.0152	0.0076	0.1008	0.3417	0.2154				
	3.0 WEEKS & OVER	0.3110	0.2540	0.0077	0.0112	0.0934	0.2383	0.3721	-0.009074	1.0076	.	
<u>OCCUPATION</u>												
	PROFESSIONAL	0.1564	0.0650	-0.0158	-0.0216	0.0659	0.0790	0.0790				
	MANAGER	0.1478	0.1148	-0.0063	-0.0137	0.0794	0.1224	0.1244				
	SALES	0.0571	0.0392	-0.0095	-0.0066	0.0652	0.0391	0.0398				
	CLERK	0.0152	0.0168	-0.0065	-0.0620	0.0392	0.0364	0.0372				
	CRAFTSMAN	0.0996	0.1944	0.0421	0.0377	0.1277	0.1293	0.1314				
	OPERATIVE	0.0410	0.1012	0.0160	0.0106	0.1017	0.0845	0.0860				
	LABORER	0.0745	0.0412	0.0143	0.0076	0.1000	0.0350	0.0351				
	FARMER	0.2303	0.2721	0.0140	0.0053	0.0997	0.2318	0.2241				
	SERVICES	0.0633	0.0517	-0.0040	-0.0130	0.0616	0.0538	0.0546				
	OTHER	0.1147	0.1037	-0.0389	-0.0199	0.0466	0.1882	0.1884	-0.000651	0.7823	-0.000509	
<u>INCOME</u>												
	LESS THAN \$5,000	0.0417	0.0117	-0.0312	0.0050	0.0545	0.0183	0.0182				
	\$5,000 TO \$9,999	0.1005	0.1238	-0.0159	0.0051	0.0697	0.1513	0.1270				
	\$10,000 TO \$14,999	0.1642	0.1930	-0.0033	-0.0075	0.0824	0.1882	0.1321				
	\$15,000 TO \$24,999	0.3788	0.4322	0.0066	0.0020	0.0923	0.3993	0.3731				
	\$25,000 & OVER	0.3148	0.2523	0.0021	-0.0007	0.0878	0.2449	0.2996	0.004078	0.4814	0.001963	
<u>RESIDENCE</u>												
	URBAN	0.4543	0.3914	-0.0124	-0.0155	0.0733	0.4581	0.4706				
	RURAL	0.5457	0.6086	0.0106	0.0098	0.0963	0.5419	0.5294	-0.003354	1.0827	.	



TABLE 9: DETERMINATION OF NET/GROSS ADJUSTMENT FACTORS FOR SPECIFIC OUTDOOR RECREATION ACTIVITIES IN NORTH DAKOTA (PARTICIPATION RATE)

ACTIVITY: BIG GAME HUNTING

GRAND MEAN: 4.44 DAYS

REGION: STATE

VARIABLE	CLASS	DISTRIB. OF PARTICIPANTS		PARTIC. RATE	DEVIATIONS FROM GRAND MEAN		MCA COEFFICIENTS	PROPORTION OF DISTRIB. OF CLASS PARTIC.			GROSS CHANGE IN PART. RATE 1978-1980	NET CHANGE DUE TO THIS VARIABLE
		SAMPLE	POP.		1978	1978		1980	ADJ. FACTOR			
<b>AGE</b>												
	LESS THAN 20	0.1480	0.1388	3.87	-0.5692	-0.5450	0.0355	0.1388	0.1303			
	20 TO 44	0.5814	0.6033	4.82	-0.3808	0.3974	0.1490	0.6033	0.6218			
	45 TO 64	0.2509	0.2060	3.95	-0.4892	-0.4978	0.1000	0.2060	0.1968			
	65 AND OVER	0.0497	0.0520	4.35	-0.0892	-0.2747	0.0374	0.0520	0.0511	0.003676	1.0464	.
<b>EDUCATION</b>												
	0 - 8 YEARS	0.1447	0.2845	3.98	-0.4592	-0.2440	0.0747	0.2845	0.2603			
	9 - 11 YEARS	0.0417	0.0864	3.94	-0.4992	-0.4826	0.0678	0.0864	0.0846			
	12 YEARS	0.3137	0.3415	4.46	-0.0208	0.0322	0.0961	0.3415	0.3514			
	13 - 15 YEARS	0.2639	0.1587	4.07	0.2308	0.2267	0.0941	0.1587	0.1666			
	16 YEARS OR MORE	0.2361	0.1288	4.52	0.0808	-0.0615	0.0786	0.1288	0.1370	0.003418	0.6267	0.002122
<b>WEEKS OF PAID VACATION</b>												
	0 - 1.9 WEEKS	0.4116	0.3524	4.35	-0.0892	-0.1107	0.0735	0.3524	0.3493			
	2.0 - 2.9 WEEKS	0.2486	0.3935	4.07	-0.3692	-0.3993	0.1008	0.3935	0.2503			
	3.0 WEEKS & OVER	0.3399	0.2540	4.82	0.3808	0.4261	0.0934	0.2540	0.4004	0.024981	1.0584	.
<b>OCCUPATION</b>												
	PROFESSIONAL	0.1272	0.0650	4.73	0.2908	0.2065	0.0699	0.0650	0.0650			
	MANAGER	0.1364	0.1148	4.06	-0.3692	-0.5549	0.0794	0.1148	0.1163			
	SALES	0.0566	0.0392	4.04	-0.3992	-0.6263	0.0852	0.0392	0.0399			
	CLERK	0.0069	0.0168	3.00	-1.4392	-1.6237	0.0392	0.0168	0.0172			
	CRAFTSMAN	0.1480	0.1944	4.45	-0.0108	-0.0671	0.1277	0.1944	0.1978			
	OPERATIVE	0.0486	0.1012	4.07	-0.3692	-0.3866	0.1017	0.1012	0.1030			
	LABORER	0.0367	0.0412	4.00	0.1608	0.1302	0.1000	0.0412	0.0413			
	FARMER	0.2671	0.2721	4.25	-0.1892	-0.6088	0.0997	0.2721	0.2631			
	SERVICES	0.0601	0.0517	5.85	1.4108	1.0342	0.0816	0.0517	0.0529			
	OTHER	0.0624	0.1037	4.63	0.1508	0.6609	0.0468	0.1037	0.1039	0.000193	1.0319	.
<b>INCOME</b>												
	LESS THAN \$5,000	0.0266	0.0117	3.70	-0.7392	-0.9878	0.0545	0.0117	0.0116			
	\$5,000 TO \$9,999	0.0821	0.1238	4.59	0.1508	0.3256	0.0657	0.1238	0.1035			
	\$10,000 TO \$14,999	0.1584	0.1800	4.24	-0.1992	-0.2415	0.0824	0.1800	0.1753			
	\$15,000 TO \$24,999	0.4092	0.4322	4.65	0.2508	0.1937	0.0923	0.4322	0.4022			
	\$25,000 & OVER	0.3237	0.2523	4.24	-0.1992	-0.1280	0.0878	0.2523	0.3074	-0.004594	1.1021	.
<b>RESIDENCE</b>												
	URBAN	0.3877	0.3914	4.54	0.1008	0.0167	0.0733	0.3914	0.4034			
	RURAL	0.6123	0.6086	4.38	-0.0592	-0.0105	0.0963	0.6086	0.5966	0.000433	0.1685	0.000073

Deviation from the Grand Mean: The difference between the proportion of the class participating and the grand mean equals the deviation from the grand mean.

MCA Coefficient: Regression analysis was used to estimate the proportion of the class participating and days of participation. In other words, two equations were estimated, one for proportion of class participating (participation) and one for days of participation. The dependent variable for participation was coded as a one for each participant and a zero for each nonparticipant. In the second equation, the dependent variable was actual days of participation for each activity. Each class for the six socioeconomic variables represents a dummy variable that is coded as a one if it represents the participant's socioeconomic characteristic and a zero, if otherwise. The form of the regression equation is as follows:

$$Y_{gh} = \mu + \sum_{i=1}^4 a_i A_i + \sum_{j=1}^2 b_j R_j + \sum_{k=1}^{10} c_k O_k + \sum_{l=1}^3 d_l V_l + \sum_{m=1}^5 e_m E_m + \sum_{n=1}^5 f_n I_n + e_g$$

where  $Y_{gh}$  = dependent variable (participation data: 0,1 for participation; otherwise days of participation);  $g$  represents an observation and the total number of observations depend on sample size and activity;  $h$  represents activity.

$A_i$ = Age class	$A_1$ = Under 20 years
	$A_2$ = 20 to 44 years
	$A_3$ = 45 to 64 years
	$A_4$ = 65 and over
$R_j$ = Residence class	$R_1$ = Urban
	$R_2$ = Rural

$O_k$  = Occupation class

$O_1$  = Professional, technical

$O_2$  = Manager, official

$O_3$  = Clerical

$O_4$  = Craftsman

$O_5$  = Sales

$O_6$  = Laborer

$O_7$  = Service

$O_8$  = Farmer, rancher

$O_9$  = Operative

$O_{10}$  = Other

$V_1$  = Paid vacation class

$V_1$  = 0 to 1.9 weeks

$V_2$  = 2.0 to 2.9 weeks

$V_3$  = 3.0 weeks and over

$E_m$  = Education class

$E_1$  = 0-8 years

$E_2$  = 9-11 years

$E_3$  = 12 years

$E_4$  = 13-15 years

$E_5$  = 16 years and over

$I_n$  = Income class

$I_1$  = Less than \$5,000

$I_2$  = \$5,000 to \$9,999

$I_3$  = \$10,000 to \$14,999

$I_4$  = \$15,000 to \$24,999

$I_5$  = \$25,000 and over

$a_i, b_j, \dots, f_n$  = regression coefficients of independent variables

$u$  = constant associated with the regression

$e_h$  = residuals associated with the regression.

The following classes were dropped to eliminate a singular matrix: under 20 years of age ( $A_1$ ), urban residence ( $R_1$ ), other occupation ( $O_{10}$ ), 0 to 1.9 weeks of paid vacation ( $V_1$ ), 0 to 8 years of education ( $E_1$ ), and less than \$5,000 of income ( $I_1$ ).

The regression coefficients may overstate or understate the actual effects on participation because of multicollinearity between the six socioeconomic variables. Multiple Classification Analysis (MCA), a form of regression analysis, was used to remove the multicollinearity effects. (See Andrews, et al. (1) for a discussion of the MCA procedure and the relationship between an MCA coefficient and a dummy variable regression coefficient.) The MCA coefficients are defined as the actual effects on participation for the respective socioeconomic classes.

**Distribution of Population:** The distribution of population is the proportion of the population for the state or specific region belonging to each class of each variable.

**Gross Change in Participation Rate:** The gross change in participation expected over time for a specific socioeconomic characteristic is the gross change in participation rate. The following formula was used to estimate the gross change:

$$\text{Gross change} = \frac{[\sum CP (1978) \times P_D (Y_T) - \sum CP (1978) \times P_D (1978)]}{[\sum CP (1978) \times P_D (1978)]}$$

where CP = Proportion of class participating

$P_D$  = Distribution of population

$Y_T$  = Target year.

Adjustment Factor: The adjustment factor is used to remove multicollinearity among the socioeconomic characteristics; it is the proportion of the gross change in participation actually attributable to the respective socioeconomic characteristic. The following formula was used to calculate the adjustment factor:

$$\text{Adjustment factor} = \sqrt{\frac{[\sum (a_j)^2 \times p_j]}{[\sum (D_j)^2 \times P_j]}}$$

where:  $a_j$  = MCA coefficient

$p_j$  = Distribution of participants, sample

$D_j$  = Deviation from grand mean

$P_j$  = Distribution of participants, population

Net Change: The net change in participation for each socioeconomic characteristic is the gross change times the adjustment factor. If the adjustment factor is greater than one, the gross/net adjustment factor is defined as an unstable relationship and no net change is recorded for that socioeconomic variable. The respective net effects can be added to obtain an estimate of the total effect for each target year since the net effect is the true effect of each socioeconomic variable on participation. The total net effect is the projected estimate of the increase or decrease in the participation rate for the target year.

Number of Days of Participation (Table 9).

(Unless otherwise specified all categories are calculated the same as in Table 8.)

Distribution of Participants, Sample: This column indicates the percentage distribution of participants for the specific activity by class and adds to approximately 100% for each socioeconomic variable. This distribution changes for each activity and each socioeconomic characteristic.

Participation Rate: The participation rate is the average number of days of participation by activity in each class for each socioeconomic characteristic.

Distribution of Participants, Population, for Target Year: This column was calculated using the following formula:

$$P_p (Y_T) = \frac{[CP (1978) \times P_D (Y_T)]}{[\sum CP (1978) \times P_D (Y_T)]}$$

where:  $P_p$  = Distribution of participants, population

CP = Proportion of class participating

$P_D$  = Distribution of population

$Y_T$  = Target year.

Gross Change in Participation Rate: The following formula was used in computing the gross change in participation rate:

$$\text{Gross change} = \frac{[\sum P_R \times P_p (Y_T)] - [\sum P_R \times P_p (1978)]}{[\sum P_R \times P_p (Y_T)]}$$

where:  $P_R$  = Participation rate

$P_p$  = Distribution of participation, population

$Y_T$  = Target year.

The gross change in the participation rate (days participated) times the respective adjustment factor provides the net effect in

the number of days participated. The net effects are added to obtain an estimate of the increase or decrease in the number of days participated for each target year.

The summed net effect for the participation rate times the population for the target year provides an estimate of the total number of participants for a specific outdoor recreation activity in a given region. The number of participants times the summed net effect of the number of days participated provides an estimate of the number of participant days for the population for a specific recreation activity. The following formulas were used in the computations:

$$\text{No. of part. (Y}_T\text{)} = \text{Population (Y}_T\text{)} \times \text{Participation rate (Y}_T\text{)}$$

$$P_D \text{ (Y}_T\text{)} = \text{No. of part. (Y}_T\text{)} \times \text{No. of days part. (Y}_T\text{)}$$

where:  $Y_T$  = Target year.

$P_D$  = Number of days of participation, population.

### Projection Results

Participation in 11 fall and winter activities and 20 spring and summer activities was projected for the target years (1980, 1985, 1990 and 1995) for residents in each region and the state. The total number of participants and total number of days of participation by activity were projected to increase for all activities at the state level (Appendix Table D-1 through D-62). However, participation is projected to decline in several activities on a regional basis.

The odd numbered tables in Appendix D indicate actual 1978-1979 participation and projected participation by activity at the regional and state level while the even numbered tables show the average and total number of days of participation. Tables 10 and 11 are examples of those found in Appendix D. The column entitled "Percent of Population Participating" in Table 10 indicates the percent of population in a given region that participates in big game hunting (i.e., 11.90 percent

TABLE 10  
PARTICIPATION ESTIMATES FOR BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	11.26	11.27	11.02	10.88	11.51	3351	3328	3221	3132	3260	-0.69	-3.88	-6.56	-2.73
SR2	11.26	11.24	11.63	11.80	11.90	11981	12058	12807	13272	13599	0.64	6.89	10.77	13.50
SR3	7.87	7.90	7.89	7.61	7.47	4031	4056	4136	4064	4081	0.63	2.60	0.82	1.25
SR4	6.72	6.82	6.94	6.89	6.90	6567	7184	7459	7483	7497	3.11	7.07	7.41	7.60
SR5	7.97	8.18	8.55	8.77	8.92	9780	10076	10618	10896	11072	3.03	8.57	11.42	13.21
SR6	8.02	8.34	9.25	9.58	9.97	6104	6247	6689	6641	6618	2.34	9.58	8.79	8.41
SR7	9.06	8.68	9.56	9.59	9.66	10282	10024	11691	12371	13073	-2.51	13.70	20.32	27.15
SR8	7.46	7.75	8.09	8.93	9.29	3234	3342	3474	3793	3884	3.32	7.43	17.27	20.09
STATE	8.57	8.74	8.99	9.13	9.20	55424	56820	59454	60976	61988	2.52	7.27	10.02	11.84

TABLE 11  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	4.36	4.12	3.69	3.68	3.59	14611	13719	11876	11515	11692	-6.11	-18.72	-21.19	-19.96
SR2	4.43	4.41	4.69	4.69	4.71	53077	53191	60097	62240	64051	0.22	13.23	17.26	20.68
SR3	4.12	4.13	4.14	4.15	4.15	16608	16769	17135	16848	16951	0.97	3.17	1.45	2.07
SR4	4.98	5.00	5.03	5.08	5.11	34695	35890	37518	38003	38293	3.44	8.14	9.53	10.37
SR5	5.01	4.91	4.85	4.72	4.59	48996	49500	51524	51417	50872	1.03	5.16	4.94	3.83
SR6	4.70	4.71	4.72	4.70	4.70	28690	29425	31556	31211	31104	2.56	9.99	8.79	8.41
SR7	3.80	3.87	4.53	4.64	4.82	39071	38796	52995	57395	62973	-0.70	35.64	46.90	61.17
SR8	3.89	4.17	4.54	4.66	4.83	12581	13927	15766	17684	18764	10.70	25.31	40.56	49.14
STATE	4.44	4.45	4.47	4.50	4.52	246081	252837	265982	274387	280401	2.75	8.09	11.50	13.95



of the population in SR2 will participate in big game hunting in 1995). "Total Number of Participants" was calculated by multiplying the percent of population participating times the population for that region (for example, in 1995, 13,599 individuals residing in SR2 will participate in big game hunting). The "Percent Change in Number of Participants" indicates the net change in the number of participants between the base year (1978-1979) and the target year (i.e., there will be 13.50 percent more big game hunters in SR2 in 1995 than there were in 1978-1979).

The average number of days of participation by big game hunters will increase slightly, from 4.43 days in 1978 to 4.71 in 1995 in SR2 (Table 11). Total days of big game hunting by residents in SR2 (total number of participants in 1978 from Table 10 times average number of days participated in 1978 from Table 11) will increase from 53,077 days in 1978 to 64,051 days in 1995. The "Percent Change in Total Days" indicates the percent change in total days participated between the target year and the base year (i.e., total number of days of participation in big game hunting by residents in SR2 is expected to increase 20.68 percent between 1978 and 1995).

It should be noted that regional totals are not additive to state totals; that is, the addition of regional columns will not result in the state total. Regression analysis and the resulting projections were developed for each region and the state. Since the regression analysis for the state yielded coefficients different than those of the mean for the summed regions, the state projections will yield something other than the summed regional projections.

Survey data for several activities can be compared with other data bases to judge the accuracy of estimates of current participation. Hunting and fishing license sales were compared with participation estimates developed from the survey data (Table 12). The survey estimates in all cases are greater than license sales. Numerous reasons may account for these differences. First, the survey responses may

TABLE 12. COMPARISON OF ACTUAL AND ESTIMATED NUMBER OF RESIDENT HUNTERS AND FISHERMEN IN NORTH DAKOTA, 1978-1979

Activity	Number of Licenses Sold*	Survey Results	Percent Difference
Big Game Hunting	37,645	55,424	47.22
Upland Game Hunting	60,615	83,168	37.21
Waterfowl Hunting	65,715	84,138	28.03
Nongame Hunting	31,164	39,191	25.76
Fishing	138,321	177,395	28.25

\* Source: Arlen Harmoning, North Dakota Game and Fish Department, Bismarck, North Dakota.

have been biased; participants in outdoor recreation activities may have been more apt to complete and return the questionnaire than nonparticipants. Second, participants may have completed the questionnaire as if it were a "normal" year although it was not. For example, some respondents may normally go deer hunting, but in 1978 they did not receive a license. However, they indicated participation because they normally hunt deer each year. Third, children may participate in these activities without a license if they have not attained the mandatory age for purchasing a license and fourth, only two people are counted on a family license when in fact there may be several family members participating.

An advantage of replicating the methodology for analysis and projection of participation in outdoor recreation is that changes occurring over time can be identified. Also, if similar data are collected at different points in time this provides an opportunity to establish a consistent time series data base.

Comparison of projections of participation by Phillips, et al. with projections in this study show that the percent of population participating in 1990 in

outdoor recreation activities were lower for all activities in this study (Table 13). However, the total number of days of participation was projected to be higher in 10 of 24 activities in this study.

#### Age/Sex Cohort Approach

An alternative method, the "age/sex cohort" method, was also used to project future participation in outdoor recreation activities for the target years. The age and sex distribution of the population was used to estimate changes in participation under this approach.

The underlying assumption of this method is that a person's age and sex can be used to explain participation and number of days of participation in outdoor recreation activities. An additional assumption is that the relationship between age/sex and the participation rate or number of days of participation will be the same over time. That is, as long as a person remains in the same age category his/her participation is not expected to change over time. Therefore, changes in participation rates and number of days of participation in each outdoor recreation activity can be projected for the target years (1980, 1985, 1990 and 1995) by the shifts in population from one age category to another and by changes in the size of the population.

Projections of population distributions by age and sex for each region and the state (4) were used in the analysis. The age categories for each sex were: less than 20 years of age, 20 to 44 years of age, 45 to 64 years of age and 65 years of age or greater (Appendix Tables E-1 through E-9). Migration and birth rates were the same as those used in the projections for the statistical approach.

TABLE 13. COMPARISON OF PROJECTIONS OF PARTICIPATION IN OUTDOOR RECREATION ACTIVITIES FOR 1990, NORTH DAKOTA

Activity	Phillips, et al.		Present Study		Percent Difference	
	Percent Participating	Number of Days	Percent Participating	Number of Days	Percent Participating	Number of Days
Overnight Camping	37.16	9.26	21.15	6.12	-43.08	-33.91
Hiking	15.52	5.95	1.79	10.95	-88.47	84.03
Fishing	36.69	7.86	29.26	6.39	-19.43	-18.70
Sailing	1.99	3.02	1.27	8.56	-36.18	183.44
Canoeing	5.31	4.06	1.31	4.38	-75.33	7.88
Beach Swimming	24.41	6.42	14.97	7.84	-38.67	22.12
Picnicking	72.80	4.83	30.17	3.61	-58.56	-25.26
Pool Swimming	35.67	17.43	15.00	13.42	-57.95	-23.01
Golf	19.68	15.45	10.92	16.79	-44.51	8.67
Tennis	13.11	12.70	5.71	13.15	-56.45	3.54
Horseback Riding	13.57	9.23	2.33	9.85	-82.83	6.72
Baseball/Softball	18.66	13.84	11.43	11.86	-38.75	-14.31
Bicycling	41.88	29.63	14.22	24.67	-66.05	-16.74
Archery	3.68	8.64	0.43	6.46	-88.68	-25.23
Visiting Historical Places	51.78	2.85	16.69	2.43	-67.77	-14.74
Upland Game Hunting	18.79	6.07	14.48	5.66	-22.94	-6.75
Waterfowl Hunting	17.97	7.60	15.08	7.35	-16.08	-3.29
Big Game Hunting	13.89	4.12	9.13	4.50	-34.27	9.22
Nongame Hunting	9.83	7.44	6.56	7.54	-33.27	1.34
Ice Fishing	9.27	6.51	8.54	5.64	-7.87	-13.36
Snowmobiling	23.66	8.91	15.72	11.64	-33.56	30.64
Sledding	19.86	7.97	15.43	6.66	-22.31	-16.44
Ice Skating	21.92	11.12	13.94	8.48	-36.41	-23.74
Hockey	3.17	30.85	2.31	16.88	-27.13	-45.28

The distribution of respondents within the sample was compared to the population distribution to determine the reliability of the sample data (Table 14). A t-test was used to compare the distributions, and indicated that no significant difference existed between the sample and population distributions.

#### Participation Projections

Appendix Tables F-1 through F-31 contain projections of the total number of participants and total number of days participated by activity at the regional and state level. Table 15, which contains participation estimates for big game hunting in 1995, is included to facilitate an understanding of how the projections were made. The "Distribution of Responses, Sample" contains the actual number of respondents by age and sex. The actual number of participants in big game hunting by age and sex are shown under "Distribution of Participants." The "Proportion of Class Participating" represents the proportion of respondents who participated in big game hunting in 1978-1979 by class and was calculated as follows:

$$\text{Prop. of class part. (1978-1979)} = \frac{\text{Dist. of participants (1978-79)}}{\text{Dist. of responses, sample (1978-79)}}$$

The total number of participants in the target year, in this case 1995, was calculated by multiplying the proportion of the class participating in 1978-1979 times the distribution of the population in the target year (i.e., .0607 X 108,616 = 6594 males less than 20 years of age participating in big game hunting in 1995).

The total number of days of participation in the target year was calculated by multiplying the mean days of participation in the specific activity times the total number of participants in the target year. For example, 4.10 mean days of participation in 1978 for males less than 20 years of age X 6,594 participants in 1995 equals 27,033 days of participation in big game hunting in 1995.

TABLE 14. DISTRIBUTION OF SAMPLE AND POPULATION BY AGE AND SEX, STATE, 1978-1979

Sex	Age	Distribution of Responses, Sample		Distribution of Population
		Fall & Winter Questionnaire	Spring & Summer Questionnaire	
Male	Less than 20	.3625	.3275	.3482
	20 to 44	.3116	.2930	.3653
	45 to 64	.2114	.2392	.1774
	65 and over	.1145	.1404	.1091
Female	Less than 20	.3477	.3119	.3365
	20 to 44	.3202	.2935	.3434
	45 to 64	.2185	.2565	.1831
	65 and over	.1136	.1381	.1370

Comparison of Statistical Projection and Age/Sex Cohort Approaches

Results of the statistical and age/sex cohort projection methods were compared to determine similarity (Appendix Tables G-1 through G-62). One would expect differences to occur, especially in the long run projections since the age/sex cohort method does not allow for changes in participation rates. However, if the margin of difference is relatively small, then consideration could be given to using the age/sex cohort approach in future studies of this type. The primary advantages of this method are that it is simpler and less costly to use.

Wide variances in the results occurred between the two methods, especially in the distant projections. These differences occurred primarily for two reasons. First, numerous recreation activities were projected based on a small number of observations. Second, as indicated above, the age/sex cohort approach is based only on changes in population by age and sex, while average number of days of participation and participation rates by class are held constant over time. Conversely, participation projections developed from the statistical approach were based on changes in population, age, education, occupation, vacation, income and residence.

TABLE 15. PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS, 1995.

Sex	Age	Distribution of Responses, Sample	Distribution of Participation	Distribution of Population 1995	Proportion of Class Participating 1978	Total Number of Participants, 1995	Mean Days of Participation 1978	Total Days Participated 1995
Male	Less than 20	1,845	112	108,616	.0607	6,594	4.10	27,033
	20 to 44	1,586	413	133,852	.2604	34,856	5.05	176,020
	45 to 64	1,076	198	60,971	.1840	11,220	4.10	46,000
	65 and over	583	43	33,513	.0738	2,472	4.35	10,752
	Total	5,090	766	336,952		55,140		259,806
Females	Less than 20	1,730	16	104,026	.0092	962	2.25	2,165
	20 to 44	1,593	62	125,703	.0389	4,892	3.35	16,389
	45 to 64	1,037	18	59,991	.0166	993	2.50	2,484
	65 and over	565	0	43,367	.0000	0	0.00	0
	Total	4,975	96	333,087		6,847		21,038

TABLE 16  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
IN BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	3351	3388	1.10	3328	3400	2.16	3221	3363	4.41	3132	3287	4.95	3260	3268	0.25
SR2	11981	12629	5.41	12058	12942	7.33	12807	13625	6.39	13272	14067	5.99	13599	14307	5.21
SR3	4031	3781	-6.20	4056	3856	-4.93	4136	3989	-3.55	4064	3989	-1.85	4081	3669	-10.10
SR4	6967	7856	12.76	7184	8174	13.78	7459	8501	13.97	7483	8685	16.06	7497	8678	15.75
SR5	9780	10186	4.15	10076	10419	3.40	10618	10804	1.75	10806	10845	-0.47	11072	10770	-2.73
SR6	6134	6315	3.46	6247	6355	1.73	6689	6266	-6.32	6641	6018	-9.38	6618	5795	-12.44
SR7	10282	9692	-5.74	10024	10081	0.57	11691	11033	-5.63	12371	11673	-5.64	13073	12399	-5.16
SR8	3234	3268	1.05	3342	3334	-0.24	3474	3385	-2.56	3793	3347	-11.76	3884	3287	-15.37
STATE	55424	57340	3.46	56820	58855	3.58	59454	61300	3.10	60976	62234	2.06	61988	61988	0.00

TABLE 17  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
IN BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	14611	14716	0.72	13719	14873	8.41	11876	14868	25.19	11515	14555	26.40	11692	14551	24.45
SR2	53077	56034	5.57	53191	57439	7.99	60097	60512	0.69	62240	62464	0.36	64051	63140	-1.42
SR3	16608	15647	-5.79	16769	15928	-4.66	17135	16577	-3.26	16848	16572	-1.64	16951	15136	-10.71
SR4	34895	41108	18.48	35850	43083	20.04	37518	45275	20.68	39003	46327	21.90	38293	44675	16.67
SR5	48996	52059	6.25	49500	53413	7.91	51524	55035	7.98	51417	55635	8.59	50872	55318	8.74
SR6	28690	30135	5.04	29425	30527	3.75	31556	30398	-3.70	31211	29330	-6.03	31104	28354	-8.84
SR7	39071	36862	-5.65	38796	38557	-0.62	52995	42617	-19.58	57395	45167	-21.30	62573	48230	-23.41
SR8	12531	12778	1.57	13927	13012	-6.57	15766	13212	-16.20	17684	13092	-25.97	18764	12866	-31.43
STATE	246081	258495	5.04	252937	256383	5.36	265982	279104	4.93	274387	283711	3.40	280401	280844	0.16



Expected changes in these variables will likely lead to greater participation in outdoor recreation by state residents, and so it is apparent that the age/sex cohort projections will be lower than those of the statistical approach.

The odd numbered tables in Appendix G show a comparison of the total number of participants projected by the two methods, while the even numbered tables show a comparison of the total number of days of participation. Tables 16 and 17 are examples of those found in Appendix G. The total number of big game hunters (using the statistical approach) was obtained from Appendix Table D-5, while total number of days was obtained from Appendix Table D-6. Corresponding values for the age/sex cohort approach were obtained from Appendix Table F-3. The percent difference for each target year is the difference between the projected number of participants or number of days of participation from the age/sex cohort approach and those from the statistical approach, divided by the value from the statistical approach.

#### Ranking of Popularity of Activities

The degree of importance of each activity by region and for the state was determined and ranked for the base and target years to facilitate a comparison between the projections of the statistical and age/sex cohort methods (Tables 18 through 26). The total number of days participation by activity was divided by population to determine the mean-days of participation for the population. For example, residents of SR1 participated 38,406 days in upland game hunting in 1978 using the statistical approach (Appendix Table D-2). The mean-days of participation in upland game hunting for the population in SR2 is 1.290 ( $38,406 \div 29,762$  persons, from Table 7). A high mean-day value for a specific activity would indicate that that activity was of more importance to the residents of that region than one with a lower mean-day value. This procedure was used because it gives an accurate indication of popularity for the selected activities by taking into account both the total number of participants and total number of days

TABLE 18: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SRI, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Snowmobiling	1 (2.363)	1 (2.311)	1 (2.751)	2 (2.287)	1 (2.974)	2 (2.262)	1 (3.382)	2 (2.284)	1 (4.205)	2 (2.294)
Fishing	2 (2.332)	2 (2.277)	2 (2.581)	1 (2.295)	2 (2.952)	1 (2.300)	2 (3.028)	1 (2.295)	2 (3.146)	1 (2.303)
Sledging	3 (1.968)	4 (1.843)	3 (1.988)	4 (1.808)	4 (2.011)	4 (1.804)	4 (2.058)	4 (1.859)	6 (1.962)	4 (1.876)
Golf	4 (1.749)	5 (1.698)	4 (1.892)	5 (1.701)	3 (2.129)	5 (1.690)	3 (2.348)	6 (1.684)	3 (2.580)	6 (1.684)
Ice Skating	5 (1.713)	6 (1.694)	5 (1.876)	6 (1.667)	5 (1.863)	6 (1.662)	5 (1.996)	5 (1.705)	5 (2.083)	5 (1.721)
Outdoor Pool										
Swimming	6 (1.680)	3 (2.091)	6 (1.708)	3 (2.043)	6 (1.821)	3 (2.032)	6 (1.973)	3 (2.097)	4 (2.095)	3 (2.114)
Camping	7 (1.447)	8 (1.450)	7 (1.522)	7 (1.456)	7 (1.632)	7 (1.457)	7 (1.703)	7 (1.463)	7 (1.787)	7 (1.478)
Baseball/Softball	8 (1.311)	7 (1.433)	8 (1.322)	8 (1.411)	9 (1.342)	8 (1.410)	8 (1.418)	8 (1.448)	8 (1.464)	8 (1.462)
Upland Game Hunting	9 (1.290)	11 (1.180)	9 (1.287)	11 (1.213)	10 (1.272)	11 (1.250)	11 (1.258)	11 (1.255)	11 (1.268)	11 (1.289)
Picnicking	10 (1.246)	9 (1.316)	10 (1.283)	9 (1.321)	8 (1.390)	9 (1.332)	9 (1.347)	10 (1.344)	9 (1.433)	10 (1.356)
Bicycling	11 (1.151)	10 (1.310)	11 (1.151)	10 (1.308)	11 (1.224)	10 (1.326)	10 (1.268)	9 (1.359)	10 (1.332)	9 (1.384)
Nongame Hunting	12 (0.922)	13 (0.925)	12 (0.930)	12 (0.947)	12 (0.937)	12 (0.966)	13 (0.929)	12 (0.964)	14 (0.931)	12 (0.986)
Waterfowl Hunting	13 (0.840)	15 (0.827)	16 (0.793)	15 (0.849)	16 (0.813)	15 (0.871)	18 (0.774)	15 (0.871)	18 (0.770)	14 (0.892)
Ice Fishing	14 (0.837)	14 (0.859)	13 (0.844)	14 (0.869)	14 (0.856)	14 (0.876)	16 (0.852)	14 (0.872)	17 (0.860)	15 (0.877)
Beach Swimming	15 (0.826)	12 (0.928)	14 (0.841)	13 (0.926)	13 (0.881)	13 (0.936)	12 (0.931)	13 (0.955)	12 (0.967)	13 (0.969)
Visiting Historical										
Places	16 (0.769)	16 (0.750)	17 (0.770)	17 (0.753)	17 (0.786)	17 (0.757)	14 (0.924)	17 (0.759)	13 (0.965)	17 (0.761)
Jogging	17 (0.769)	17 (0.722)	15 (0.800)	16 (0.754)	15 (0.849)	16 (0.786)	15 (0.865)	16 (0.785)	15 (0.892)	16 (0.302)
Powerboating/										
Waterskiing	18 (0.548)	18 (0.579)	18 (0.616)	18 (0.581)	18 (0.717)	18 (0.586)	17 (0.794)	18 (0.593)	16 (0.865)	18 (0.602)
Big Game Hunting	19 (0.491)	19 (0.494)	20 (0.465)	19 (0.504)	20 (0.406)	19 (0.509)	20 (0.400)	20 (0.506)	20 (0.413)	20 (0.514)
Tennis	20 (0.444)	20 (0.489)	19 (0.474)	20 (0.494)	19 (0.514)	20 (0.504)	19 (0.555)	19 (0.513)	19 (0.590)	19 (0.526)
Cross-Country Skiing	21 (0.192)	21 (0.220)	21 (0.189)	21 (0.228)	22 (0.132)	21 (0.236)	22 (0.181)	21 (0.232)	22 (0.177)	21 (0.226)
Hiking	22 (0.151)	23 (0.164)	22 (0.179)	23 (0.163)	21 (0.220)	23 (0.163)	21 (0.241)	23 (0.166)	21 (0.260)	23 (0.167)
Archery	23 (0.120)	22 (0.182)	23 (0.120)	22 (0.191)	24 (0.120)	22 (0.202)	24 (0.120)	22 (0.204)	24 (0.120)	22 (0.213)
Downhill Skiing	24 (0.069)	25 (0.066)	24 (0.096)	25 (0.066)	23 (0.013)	25 (0.067)	23 (0.139)	25 (0.069)	23 (0.149)	25 (0.070)
Trapshooting	25 (0.066)	24 (0.067)	25 (0.078)	24 (0.071)	25 (0.092)	24 (0.075)	25 (0.099)	24 (0.074)	25 (0.106)	24 (0.079)
Horseback Riding	26 (0.060)	28 (0.044)	26 (0.061)	29 (0.043)	26 (0.063)	28 (0.042)	26 (0.065)	29 (0.041)	26 (0.066)	29 (0.041)
Hockey	27 (0.044)	29 (0.043)	27 (0.041)	28 (0.045)	27 (0.044)	27 (0.047)	27 (0.045)	26 (0.047)	27 (0.047)	26 (0.049)
Sailing	28 (0.038)	26 (0.038)	28 (0.039)	26 (0.040)	28 (0.028)	26 (0.043)	28 (0.040)	27 (0.043)	30 (0.029)	27 (0.045)
Horseshoes	29 (0.038)	27 (0.036)	29 (0.035)	27 (0.038)	30 (0.025)	29 (0.040)	30 (0.028)	28 (0.041)	28 (0.045)	28 (0.041)
Canoeing	30 (0.032)	30 (0.032)	30 (0.031)	30 (0.033)	29 (0.033)	30 (0.034)	29 (0.033)	30 (0.034)	29 (0.034)	30 (0.034)
Soccer	b b	b b	b b	b b	b b	b b	b b	b b	b b	b b

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

<sup>b</sup>No participation was indicated in the base year; therefore, no projections could be made.

TABLE 19: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR2, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (2.840)	1 (3.110)	1 (2.791)	1 (3.079)	1 (3.030)	1 (3.057)	1 (3.173)	1 (3.071)	1 (3.267)	1 (2.971)
Fishing	2 (2.737)	2 (2.726)	2 (2.734)	2 (2.734)	2 (2.945)	2 (2.742)	2 (3.099)	2 (2.750)	2 (3.219)	2 (2.793)
Snowmobiling	3 (2.541)	3 (2.661)	3 (2.483)	3 (2.669)	3 (2.799)	3 (2.693)	3 (3.072)	3 (2.725)	3 (3.171)	3 (2.687)
Powerboating/ Waterskiing	4 (2.134)	4 (2.254)	4 (2.300)	4 (2.264)	4 (2.544)	4 (2.285)	4 (2.785)	4 (2.298)	4 (2.961)	4 (2.278)
Camping	5 (1.808)	5 (2.005)	5 (1.860)	5 (2.015)	5 (1.959)	5 (2.037)	5 (2.055)	5 (2.050)	5 (2.111)	5 (2.011)
Waterfowl Hunting	6 (1.503)	7 (1.786)	6 (1.547)	7 (1.814)	7 (1.583)	7 (1.863)	9 (1.583)	7 (1.884)	8 (1.559)	7 (1.862)
Outdoor Pool										
Swimming	7 (1.426)	8 (1.549)	8 (1.420)	8 (1.503)	10 (1.443)	8 (1.451)	10 (1.501)	8 (1.453)	9 (1.531)	8 (1.410)
Beach Swimming	8 (1.395)	6 (1.956)	7 (1.489)	6 (1.957)	6 (1.646)	6 (1.956)	6 (1.825)	6 (1.969)	6 (1.946)	6 (1.923)
Upland Game Hunting	9 (1.204)	10 (1.259)	9 (1.313)	10 (1.280)	9 (1.478)	9 (1.314)	8 (1.586)	9 (1.329)	10 (1.463)	9 (1.321)
Baseball/Softball	10 (1.146)	9 (1.286)	11 (1.221)	9 (1.281)	11 (1.240)	10 (1.283)	11 (1.307)	10 (1.292)	11 (1.332)	10 (1.252)
Jogging	11 (1.086)	11 (1.226)	10 (1.266)	11 (1.243)	8 (1.538)	11 (1.270)	7 (1.611)	11 (1.272)	7 (1.656)	11 (1.235)
Ice Skating	12 (1.012)	12 (1.055)	12 (1.024)	12 (1.038)	13 (1.069)	12 (1.023)	12 (1.148)	12 (1.027)	13 (1.194)	13 (0.989)
Picnicking	13 (0.958)	13 (1.034)	13 (0.976)	13 (1.028)	14 (1.019)	13 (1.023)	14 (1.055)	13 (1.025)	14 (1.068)	12 (1.004)
Sledding	14 (0.957)	14 (0.976)	14 (0.954)	14 (0.953)	15 (0.972)	14 (0.928)	15 (1.046)	14 (0.930)	15 (1.058)	14 (0.899)
Ice Fishing	15 (0.844)	15 (0.843)	16 (0.836)	15 (0.843)	16 (0.913)	15 (0.853)	16 (0.928)	15 (0.855)	16 (0.941)	15 (0.859)
Golf	16 (0.829)	16 (0.822)	15 (0.932)	16 (0.829)	12 (1.030)	16 (0.839)	13 (1.307)	16 (0.845)	12 (1.223)	16 (0.848)
Upland Game Hunting	17 (0.505)	17 (0.528)	19 (0.463)	17 (0.536)	19 (0.503)	17 (0.550)	19 (1.148)	17 (0.556)	19 (0.485)	18 (0.545)
Big Game Hunting	18 (0.499)	18 (0.527)	18 (0.496)	18 (0.535)	18 (0.546)	18 (0.549)	18 (0.554)	18 (0.556)	18 (0.561)	17 (0.553)
Tennis	19 (0.453)	19 (0.520)	17 (0.519)	19 (0.525)	17 (0.619)	19 (0.535)	17 (0.712)	19 (0.540)	17 (0.784)	19 (0.520)
Visiting Historical Places	20 (0.370)	20 (0.384)	20 (0.384)	20 (0.385)	20 (0.423)	20 (0.386)	20 (0.455)	20 (0.386)	20 (0.475)	20 (0.387)
Downhill Skiing	21 (0.339)	21 (0.348)	21 (0.360)	21 (0.346)	21 (0.390)	21 (0.347)	21 (0.419)	21 (0.349)	21 (0.438)	21 (0.340)
Horseback Riding	22 (0.276)	22 (0.322)	22 (0.240)	22 (0.317)	22 (0.300)	22 (0.313)	22 (0.314)	22 (0.314)	22 (0.318)	22 (0.302)
Cross-Country Skiing	23 (0.207)	23 (0.218)	23 (0.209)	23 (0.219)	23 (0.208)	23 (0.222)	23 (0.223)	23 (0.225)	24 (0.228)	23 (0.223)
Hockey	24 (0.175)	24 (0.171)	24 (0.179)	24 (0.166)	25 (0.188)	25 (0.160)	25 (0.200)	25 (0.161)	25 (0.208)	25 (0.157)
Sailing	25 (0.144)	25 (0.165)	25 (0.168)	25 (0.165)	24 (0.199)	24 (0.167)	24 (0.220)	24 (0.168)	23 (0.233)	24 (0.163)
Trapshooting	26 (0.121)	26 (0.144)	26 (0.124)	26 (0.149)	26 (0.115)	26 (0.156)	26 (0.114)	26 (0.157)	26 (0.110)	26 (0.149)
Archery	27 (0.060)	27 (0.072)	27 (0.059)	27 (0.073)	27 (0.059)	27 (0.074)	27 (0.057)	27 (0.075)	27 (0.056)	27 (0.071)
Soccer	28 (0.023)	28 (0.029)	28 (0.027)	28 (0.029)	28 (0.027)	28 (0.030)	28 (0.027)	28 (0.030)	28 (0.027)	28 (0.029)
Canoeing	29 (0.024)	29 (0.027)	29 (0.026)	29 (0.026)	29 (0.022)	29 (0.024)	29 (0.029)	29 (0.024)	29 (0.025)	29 (0.024)
Hiking	30 (0.013)	30 (0.016)	30 (0.014)	30 (0.017)	30 (0.017)	30 (0.017)	30 (0.018)	30 (0.018)	30 (0.019)	30 (0.017)
Horseshoes	31 (0.012)	31 (0.013)	31 (0.012)	31 (0.014)	31 (0.012)	31 (0.014)	31 (0.010)	31 (0.014)	31 (0.009)	31 (0.014)

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

TABLE 20: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR3, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (4.172)	1 (4.770)	1 (4.843)	1 (4.803)	1 (5.946)	1 (4.950)	1 (6.628)	1 (5.139)	1 (7.337)	1 (4.410)
Snowmobiling	2 (3.261)	2 (3.373)	2 (3.319)	2 (3.364)	3 (3.366)	2 (3.398)	3 (3.476)	2 (3.486)	3 (3.539)	2 (3.164)
Outdoor Pool										
Swimming	3 (2.386)	3 (2.756)	3 (2.795)	3 (2.750)	2 (3.445)	3 (2.807)	2 (3.844)	3 (2.931)	2 (4.252)	3 (2.582)
Powerboating/ Waterskiing	4 (1.703)	4 (1.813)	4 (1.836)	4 (1.813)	4 (2.029)	4 (1.836)	4 (2.265)	4 (1.874)	4 (2.458)	4 (1.692)
Waterfowl Hunting	5 (1.493)	5 (1.447)	5 (1.555)	5 (1.463)	6 (1.580)	5 (1.475)	6 (1.629)	5 (1.464)	5 (1.668)	5 (1.330)
Fishing	6 (1.395)	6 (1.329)	7 (1.401)	6 (1.332)	8 (1.414)	6 (1.323)	9 (1.395)	6 (1.300)	9 (1.395)	6 (1.236)
Golf	7 (1.312)	7 (1.238)	6 (1.420)	7 (1.233)	5 (1.519)	8 (1.208)	5 (1.712)	11 (1.176)	6 (1.644)	8 (1.163)
Ice Skating	8 (1.134)	8 (1.238)	8 (1.236)	8 (1.216)	7 (1.417)	7 (1.220)	7 (1.509)	7 (1.290)	7 (1.604)	7 (1.138)
Camping	9 (1.124)	10 (1.159)	10 (1.122)	10 (1.160)	10 (1.138)	10 (1.167)	10 (1.143)	10 (1.177)	10 (1.163)	10 (1.080)
Beach Swimming	10 (1.088)	9 (1.193)	9 (1.177)	9 (1.189)	9 (1.324)	9 (1.205)	8 (1.434)	8 (1.245)	1 (1.531)	9 (1.120)
Sledding	11 (1.008)	11 (1.121)	11 (0.962)	11 (1.106)	11 (0.965)	11 (1.117)	13 (0.923)	9 (1.178)	12 (1.041)	11 (1.068)
Picnicking	12 (0.918)	12 (0.895)	12 (0.930)	12 (0.899)	12 (0.946)	12 (0.906)	11 (0.960)	12 (0.907)	11 (1.045)	12 (0.830)
Ice Fishing	13 (0.785)	14 (0.707)	13 (0.799)	14 (0.709)	14 (0.797)	14 (0.695)	14 (0.755)	14 (0.688)	14 (0.720)	14 (0.659)
Baseball/Softball	14 (0.643)	13 (0.715)	14 (0.738)	13 (0.711)	13 (0.873)	13 (0.720)	12 (0.934)	13 (0.746)	13 (0.834)	13 (0.672)
Nongame Hunting	15 (0.617)	15 (0.604)	15 (0.626)	15 (0.608)	15 (0.636)	15 (0.613)	15 (0.628)	15 (0.612)	15 (0.632)	15 (0.558)
Upland Game Hunting	16 (0.431)	16 (0.416)	16 (0.441)	16 (0.422)	17 (0.444)	16 (0.428)	18 (0.452)	16 (0.426)	20 (0.453)	17 (0.380)
Downhill Skiing	17 (0.367)	18 (0.387)	19 (0.379)	18 (0.384)	19 (0.397)	18 (0.387)	20 (0.441)	18 (0.402)	19 (0.463)	18 (0.367)
Hockey	18 (0.353)	17 (0.410)	18 (0.384)	17 (0.400)	18 (0.426)	17 (0.400)	17 (0.498)	17 (0.425)	17 (0.540)	16 (0.397)
Jogging	19 (0.325)	20 (0.342)	17 (0.386)	20 (0.343)	16 (0.464)	20 (0.346)	16 (0.544)	20 (0.352)	16 (0.608)	20 (0.319)
Big Game Hunting	20 (0.324)	23 (0.305)	21 (0.327)	21 (0.311)	21 (0.327)	21 (0.316)	21 (0.315)	21 (0.310)	21 (0.310)	21 (0.277)
Tennis	21 (0.306)	19 (0.362)	20 (0.342)	19 (0.361)	20 (0.336)	19 (0.367)	19 (0.451)	19 (0.384)	18 (0.494)	19 (0.341)
Cross-Country Skiing	22 (0.225)	21 (0.230)	22 (0.242)	22 (0.236)	22 (0.262)	22 (0.246)	22 (0.284)	22 (0.249)	22 (0.301)	22 (0.207)
Visiting Historical Places	23 (0.222)	22 (0.213)	23 (0.223)	23 (0.214)	23 (0.215)	23 (0.214)	23 (0.211)	23 (0.209)	23 (0.210)	23 (0.196)
Horseback Riding	24 (0.109)	24 (0.120)	24 (0.104)	24 (0.118)	24 (0.100)	24 (0.118)	24 (0.096)	24 (0.124)	24 (0.094)	24 (0.115)
Sailing	25 (0.080)	25 (0.084)	25 (0.081)	25 (0.086)	25 (0.081)	25 (0.089)	25 (0.082)	25 (0.089)	25 (0.083)	25 (0.076)
Horseshoes	26 (0.037)	29 (0.005)	27 (0.041)	29 (0.006)	27 (0.044)	29 (0.006)	27 (0.048)	29 (0.006)	27 (0.027)	29 (0.005)
Canoeing	27 (0.035)	26 (0.042)	26 (0.042)	26 (0.042)	26 (0.054)	26 (0.043)	26 (0.058)	26 (0.045)	26 (0.065)	26 (0.039)
Hiking	28 (0.019)	27 (0.021)	28 (0.020)	27 (0.022)	28 (0.020)	27 (0.023)	28 (0.020)	27 (0.024)	28 (0.021)	27 (0.019)
Trapshooting	29 (0.013)	28 (0.016)	29 (0.013)	28 (0.017)	29 (0.013)	28 (0.019)	29 (0.013)	28 (0.019)	29 (0.013)	28 (0.014)
Archery	b b	b b	b b	b b	b b	b b	b b	b b	b b	b b
Soccer	b b	b b	b b	b b	b b	b b	b b	b b	b b	b b

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

<sup>b</sup>No participation occurred in the base year; therefore, no projections could be made.

TABLE 21: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR4, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (3.148)	1 (3.798)	1 (3.309)	1 (3.825)	1 (3.600)	1 (3.873)	1 (3.927)	1 (3.898)	1 (4.029)	1 (3.647)
Ice Skating	2 (1.801)	2 (1.893)	2 (1.949)	2 (1.868)	3 (1.630)	2 (1.850)	3 (1.593)	2 (1.854)	7 (1.409)	2 (1.699)
Outdoor Pool Swimming	3 (1.601)	3 (1.798)	4 (1.474)	3 (1.751)	4 (1.568)	3 (1.708)	4 (1.571)	3 (1.708)	4 (1.524)	3 (1.608)
Snowmobiling	4 (1.377)	4 (1.474)	5 (1.396)	4 (1.483)	5 (1.408)	5 (1.492)	6 (1.474)	5 (1.501)	6 (1.477)	4 (1.435)
Golf	5 (1.365)	6 (1.326)	3 (1.551)	6 (1.340)	2 (1.795)	6 (1.341)	2 (1.992)	6 (1.348)	2 (2.034)	5 (1.429)
Sledding	6 (1.056)	7 (1.109)	8 (1.015)	7 (1.096)	12 (0.968)	7 (1.087)	12 (1.067)	7 (1.090)	11 (0.994)	7 (0.996)
Jogging	7 (1.030)	5 (1.382)	10 (0.970)	5 (1.430)	8 (1.148)	4 (1.496)	9 (1.183)	4 (1.515)	9 (1.188)	6 (1.392)
Picnicking	8 (0.947)	8 (1.029)	6 (1.076)	8 (1.021)	7 (1.271)	8 (1.013)	7 (1.398)	8 (1.015)	5 (1.490)	9 (0.977)
Fishing	9 (0.939)	9 (0.956)	9 (0.999)	9 (0.957)	11 (1.062)	9 (0.953)	10 (1.105)	9 (0.957)	10 (1.160)	8 (0.988)
Beach Swimming	10 (0.774)	10 (0.899)	7 (1.034)	10 (0.892)	6 (1.339)	10 (0.889)	5 (1.539)	10 (0.893)	3 (1.625)	10 (0.838)
Hockey	11 (0.766)	13 (0.810)	12 (0.766)	14 (0.801)	10 (1.089)	15 (0.793)	11 (1.096)	15 (0.795)	14 (0.762)	15 (0.739)
Powerboating/ Waterskiing	12 (0.748)	11 (0.877)	11 (0.848)	11 (0.873)	9 (1.126)	11 (0.871)	8 (1.296)	11 (0.876)	8 (1.386)	11 (0.823)
Camping	13 (0.692)	14 (0.795)	15 (0.664)	15 (0.797)	14 (0.754)	14 (0.803)	15 (0.736)	14 (0.808)	15 (0.735)	14 (0.770)
Waterfowl Hunting	14 (0.675)	15 (0.785)	13 (0.744)	13 (0.805)	13 (0.907)	13 (0.823)	13 (0.931)	13 (0.831)	12 (0.882)	13 (0.795)
Baseball/Softball	15 (0.660)	12 (0.824)	14 (0.683)	12 (0.838)	15 (0.731)	12 (0.856)	14 (0.773)	12 (0.863)	13 (0.775)	12 (0.798)
Tennis	16 (0.482)	16 (0.551)	16 (0.516)	16 (0.535)	16 (0.553)	16 (0.516)	16 (0.610)	16 (0.515)	16 (0.624)	16 (0.499)
Big Game Hunting	17 (0.335)	17 (0.397)	17 (0.341)	17 (0.409)	19 (0.349)	18 (0.421)	19 (0.350)	18 (0.426)	19 (0.352)	17 (0.411)
Cross-Country Skiing	18 (0.317)	19 (0.334)	18 (0.331)	19 (0.343)	18 (0.361)	19 (0.352)	18 (0.378)	19 (0.356)	17 (0.390)	19 (0.355)
Hongame Hunting	19 (0.310)	18 (0.393)	19 (0.326)	18 (0.406)	17 (0.368)	17 (0.422)	17 (0.385)	17 (0.427)	18 (0.375)	18 (0.360)
Ice Fishing	20 (0.282)	21 (0.306)	21 (0.264)	21 (0.304)	24 (0.209)	21 (0.300)	23 (0.251)	21 (0.298)	24 (0.233)	21 (0.289)
Visiting Historical Places										
Places	21 (0.277)	20 (0.316)	20 (0.268)	20 (0.320)	20 (0.265)	20 (0.326)	22 (0.256)	20 (0.328)	23 (0.239)	20 (0.312)
Upland Game Hunting	22 (0.239)	22 (0.273)	22 (0.243)	22 (0.280)	22 (0.247)	23 (0.286)	24 (0.249)	23 (0.288)	22 (0.245)	22 (0.276)
Trapshooting	23 (0.195)	23 (0.273)	24 (0.208)	23 (0.279)	23 (0.240)	22 (0.287)	21 (0.259)	22 (0.290)	21 (0.272)	23 (0.256)
Horseback Riding	24 (0.180)	24 (0.224)	23 (0.214)	24 (0.222)	21 (0.256)	24 (0.221)	20 (0.278)	24 (0.221)	20 (0.296)	24 (0.200)
Downhill Skiing	25 (0.162)	25 (0.173)	25 (0.163)	25 (0.175)	25 (0.165)	25 (0.177)	25 (0.232)	25 (0.179)	25 (0.235)	25 (0.173)
Hiking	26 (0.054)	26 (0.075)	26 (0.053)	26 (0.078)	26 (0.050)	26 (0.081)	26 (0.047)	26 (0.082)	26 (0.058)	26 (0.073)
Horseshoes	27 (0.029)	27 (0.051)	27 (0.031)	27 (0.053)	27 (0.038)	27 (0.056)	27 (0.035)	27 (0.057)	28 (0.028)	27 (0.049)
Canoeing	28 (0.027)	28 (0.028)	28 (0.029)	28 (0.035)	28 (0.030)	28 (0.035)	28 (0.035)	28 (0.035)	27 (0.041)	28 (0.032)
Archery	29 (0.003)	29 (0.003)	29 (0.003)	29 (0.003)	29 (0.003)	29 (0.003)	29 (0.004)	29 (0.003)	29 (0.004)	29 (0.004)
Sailing	b b	b b	b b	b b	b b	b b	b b	b b	b b	b b
Soccer	b b	b b	b b	b b	b b	b b	b b	b b	b b	b b

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

<sup>b</sup>No participation occurred in the base year; therefore, no projections could be made.

TABLE 22: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR5, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (3.850)	1 (3.390)	1 (4.092)	1 (3.936)	1 (4.526)	1 (3.970)	1 (4.952)	1 (4.010)	1 (5.162)	1 (3.928)
Outdoor Pool Swimming	2 (2.011)	2 (1.973)	2 (1.996)	2 (1.940)	2 (2.052)	2 (1.915)	2 (2.093)	2 (1.940)	3 (2.094)	2 (1.890)
Golf	3 (1.605)	4 (1.539)	3 (1.704)	4 (1.543)	3 (1.843)	4 (1.531)	3 (1.962)	4 (1.535)	2 (2.132)	4 (1.579)
Baseball/Softball	4 (1.570)	3 (1.593)	4 (1.515)	3 (1.601)	5 (1.640)	3 (1.626)	5 (1.676)	3 (1.642)	5 (1.683)	3 (1.595)
Jogging	5 (1.374)	5 (1.404)	5 (1.452)	5 (1.426)	4 (1.647)	5 (1.459)	4 (1.797)	5 (1.467)	4 (1.886)	5 (1.452)
Snowmobiling	6 (1.342)	6 (1.257)	6 (1.260)	6 (1.266)	6 (1.347)	6 (1.285)	6 (1.349)	6 (1.295)	6 (1.396)	6 (1.274)
Ice Skating	7 (1.007)	7 (0.967)	7 (1.024)	7 (0.958)	8 (1.069)	7 (0.954)	8 (1.133)	7 (0.964)	8 (1.160)	7 (0.939)
Waterfowl Hunting	8 (0.851)	8 (0.881)	9 (0.878)	8 (0.893)	9 (0.934)	8 (0.911)	9 (0.978)	8 (0.915)	9 (1.022)	8 (0.904)
Tennis	9 (0.802)	9 (0.783)	8 (0.915)	9 (0.788)	7 (1.122)	9 (0.797)	7 (1.222)	9 (0.802)	7 (1.287)	9 (0.797)
Fishing	10 (0.775)	10 (0.763)	10 (0.777)	10 (0.767)	11 (0.792)	10 (0.770)	11 (0.785)	10 (0.770)	12 (0.783)	10 (0.773)
Sledding	11 (0.757)	11 (0.715)	11 (0.728)	12 (0.706)	10 (0.852)	12 (0.703)	10 (0.945)	12 (0.712)	10 (0.987)	12 (0.690)
Upland Game Hunting	12 (0.687)	12 (0.713)	12 (0.711)	11 (0.725)	12 (0.756)	11 (0.745)	12 (0.775)	11 (0.749)	11 (0.791)	11 (0.739)
Picnicking	13 (0.668)	13 (0.678)	13 (0.666)	13 (0.683)	13 (0.667)	13 (0.692)	13 (0.676)	13 (0.696)	13 (0.672)	13 (0.639)
Camping	14 (0.507)	14 (0.502)	14 (0.507)	14 (0.501)	14 (0.514)	14 (0.502)	15 (0.518)	14 (0.504)	15 (0.514)	14 (0.504)
Cross-Country Skiing	15 (0.422)	16 (0.412)	15 (0.437)	16 (0.416)	15 (0.504)	16 (0.420)	14 (0.541)	16 (0.421)	14 (0.574)	16 (0.427)
Big Game Hunting	16 (0.399)	15 (0.424)	16 (0.402)	15 (0.434)	16 (0.415)	15 (0.448)	16 (0.414)	15 (0.450)	17 (0.410)	15 (0.446)
Nongame Hunting	17 (0.291)	17 (0.321)	18 (0.280)	17 (0.330)	18 (0.296)	17 (0.345)	18 (0.294)	17 (0.349)	20 (0.222)	17 (0.338)
Hockey	18 (0.262)	19 (0.239)	17 (0.294)	19 (0.236)	17 (0.351)	20 (0.233)	17 (0.366)	19 (0.236)	16 (0.455)	19 (0.231)
Beach Swimming	19 (0.255)	18 (0.259)	19 (0.258)	18 (0.258)	20 (0.264)	18 (0.260)	20 (0.276)	18 (0.261)	18 (0.271)	18 (0.259)
Horseback Riding	20 (0.230)	21 (0.220)	22 (0.202)	21 (0.220)	24 (0.149)	22 (0.219)	24 (0.130)	22 (0.219)	25 (0.091)	21 (0.228)
Visiting Historical Places	21 (0.220)	23 (0.217)	21 (0.214)	23 (0.218)	21 (0.208)	23 (0.218)	21 (0.200)	23 (0.218)	21 (0.206)	22 (0.219)
Ice Fishing	22 (0.212)	20 (0.230)	23 (0.198)	20 (0.232)	23 (0.187)	19 (0.234)	23 (0.164)	20 (0.234)	22 (0.202)	20 (0.230)
Hiking	23 (0.209)	22 (0.218)	20 (0.232)	22 (0.219)	19 (0.265)	21 (0.221)	19 (0.279)	21 (0.224)	19 (0.268)	23 (0.218)
Powerboating/Waterskiing	24 (0.194)	24 (0.206)	24 (0.168)	24 (0.208)	22 (0.191)	24 (0.211)	22 (0.187)	24 (0.210)	23 (0.179)	24 (0.208)
Trapshooting	25 (0.057)	25 (0.056)	25 (0.070)	25 (0.056)	25 (0.091)	25 (0.056)	25 (0.093)	25 (0.056)	24 (0.098)	25 (0.058)
Downhill Skiing	26 (0.035)	27 (0.033)	26 (0.035)	27 (0.033)	26 (0.034)	27 (0.033)	26 (0.034)	27 (0.033)	26 (0.033)	27 (0.034)
Horseshoes	27 (0.030)	26 (0.034)	27 (0.028)	26 (0.036)	28 (0.024)	26 (0.038)	29 (0.022)	26 (0.033)	29 (0.018)	26 (0.037)
Soccer	28 (0.025)	28 (0.023)	28 (0.026)	28 (0.022)	27 (0.027)	28 (0.021)	27 (0.029)	28 (0.022)	27 (0.031)	23 (0.022)
Archery	29 (0.016)	29 (0.017)	29 (0.018)	29 (0.017)	29 (0.022)	29 (0.018)	28 (0.023)	29 (0.018)	28 (0.025)	29 (0.018)
Canoeing	30 (0.006)	30 (0.006)	30 (0.005)	30 (0.006)	30 (0.006)	30 (0.006)	30 (0.006)	30 (0.007)	30 (0.006)	30 (0.006)
Sailing	31 (0.002)	31 (0.002)	31 (0.002)	31 (0.002)	31 (0.002)	31 (0.002)	31 (0.002)	31 (0.003)	31 (0.002)	31 (0.002)

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

TABLE 23: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR6, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (2.539)	1 (2.587)	1 (2.709)	1 (2.582)	1 (2.955)	1 (2.607)	1 (3.093)	1 (2.664)	1 (3.410)	1 (2.688)
Outdoor Pool Swimming	2 (1.856)	2 (1.972)	2 (1.922)	2 (1.923)	2 (2.097)	2 (1.904)	2 (2.307)	2 (1.960)	2 (2.490)	2 (1.976)
Fishing	3 (1.751)	3 (1.725)	3 (1.808)	3 (1.740)	3 (1.886)	3 (1.754)	3 (1.924)	3 (1.757)	4 (1.956)	3 (1.763)
Golf	4 (1.477)	5 (1.330)	4 (1.616)	5 (1.335)	4 (1.813)	5 (1.319)	4 (1.885)	5 (1.286)	3 (1.933)	5 (1.275)
Baseball/Softball	5 (1.340)	4 (1.478)	5 (1.427)	4 (1.476)	5 (1.591)	4 (1.494)	5 (1.709)	4 (1.530)	5 (1.829)	4 (1.549)
Picnicking	6 (1.151)	6 (1.196)	7 (1.168)	6 (1.204)	7 (1.204)	6 (1.220)	7 (1.285)	6 (1.235)	7 (1.333)	6 (1.243)
Waterfowl Hunting	7 (1.097)	7 (1.133)	6 (1.196)	7 (1.149)	6 (1.303)	7 (1.166)	6 (1.371)	7 (1.174)	6 (1.438)	7 (1.182)
Snowmobiling	8 (1.053)	8 (1.054)	8 (1.100)	8 (1.061)	8 (1.183)	8 (1.077)	8 (1.253)	8 (1.094)	8 (1.319)	8 (1.104)
Camping	9 (0.825)	9 (0.850)	9 (0.835)	9 (0.854)	9 (0.872)	9 (0.860)	9 (0.924)	9 (0.868)	9 (0.967)	9 (0.872)
Sledding	10 (0.792)	10 (0.790)	10 (0.758)	10 (0.785)	13 (0.701)	10 (0.792)	12 (0.796)	10 (0.816)	12 (0.842)	10 (0.827)
Jogging	11 (0.676)	13 (0.640)	11 (0.711)	13 (0.651)	11 (0.777)	12 (0.668)	11 (0.840)	12 (0.678)	11 (0.896)	12 (0.685)
Ice Skating	12 (0.675)	12 (0.659)	12 (0.711)	12 (0.653)	10 (0.787)	13 (0.653)	10 (0.877)	13 (0.666)	10 (0.953)	13 (0.671)
Beach Swimming	13 (0.651)	11 (0.709)	13 (0.680)	11 (0.702)	12 (0.731)	11 (0.705)	13 (0.782)	11 (0.724)	13 (0.823)	11 (0.731)
Upland Game Hunting	14 (0.580)	14 (0.604)	14 (0.610)	14 (0.617)	14 (0.644)	14 (0.631)	15 (0.596)	14 (0.636)	16 (0.592)	14 (0.642)
Powerboating/ Waterskiing	15 (0.525)	15 (0.566)	15 (0.565)	15 (0.576)	15 (0.635)	15 (0.591)	14 (0.719)	15 (0.600)	14 (0.739)	15 (0.607)
Nongame Hunting	16 (0.437)	16 (0.463)	16 (0.466)	16 (0.475)	17 (0.504)	16 (0.491)	19 (0.508)	16 (0.498)	19 (0.519)	16 (0.505)
Ice Fishing	17 (0.395)	17 (0.411)	18 (0.404)	17 (0.420)	16 (0.517)	17 (0.431)	17 (0.533)	17 (0.434)	18 (0.556)	17 (0.437)
Big Game Hunting	18 (0.377)	13 (0.396)	20 (0.393)	18 (0.408)	20 (0.436)	18 (0.420)	20 (0.450)	18 (0.423)	20 (0.468)	18 (0.427)
Tennis	19 (0.367)	19 (0.392)	19 (0.403)	19 (0.389)	19 (0.463)	19 (0.392)	18 (0.515)	19 (0.403)	17 (0.562)	19 (0.408)
Hockey	20 (0.342)	20 (0.358)	17 (0.405)	20 (0.353)	18 (0.482)	20 (0.354)	16 (0.548)	20 (0.365)	15 (0.601)	20 (0.370)
Visiting Historical Places	21 (0.329)	21 (0.335)	21 (0.345)	21 (0.335)	21 (0.345)	21 (0.335)	21 (0.341)	21 (0.334)	21 (0.332)	21 (0.335)
Horseback Riding	22 (0.257)	22 (0.272)	22 (0.269)	22 (0.262)	22 (0.281)	23 (0.257)	22 (0.299)	23 (0.266)	23 (0.308)	23 (0.268)
Cross-Country Skiing	23 (0.227)	23 (0.242)	23 (0.243)	23 (0.252)	23 (0.275)	22 (0.265)	23 (0.287)	22 (0.271)	22 (0.309)	22 (0.276)
Soccer	24 (0.187)	24 (0.210)	24 (0.217)	24 (0.213)	24 (0.258)	24 (0.220)	24 (0.280)	24 (0.226)	24 (0.302)	24 (0.230)
Canoeing	25 (0.180)	25 (0.153)	25 (0.194)	25 (0.175)	25 (0.224)	25 (0.171)	25 (0.255)	25 (0.173)	25 (0.230)	25 (0.172)
Downhill Skiing	26 (0.105)	26 (0.105)	15 (0.115)	26 (0.103)	27 (0.127)	26 (0.102)	26 (0.144)	26 (0.105)	26 (0.157)	26 (0.106)
Hiking	27 (0.094)	27 (0.084)	27 (0.112)	27 (0.085)	26 (0.135)	27 (0.084)	27 (0.140)	27 (0.083)	27 (0.149)	27 (0.082)
Horseshoes	28 (0.053)	28 (0.051)	28 (0.054)	29 (0.051)	28 (0.056)	28 (0.051)	28 (0.056)	28 (0.051)	28 (0.053)	28 (0.051)
Trapshooting	29 (0.045)	29 (0.045)	29 (0.049)	23 (0.047)	29 (0.055)	29 (0.048)	29 (0.056)	29 (0.048)	29 (0.057)	29 (0.049)
Archery	30 (0.008)	30 (0.008)	30 (0.007)	30 (0.009)	30 (0.005)	30 (0.009)	30 (0.006)	30 (0.009)	30 (0.010)	30 (0.009)
Sailing	31 (0.004)	31 (0.005)	31 (0.004)	31 (0.005)	31 (0.005)	31 (0.005)	31 (0.005)	31 (0.005)	31 (0.005)	31 (0.005)

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

TABLE 24: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR7, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (2.738)	1 (2.978)	1 (2.895)	1 (2.947)	1 (3.127)	1 (2.948)	1 (3.332)	1 (3.009)	1 (3.535)	1 (3.026)
Fishing	2 (2.635)	2 (2.547)	2 (2.668)	2 (2.555)	2 (2.710)	2 (2.558)	2 (2.643)	2 (2.553)	2 (2.598)	2 (2.551)
Outdoor Pool Swimming	3 (1.611)	3 (1.711)	3 (1.716)	3 (1.725)	3 (1.766)	3 (1.634)	3 (1.913)	3 (1.718)	3 (2.019)	3 (1.718)
Camping	4 (1.586)	4 (1.590)	4 (1.640)	4 (1.596)	4 (1.732)	4 (1.611)	5 (1.768)	4 (1.621)	6 (1.822)	4 (1.628)
Snowmobiling	5 (1.529)	5 (1.487)	7 (1.400)	5 (1.516)	6 (1.571)	5 (1.575)	6 (1.581)	5 (1.596)	7 (1.581)	5 (1.628)
Jogging	6 (1.471)	6 (1.453)	6 (1.472)	6 (1.484)	7 (1.475)	6 (1.540)	7 (1.496)	6 (1.555)	5 (1.378)	6 (1.577)
Golf	7 (1.401)	7 (1.328)	5 (1.540)	7 (1.330)	5 (1.702)	7 (1.323)	4 (1.872)	8 (1.316)	4 (2.018)	8 (1.311)
Picnicking	8 (1.279)	8 (1.302)	8 (1.307)	8 (1.307)	8 (1.365)	8 (1.322)	8 (1.454)	7 (1.334)	8 (1.543)	7 (1.342)
Baseball/Softball	9 (1.144)	9 (1.189)	11 (1.088)	9 (1.194)	9 (1.258)	9 (1.218)	9 (1.338)	9 (1.237)	9 (1.418)	9 (1.252)
Sledding	10 (1.103)	10 (1.130)	9 (1.159)	10 (1.108)	11 (1.153)	10 (1.095)	12 (1.222)	10 (1.118)	12 (1.286)	10 (1.124)
Powerboating/ Waterskiing	11 (1.073)	15 (0.627)	10 (1.120)	15 (0.632)	10 (1.200)	15 (0.645)	10 (1.309)	15 (0.653)	10 (1.407)	15 (0.662)
Upland Game Hunting	12 (0.949)	12 (0.905)	13 (0.979)	12 (0.926)	13 (1.042)	11 (0.961)	13 (1.098)	12 (0.967)	13 (1.154)	11 (0.983)
Beach Swimming	13 (0.901)	11 (0.951)	12 (1.007)	11 (0.947)	12 (1.139)	12 (0.953)	11 (1.242)	11 (0.968)	11 (1.340)	12 (0.974)
Ice Skating	14 (0.761)	13 (0.774)	14 (0.789)	13 (0.765)	14 (0.820)	13 (0.764)	14 (0.862)	13 (0.780)	14 (0.899)	13 (0.786)
Waterfowl Hunting	15 (0.728)	14 (0.698)	15 (0.760)	14 (0.709)	15 (0.814)	14 (0.726)	15 (0.851)	14 (0.729)	15 (0.899)	14 (0.737)
Ice Fishing	16 (0.603)	16 (0.574)	16 (0.616)	16 (0.539)	16 (0.613)	16 (0.614)	16 (0.621)	16 (0.618)	17 (0.619)	16 (0.629)
Nongame Hunting	17 (0.549)	17 (0.523)	18 (0.529)	17 (0.538)	17 (0.605)	17 (0.563)	17 (0.615)	17 (0.567)	16 (0.630)	17 (0.579)
Visiting Historical Places	18 (0.522)	18 (0.520)	17 (0.554)	18 (0.521)	18 (0.582)	18 (0.523)	18 (0.583)	18 (0.524)	18 (0.584)	18 (0.524)
Tennis	19 (0.395)	19 (0.414)	19 (0.427)	19 (0.421)	19 (0.464)	19 (0.437)	19 (0.492)	19 (0.445)	19 (0.519)	19 (0.452)
Big Game Hunting	20 (0.344)	20 (0.325)	21 (0.336)	20 (0.334)	20 (0.433)	20 (0.348)	20 (0.445)	20 (0.350)	21 (0.465)	20 (0.356)
Cross-Country Skiing	21 (0.316)	22 (0.302)	20 (0.350)	22 (0.309)	21 (0.395)	21 (0.321)	21 (0.442)	22 (0.323)	20 (0.482)	22 (0.327)
Horseback Riding	22 (0.297)	21 (0.309)	22 (0.303)	21 (0.312)	22 (0.324)	22 (0.320)	22 (0.334)	21 (0.324)	22 (0.352)	21 (0.327)
Hiking	23 (0.261)	23 (0.265)	23 (0.273)	23 (0.269)	23 (0.266)	23 (0.273)	23 (0.282)	23 (0.272)	23 (0.289)	23 (0.273)
Trapshooting	24 (0.206)	24 (0.213)	24 (0.209)	24 (0.211)	24 (0.215)	24 (0.211)	24 (0.218)	24 (0.215)	24 (0.246)	24 (0.217)
Sailing	25 (0.159)	25 (0.180)	25 (0.186)	25 (0.180)	25 (0.194)	25 (0.134)	25 (0.207)	25 (0.187)	25 (0.218)	25 (0.139)
Hockey	26 (0.143)	26 (0.148)	26 (0.153)	26 (0.145)	26 (0.169)	26 (0.144)	26 (0.190)	26 (0.147)	26 (0.207)	26 (0.147)
Horseshoes	27 (0.121)	27 (0.104)	27 (0.124)	27 (0.104)	27 (0.126)	27 (0.101)	27 (0.128)	27 (0.098)	27 (0.130)	27 (0.095)
Downhill Skiing	28 (0.088)	28 (0.071)	28 (0.068)	28 (0.072)	28 (0.076)	28 (0.073)	28 (0.079)	28 (0.074)	28 (0.081)	28 (0.074)
Archery	29 (0.044)	30 (0.045)	29 (0.041)	29 (0.047)	29 (0.047)	29 (0.050)	29 (0.047)	29 (0.051)	29 (0.048)	29 (0.052)
Soccer	30 (0.022)	29 (0.023)	30 (0.022)	30 (0.022)	30 (0.022)	31 (0.021)	30 (0.022)	31 (0.022)	30 (0.022)	31 (0.022)
Canoeing	31 (0.020)	31 (0.021)	31 (0.021)	31 (0.021)	31 (0.021)	30 (0.030)	31 (0.021)	30 (0.022)	31 (0.022)	30 (0.023)

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.



TABLE 25: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR SR8, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (2.717)	1 (2.896)	1 (2.932)	1 (2.830)	1 (3.299)	1 (2.730)	1 (3.760)	1 (2.823)	1 (4.143)	1 (2.830)
Snowmobiling	2 (2.656)	2 (2.699)	2 (2.598)	2 (2.710)	2 (2.527)	2 (2.737)	2 (2.688)	2 (2.773)	3 (2.790)	2 (2.772)
Fishing	3 (1.820)	3 (1.846)	4 (1.849)	3 (1.844)	4 (1.913)	3 (1.845)	4 (1.923)	3 (1.850)	4 (2.018)	3 (1.846)
Jogging	4 (1.696)	5 (1.688)	3 (2.028)	5 (1.690)	3 (2.462)	5 (1.699)	3 (2.643)	5 (1.699)	2 (2.847)	5 (1.697)
Outdoor Pool Swimming	5 (1.682)	4 (1.812)	5 (1.696)	4 (1.753)	5 (1.773)	4 (1.710)	5 (1.899)	4 (1.746)	5 (1.992)	4 (1.753)
Camping	6 (1.358)	6 (1.480)	6 (1.409)	6 (1.492)	7 (1.522)	6 (1.520)	7 (1.637)	6 (1.539)	7 (1.752)	6 (1.537)
Sledding	7 (1.194)	7 (1.176)	8 (1.199)	7 (1.147)	8 (1.191)	8 (1.127)	8 (1.252)	7 (1.147)	8 (1.247)	7 (1.150)
Golf	8 (1.138)	8 (1.124)	7 (1.330)	8 (1.144)	6 (1.571)	7 (1.149)	6 (1.691)	8 (1.138)	6 (1.823)	8 (1.136)
Picnicking	9 (0.998)	9 (1.060)	9 (1.030)	9 (1.060)	9 (1.116)	9 (1.064)	12 (1.031)	9 (1.074)	12 (1.046)	9 (1.073)
Ice Skating	10 (0.983)	11 (0.949)	10 (0.936)	12 (0.919)	12 (1.014)	12 (0.890)	11 (1.066)	12 (0.902)	11 (1.111)	12 (0.906)
Upland Game Hunting	11 (0.919)	12 (0.917)	11 (0.958)	11 (0.933)	11 (1.034)	11 (0.942)	10 (1.117)	11 (0.940)	10 (1.183)	11 (0.937)
Powerboating/ Waterskiing	12 (0.810)	10 (0.981)	13 (0.851)	10 (0.992)	14 (0.829)	10 (1.010)	14 (0.841)	10 (1.025)	15 (0.557)	10 (1.024)
Tennis	13 (0.741)	13 (0.767)	14 (0.780)	14 (0.738)	13 (0.851)	14 (0.709)	13 (0.927)	14 (0.719)	13 (0.995)	14 (0.723)
Nongame Hunting	14 (0.727)	14 (0.747)	12 (0.858)	13 (0.760)	10 (1.041)	13 (0.774)	9 (1.117)	13 (0.780)	9 (1.194)	13 (0.779)
Beach Swimming	15 (0.480)	15 (0.530)	15 (0.457)	15 (0.528)	17 (0.426)	15 (0.530)	17 (0.456)	15 (0.538)	16 (0.513)	15 (0.539)
Visiting Historical Places	16 (0.379)	17 (0.380)	16 (0.397)	17 (0.381)	16 (0.439)	17 (0.381)	16 (0.459)	17 (0.381)	17 (0.493)	17 (0.380)
Baseball/Softball	17 (0.350)	16 (0.382)	18 (0.360)	16 (0.337)	18 (0.389)	16 (0.392)	19 (0.415)	16 (0.395)	18 (0.456)	16 (0.395)
Cross-Country Skiing	18 (0.309)	20 (0.275)	17 (0.392)	20 (0.270)	15 (0.510)	20 (0.257)	15 (0.604)	20 (0.251)	14 (0.674)	20 (0.252)
Waterfowl Hunting	19 (0.297)	18 (0.313)	20 (0.314)	18 (0.323)	20 (0.346)	18 (0.333)	20 (0.369)	18 (0.334)	20 (0.389)	18 (0.332)
Big Game Hunting	20 (0.290)	19 (0.295)	19 (0.323)	19 (0.302)	19 (0.367)	19 (0.308)	18 (0.417)	19 (0.308)	19 (0.449)	19 (0.303)
Ice Fishing	21 (0.218)	21 (0.215)	22 (0.221)	21 (0.213)	22 (0.223)	21 (0.219)	22 (0.221)	21 (0.218)	22 (0.221)	21 (0.217)
Hiking	22 (0.197)	23 (0.158)	21 (0.222)	23 (0.155)	21 (0.254)	23 (0.143)	21 (0.260)	23 (0.136)	21 (0.273)	23 (0.137)
Horseback Riding	23 (0.188)	22 (0.208)	23 (0.193)	22 (0.206)	23 (0.194)	22 (0.206)	23 (0.197)	22 (0.209)	23 (0.200)	22 (0.210)
Hockey	24 (0.037)	26 (0.032)	24 (0.024)	26 (0.030)	25 (0.042)	26 (0.028)	25 (0.045)	26 (0.027)	25 (0.050)	26 (0.027)
Horseshoes	25 (0.037)	24 (0.039)	25 (0.038)	24 (0.040)	24 (0.054)	24 (0.041)	24 (0.054)	24 (0.041)	24 (0.056)	24 (0.041)
Downhill Skiing	26 (0.036)	25 (0.036)	26 (0.036)	25 (0.036)	26 (0.036)	25 (0.036)	26 (0.035)	25 (0.036)	26 (0.036)	25 (0.036)
Trapshooting	27 (0.025)	27 (0.017)	27 (0.025)	27 (0.018)	27 (0.027)	27 (0.016)	27 (0.027)	27 (0.015)	27 (0.025)	27 (0.015)
Archery	28 (0.009)	29 (0.010)	28 (0.009)	29 (0.010)	28 (0.009)	29 (0.011)	28 (0.009)	29 (0.011)	28 (0.009)	29 (0.011)
Sailing	30 (0.007)	30 (0.009)	29 (0.007)	30 (0.010)	29 (0.007)	30 (0.011)	29 (0.007)	30 (0.011)	29 (0.007)	30 (0.011)
Canoeing	29 (0.007)	28 (0.011)	30 (0.007)	28 (0.010)	30 (0.007)	28 (0.011)	30 (0.007)	28 (0.011)	30 (0.007)	28 (0.011)
Soccer	b b	b b	b b	b b	b b	b b	b b	b b	b b	b b

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

<sup>b</sup>No participation occurred in the base year; therefore, no projections could be made.

TABLE 26: RANKING OF OUTDOOR RECREATION ACTIVITIES AND MEAN-DAYS OF PARTICIPATION BY POPULATION FOR STATE, STATISTICAL AND AGE/SEX COHORT METHODS, 1978, 1980, 1985, 1990 AND 1995<sup>a</sup>

Activity	Year									
	1978		1980		1985		1990		1995	
	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method	Statistical Method	Age/Sex Cohort Method
Bicycling	1 (3.021)	1 (3.270)	1 (3.208)	1 (3.259)	1 (3.321)	1 (3.277)	1 (3.508)	1 (3.325)	1 (3.624)	1 (3.235)
Fishing	2 (1.824)	4 (1.808)	2 (1.845)	4 (1.814)	3 (1.873)	3 (1.819)	3 (1.870)	4 (1.819)	5 (1.884)	3 (1.817)
Snowmobiling	3 (1.787)	3 (1.833)	3 (1.807)	3 (1.844)	4 (1.760)	2 (1.863)	5 (1.831)	2 (1.890)	4 (1.997)	2 (1.849)
Outdoor Pool Swimming	4 (1.766)	2 (1.893)	4 (1.806)	2 (1.850)	2 (1.908)	4 (1.543)	2 (2.013)	3 (1.853)	2 (2.089)	4 (1.811)
Golf	5 (1.346)	5 (1.277)	5 (1.478)	5 (1.284)	5 (1.705)	5 (1.281)	4 (1.834)	5 (1.274)	3 (2.001)	5 (1.293)
Camping	6 (1.154)	6 (1.212)	6 (1.184)	7 (1.217)	8 (1.244)	8 (1.230)	8 (1.293)	8 (1.240)	8 (1.324)	7 (1.221)
Jogging	7 (1.120)	8 (1.201)	7 (1.174)	6 (1.224)	6 (1.290)	6 (1.259)	6 (1.367)	6 (1.269)	7 (1.412)	6 (1.237)
Baseball/Softball	8 (1.103)	7 (1.209)	8 (1.164)	8 (1.212)	7 (1.278)	7 (1.228)	7 (1.355)	7 (1.246)	6 (1.413)	8 (1.209)
Ice Skating	9 (1.040)	10 (1.054)	9 (1.060)	10 (1.040)	10 (1.108)	12 (1.033)	10 (1.182)	11 (1.051)	11 (1.176)	12 (1.024)
Picnicking	10 (1.017)	9 (1.064)	10 (1.027)	9 (1.067)	13 (1.053)	9 (1.076)	13 (1.083)	9 (1.085)	13 (1.112)	9 (1.066)
Sledding	11 (0.993)	13 (0.999)	13 (0.939)	13 (0.982)	14 (0.998)	13 (0.976)	14 (1.027)	13 (0.993)	14 (1.018)	13 (0.965)
Powerboating/ Waterskiing	12 (0.974)	11 (1.033)	11 (1.012)	11 (1.028)	9 (1.144)	10 (1.051)	9 (1.232)	10 (1.061)	9 (1.299)	10 (1.041)
Waterfowl Hunting	13 (0.965)	12 (1.001)	12 (1.009)	12 (1.018)	11 (1.070)	11 (1.039)	12 (1.108)	12 (1.045)	12 (1.139)	11 (1.023)
Beach Swimming	14 (0.853)	14 (0.922)	14 (0.933)	14 (0.918)	12 (1.062)	14 (0.922)	11 (1.173)	14 (0.935)	10 (1.255)	14 (0.913)
Upland Game Hunting	15 (0.754)	15 (0.787)	15 (0.778)	15 (0.803)	15 (0.802)	15 (0.825)	15 (0.820)	15 (0.830)	15 (0.836)	15 (0.815)
Tennis	16 (0.504)	16 (0.543)	16 (0.570)	16 (0.543)	16 (0.681)	16 (0.548)	16 (0.751)	16 (0.556)	16 (0.812)	16 (0.542)
Ice Fishing	17 (0.481)	18 (0.501)	17 (0.478)	18 (0.508)	18 (0.471)	18 (0.561)	18 (0.481)	18 (0.516)	18 (0.476)	18 (0.510)
Nongame Hunting	18 (0.479)	17 (0.508)	18 (0.472)	17 (0.520)	17 (0.494)	17 (0.537)	17 (0.494)	17 (0.542)	17 (0.487)	17 (0.527)
Big Game Hunting	19 (0.381)	19 (0.400)	19 (0.389)	19 (0.410)	19 (0.402)	19 (0.422)	19 (0.411)	19 (0.425)	19 (0.416)	19 (0.417)
Visiting Historical Places	20 (0.364)	20 (0.370)	20 (0.376)	20 (0.371)	20 (0.394)	20 (0.372)	20 (0.405)	20 (0.373)	20 (0.414)	20 (0.370)
Cross-Country Skiing	21 (0.293)	21 (0.297)	21 (0.319)	21 (0.302)	21 (0.353)	21 (0.309)	22 (0.331)	21 (0.310)	22 (0.402)	21 (0.307)
Hockey	22 (0.236)	22 (0.290)	22 (0.309)	22 (0.285)	22 (0.343)	22 (0.283)	21 (0.390)	22 (0.288)	21 (0.409)	22 (0.280)
Horseback Riding	23 (0.229)	23 (0.249)	23 (0.219)	23 (0.248)	23 (0.199)	23 (0.248)	23 (0.230)	23 (0.251)	23 (0.228)	23 (0.247)
Downhill Skiing	24 (0.139)	25 (0.141)	25 (0.154)	25 (0.140)	25 (0.155)	25 (0.141)	26 (0.163)	25 (0.142)	26 (0.167)	25 (0.139)
Hiking	25 (0.137)	24 (0.142)	24 (0.159)	24 (0.042)	24 (0.190)	24 (0.145)	24 (0.196)	24 (0.145)	24 (0.207)	24 (0.144)
Trapshooting	26 (0.108)	26 (0.119)	26 (0.125)	26 (0.121)	26 (0.146)	16 (0.124)	25 (0.164)	26 (0.125)	25 (0.176)	26 (0.121)
Sailing	27 (0.068)	27 (0.076)	27 (0.079)	27 (0.077)	27 (0.095)	27 (0.078)	27 (0.109)	27 (0.079)	27 (0.118)	27 (0.077)
Horseshoes	28 (0.052)	28 (0.048)	29 (0.052)	28 (0.049)	29 (0.053)	28 (0.049)	30 (0.052)	28 (0.049)	30 (0.051)	28 (0.050)
Soccer	29 (0.048)	30 (0.044)	28 (0.055)	30 (0.044)	28 (0.065)	30 (0.045)	28 (0.070)	30 (0.045)	28 (0.074)	30 (0.044)
Canoeing	30 (0.044)	29 (0.046)	30 (0.045)	29 (0.046)	30 (0.053)	29 (0.046)	29 (0.057)	29 (0.046)	29 (0.060)	29 (0.046)
Archery	31 (0.028)	31 (0.034)	31 (0.029)	31 (0.035)	31 (0.031)	31 (0.036)	31 (0.031)	31 (0.037)	31 (0.031)	31 (0.035)

<sup>a</sup>Numbers in parenthesis indicate popularity of activity.

of participation. If activity "A" has a high number of participants relative to activity "B", one might say that "A" is more popular than "B". However, total days of participation may be higher for activity "B" than activity "A". Also, population differs by region, making it impossible to compare the popularity of activities across regions. Therefore, a measure of popularity of activities in and across regions must reflect the number of participants, number of days of participation, and population.

Activities were ranked by order of popularity (mean-days of participation for the population) for the statistical and age/sex cohort methods. Rankings of activities for a given year in a given region were very similar for the two projection methods. However, the mean-days of participation of the population generally was higher for the statistical approach than the age/sex cohort approach.<sup>7</sup>

#### Interregional Distribution of Participation

The interregional distribution of the total number of days of participation by activity is required in planning future development projects associated with specific outdoor recreation activities. The interregional distribution of participation by survey respondents was calculated by activity for 1978-1979 (Appendix H). It also was calculated by activity for the population for the base and target years (Appendices I through M).

#### Survey Respondents

The interregional distribution of the total number of days of participation from region of residence to region of occurrence by survey respondents was calculated for 1978-1979 (Appendix Tables H-1 through H-31). Respondents were asked to indicate the county in which they participated and the number of days of participation in each acti-

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<sup>7</sup>When comparing activities across regions and for different years only one method should be used since the methodologies to determine participation estimates differ.

vity. This information was aggregated to the regional level. The following describes the interpretation of tables in Appendix H with an example for upland game hunting provided in Table 27.

Respondents of SR1 participated in upland game hunting 423 days in SR1 (first value in SR1, SR1 component of table), 53 days in SR2 (first value in SR1, SR2 component of table), and nine days in SR8 (first value in SR1, SR8 component of table) for a total of 485 days (row total for SR1) (Appendix Table H-1). Respondents hunted upland game a total of 8,038 days (total in lower right hand column) on a statewide basis. Of those 8,038 days, 423 or 5.26 percent (second value in SR1, SR1 component of table) occurred in SR1 by respondents in SR1.

Of all days of participation in upland game hunting by respondents in SR1 (485), 87.22 percent (third value in SR1, SR1 component of table) occurred in the home region (SR1), while 10.93 percent (third value in SR1, SR2 component of table) occurred in SR2. Of the 672 days of participation occurring in SR1 (total of SR1 column), 423 days or 62.95 percent (fourth value in SR1, SR1 component of table) occurred by residents of SR1, 84 days or 12.50 percent (fourth value in SR2, SR1 component of table) represent days of participation by residents of SR2, etc.

#### Population

The interregional distribution of the total number of days of participation was calculated for the population in the base (1978-1979) and target years (1980, 1985, 1990 and 1995). Numerous calculations were required to derive the distributions. The following is a description of the procedure used to estimate the distributions with total number of days of participation in upland game hunting in 1978-1979 as an example.

TABLE 2. DISCONTINUITY OF THE NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS IN HUNTING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978-1979

From Region of Residence	To Region of Participation								Total	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	<u>423</u> 5.26 <u>87.22</u> 62.95	<u>53</u> 0.66 <u>10.93</u> 3.02	<u>0</u> 0.00 <u>0.00</u> 0.00	<u>0</u> 0.00 <u>0.00</u> 0.00	<u>0</u> 0.00 <u>0.00</u> 0.00	<u>0</u> 0.00 <u>0.00</u> 0.00	<u>0</u> 0.00 <u>0.00</u> 0.00	<u>0</u> 0.00 <u>0.00</u> 0.00	<u>9</u> 0.11 <u>1.86</u> 0.90	<u>485</u> 6.03
SR2	<u>84</u> 1.05 4.76 12.50	<u>1509</u> 18.77 85.50 85.93	<u>15</u> 0.19 0.85 3.69	<u>0</u> 0.00 0.00 0.00	<u>12</u> 0.15 0.68 1.26	<u>5</u> 0.06 0.28 0.57	<u>106</u> 1.32 6.01 4.86	<u>34</u> 0.42 1.93 3.41	<u>1765</u> 21.96	
SR3	<u>12</u> 0.15 3.23 1.79	<u>20</u> 0.25 5.38 1.14	<u>282</u> 3.51 75.81 69.29	<u>6</u> 0.07 1.61 3.02	<u>12</u> 0.15 3.23 1.26	<u>1</u> 0.01 0.27 0.11	<u>25</u> 0.31 6.72 1.15	<u>14</u> 0.17 3.76 1.40	<u>372</u> 4.63	
SR4	<u>7</u> 0.09 2.17 1.04	<u>16</u> 0.20 4.97 0.91	<u>47</u> 0.58 14.60 11.55	<u>187</u> 2.33 58.07 93.97	<u>15</u> 0.19 4.66 1.58	<u>17</u> 0.21 5.28 1.94	<u>16</u> 0.20 4.97 0.73	<u>17</u> 0.21 5.28 1.71	<u>322</u> 4.01	
SR5	<u>42</u> 0.52 3.23 6.25	<u>64</u> 0.80 4.92 3.64	<u>33</u> 0.41 2.54 8.11	<u>0</u> 0.00 0.00 0.00	<u>877</u> 10.91 67.41 92.22	<u>74</u> 0.92 5.69 8.44	<u>155</u> 1.93 11.91 7.11	<u>56</u> 0.70 4.30 5.62	<u>1301</u> 16.19	
SR6	<u>10</u> 0.12 1.07 1.49	<u>45</u> 0.56 4.83 2.56	<u>11</u> 0.14 1.18 2.70	<u>6</u> 0.07 0.64 3.02	<u>31</u> 0.39 3.33 3.26	<u>721</u> 8.97 77.44 82.21	<u>45</u> 0.56 4.83 2.07	<u>62</u> 0.77 6.66 6.22	<u>931</u> 11.58	
SR7	<u>71</u> 0.88 3.41 10.57	<u>40</u> 0.50 1.92 2.28	<u>3</u> 0.04 0.14 0.74	<u>0</u> 0.00 0.00 0.00	<u>4</u> 0.05 0.19 0.42	<u>59</u> 0.73 2.84 6.73	<u>1831</u> 22.78 87.99 84.03	<u>73</u> 0.91 3.51 7.32	<u>2081</u> 25.89	
SR8	<u>23</u> 0.29 2.94 3.42	<u>9</u> 0.11 1.15 0.51	<u>16</u> 0.20 2.05 3.93	<u>0</u> 0.00 0.00 0.00	<u>0</u> 0.00 0.00 0.00	<u>0</u> 0.00 0.00 0.00	<u>1</u> 0.01 0.13 0.05	<u>732</u> 9.11 93.73 73.42	<u>781</u> 9.72	
TOTAL	<u>672</u> 8.36	<u>1756</u> 21.85	<u>407</u> 5.06	<u>199</u> 2.48	<u>951</u> 11.83	<u>877</u> 10.91	<u>2179</u> 27.11	<u>997</u> 12.40	<u>8038</u> 100.00	

An adjustment was required for the distribution of total number of days by respondents (Appendix H) to align the sample and population distributions since the two distributions differed (Table 1). The total number of days of participation for the population by region (from even numbered tables in Appendix D) was summed with each regional estimate divided by the summation<sup>8</sup> to determine the percent of participation which occurred in each region. These values differ slightly from the percent of participation for the sample occurring in each region due to rounding error (second value in each cell of right hand column in Appendix H). The adjustment factor was multiplied by the distribution of total number of days of participation by respondents in 1978 (second value in cell, Appendix H).

For example, there were estimated to be 489,302 days of participation by the state population in upland game hunting in 1978-1979 (Table 28), with 7.85 percent of total days participated occurring by residents of SR1, 26.19 percent by residents of SR2, etc. However, results from survey respondents indicated that 6.03 percent of participation occurred by residents of SR1, 21.96 percent by residents of SR2, etc. On that basis, participation would be overstated in some regions and understated in others if the sample distribution was used to project participation on a regional or state level. Therefore, the percent of total days participated by the population was divided by the percent of total days participated by the sample to arrive at an adjustment factor (i.e., for SR1, 7.85 percent of percent of participation of the population divided by 6.03 percent of participation of the sample respondents = 1.3018). The adjustment factor was taken times the second value in each cell (percent of total days participated) on a regional basis (i.e., 1.3018 X 5.26 = 6.85), which yields the percent of days participated by the population (second value in SR1, SR1, component of Appendix Table I-1).

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<sup>8</sup>Regional totals are not additive to state totals. For an explanation, see page 35.

TABLE 28: METHOD TO ADJUST TOTAL NUMBER OF DAYS PARTICIPATED FROM SAMPLE TO POPULATION DISTRIBUTION, UPLAND GAME HUNTING, 1978-1979

Region	Total Days Participated, Population, 1978-1979	Percent of Total Participation, Population	Percent of Total Participation, Sample	Adjustment Factor	Percent Participation, Sample, 1978-1979		Percent Participation, Population, 1978-1979	
					SR1	SR2	SR1	SR2
SR1	38,406	7.85	6.03	1.3018	5.26	.66	6.85	.86
SR2	128,156	26.19	21.96	1.1926	1.05	18.77	1.25	22.39
SR3	22,060	4.51	4.63	.9701	.15	.25	.15	.24
SR4	24,748	5.06	4.01	1.2618	.09	.20	.11	.25
SR5	84,324	17.23	16.19	1.0642	.52	.80	.55	.85
SR6	44,122	9.02	11.58	.7789	.12	.56	.09	.44
SR7	107,653	22.00	25.89	.8497	.88	.50	.75	.42
SR8	39,833	8.14	9.72	.8374	.29	.11	.24	.09
Total	489,302							
Source:	Appendix Table D-2		Appendix Table H-1		Appendix Table H-1	Appendix Table H-1		

The interregional population distribution of total days participated from region of residence to region of occurrence for the base and target years are listed in Appendices I through M, with upland game hunting in 1978-1979 provided as an example in Table 29.<sup>9</sup>

Residents of SR1 participated 33,502 days in upland game hunting in SR1 (first value in SR1, SR1 component of table), 4,204 days in SR2 (first value in SR1, SR2 component of table), and 701 days in SR8 (first value in SR1, SR8 component of table) for a total of 38,406 days (row total for SR1). Residents hunted upland game a total of 489,254 days (total in lower right hand column) on a statewide basis. Of those 489,254 days, 33,502 or 6.85 percent (second value in SR1, SR1 component of table) occurred in SR1 by residents in SR1.

Of all days of participation in upland game hunting by residents of SR1 (38,406), 87.23 percent (third value in SR1, SR1 component of table) occurred in the home region (SR1), while 10.95 percent (third value in SR1, SR2 component of table) occurred in SR2. Of the 48,913 days of participation in SR1 (total of SR1 column) 33,502 days or 68.49 percent (fourth value in SR1, SR1 component of table) occurred by residents of SR1, 6,128 days or 12.53 percent (fourth value in SR2, SR1 component of table) represent days of participation by residents of SR2, etc.

The projected number of days of participation from the odd numbered tables in Appendix D and those in Appendices I, J, K, L and M (lower right hand corner of each table) may differ due to rounding error. Rounding error may also occur in the row total for Appendices I, J, K, L and M.

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<sup>9</sup>The interregional distributions in Appendices I through M were based on the statistical approach.



TABLE 29

DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	33502 6.85 87.23 <del>68.49</del>	4204 0.86 10.95 3.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.14 1.82 1.32	701 0.14 1.82 1.32	38406 7.85
SR2	6128 1.25 4.78 12.53	109540 22.39 85.47 87.63	1109 0.23 0.87 4.42	0 0.00 0.00 0.00	875 0.18 0.68 1.43	350 0.07 0.27 0.80	7703 1.57 6.01 6.56	2451 0.50 1.91 4.63	129156 26.19	
SR3	715 0.15 3.25 1.46	1191 0.24 5.41 0.95	16724 3.42 75.97 66.72	334 0.07 1.52 2.23	715 0.15 3.25 1.17	48 0.01 0.22 0.11	1477 0.30 6.71 1.26	810 0.17 3.68 1.53	22012 4.50	
SR4	555 0.11 2.24 1.14	1234 0.25 4.99 0.99	3580 0.73 14.46 14.28	14380 2.94 58.10 95.99	1173 0.24 4.74 1.91	1296 0.26 5.24 2.97	1234 0.25 4.99 1.05	1296 0.26 5.24 2.45	24748 5.06	
SR5	2708 0.55 3.21 5.54	4167 0.85 4.94 3.33	2135 0.44 2.53 8.52	0 0.00 0.00 0.00	56824 11.61 67.39 92.73	4792 0.98 5.68 10.97	10052 2.05 11.92 8.57	3646 0.75 4.32 6.88	84324 17.24	
SR6	457 0.09 1.04 0.93	2134 0.44 4.84 1.71	533 0.11 1.21 2.13	267 0.05 0.60 1.78	1486 0.30 3.37 2.42	34177 6.98 77.46 78.21	2134 0.44 4.84 1.82	2934 0.60 6.65 5.54	44122 9.02	
SR7	3659 0.75 3.40 7.48	2079 0.42 1.93 1.66	166 0.03 0.15 0.66	0 0.00 0.00 0.00	208 0.04 0.19 0.34	3035 0.62 2.82 6.95	94721 19.36 87.99 80.71	3784 0.77 3.51 7.15	107653 22.00	
SR8	1188 0.24 2.98 2.43	451 0.09 1.13 0.36	820 0.17 2.06 3.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	41 0.01 0.10 0.03	37333 7.63 93.72 70.50	39833 8.14	
TOTAL	48913 10.00	124999 25.55	25067 5.12	14980 3.06	61280 12.53	43698 8.93	117363 23.99	52954 10.82	489254 100.00	

Interregional distributions of total days participated for the target years were based on 1978 distributions. That is, the percent of total days participated (second value in each cell from tables in Appendix H) will not change over time. However, the distribution of the total number of days participated will change for each of the target years, since each of the coefficients is multiplied by an adjustment factor.

### Summary

The objective of this study was to estimate participation in specific outdoor recreation activities using a seasonal participation approach. A random sample of 18,000 households in North Dakota (9.9 percent sample) was surveyed to obtain information on who participates, how often and where. Two questionnaires were developed to collect information on participation in outdoor recreation activities--one for fall and winter activities and one for spring and summer activities. Response rates were 20.6 percent for the fall and winter questionnaire and 16.0 percent for the spring and summer questionnaire.

Two approaches were used to project regional and statewide participation and average number of days of occurrence in 31 outdoor activities for the base (1978-1979) and target years (1980, 1985, 1990 and 1995). The statistical approach involved estimation of two regression equations for each activity at the planning region level and for the state. One equation was designed to predict the probability of participation, while the other equation was used to predict average number of days of participation. The age/sex cohort approach involved estimation of changes in the age and sex distribution of the population to project changes in participation. Projections of the number of participants by region of residence using the statistical method are summarized in the odd numbered tables in Appendix N, while the even numbered tables contain a summary of total days of participation. The odd numbered tables in Appendix O contain a summary of the number of participants projected using the age/sex cohort approach, while the even numbered tables show total days of participation for the base and target years.

Results of the two projection methods were compared to determine similarity. Wide variances in the results occurred, especially in the distant projections. Mean-days of participation were generally lower for the age/sex cohort approach than the statistical approach. However, when activities were ranked by popularity, the results of the two projection methods were very similar.

Interregional distribution of participation was calculated on a regional and statewide basis for the base and target years. The total number of days of participation projected using the statistical method was used to determine participation from region of residence to region of occurrence. The total number of days of participation occurring in a given region are summarized by activity and year in Appendix P.

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APPENDIX A  
COVER LETTERS AND  
QUESTIONNAIRES

NORTH DAKOTA STATE UNIVERSITY  
OF AGRICULTURE AND APPLIED SCIENCE  
FARGO, NORTH DAKOTA 58102

AGRICULTURAL ECONOMICS

AREA CODE 701  
TELEPHONE 237-7441

Dear Recreationist:

More and more North Dakota residents each year participate in recreation activities. We are presently studying the areas and facilities needed to meet future outdoor recreational interests and demands of state residents. The North Dakota Parks and Recreation Department in cooperation with the Department of Agricultural Economics at North Dakota State University are carrying out this study.

A selected number of families are being asked to complete the enclosed questionnaire. We ask you to cooperate to assure that we have a proper sample of residents across the state. Please complete the questionnaire at your earliest convenience--right now if you can--and return in the stamped, self-addressed envelope enclosed. Information you provide will be kept strictly confidential. It will be combined with data from other respondents.

We greatly appreciate your willingness to cooperate with us by completing the questionnaire.

Sincerely yours,

Arthur A. Link  
Governor

AAL/jmm

Enclosures

NORTH DAKOTA STATE UNIVERSITY  
OF AGRICULTURE AND APPLIED SCIENCE  
FARGO, NORTH DAKOTA 58102

AGRICULTURAL ECONOMICS

AREA CODE 701  
TELEPHONE 237-7441

Dear Recreationist:

Recently you received an outdoor recreation questionnaire from the Department of Agricultural Economics at North Dakota State University. If you have not already completed the questionnaire, please take a few minutes and do so now. For your convenience another questionnaire is enclosed in case you did not receive or misplaced the first survey form.

We would like to re-emphasize that your response is crucial to the overall results of the study. Please complete the questionnaire and return in the stamped, self-addressed envelope enclosed.

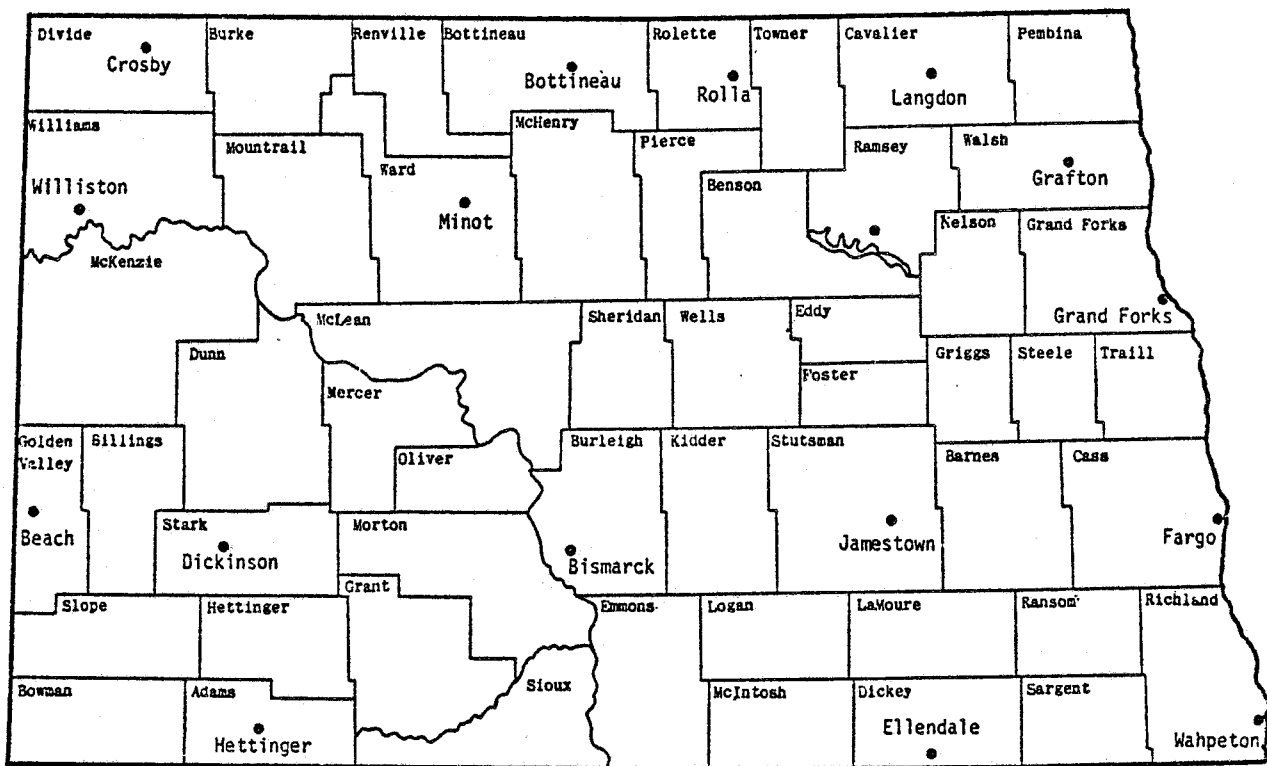
If you have already completed the questionnaire and returned it in the self-addressed envelope, thank you for your cooperation and please disregard this reminder. Your cooperation is greatly appreciated.

Sincerely yours,

Arthur A. Link  
Governor

AAL/jmm

Enclosures



Please use these county abbreviations in filling out the questionnaire.

<u>North Dakota Counties</u>	<u>Abbr.</u>	<u>North Dakota Counties</u>	<u>Abbr.</u>	<u>North Dakota Counties</u>	<u>Abbr.</u>
1. Adams	AD	19. Grant	GR	37. Ransom	RN
2. Barnes	BA	20. Griggs	GI	38. Renville	RE
3. Benson	BE	21. Hettinger	HE	39. Richland	RI
4. Billings	BI	22. Kidder	KI	40. Rolette	RO
5. Bottineau	BO	23. LaMoure	LM	41. Sargent	SA
6. Bowman	BN	24. Logan	LO	42. Sheridan	SH
7. Burke	BU	25. McHenry	MH	43. Sioux	SI
8. Burleigh	BR	26. McIntosh	MI	44. Slope	SL
9. Cass	CA	27. McKensie	MK	45. Stark	ST
10. Cavalier	CV	28. McLean	ML	46. Steele	SE
11. Dickey	DI	29. Mercer	ME	47. Stutsman	SU
12. Divide	DV	30. Morton	MO	48. Towner	TO
13. Dunn	DN	31. Mountrail	MT	49. Traill	TR
14. Eddy	ED	32. Nelson	NE	50. Walsh	WA
15. Emmons	EM	33. Oliver	OL	51. Ward	WR
16. Foster	FO	34. Pembina	PE	52. Wells	WE
17. G Valley	GV	35. Pierce	PI	53. Williams	WI
18. G Forks	GF	36. Ramsey	RA	54. Home County	HC



North Dakota Outdoor Recreation Survey  
 Department of Agricultural Economics  
 and  
 North Dakota Parks and Recreation Department

- - CONFIDENTIAL - -

A. What fall and winter outdoor recreation activities does your family participate in the most? \_\_\_\_\_

B. HOUSEHOLD INFORMATION: List numerically, starting with the head of household as No. 1, all members (do not give names) now residing in your household indicating only their relationship and age, i.e., husband, wife, son, daughter, grandfather, unrelated, etc., and relate that person's assigned number to his/her recreation activity throughout the entire questionnaire.

Member	Relationship	Age	Sex	Member	Relationship	Age	Member	Relationship	Age
No. 1	Head of Household*			No. 5			No. 9		
No. 2			X	No. 6			No. 10		
No. 3			X	No. 7			No. 11		
No. 4			X	No. 8			No. 12		

\*You only need to provide sex designation for the head of household.

C. DEMOGRAPHIC INFORMATION: The following information is needed to project recreation activity on a statewide basis. The information you provide will be aggregated for statistical purposes, assuring the confidentiality of your response. This is a very important part of the survey and your cooperation will be greatly appreciated.

1. What is your county of permanent residence? \_\_\_\_\_
2. Which of the following best describes the location of your residence?
 

_____ a. city over 50,000	_____ d. farm or ranch
_____ b. city between 2,500 and 50,000	_____ e. rural nonfarm
_____ c. community under 2,500 population	
3. What is the primary occupation of each employed household member? Please list the number assigned each household member in section B beside the occupation most nearly describing his/her work.
 

_____ a. professional (doctor, dentist, teacher, etc.)	_____ h. truck, bus driver, other operative services
_____ b. executive, manager, public official	_____ i. housewife
_____ c. craftsman (carpenter, etc.)	_____ j. armed forces
_____ d. clerk, secretary	_____ l. student
_____ e. farmer, rancher	_____ m. other (specify) _____
_____ f. sales	
_____ g. laborer	
4. What is the employment status of the head of household?
 

_____ a. employed full time	_____ c. unemployed
_____ b. employed part-time	_____ d. retired
5. Does the head of household receive an annual paid vacation?      yes      no  
 If yes, how many paid vacation days per year?      If head of household is self-employed, how many vacation days are taken per year?
6. What is the marital status of head of household?  
 \_\_\_\_\_ a. married \_\_\_\_\_ b. single
7. What is the highest year of education the head of household has completed? (please circle)  

1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20
Grade School	High School	University, Business, or Trade School	Graduate School
8. INCOME: Please check income category that includes your total income before taxes and deductions (gross income). For special cases (such as students living away from home during the school year), please check the category that includes your gross income.
 

_____ a. less than \$4,999	_____ d. \$15,000 - \$19,999
_____ b. \$5,000 - \$9,999	_____ e. \$20,000 - \$24,999
_____ c. \$10,000 - \$14,999	_____ f. \$25,000 and over

D. FALL AND WINTER RECREATION ACTIVITIES: For the period September 1, 1978, through March 31, 1979, please provide an estimate of the total number of trips, the total number of days, and the county(ies) where each day's activity occurred for each household member who participated in the activities (listed below) within the state of North Dakota.

An example is provided for completing this portion of the questionnaire. Assume this sample family is composed of the head of household, wife, and son who participated in the following activities:

1. The father and son took a grouse hunting trip and on that trip they hunted one day in Dunn (DN) County and one day in Stark (ST) County.
2. On another trip the entire family went downhill skiing in Bottineau (BO) County for three days. The son also went snowmobiling one day during this trip.
3. On another trip the family went skiing out of state (Montana). The miles traveled one way from their home was 150 miles. If more than one trip was made, use the average miles per trip. This information is recorded in the two extreme right-hand columns.
4. Yet, on another occasion the son went sledding locally [no trip involved, home county (HC)] for two hours. (Any activity participated in for any portion of a day is considered one day's activity.)

These activities are recorded below as an example to provide you with guidance in filling out the questionnaire. A map of North Dakota is provided on the back side of the cover letter to help you in identifying the counties where you and other household members participated in the recreation activities listed.

EXAMPLE

ACTIVITIES AND LOCATION	IN-STATE PARTICIPATION HOUSEHOLD MEMBERS										OUT OF STATE				
	No. 1		No. 2		No. 3		No. 4		No. 5		Nos. 6-12				
	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days			
1. UPLAND GAME HUNTING (GROUSE, PHEASANTS, ETC.)	DN	1			DN	1									
	ST	1			ST	1									
2. DOWNHILL SKIING	BO	3	BO	3	BO	3								1	150
3. SNOWMOBILING					BO	1									
4. SLEDDING					HC	1									

\*Miles traveled one way from your home. If more than one trip was made out of state for the same activity, estimate the average miles traveled one way from your home for all trips made.

Please complete the following table, estimating as accurately as you can, each household member's participation in the activities listed for the period September 1, 1978, through March 31, 1979. (Use the example on the previous page as a guide.) If the number of counties and days exceed the lines provided for any one activity, please continue it in an activity box for an activity the household members did not participate in and renumber the box. For example, if more than four lines are needed for upland game hunting (No. 1) and ice fishing (No. 5) is blank, renumber No. 5 as No. 1 and list the balance of your upland game hunting there. Households of six or more members should summarize activities for the sixth or more member(s) in the column marked "Nos. 6-12."

ACTIVITIES AND LOCATION	IN-STATE PARTICIPATION										OUT OF STATE			
	HOUSEHOLD MEMBERS										NO. OF TRIPS	MILES TRAVELED*		
	No. 1		No. 2		No. 3		No. 4		No. 5				Nos. 6-12	
No. of Trips	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
1. UPLAND GAME HUNTING (GROUSE, PHEASANT, ETC.)														
2. WATERFOWL HUNTING														
3. BIG GAME HUNTING (DEER, ANTELOPE, ETC.)														
4. NONGAME HUNTING (COYOTE, FOX, ETC.)														
5. ICE FISHING														
6. CROSS-COUNTRY SKIING														
7. DOWNHILL SKIING														
8. SNOWMOBILING														
9. SLEDDING														
10. ICE SKATING														
11. HOCKEY														

\*Miles traveled one way from your home. If more than one trip was made out of state for the same activity, estimate the average miles traveled one way from your home for all trips made.

There may be some fall and winter outdoor recreation activities that members of your household participated in that are not identified on the previous page (e.g., hiking, snow shoeing, fall and winter camping, etc.). You are encouraged to identify those activities and indicate participation in them below.

ACTIVITIES AND LOCATION	IN-STATE PARTICIPATION HOUSEHOLD MEMBERS										OUT OF STATE			
	No. 1		No. 2		No. 3		No. 4		No. 5		Nos. 6-12		NO. OF TRIPS	MILES TRAVELED*
	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
12.														
13.														
14.														
15.														
16.														

\*Miles traveled one way from your home. If more than one trip was made out of state for the same activity, estimate the average miles traveled one way from your home for all trips made.

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

This questionnaire is for measuring fall and winter outdoor recreation activities. We also need information on spring and summer activities to properly assess future outdoor recreational interests and demands of state residents. You will receive a similar questionnaire on spring and summer activities in September, 1979. Your cooperation in this recreation study is greatly appreciated.

THANK YOU.

North Dakota Outdoor Recreation Survey  
 Department of Agricultural Economics  
 and  
 North Dakota Parks and Recreation Department

- - CONFIDENTIAL - -

A. What spring and summer outdoor recreation activities does your family participate in the most? \_\_\_\_\_

B. **HOUSEHOLD INFORMATION:** List numerically, starting with the head of household as No. 1, all members (do not give names) now residing in your household indicating only their relationship and age, i.e., husband, wife, son, daughter, grandfather, unrelated, etc., and relate that person's assigned number to his/her recreation activity throughout the entire questionnaire.

Member	Relationship	Age	Sex	Member	Relationship	Age	Member	Relationship	Age
No. 1	Head of Household*			No. 5			No. 9		
No. 2			X	No. 6			No. 10		
No. 3			X	No. 7			No. 11		
No. 4			X	No. 8			No. 12		

\*You only need to provide sex designation for the head of household.

C. **DEMOGRAPHIC INFORMATION:** The following information is needed to project recreation activity on a statewide basis. The information you provide will be aggregated for statistical purposes, assuring the confidentiality of your response. This is a very important part of the survey and your cooperation will be greatly appreciated.

- What is your county of permanent residence? \_\_\_\_\_
- Which of the following best describes the location of your residence?
  - \_\_\_\_\_ a. city over 50,000
  - \_\_\_\_\_ b. city between 2,500 and 50,000
  - \_\_\_\_\_ c. community under 2,500 population
  - \_\_\_\_\_ d. farm or ranch
  - \_\_\_\_\_ e. rural nonfarm
- What is the primary occupation of each employed household member? Please list the number assigned each household member in section B beside the occupation most nearly describing his/her work.
  - \_\_\_\_\_ a. professional (doctor, dentist, teacher, etc.)
  - \_\_\_\_\_ b. executive, manager, public official
  - \_\_\_\_\_ c. craftsman (carpenter, etc.)
  - \_\_\_\_\_ d. clerk, secretary
  - \_\_\_\_\_ e. farmer, rancher
  - \_\_\_\_\_ f. sales
  - \_\_\_\_\_ g. laborer
  - \_\_\_\_\_ h. truck, bus driver, other operative
  - \_\_\_\_\_ i. services
  - \_\_\_\_\_ j. housewife
  - \_\_\_\_\_ k. armed forces
  - \_\_\_\_\_ l. student
  - \_\_\_\_\_ m. other (specify) \_\_\_\_\_
- What is the employment status of the head of household?
  - \_\_\_\_\_ a. employed full time
  - \_\_\_\_\_ b. employed part-time
  - \_\_\_\_\_ c. unemployed
  - \_\_\_\_\_ d. retired
- Does the head of household receive an annual paid vacation? yes no  
 If yes, how many paid vacation days per year? \_\_\_\_\_ If head of household is self-employed, how many vacation days are taken per year? \_\_\_\_\_
- What is the marital status of head of household?
  - \_\_\_\_\_ a. married
  - \_\_\_\_\_ b. single
- What is the highest year of education the head of household has completed? (please circle)
 

1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20
Grade School	High School	University, Business, or Trade School	Graduate School
- INCOME:** Please check the income category that includes your total income before taxes and deductions (gross income). For special cases (such as students living away from home during the school year), please check the category that includes your gross income.
  - \_\_\_\_\_ a. less than \$5,000
  - \_\_\_\_\_ b. \$5,000 - \$9,999
  - \_\_\_\_\_ c. \$10,000 - \$14,999
  - \_\_\_\_\_ d. \$15,000 - \$19,999
  - \_\_\_\_\_ e. \$20,000 - \$24,999
  - \_\_\_\_\_ f. \$25,000 and over

- D. 1. Has the increase in the price of gasoline affected your participation in outdoor recreation activities you engage in throughout the year, including fall and winter activities? yes no
2. Has the shortage or potential shortage of gasoline affected your participation in outdoor recreation activities you engage in throughout the year, including fall and winter activities? yes no
3. If the answer to either of the above questions is Yes, how has the energy situation affected your participation in general in outdoor recreation activities? (Check one)
- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| <u>    </u> Participate 0-10% less   | <u>    </u> Participate 0-10% more   |
| <u>    </u> Participate 10-20% less  | <u>    </u> Participate 10-20% more  |
| <u>    </u> Participate 20-30% less  | <u>    </u> Participate 20-30% more  |
| <u>    </u> Participate 30-40% less  | <u>    </u> Participate 30-40% more  |
| <u>    </u> Participate 40-50% less  | <u>    </u> Participate 40-50% more  |
| <u>    </u> Participate 50-100% less | <u>    </u> Participate 50-100% more |
- Participate the same but closer to home

E. SPRING AND SUMMER RECREATION ACTIVITIES: For the period April 1, 1979, through August 31, 1979, please provide an estimate of the total number of trips, the total number of days, and the county(ies) where each day's activity occurred for each household member who participated in the activities (listed below) within the state of North Dakota.

An example is provided for completing this portion of the questionnaire. Assume this sample family is composed of the head of household, wife, and son who participated in the following activities:

- The father and son took a fishing trip and on that trip they fished one day in Dunn (DN) County and one day in Mercer (ME) County.
- On another trip the entire family went camping in Bottineau (BO) County for three days.
- On another trip the family went camping out of state (Montana). The miles traveled one way from their home was 150 miles. If more than one trip was made, use the average miles per trip. This information is recorded in the two extreme right-hand columns.
- Yet, on another occasion the son went golfing locally [no trip involved, home county (HC)] for two hours. (Any activity participated in for any portion of a day is considered one day's activity.)

These activities are recorded below as an example to provide you with guidance in filling out the questionnaire. A map of North Dakota is provided on the back side of the cover letter to help you in identifying the counties where you and other household members participated in the recreation activities listed.

EXAMPLE

ACTIVITIES AND LOCATION	IN-STATE PARTICIPATION BY HOUSEHOLD MEMBERS										OUT OF STATE	
	No. 1		No. 2		No. 3		No. 4		Nos. 5-12		NO. OF TRIPS	MILES TRAVELED
No. of Trips	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
1. Fishing	DN	1			DN	1					1	150
	ME	1			ME	1						
2. Camping	BO	3	BO	3	BO	3					1	150
3. Golfing					HC	1						

\*Miles traveled one-way from your home. If more than one trip was made out-of-state for the same activity, estimate the average miles traveled per one way from your home for all trips made.

Please complete the following table, estimating as accurately as you can, each household member's participation in the activities listed for the period April 1, 1979, through August 31, 1979. (Use the example on the previous page as a guide.) If the number of counties and days exceed the lines provided for any one activity, please continue it in an activity box for an activity the household members did not participate in and renumber the box. For example, if more than three lines are needed for fishing (No. 1) and picnicking (No. 5) is blank, renumber No. 5 as No. 1 and list the balance of your fishing there. Households of six or more members should summarize activities for the sixth or more member(s) in the column marked "Nos. 6-12."

ACTIVITIES AND LOCATION	IN-STATE PARTICIPATION BY HOUSEHOLD MEMBERS												OUT OF STATE	
	No. 1		No. 2		No. 3		No. 4		No. 5		Nos. 6-12		No. of TRIPS	MILES TRAVELED*
	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
1. FISHING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
2. POWERBOATING/ WATERSKIING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
3. BEACH SWIMMING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
4. OUTDOOR POOL SWIMMING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
5. PICNICKING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
6. CAMPING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
7. VISITING HISTORICAL PLACES	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
8. BICYCLING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
9. BASEBALL/ SOFTBALL	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
10. GOLF	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
11. TENNIS	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
12. JOGGING	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		

PLEASE INDICATE NUMBER OF TRIPS FOR EACH HOUSEHOLD MEMBER IF ACTIVITY OCCURRED OUTSIDE HOME COUNTY

\*Miles traveled one way from your home. If more than one trip was made out of state for the same activity, estimate the average miles traveled one way from your home for all trips made.

There may be some spring and summer outdoor recreation activities that members of your household participated in that are not identified on the previous page, such as sailing, canoeing, hiking, horseback riding, archery, trapshooting, soccer, horseshoes, etc. You are encouraged to identify those activities and indicate participation in them below.

PLEASE INDICATE NUMBER OF TRIPS FOR EACH HOUSEHOLD MEMBER IF ACTIVITY OCCURRED OUTSIDE HOME COUNTY

ACTIVITIES AND LOCATION	IN-STATE PARTICIPATION BY HOUSEHOLD MEMBERS												OUT OF STATE	
	No. 1		No. 2		No. 3		No. 4		No. 5		Nos. 6-12		No. OF TRIPS	MILES TRAVELED*
	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days	County	No. Days		
No. of Trips 12.														
No. of Trips 13.														
No. of Trips 14.														
No. of Trips 15.														
No. of Trips 16.														

\*Miles traveled one way from your home. If more than one trip was made out of state for the same activity, estimate the average miles traveled one way from your home for all trips made.

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Your cooperation in this recreation study has been greatly appreciated.

THANK YOU.



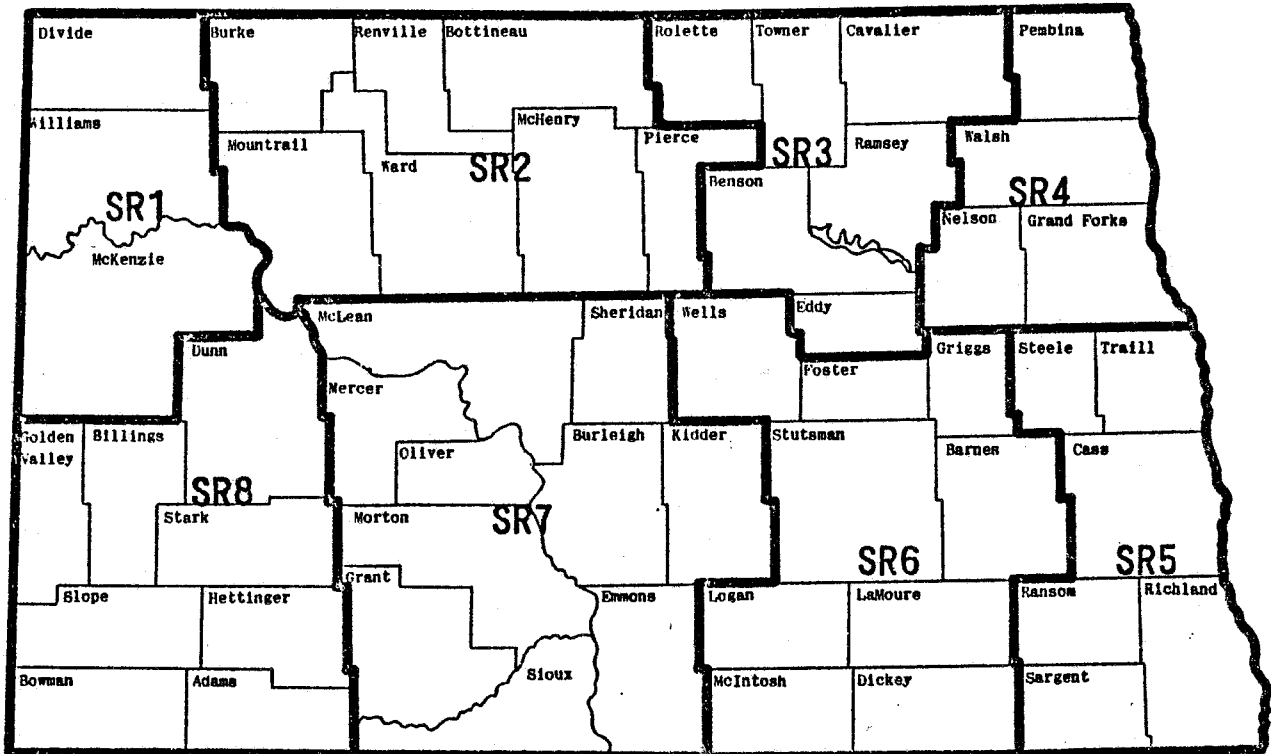
APPENDIX B  
INTERREGIONAL FLOWS OF RESPONDENTS FROM REGION OF  
RESIDENCE TO REGION OF PARTICIPATION, BY ACTIVITY, 1978

An individual can participate in a specific activity in up to eight regions. Generally, he/she would not go to each, but may choose one or several regions over the course of a season. The choices of region(s) from region of residence for each activity are shown in Appendix Tables B-1 through B-31. The information provided in Appendix Table B-1 (Upland Game Hunting) can be interpreted as follows.

A total of 287 different regional choices were made by all respondents in SR5 who participated in upland game hunting over (row total for SR5). Of those, 160 reflected the choice of the home region (SR5) while 31 reflected SR6. The cumulative frequency of regional choices for SR5 (287) should not be interpreted as the total number of participants from that region. It reflects only regional choices, irrespective of the number of times of participation. A resident of SR5 who upland game hunted in SR4, SR5, and SR6 would be counted three times in the row totals. At one time or many times during the fall and winter, he/she upland game hunted in each of three regions.

A total of 1,596 regional choices (total in lower right hand column) were made by respondents on a statewide basis. Of those 1,596 regional choices, 160 or 10.03 percent (second value in SR5, SR5 component of table) were to participate in upland game hunting in SR5 by respondents in SR5.

Of all regional choices made by respondents in SR5 for upland game hunting (287), 55.75 percent of the choices (third value in SR5, SR5 component of table) reflect participation in home region (SR5). SR5 was the regional choice in 186 of the 1,596 choices (total of SR5 column). One hundred sixty of those (86.02 percent) were made by residents of SR5, 7 (3.76 percent) were made by residents of SR6, etc.



APPENDIX TABLE B-1  
 FLOWS OF RESPONDENTS PARTICIPATING IN UPLAND GAME HUNTING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	83 5.20 85.57 56.46	9 0.56 9.28 3.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.31 5.15 2.60	97 6.08
SR2	27 1.69 9.15 18.37	221 13.85 74.92 77.54	4 0.25 1.36 4.04	0 0.00 0.00 0.00	2 0.13 0.68 1.08	3 0.19 1.02 1.53	24 1.50 8.14 5.49	14 0.88 4.75 7.29	295 18.48
SR3	4 0.25 4.04 2.72	5 0.31 5.05 1.75	65 4.07 65.66 65.66	3 0.19 3.03 5.56	6 0.38 6.06 3.23	1 0.06 1.01 0.51	10 0.63 10.10 2.29	5 0.31 5.05 2.60	99 6.20
SR4	3 0.19 2.97 2.04	7 0.44 6.93 2.46	13 0.81 12.87 13.13	50 3.13 49.50 92.59	9 0.56 8.91 4.84	7 0.44 6.93 3.57	5 0.31 4.95 1.14	7 0.44 6.93 3.65	101 6.33
SR5	10 0.63 3.48 6.80	14 0.88 4.88 4.91	8 0.50 2.79 8.08	0 0.00 0.00 0.00	160 10.03 55.75 86.02	31 1.94 10.80 15.82	46 2.88 16.03 10.53	18 1.13 6.27 9.38	287 17.98
SR6	3 0.19 1.46 2.04	12 0.75 5.85 4.21	4 0.25 1.95 4.04	1 0.06 0.49 1.85	7 0.44 3.41 3.76	140 8.77 68.29 71.43	20 1.25 9.76 4.58	18 1.13 8.78 9.38	205 12.84
SR7	10 0.63 2.49 6.80	13 0.81 3.24 4.56	3 0.19 0.75 3.03	0 0.00 0.00 0.00	2 0.13 0.50 1.08	14 0.88 3.49 7.14	331 20.74 82.54 75.74	28 1.75 6.98 14.58	401 25.13
SR8	7 0.44 6.31 4.76	4 0.25 3.60 1.40	2 0.13 1.80 2.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.06 0.90 0.23	97 6.08 87.39 50.52	111 6.95
TOTAL	147 9.21	285 17.86	99 6.20	54 3.38	186 11.65	196 12.28	437 27.38	192 12.03	1596 100.00

APPENDIX TABLE B-2  
 FLOWS OF RESPONDENTS PARTICIPATING IN WATERFOWL HUNTING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	46 2.81 79.31 71.88	10 0.61 17.24 2.95	1 0.06 1.72 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.06 1.72 0.37	0 0.00 0.00 0.00	58 3.54
SR2	6 0.37 2.05 9.38	246 15.03 83.96 72.57	14 0.86 4.78 4.15	2 0.12 0.68 1.77	1 0.06 0.34 0.64	2 0.12 0.68 0.63	20 1.22 6.83 7.49	2 0.12 0.68 4.55	2 0.12 0.68 4.55	293 17.90
SR3	0 0.00 0.00 0.00	5 0.31 3.03 1.47	152 9.29 92.12 45.10	4 0.24 2.42 3.54	1 0.06 0.61 0.64	2 0.12 1.21 0.63	0 0.00 0.00 0.00	1 0.06 0.61 2.27	1 0.06 0.61 2.27	165 10.08
SR4	0 0.00 0.00 0.00	9 0.55 4.66 2.65	63 3.85 32.64 18.69	93 5.68 48.19 82.30	9 0.55 4.66 5.77	14 0.86 7.25 4.42	4 0.24 2.07 1.50	1 0.06 0.52 2.27	1 0.06 0.52 2.27	193 11.79
SR5	2 0.12 0.63 3.13	12 0.73 3.76 3.54	53 3.24 16.61 15.73	9 0.55 2.82 7.96	140 8.55 43.89 89.74	79 4.83 24.76 24.92	18 1.10 5.64 6.74	6 0.37 1.88 13.64	6 0.37 1.88 13.64	319 19.49
SR6	0 0.00 0.00 0.00	11 0.67 4.26 3.24	23 1.41 8.91 6.82	2 0.12 0.78 1.77	4 0.24 1.55 2.56	194 11.85 75.19 61.20	15 0.92 5.81 5.62	9 0.55 3.49 20.45	9 0.55 3.49 20.45	258 15.76
SR7	5 0.31 1.67 7.81	33 2.02 11.04 9.73	26 1.59 8.70 7.72	3 0.18 1.00 2.65	0 0.00 0.00 0.00	24 1.47 8.03 7.57	208 12.71 69.57 77.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	299 18.27
SR8	5 0.31 9.62 7.81	13 0.79 25.00 3.83	5 0.31 9.62 1.48	0 0.00 0.00 0.00	1 0.06 1.92 0.64	2 0.12 3.85 0.63	1 0.06 1.92 0.37	25 1.53 48.08 56.82	25 1.53 48.08 56.82	52 3.18
TOTAL	64 3.91	339 20.71	337 20.59	113 6.90	156 9.53	317 19.36	267 16.31	44 2.69	44 2.69	1637 100.00

APPENDIX TABLE B-3  
 FLOWS OF RESPONDENTS PARTICIPATING IN BIG GAME HUNTING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	41 4.22 83.67 41.00	4 0.41 8.16 2.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.31 6.12 2.29	0 0.00 0.00 0.00	1 0.10 2.04 0.68	49 5.04
SR2	16 1.65 8.74 16.00	139 14.30 75.96 77.22	3 0.31 1.64 3.85	1 0.10 0.55 2.27	0 0.00 0.00 0.00	4 0.41 2.19 3.05	15 1.54 8.20 7.89	5 0.51 2.73 3.40	183 18.83
SR3	1 0.10 1.43 1.00	9 0.93 12.86 5.00	56 5.76 80.00 71.79	1 0.10 1.43 2.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10 1.43 0.53	2 0.21 2.86 1.36	70 7.20
SR4	10 1.03 9.52 10.00	7 0.72 6.67 3.89	7 0.72 6.67 8.97	42 4.32 40.00 95.45	12 1.23 11.43 11.76	7 0.72 6.67 5.34	7 0.72 6.67 3.68	13 1.34 12.38 8.84	105 10.80
SR5	7 0.72 4.22 7.00	4 0.41 2.41 2.22	8 0.82 4.82 10.26	0 0.00 0.00 0.00	88 9.05 53.01 86.27	13 1.34 7.83 9.92	15 1.54 9.04 7.89	31 3.19 18.67 21.09	166 17.08
SR6	2 0.21 1.47 2.00	4 0.41 2.94 2.22	1 0.10 0.74 1.28	0 0.00 0.00 0.00	2 0.21 1.47 1.96	100 10.29 73.53 76.34	10 1.03 7.35 5.26	17 1.75 12.50 11.56	136 13.99
SR7	22 2.26 10.68 22.00	11 1.13 5.34 6.11	3 0.31 1.46 3.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.41 1.94 3.05	140 14.40 67.96 73.68	26 2.67 12.62 17.69	206 21.19
SR8	1 0.10 1.75 1.00	2 0.21 3.51 1.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.21 3.51 1.05	52 5.35 91.23 35.37	57 5.86
TOTAL	100 10.29	180 18.52	78 8.02	44 4.53	102 10.49	131 13.48	190 19.55	147 15.12	972 100.00

APPENDIX TABLE B-4  
 FLOWS OF RESPONDENTS PARTICIPATING IN NONGAME HUNTING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	39 5.60 90.70 70.91	2 0.29 4.65 1.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.29 4.65 2.50	43 6.17
SR2	7 1.00 6.19 12.73	100 14.35 88.50 90.91	1 0.14 0.88 1.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.14 0.88 0.93	2 0.29 1.77 1.17	2 0.29 1.77 2.50	2 0.29 1.77 2.50	113 16.21
SR3	2 0.29 3.85 3.64	1 0.14 1.92 0.91	44 6.31 84.62 75.86	2 0.29 3.85 4.88	0 0.00 0.00 0.00	1 0.14 1.92 0.93	2 0.29 3.85 1.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	52 7.46
SR4	0 0.00 0.00 0.00	2 0.29 3.92 1.82	3 0.43 5.88 5.17	39 5.60 76.47 95.12	6 0.86 11.76 8.11	1 0.14 1.96 0.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51 7.32
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.57 4.60 6.90	0 0.00 0.00 0.00	67 9.61 77.01 90.54	4 0.57 4.60 3.70	3 0.43 3.45 1.75	9 1.29 10.34 11.25	9 1.29 10.34 11.25	87 12.48
SR6	2 0.29 1.82 3.64	3 0.43 2.73 2.73	1 0.14 0.91 1.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	99 14.20 90.00 91.67	4 0.57 3.64 2.34	1 0.14 0.91 1.25	1 0.14 0.91 1.25	110 15.78
SR7	4 0.57 2.22 7.27	2 0.29 1.11 1.82	5 0.72 2.78 8.62	0 0.00 0.00 0.00	1 0.14 0.56 1.35	2 0.29 1.11 1.85	159 22.81 88.33 92.98	7 1.00 3.89 8.75	7 1.00 3.89 8.75	180 25.82
SR8	1 0.14 1.64 1.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.14 1.64 0.58	59 8.46 96.72 73.75	59 8.46 96.72 73.75	61 8.75
TOTAL	55 7.89	110 15.78	58 8.32	41 5.88	74 10.62	108 15.49	171 24.53	80 11.48	80 11.48	697 100.00

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APPENDIX TABLE B-5  
 FLOWS OF RESPONDENTS PARTICIPATING IN ICE FISHING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	48 4.99 90.57 94.12	5 0.52 9.43 2.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	53 5.52
SR2	2 0.21 0.85 3.92	184 19.15 77.97 85.58	16 1.66 6.78 13.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33 3.43 13.98 13.10	1 0.10 0.42 2.08	236 24.56
SR3	0 0.00 0.00 0.00	10 1.04 10.75 4.65	79 8.22 84.95 65.29	2 0.21 2.15 5.13	0 0.00 0.00 0.00	1 0.10 1.08 0.54	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10 1.08 2.08	93 9.68
SR4	0 0.00 0.00 0.00	1 0.10 1.49 0.47	9 0.94 13.43 7.44	37 3.85 55.22 94.87	19 1.98 28.36 24.36	1 0.10 1.49 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	67 6.97
SR5	1 0.10 1.30 1.96	0 0.00 0.00 0.00	6 0.62 7.79 4.96	0 0.00 0.00 0.00	54 5.62 70.13 69.23	15 1.56 19.48 9.55	1 0.10 1.30 0.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	77 8.01
SR6	0 0.00 0.00 0.00	3 0.31 1.85 1.40	2 0.21 1.23 1.65	0 0.00 0.00 0.00	5 0.52 3.09 6.41	132 13.74 81.48 84.08	13 1.35 8.02 5.16	7 0.73 4.32 14.58	0 0.00 0.00 0.00	162 16.86
SR7	0 0.00 0.00 0.00	11 1.14 4.78 5.12	9 0.94 3.91 7.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.73 3.04 4.46	203 21.12 88.26 80.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	230 23.93
SR8	0 0.00 0.00 0.00	1 0.10 2.33 0.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10 2.33 0.64	2 0.21 4.65 0.79	39 4.06 90.70 81.25	0 0.00 0.00 0.00	43 4.47
TOTAL	51 5.31	215 22.37	121 12.59	39 4.06	78 8.12	157 16.34	252 26.22	48 4.99	961 100.00	

APPENDIX TABLE B-6  
 FLOWS OF RESPONDENTS PARTICIPATING IN CROSS-COUNTRY SKIING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	10 2.11 76.92 100.00	1 0.21 7.69 1.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.42 15.38 2.25	0 0.00 0.00 0.00	13 2.74
SR2	0 0.00 0.00 0.00	60 12.66 100.00 80.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	60 12.66
SR3	0 0.00 0.00 0.00	3 0.63 7.69 4.00	36 7.59 92.31 87.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39 8.23
SR4	0 0.00 0.00 0.00	2 0.42 2.82 2.67	2 0.42 2.82 4.88	60 12.66 84.51 95.24	5 1.05 7.04 3.88	0 0.00 0.00 0.00	1 0.21 1.41 1.12	1 0.21 1.41 5.00	1 0.21 1.41 5.00	71 14.98
SR5	0 0.00 0.00 0.00	5 1.05 3.73 6.67	3 0.63 2.24 7.32	1 0.21 0.75 1.59	122 25.74 91.04 94.57	0 0.00 0.00 0.00	3 0.63 2.24 3.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	134 28.27
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.21 2.04 1.59	1 0.21 2.04 0.78	47 9.92 95.92 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49 10.34
SR7	0 0.00 0.00 0.00	3 0.63 3.37 4.00	0 0.00 0.00 0.00	1 0.21 1.12 1.59	1 0.21 1.12 0.78	0 0.00 0.00 0.00	83 17.51 93.26 93.26	1 0.21 1.12 5.00	1 0.21 1.12 5.00	89 18.78
SR8	0 0.00 0.00 0.00	1 0.21 5.26 1.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 3.80 94.74 90.00	18 3.80 94.74 90.00	19 4.01
TOTAL	10 2.11	75 15.82	41 8.65	63 13.29	129 27.22	47 9.92	89 18.78	20 4.22	474 100.00	



APPENDIX TABLE B-7  
 FLOWS OF RESPONDENTS PARTICIPATING IN DOWNHILL SKIING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	3 0.88 21.43 75.00	11 3.23 78.57 5.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14 4.11
SR2	0 0.00 0.00 0.00	106 31.09 100.00 57.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	106 31.09
SR3	0 0.00 0.00 0.00	19 5.57 29.23 10.27	36 10.56 55.38 85.71	10 2.93 15.38 17.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	65 19.06
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.88 6.38 7.14	40 11.73 85.11 71.43	3 0.88 6.38 10.34	0 0.00 0.00 0.00	1 0.29 2.13 10.00	0 0.00 0.00 0.00	47 13.78
SR5	0 0.00 0.00 0.00	1 0.29 4.55 0.54	1 0.29 4.55 2.38	2 0.59 9.09 3.57	16 4.69 72.73 55.17	0 0.00 0.00 0.00	1 0.29 4.55 10.00	1 0.29 4.55 12.50	22 6.45
SR6	1 0.29 3.03 25.00	17 4.99 51.52 9.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 2.35 24.24 27.59	7 2.05 21.21 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33 9.68
SR7	0 0.00 0.00 0.00	31 9.09 65.96 16.76	2 0.59 4.26 4.76	4 1.17 8.51 7.14	2 0.59 4.26 6.90	0 0.00 0.00 0.00	8 2.35 17.02 80.00	0 0.00 0.00 0.00	47 13.78
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 2.05 100.00 87.50	7 2.05
TOTAL	4 1.17	185 54.25	42 12.32	56 16.42	29 8.50	7 2.05	10 2.93	8 2.35	341 100.00

APPENDIX TABLE B-8  
 FLOWS OF RESPONDENTS PARTICIPATING IN SNOWMOBILING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	76 4.40 86.36 84.44	10 0.58 11.36 2.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.12 2.27 1.39	88 5.10
SR2	5 0.29 1.64 5.56	285 16.50 93.44 85.07	6 0.35 1.97 2.99	5 0.29 1.64 2.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.23 1.31 1.37	0 0.00 0.00 0.00	305 17.66
SR3	0 0.00 0.00 0.00	9 0.52 4.69 2.69	172 9.96 89.58 85.57	9 0.52 4.69 4.92	0 0.00 0.00 0.00	1 0.06 0.52 0.42	0 0.00 0.00 0.00	1 0.06 0.52 0.69	192 11.12
SR4	0 0.00 0.00 0.00	7 0.41 3.55 2.09	14 0.81 7.11 6.97	162 9.38 82.23 88.52	10 0.58 5.08 4.07	3 0.17 1.52 1.27	1 0.06 0.51 0.34	0 0.00 0.00 0.00	197 11.41
SR5	0 0.00 0.00 0.00	8 0.46 3.08 2.39	3 0.17 1.15 1.49	7 0.41 2.69 3.83	219 12.68 84.23 89.02	19 1.10 7.31 8.05	3 0.17 1.15 1.03	1 0.06 0.38 0.69	260 15.06
SR6	3 0.17 1.27 3.33	8 0.46 3.38 2.39	1 0.06 0.42 0.50	0 0.00 0.00 0.00	15 0.97 6.33 6.10	204 11.81 86.08 86.44	4 0.23 1.69 1.37	2 0.12 0.84 1.39	237 13.72
SR7	3 0.17 0.96 3.33	8 0.46 2.56 2.39	5 0.29 1.60 2.49	0 0.00 0.00 0.00	2 0.12 0.64 0.81	9 0.52 2.88 3.81	279 16.16 89.42 95.55	6 0.35 1.92 4.17	312 18.07
SR8	3 0.17 2.21 3.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.06 0.74 0.34	132 7.64 97.06 91.67	136 7.87
TOTAL	90 5.21	335 19.40	201 11.64	183 10.60	246 14.24	236 13.67	292 16.91	144 8.34	1727 100.00

APPENDIX TABLE B-9  
 FLOWS OF RESPONDENTS PARTICIPATING IN SLEDDING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	105 7.22 98.13 95.45	1 0.07 0.93 0.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.07 0.93 0.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	107 7.35
SR2	0 0.00 0.00 0.00	169 11.62 96.02 95.48	0 0.00 0.00 0.00	4 0.27 2.27 2.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.21 1.70 0.91	0 0.00 0.00 0.00	176 12.10
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	88 6.05 95.65 92.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.27 4.35 2.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	92 6.32
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.14 1.03 2.11	189 12.99 96.92 96.92	4 0.27 2.05 1.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	195 13.40
SR5	2 0.14 0.81 1.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	239 16.43 97.15 96.76	1 0.07 0.41 0.63	4 0.27 1.63 1.21	0 0.00 0.00 0.00	246 16.91
SR6	1 0.07 0.59 0.91	1 0.07 0.59 0.56	5 0.34 2.96 5.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.21 1.78 1.21	153 10.52 90.53 96.84	6 0.41 3.55 1.81	0 0.00 0.00 0.00	169 11.62
SR7	0 0.00 0.00 0.00	6 0.41 1.82 3.39	0 0.00 0.00 0.00	2 0.14 0.61 1.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	318 21.86 96.66 96.07	3 0.21 0.91 2.11	329 22.61
SR8	2 0.14 1.42 1.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	139 9.55 98.58 97.89	141 9.69
TOTAL	110 7.56	177 12.16	95 6.53	195 13.40	247 16.98	158 10.86	331 22.75	142 9.76	1455 100.00	

APPENDIX TABLE B-10  
 FLOWS OF RESPONDENTS PARTICIPATING IN ICE SKATING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	68 5.40 98.55 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.08 1.45 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	69 5.48
SR2	0 0.00 0.00 0.00	204 16.20 99.51 99.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.08 0.49 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	205 16.28
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	74 5.88 97.37 100.00	0 0.00 0.00 0.00	2 0.16 2.63 0.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	76 6.04
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	187 14.85 98.42 97.91	2 0.16 1.05 0.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.08 0.53 0.93	190 15.09
SR5	0 0.00 0.00 0.00	1 0.08 0.46 0.49	0 0.00 0.00 0.00	1 0.08 0.46 0.52	213 16.92 97.26 96.38	2 0.16 0.91 1.50	2 0.16 0.91 0.77	0 0.00 0.00 0.00	219 17.39
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	131 10.41 99.24 98.50	1 0.08 0.76 0.39	0 0.00 0.00 0.00	132 10.48
SR7	0 0.00 0.00 0.00	1 0.08 0.38 0.49	0 0.00 0.00 0.00	3 0.24 1.14 1.57	2 0.16 0.76 0.90	0 0.00 0.00 0.00	256 20.33 97.34 98.84	1 0.08 0.38 0.93	263 20.89
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	105 8.34 100.00 98.13	105 8.34
<b>TOTAL</b>	68 5.40	206 16.36	74 5.88	191 15.17	221 17.55	133 10.56	259 20.57	107 8.50	1259 100.00

APPENDIX TABLE B-11  
 FLOWS OF RESPONDENTS PARTICIPATING IN HOCKEY  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	3 1.35 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.35
SR2	0 0.00 0.00 0.00	18 8.11 69.23 81.82	0 0.00 0.00 0.00	7 3.15 26.92 7.61	1 0.45 3.85 2.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26 11.71
SR3	0 0.00 0.00 0.00	3 1.35 13.64 13.64	12 5.41 54.55 66.67	5 2.25 22.73 5.43	1 0.45 4.55 2.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.45 4.55 14.29	22 9.91
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.45 1.59 5.56	59 26.58 93.65 64.13	3 1.35 4.76 8.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	63 28.38
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11 4.95 23.91 11.96	26 11.71 56.52 74.29	4 1.80 8.70 19.05	3 1.35 6.52 12.50	2 0.90 4.35 28.57	0 0.00 4.35 28.57	46 20.72
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.35 15.79 3.26	0 0.00 0.00 0.00	14 6.31 73.68 66.67	2 0.90 10.53 8.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 8.56
SR7	0 0.00 0.00 0.00	1 0.45 2.56 4.55	5 2.25 12.82 27.78	7 3.15 17.95 7.61	4 1.80 10.26 11.43	3 1.35 7.69 14.29	19 8.56 48.72 79.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39 17.57
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 1.80 100.00 57.14	4 1.80
TOTAL	3 1.35	22 9.91	18 8.11	92 41.44	35 15.77	21 9.46	24 10.81	7 3.15	7 3.15	222 100.00

APPENDIX TABLE B-12  
 FLOWS OF RESPONDENTS PARTICIPATING IN FISHING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	106 4.07 75.71 63.10	27 1.04 19.29 6.57	1 0.04 0.71 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.23 4.29 3.37	140 5.38
SR2	10 0.38 2.09 5.95	287 11.02 60.04 69.83	25 0.96 5.23 6.96	1 0.04 0.21 0.72	4 0.15 0.84 2.94	4 0.15 0.84 1.07	146 5.61 30.54 17.36	1 0.04 0.21 0.56	1 0.04 0.21 0.56	478 18.36
SR3	5 0.19 2.78 2.98	14 0.54 7.78 3.41	148 5.68 82.22 41.23	5 0.19 2.78 3.62	0 0.00 0.00 0.00	6 0.23 3.33 1.61	0 0.00 0.00 0.00	2 0.08 1.11 1.12	2 0.08 1.11 1.12	180 6.91
SR4	1 0.04 0.37 0.60	7 0.27 2.57 1.70	95 3.65 34.93 26.46	117 4.49 43.01 84.78	19 0.73 6.99 13.97	26 1.00 9.56 6.97	4 0.15 1.47 0.48	3 0.12 1.10 1.69	3 0.12 1.10 1.69	272 10.45
SR5	5 0.19 2.23 2.98	4 0.15 1.79 0.97	25 0.96 11.16 6.96	6 0.23 2.68 4.35	100 3.84 44.64 73.53	48 1.84 21.43 12.87	25 0.96 11.16 2.97	11 0.42 4.91 6.18	11 0.42 4.91 6.18	224 8.60
SR6	5 0.19 1.28 2.98	20 0.77 5.10 4.87	36 1.38 9.18 10.03	2 0.08 0.51 1.45	9 0.35 2.30 6.62	274 10.52 69.90 73.46	29 1.11 7.40 3.45	17 0.65 4.34 9.55	17 0.65 4.34 9.55	392 15.05
SR7	4 0.15 0.56 2.38	43 1.65 5.97 10.46	28 1.08 3.89 7.80	7 0.27 0.97 5.07	4 0.15 0.56 2.94	13 0.50 1.81 3.49	603 23.16 83.75 71.70	18 0.69 2.50 10.11	18 0.69 2.50 10.11	720 27.65
SR8	32 1.23 16.16 19.05	9 0.35 4.55 2.19	1 0.04 0.51 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.08 1.01 0.54	34 1.31 17.17 4.04	120 4.61 60.61 67.42	120 4.61 60.61 67.42	198 7.60
TOTAL	168 6.45	411 15.78	359 13.79	138 5.30	136 5.22	373 14.32	841 32.30	178 6.84	178 6.84	2604 100.00

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APPENDIX TABLE B-13  
 FLOWS OF RESPONDENTS PARTICIPATING IN POWERBOATING/WATERSKIING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	29 2.78 93.55 65.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.19 6.45 3.92	31 2.97
SR2	7 0.67 3.03 15.91	138 13.23 59.74 75.82	8 0.77 3.46 5.67	0 0.00 0.00 0.00	4 0.38 1.73 9.76	0 0.00 0.00 0.00	73 7.00 31.60 18.30	1 0.10 0.43 1.96		231 22.15
SR3	0 0.00 0.00 0.00	18 1.73 13.74 9.89	104 9.97 79.39 73.76	4 0.38 3.05 9.30	2 0.19 1.53 4.88	0 0.00 0.00 0.00	3 0.29 2.29 0.75	0 0.00 0.00 0.00		131 12.56
SR4	0 0.00 0.00 0.00	7 0.67 8.97 3.85	20 1.92 25.64 14.18	38 3.64 48.72 88.37	5 0.48 6.41 12.20	7 0.67 8.97 4.93	0 0.00 0.00 0.00	1 0.10 1.28 1.96		78 7.48
SR5	0 0.00 0.00 0.00	1 0.10 2.00 0.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27 2.59 54.00 65.85	18 1.73 36.00 12.68	1 0.10 2.00 0.25	3 0.29 6.00 5.88		50 4.79
SR6	0 0.00 0.00 0.00	7 0.67 5.38 3.85	7 0.67 5.38 4.96	0 0.00 0.00 0.00	3 0.29 2.31 7.32	107 10.26 82.31 75.35	6 0.58 4.62 1.50	0 0.00 0.00 0.00		130 12.46
SR7	3 0.29 0.94 6.82	9 0.86 2.82 4.95	2 0.19 0.53 1.42	1 0.10 0.31 2.33	0 0.00 0.00 0.00	9 0.86 2.82 6.34	295 28.28 92.48 73.93	0 0.00 0.00 0.00		319 30.58
SR8	5 0.48 6.85 11.36	2 0.19 2.74 1.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10 1.37 0.70	21 2.01 28.77 5.26	44 4.22 60.27 86.27		73 7.00
TOTAL	44 4.22	182 17.45	141 13.52	43 4.12	41 3.93	142 13.61	399 38.26	51 4.89		1043 100.00

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APPENDIX TABLE B-14  
 FLOWS OF RESPONDENTS PARTICIPATING IN BEACH SWIMMING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	52 4.68 89.66 82.54	2 0.18 3.45 1.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.36 6.90 6.06	58 5.22
SR2	2 0.18 0.81 3.17	132 11.87 53.44 77.19	13 1.17 5.26 11.11	4 0.36 1.62 5.33	4 0.36 1.62 4.40	0 0.00 0.00 0.00	87 7.82 35.22 23.39	5 0.45 2.02 7.58		247 22.21
SR3	0 0.00 0.00 0.00	12 1.08 11.54 7.02	82 7.37 78.85 70.09	8 0.72 7.69 10.67	0 0.00 0.00 0.00	2 0.18 1.92 1.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00		104 9.35
SR4	0 0.00 0.00 0.00	6 0.54 6.19 3.51	16 1.44 16.49 13.68	63 5.67 64.95 84.00	9 0.81 9.28 9.89	2 0.18 2.06 1.27	1 0.09 1.03 0.27	0 0.00 0.00 0.00		97 8.72
SR5	0 0.00 0.00 0.00	2 0.18 2.15 1.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	74 6.65 79.57 81.32	12 1.08 12.90 7.64	2 0.18 2.15 0.54	3 0.27 3.23 4.55		93 8.36
SR6	0 0.00 0.00 0.00	2 0.18 1.33 1.17	5 0.45 3.33 4.27	0 0.00 0.00 0.00	4 0.36 2.67 4.40	131 11.78 87.33 83.44	8 0.72 5.33 2.15	0 0.00 0.00 0.00		150 13.49
SR7	3 0.27 1.01 4.76	15 1.35 5.03 8.77	1 0.09 0.34 0.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.72 2.68 5.10	265 23.83 88.93 71.24	6 0.54 2.01 9.09		298 26.80
SR8	6 0.54 9.23 9.52	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.18 3.08 1.27	9 0.81 13.85 2.42	48 4.32 73.85 72.73		65 5.85
TOTAL	63 5.67	171 15.38	117 10.52	75 6.74	91 8.18	157 14.12	372 33.45	66 5.94		1112 100.00

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APPENDIX TABLE B-15  
 FLOWS OF RESPONDENTS PARTICIPATING IN OUTDOOR POOL SWIMMING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	38 3.30 100.00 77.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	38 3.30
SR2	4 0.35 2.52 8.16	129 11.20 81.13 99.23	4 0.35 2.52 3.88	1 0.09 0.63 0.77	2 0.17 1.26 1.06	0 0.00 0.00 0.00	8 0.69 5.03 3.32	11 0.95 6.92 9.91		159 13.80
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	96 8.33 88.07 93.20	5 0.43 4.59 3.85	1 0.09 0.92 0.53	5 0.43 4.59 2.51	0 0.00 0.00 0.00	2 0.17 1.83 1.80		109 9.46
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.09 0.78 0.97	120 10.42 93.02 92.31	4 0.35 3.10 2.12	4 0.35 3.10 2.01	0 0.00 0.00 0.00	0 0.00 0.00 0.00		129 11.20
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.35 2.03 3.08	174 15.10 88.32 92.06	3 0.26 1.52 1.51	3 0.26 1.52 1.24	13 1.13 6.60 11.71		197 17.10
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.17 0.97 1.94	0 0.00 0.00 0.00	4 0.35 1.94 2.12	182 15.80 88.35 91.46	7 0.61 3.40 2.90	11 0.95 5.34 9.91		206 17.88
SR7	3 0.26 1.26 6.12	1 0.09 0.42 0.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.35 1.67 2.12	5 0.43 2.09 2.51	221 19.18 92.47 91.70	5 0.43 2.09 4.50		239 20.75
SR8	4 0.35 5.33 8.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.17 2.67 0.83	69 5.99 92.00 62.16		75 6.51
TOTAL	49 4.25	130 11.28	103 8.94	130 11.28	189 16.41	199 17.27	241 20.92	111 9.64		1152 100.00

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APPENDIX TABLE B-16  
 FLOWS OF RESPONDENTS PARTICIPATING IN PICNICKING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	109 4.34 87.90 91.60	9 0.36 7.26 2.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.20 4.03 0.82	1 0.04 0.81 0.41	124 4.94
SR2	2 0.08 0.58 1.68	255 10.16 73.49 80.70	18 0.72 5.19 8.96	8 0.32 2.31 2.94	3 0.12 0.86 0.88	2 0.08 0.58 0.48	48 1.91 13.83 7.89	11 0.44 3.17 4.56		347 13.82
SR3	0 0.00 0.00 0.00	13 0.52 6.91 4.11	135 5.38 71.81 67.16	17 0.68 9.04 6.25	1 0.04 0.53 0.29	11 0.44 5.85 2.66	3 0.12 1.60 0.49	8 0.32 4.26 3.32		188 7.49
SR4	0 0.00 0.00 0.00	1 0.04 0.35 0.32	35 1.39 12.20 17.41	226 9.00 78.75 83.09	8 0.32 2.79 2.35	10 0.40 3.48 2.42	4 0.16 1.39 0.66	3 0.12 1.05 1.24		287 11.43
SR5	2 0.08 0.55 1.68	5 0.20 1.38 1.58	0 0.00 0.00 0.00	7 0.28 1.93 2.57	289 11.51 79.61 84.75	34 1.35 9.37 8.23	6 0.24 1.65 0.99	20 0.80 5.51 8.30		363 14.46
SR6	0 0.00 0.00 0.00	9 0.36 2.11 2.85	11 0.44 2.58 5.47	11 0.44 2.58 4.04	28 1.12 6.56 8.21	343 13.66 80.33 83.05	9 0.36 2.11 1.48	16 0.64 3.75 6.64		427 17.01
SR7	1 0.04 0.17 0.84	23 0.92 3.83 7.28	2 0.08 0.33 1.00	3 0.12 0.50 1.10	12 0.48 2.00 3.52	12 0.48 2.00 2.91	523 20.83 87.02 86.02	25 1.00 4.16 10.37		601 23.93
SR8	5 0.20 2.87 4.20	1 0.04 0.57 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.04 0.57 0.24	10 0.40 5.75 1.64	157 6.25 90.23 65.15		174 6.93
TOTAL	119 4.74	316 12.58	201 8.00	272 10.83	341 13.58	413 16.45	608 24.21	241 9.60		2511 100.00

APPENDIX TABLE B-17  
 FLOWS OF RESPONDENTS PARTICIPATING IN CAMPING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	62 3.20 61.39 45.26	11 0.57 10.89 4.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 1.44 27.72 8.12	101 5.21
SR2	32 1.65 8.23 23.36	140 7.22 35.99 56.45	19 0.98 4.88 11.24	2 0.10 0.51 1.80	10 0.52 2.57 12.66	6 0.31 1.54 2.71	144 7.43 37.02 22.93	36 1.86 9.25 10.43		389 20.07
SR3	0 0.00 0.00 0.00	22 1.14 14.97 8.87	90 4.64 61.22 53.25	10 0.52 6.80 9.01	0 0.00 0.00 0.00	13 0.67 8.84 5.88	6 0.31 4.08 0.96	6 0.31 4.08 1.74		147 7.59
SR4	5 0.26 3.50 3.65	13 0.67 9.09 5.24	26 1.34 18.18 15.38	57 2.94 39.86 51.35	15 0.77 10.49 18.99	4 0.21 2.80 1.81	7 0.36 4.90 1.11	16 0.83 11.19 4.64		143 7.38
SR5	5 0.26 2.81 3.65	4 0.21 2.25 1.61	11 0.57 6.18 6.51	20 1.03 11.24 18.02	48 2.48 26.97 60.76	42 2.17 23.60 19.00	18 0.93 10.11 2.87	30 1.55 16.85 8.70		178 9.18
SR6	2 0.10 0.83 1.46	9 0.46 3.72 3.63	14 0.72 5.79 8.28	8 0.41 3.31 7.21	4 0.21 1.65 5.06	120 6.19 49.59 54.30	41 2.12 16.94 6.53	44 2.27 18.18 12.75		242 12.49
SR7	12 0.62 2.09 8.76	37 1.91 6.43 14.92	9 0.46 1.57 5.33	14 0.72 2.43 12.61	2 0.10 0.35 2.53	34 1.75 5.91 15.38	383 19.76 66.61 60.99	84 4.33 14.61 24.35		575 29.67
SR8	19 0.98 11.66 13.87	12 0.62 7.36 4.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.10 1.23 0.90	29 1.50 17.79 4.62	101 5.21 61.96 29.28		163 8.41
TOTAL	137 7.07	248 12.80	169 8.72	111 5.73	79 4.08	221 11.40	628 32.40	345 17.80		1938 100.00

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APPENDIX TABLE B-18  
 FLOWS OF RESPONDENTS PARTICIPATING IN VISITING HISTORICAL PLACES  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	63 4.28 49.61 61.76	11 0.75 8.66 7.64	2 0.14 1.57 1.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.07 0.79 0.96	7 0.48 5.51 1.73	43 2.92 33.86 9.86	127 8.63
SR2	12 0.82 5.33 11.76	54 3.67 24.00 37.50	22 1.49 9.78 20.00	11 0.75 4.89 15.94	3 0.20 1.33 2.94	5 0.34 2.22 4.81	60 4.08 26.67 14.81	58 3.94 25.78 13.30	225 15.29
SR3	1 0.07 1.20 0.98	16 1.09 19.28 11.11	35 2.38 42.17 31.82	4 0.27 4.82 5.80	4 0.27 4.82 3.92	3 0.20 3.61 2.88	9 0.61 10.84 2.22	11 0.75 13.25 2.52	83 5.64
SR4	8 0.54 4.97 7.84	12 0.82 7.45 8.33	24 1.63 14.91 21.82	39 2.65 24.22 56.52	3 0.20 1.86 2.94	14 0.95 8.70 13.46	32 2.17 19.88 7.90	29 1.97 18.01 6.65	161 10.94
SR5	3 0.20 1.84 2.94	16 1.09 9.82 11.11	7 0.48 4.29 6.36	2 0.14 1.23 2.90	67 4.55 41.10 65.69	10 0.68 6.13 9.62	27 1.83 16.56 6.67	31 2.11 19.02 7.11	163 11.07
SR6	3 0.20 1.46 2.94	16 1.09 7.80 11.11	16 1.09 7.80 14.55	3 0.20 1.46 4.35	17 1.15 8.29 16.67	51 3.46 24.88 49.04	46 3.13 22.44 11.36	53 3.60 25.85 12.16	205 13.93
SR7	11 0.75 2.79 10.78	11 0.75 2.79 7.64	3 0.20 0.76 2.73	9 0.61 2.28 13.04	7 0.48 1.78 6.86	14 0.95 3.55 13.46	205 13.93 52.03 50.62	134 9.10 34.01 30.73	394 26.77
SR8	1 0.07 0.88 0.98	8 0.54 7.02 5.56	1 0.07 0.88 0.91	1 0.07 0.88 1.45	1 0.07 0.88 0.98	6 0.41 5.26 5.77	19 1.29 16.67 4.69	77 5.23 67.54 17.66	114 7.74
TOTAL	102 6.93	144 9.78	110 7.47	69 4.69	102 6.93	104 7.07	405 27.51	436 29.62	1472 100.00

APPENDIX TABLE B-19  
 FLOWS OF RESPONDENTS PARTICIPATING IN BICYCLING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	29 2.85 100.00 85.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29 2.85
SR2	5 0.49 3.85 14.71	117 11.48 90.00 96.69	0 0.00 0.00 0.00	1 0.10 0.77 0.76	1 0.10 0.77 0.45	1 0.10 0.77 0.64	5 0.49 3.85 2.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	130 12.76
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	73 7.16 98.65 93.59	1 0.10 1.35 0.76	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	74 7.26
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	124 12.17 96.12 94.66	1 0.10 0.78 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.39 3.10 4.82	129 12.66
SR5	0 0.00 0.00 0.00	1 0.10 0.43 0.83	4 0.39 1.71 5.13	4 0.39 1.71 3.05	214 21.00 91.45 97.27	4 0.39 1.71 2.56	0 0.00 0.00 0.00	7 0.69 2.99 8.43	234 22.96	
SR6	0 0.00 0.00 0.00	1 0.10 0.63 0.83	1 0.10 0.63 1.28	1 0.10 0.63 0.76	2 0.20 1.26 0.91	150 14.72 94.34 96.15	1 0.10 0.63 0.51	3 0.29 1.89 3.61	159 15.60	
SR7	0 0.00 0.00 0.00	2 0.20 1.01 1.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.20 1.01 0.91	1 0.10 0.51 0.64	190 18.65 95.96 96.94	3 0.29 1.52 3.61	198 19.43	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	66 6.48 100.00 79.52	66 6.48	
TOTAL	34 3.34	121 11.87	78 7.65	131 12.86	220 21.59	156 15.31	196 19.23	83 8.15	1019 100.00	

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APPENDIX TABLE B-20  
 FLOWS OF RESPONDENTS PARTICIPATING IN BASEBALL/SOFTBALL  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	31 3.31 70.45 88.57	1 0.11 2.27 0.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.43 9.09 1.91	0 0.00 0.00 0.00	3 0.32 6.82 1.47	5 0.53 11.36 7.69	44 4.70
SR2	1 0.11 0.82 2.86	101 10.79 82.79 81.45	1 0.11 0.82 1.92	1 0.11 0.82 1.32	1 0.11 0.82 0.48	7 0.75 5.74 4.09	3 0.32 2.46 1.47	7 0.75 5.74 10.77	122 13.03
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	40 4.27 83.33 76.92	1 0.11 2.08 1.32	2 0.21 4.17 0.96	4 0.43 8.33 2.34	1 0.11 2.08 0.49	0 0.00 0.00 0.00	48 5.13
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.85 8.99 15.38	67 7.16 75.28 88.16	6 0.64 6.74 2.87	5 0.53 5.62 2.92	3 0.32 3.37 1.47	0 0.00 0.00 0.00	89 9.51
SR5	0 0.00 0.00 0.00	1 0.11 0.47 0.81	2 0.21 0.93 3.85	3 0.32 1.40 3.95	183 19.55 85.12 87.56	20 2.14 9.30 11.70	6 0.64 2.79 2.94	0 0.00 0.00 0.00	215 22.97
SR6	3 0.32 1.82 8.57	9 0.96 5.45 7.26	1 0.11 0.61 1.92	4 0.43 2.42 5.26	6 0.64 3.64 2.87	125 13.35 75.76 73.10	10 1.07 6.06 4.90	7 0.75 4.24 10.77	165 17.63
SR7	0 0.00 0.00 0.00	9 0.96 4.13 7.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.64 2.75 2.87	9 0.96 4.13 5.26	176 18.80 80.73 86.27	18 1.92 8.26 27.69	218 23.29
SR8	0 0.00 0.00 0.00	3 0.32 8.57 2.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.11 2.86 0.48	1 0.11 2.86 0.58	2 0.21 5.71 0.98	28 2.99 80.00 43.08	35 3.74
TOTAL	35 3.74	124 13.25	52 5.56	76 8.12	209 22.33	171 18.27	204 21.79	65 6.94	936 100.00

APPENDIX TABLE B-21  
 FLOWS OF RESPONDENTS PARTICIPATING IN GOLF  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	42 5.38 95.45 87.50	2 0.26 4.55 2.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	44 5.63
SR2	0 0.00 0.00 0.00	76 9.73 85.39 76.00	1 0.13 1.12 1.69	2 0.26 2.25 1.82	1 0.13 1.12 0.55	1 0.13 1.12 0.92	8 1.02 8.99 5.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89 11.40
SR3	4 0.51 5.33 8.33	3 0.38 4.00 3.00	53 6.79 70.67 89.83	6 0.77 8.00 5.45	1 0.13 1.33 0.55	7 0.90 9.33 6.42	1 0.13 1.33 0.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	75 9.60
SR4	1 0.13 1.05 2.08	2 0.26 2.11 2.00	0 0.00 0.00 0.00	86 11.01 90.53 78.18	3 0.38 3.16 1.65	0 0.00 0.00 0.00	2 0.26 2.11 1.45	1 0.13 1.05 2.86	1 0.13 1.05 2.86	95 12.16
SR5	0 0.00 0.00 0.00	6 0.77 3.30 6.00	1 0.13 0.55 1.69	10 1.28 5.49 9.09	157 20.10 86.26 86.26	7 0.90 3.85 6.42	1 0.13 0.55 0.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	182 23.30
SR6	1 0.13 0.76 2.08	3 0.38 2.27 3.00	3 0.38 2.27 5.08	4 0.51 3.03 3.64	15 1.92 11.36 8.24	92 11.78 69.70 84.40	12 1.54 9.09 8.70	2 0.26 1.52 5.71	2 0.26 1.52 5.71	132 16.90
SR7	0 0.00 0.00 0.00	8 1.02 5.97 8.00	1 0.13 0.75 1.69	2 0.26 1.49 1.82	4 0.51 2.99 2.20	1 0.13 0.75 0.92	114 14.60 85.07 82.61	4 0.51 2.99 11.43	4 0.51 2.99 11.43	134 17.16
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.13 3.33 0.55	1 0.13 3.33 0.92	0 0.00 0.00 0.00	28 3.59 93.33 80.00	28 3.59 93.33 80.00	30 3.84
TOTAL	48 6.15	100 12.80	59 7.55	110 14.08	182 23.30	109 13.96	138 17.67	35 4.48	35 4.48	781 100.00

APPENDIX TABLE B-22  
 FLOWS OF RESPONDENTS PARTICIPATING IN TENNIS  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	20 5.36 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 5.36
SR2	0 0.00 0.00 0.00	42 11.26 97.67 97.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.27 2.33 1.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	43 11.53
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25 6.70 80.65 92.59	5 1.34 16.13 9.62	1 0.27 3.23 1.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	31 8.31
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	43 11.53 100.00 82.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	43 11.53
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.27 0.99 3.70	3 0.80 2.97 5.77	87 23.32 86.14 94.57	6 1.61 5.94 11.54	1 0.27 0.99 1.72	3 0.80 2.97 10.34	0 0.00 0.00 0.00	101 27.08
SR6	0 0.00 0.00 0.00	1 0.27 2.04 2.33	1 0.27 2.04 3.70	0 0.00 0.00 0.00	2 0.54 4.08 2.17	45 12.06 91.84 86.54	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49 13.14
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.27 1.56 1.92	1 0.27 1.56 1.04	1 0.27 1.56 1.92	57 15.28 89.06 98.28	4 1.07 6.25 13.79	0 0.00 0.00 0.00	64 17.16
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22 5.90 100.00 75.86	0 0.00 0.00 0.00	22 5.90
TOTAL	20 5.36	43 11.53	27 7.24	52 13.94	92 24.66	52 13.94	58 15.55	29 7.77	373 100.00	



APPENDIX TABLE B-23  
 FLOWS OF RESPONDENTS PARTICIPATING IN JOGGING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	10 2.82 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 2.82
SR2	0 0.00 0.00 0.00	37 10.45 90.24 94.87	2 0.56 4.88 13.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.28 2.44 1.22	1 0.28 2.44 3.13	41 11.58
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 3.39 100.00 80.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 3.39
SR4	0 0.00 0.00 0.00	1 0.28 2.63 2.56	0 0.00 0.00 0.00	34 9.60 89.47 94.44	1 0.28 2.63 1.16	1 0.28 2.63 1.85	1 0.28 2.63 1.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	38 10.73
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.28 1.18 6.67	0 0.00 0.00 0.00	81 22.88 95.29 94.19	2 0.56 2.35 3.70	0 0.00 0.00 0.00	1 0.28 1.18 3.13	1 0.28 1.18 3.13	85 24.01
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.56 4.00 2.33	48 13.56 96.00 88.89	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50 14.12
SR7	0 0.00 0.00 0.00	1 0.28 1.03 2.56	0 0.00 0.00 0.00	2 0.56 2.15 5.56	2 0.56 2.15 2.33	3 0.85 3.23 5.56	80 22.60 86.02 97.56	5 1.41 5.38 15.63	5 1.41 5.38 15.63	93 26.27
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25 7.06 100.00 78.13	25 7.06 100.00 78.13	25 7.06
TOTAL	10 2.82	39 11.02	15 4.24	36 10.17	86 24.29	54 15.25	82 23.16	32 9.04	32 9.04	354 100.00

APPENDIX TABLE B-24  
 FLOWS OF RESPONDENTS PARTICIPATING IN SAILING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978<sup>a</sup>

FROM Region of Residence	TO Region of Participation						TOTAL
	SR1	SR2	SR3	SR5	SR7	SR8	
SR1	2 3.08 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 3.08
SR2	0 0.00 0.00 0.00	12 18.46 75.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 6.15 25.00 11.76	0 0.00 0.00 0.00	16 24.62
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 10.77 100.00 58.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 10.77
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 4.62 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 4.62
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 7.69 100.00 41.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 7.69
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	30 46.15 100.00 88.24	0 0.00 0.00 0.00	30 46.15
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 3.08 100.00 100.00	2 3.08
TOTAL	2 3.08	12 18.46	12 18.46	3 4.62	34 52.31	2 3.08	65 100.00

<sup>a</sup>No participation was indicated in SR4 and SR6.

APPENDIX TABLE B-25  
 FLOWS OF RESPONDENTS PARTICIPATING IN CANOEING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	4 4.94 57.14 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 3.70 42.86 33.33	7 8.64
SR2	0 0.00 0.00 0.00	4 4.94 29.57 100.00	2 2.47 14.29 25.00	2 2.47 14.29 22.22	5 6.17 35.71 71.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 1.23 7.14 5.56	0 0.00 0.00 0.00	14 17.28
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 6.17 83.33 62.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 1.23 16.67 4.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 7.41
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 1.23 7.69 12.50	7 8.64 53.85 77.78	0 0.00 0.00 0.00	1 1.23 7.69 4.55	1 1.23 7.69 5.56	3 3.70 23.08 33.33	13 16.05	
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 2.47 50.00 28.57	1 1.23 25.00 4.55	0 0.00 0.00 0.00	1 1.23 25.00 11.11	4 4.94	
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 23.46 100.00 86.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 23.46	
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16 19.75 100.00 88.89	0 0.00 0.00 0.00	16 19.75
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 2.47 100.00 22.22	2 2.47
TOTAL	4 4.94	4 4.94	8 9.88	9 11.11	7 8.64	22 27.16	18 22.22	9 11.11	81 100.00	

APPENDIX TABLE B-26  
 FLOWS OF RESPONDENTS PARTICIPATING IN HIKING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	12 10.62 63.16 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 6.19 36.84 21.88	19 16.81
SR2	0 0.00 0.00 0.00	4 3.54 57.14 36.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 2.65 42.86 9.38	7 6.19
SR3	0 0.00 0.00 0.00	3 2.65 50.00 27.27	3 2.65 50.00 42.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 5.31
SR4	0 0.00 0.00 0.00	1 0.88 8.33 9.09	0 0.00 0.00 0.00	11 9.73 91.67 91.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 10.62
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 3.54 25.00 57.14	0 0.00 0.00 0.00	12 10.62 75.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16 14.16
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 4.42 71.43 83.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.77 28.57 6.25	7 6.19
SR7	0 0.00 0.00 0.00	3 2.65 8.33 27.27	0 0.00 0.00 0.00	1 0.88 2.78 8.33	0 0.00 0.00 0.00	1 0.88 2.78 16.67	21 18.58 58.33 100.00	10 8.85 27.78 31.25	36 31.86	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 8.85 100.00 31.25	10 8.85	
TOTAL	12 10.62	11 9.73	7 6.19	12 10.62	12 10.62	6 5.31	21 18.58	32 28.32	113 100.00	

APPENDIX TABLE B-27  
 FLOWS OF RESPONDENTS PARTICIPATING IN HORSEBACK RIDING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1 0.51 12.50 14.29	1 0.51 12.50 3.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 3.05 75.00 11.76	8 4.06
SR2	6 3.05 16.22 85.71	24 12.18 64.86 82.76	4 2.03 10.81 28.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.52 8.11 5.88	37 18.78
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 4.57 100.00 64.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 4.57
SR4	0 0.00 0.00 0.00	1 0.51 6.25 3.45	0 0.00 0.00 0.00	7 3.55 43.75 100.00	0 0.00 0.00 0.00	4 2.03 25.00 13.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.03 25.00 7.84	16 8.12
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27 13.71 87.10 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.03 12.90 7.84	31 15.74
SR6	0 0.00 0.00 0.00	1 0.51 3.33 3.45	1 0.51 3.33 7.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24 12.18 80.00 82.76	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 2.03 13.33 7.84	30 15.23
SR7	0 0.00 0.00 0.00	2 1.02 3.70 6.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.51 1.85 3.45	33 16.75 61.11 100.00	18 9.14 33.33 35.29	54 27.41	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 6.09 100.00 23.53	12 6.09
TOTAL	7 3.55	29 14.72	14 7.11	7 3.55	27 13.71	29 14.72	33 16.75	51 25.89	197 100.00	

APPENDIX TABLE B-28  
 FLOWS OF RESPONDENTS PARTICIPATING IN ARCHERY  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978<sup>a</sup>

FROM Region of Residence	TO Region of Participation							TOTAL	
	SR1	SR2	SR4	SR5	SR6	SR7	SR8		
SR1	4 11.11 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 11.11
SR2	0 0.00 0.00 0.00	4 11.11 57.14 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 8.33 42.86 33.33	7 19.44
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 5.56 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 5.56
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 13.89 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 13.89
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 11.11 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 11.11
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 22.22 88.89 100.00	1 2.78 11.11 11.11	9 25.00
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 13.89 100.00 55.56	5 13.89
TOTAL	4 11.11	4 11.11	2 5.56	5 13.89	4 11.11	8 22.22	9 25.00	36 100.00	

<sup>a</sup>No participation was indicated in SR3.

APPENDIX TABLE B-29  
 FLOWS OF RESPONDENTS PARTICIPATING IN TRAPSHOOTING  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	5 4.00 83.33 83.33	1 0.80 16.67 3.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 4.80
SR2	1 0.80 5.56 16.67	14 11.20 77.78 53.85	0 0.00 0.00 0.00	1 0.80 5.56 4.35	1 0.80 5.56 3.70	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.80 5.56 33.33	18 14.40
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.80 50.00 14.29	1 0.80 50.00 4.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 1.60
SR4	0 0.00 0.00 0.00	5 4.00 12.82 19.23	4 3.20 10.26 57.14	21 16.80 53.85 91.30	6 4.80 15.38 22.22	0 0.00 0.00 0.00	3 2.40 7.69 12.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39 31.20
SR5	0 0.00 0.00 0.00	2 1.60 10.00 7.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 14.40 90.00 66.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 16.00
SR6	0 0.00 0.00 0.00	1 0.80 10.00 3.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.80 10.00 3.70	7 5.60 70.00 87.50	1 0.80 10.00 4.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 8.00
SR7	0 0.00 0.00 0.00	3 2.40 10.34 11.54	2 1.60 6.90 28.57	0 0.00 0.00 0.00	1 0.80 3.45 3.70	1 0.80 3.45 12.50	21 16.80 72.41 84.00	1 0.80 3.45 33.33	1 0.80 3.45 33.33	29 23.20
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.80 100.00 33.33	1 0.80
TOTAL	6 4.80	26 20.80	7 5.60	23 18.40	27 21.60	8 6.40	25 20.00	3 2.40	125 100.00	

APPENDIX TABLE B-30  
 FLOWS OF RESPONDENTS PARTICIPATING IN SOCCER  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978<sup>a</sup>

FROM Region of Residence	TO Region of Participation					TOTAL
	SR2	SR5	SR6	SR7	SR8	
SR2	1 4.35 33.33 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 8.70 66.67 100.00	3 13.04
SR5	0 0.00 0.00 0.00	4 17.39 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 17.39
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15 65.22 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15 65.22
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 4.35 100.00 100.00	0 0.00 0.00 0.00	1 4.35
TOTAL	1 4.35	4 17.39	15 65.22	1 4.35	2 8.70	23 100.00

<sup>a</sup>No participation was indicated in SR1, SR3, and SR4.



APPENDIX TABLE B-31  
 FLOWS OF RESPONDENTS PARTICIPATING IN HORSESHOES  
 FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

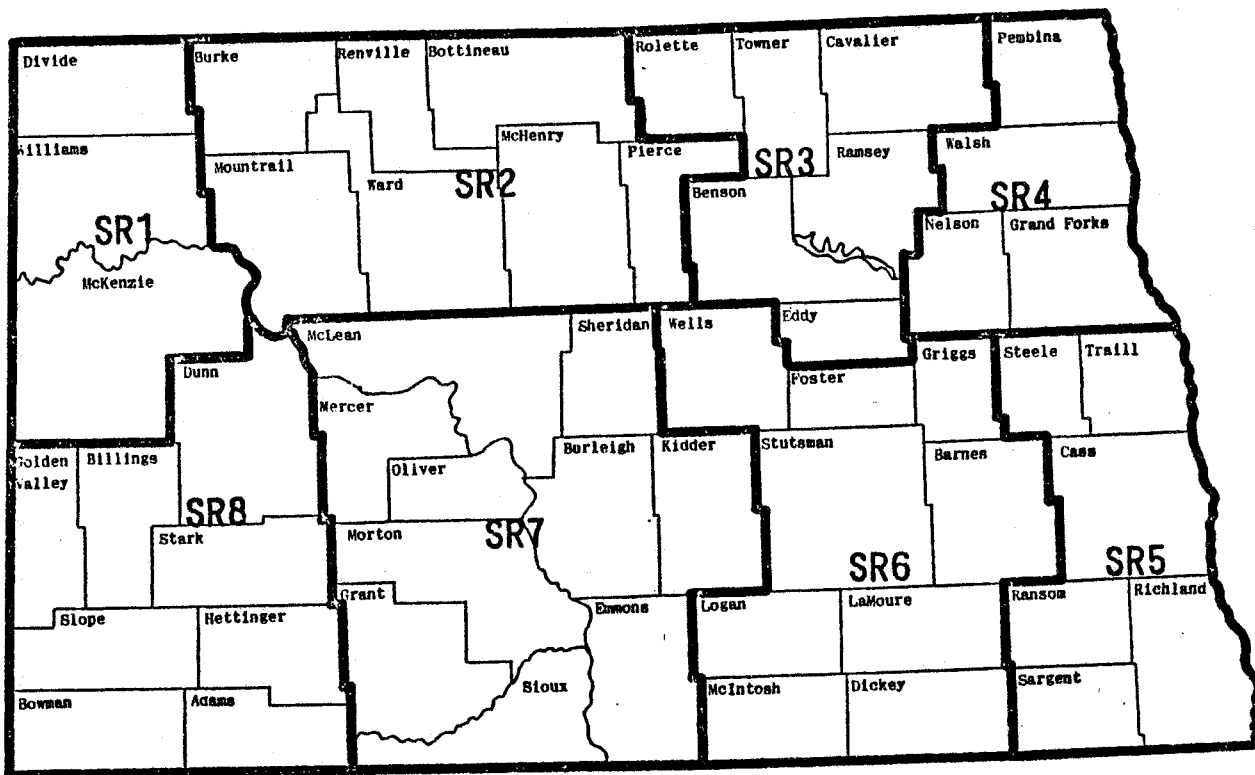
FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	3 3.61 60.00 100.00	2 2.41 40.00 25.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 6.02
SR2	0 0.00 0.00 0.00	5 6.02 71.43 62.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 2.41 28.57 8.00	0 0.00 0.00 0.00	7 8.43
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 4.82 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 4.82
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 6.02 100.00 71.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 6.02
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 2.41 22.22 28.57	7 8.43 77.78 87.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 10.84
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14 16.87 93.33 77.78	0 0.00 0.00 0.00	1 1.20 6.67 10.00	15 18.07
SR7	0 0.00 0.00 0.00	1 1.20 3.13 12.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 1.20 3.13 12.50	4 4.82 12.50 22.22	21 25.30 65.63 84.00	5 6.02 15.63 50.00	0 0.00 0.00 0.00	32 38.55
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 2.41 33.33 8.00	4 4.82 66.67 40.00	0 0.00 0.00 0.00	6 7.23
TOTAL	3 3.61	8 9.64	4 4.82	7 8.43	8 9.64	18 21.69	25 30.12	10 12.05	83 100.00	



APPENDIX C  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC  
CHARACTERISTICS, BY REGION, 1978, 1980, 1985, 1990, and 1995

The following is a brief description of the methodology used to estimate population and the six socioeconomic variables--age, education, weeks of paid vacation, occupation, income and residence. See pages 18 through 23 for a detailed description of methods used to project estimates of socioeconomic variables.

Total population by region was used to estimate population and age distributions, while the adult male population was used to estimate all other socioeconomic characteristics. The projected age distribution of the total population was obtained from population statistics. Educational distributions of males 25 years of age and older were projected on the basis of 1970 population characteristics, projected population characteristics and projections of educational attainment for the U.S. Employment by occupation for males 16 years of age and older was estimated using linear interpolation from government projections of employment. The average number of paid weeks of vacation was estimated on the basis of trends projected for the U.S. The percent of families in each income category was estimated using a cumulative normal distribution table and multiplied by the total number of families in each region to obtain the number of families in each income category. Residence of the male population 20 years of age and older was based on the trend that occurred between 1910 and 1970.



APPENDIX TABLE C-1  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SRI  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	10765	36.17	10294	34.86	10014	34.27	10233	35.56	10073	35.57
20 TO 44	9251	31.08	9646	32.67	10099	34.56	10030	34.86	10291	36.34
45 TO 64	6016	20.21	5747	19.46	5030	17.21	4628	16.08	4241	14.98
65 AND OVER	3730	12.53	3841	13.01	4076	13.95	3884	13.50	3715	13.12
<b>EDUCATION</b>										
0 - 8 YEARS	2519	32.17	2338	29.73	1937	24.04	1555	19.42	1117	14.42
9 - 11 YEARS	976	12.46	972	12.36	954	11.84	892	11.14	861	11.11
12 YEARS	2637	33.67	2747	34.93	3038	37.70	3185	39.78	3286	42.42
13 - 15 YEARS	1053	13.45	1119	14.23	1314	16.30	1461	18.25	1525	19.69
16 YEARS OR MORE	646	8.25	689	8.76	816	10.13	914	11.42	958	12.37
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	5213	44.10	5210	43.37	5238	41.78	4998	39.07	4838	36.86
2.0 - 2.9 WEEKS	4269	36.11	2614	21.76	347	2.77	364	2.85	0	0.00
3.0 WEEKS & OVER	2339	19.79	4189	34.87	6951	55.45	7432	58.09	8286	63.14
<b>OCCUPATION</b>										
PROFESSIONAL	673	5.69	684	5.69	711	5.67	738	5.77	765	5.83
MANAGER	1253	10.60	1288	10.72	1378	10.99	1468	11.47	1557	11.86
SALES	432	3.65	446	3.71	481	3.84	516	4.03	552	4.21
CLEARK	413	3.49	429	3.57	470	3.75	511	3.99	552	4.21
CRAFTSMAN	1731	14.64	1788	14.88	1930	15.40	2072	16.20	2213	16.86
OPERATIVE	1233	10.43	1274	10.61	1377	10.98	1481	11.58	1584	12.07
LABORER	327	2.77	332	2.76	347	2.77	364	2.85	375	2.86
FARMER	3233	27.35	3174	26.42	3026	24.14	2879	22.50	2731	20.81
SERVICES	546	4.62	562	4.68	604	4.82	646	5.05	688	5.24
OTHER	1980	16.75	2036	16.95	2212	17.65	2119	16.56	2107	16.05
<b>INCOME</b>										
LESS THAN \$5,000	216	1.83	219	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	1789	15.13	1526	12.70	1530	12.20	1274	9.96	1022	7.79
\$10,000 TO \$14,999	2201	18.62	2188	18.21	2226	17.76	1870	14.62	1525	11.62
\$15,000 TO \$24,999	4720	39.93	4481	37.30	4325	34.50	3999	31.26	4015	30.59
\$25,000 & OVER	2895	24.49	3599	29.96	4455	35.54	5651	44.17	6562	50.00
<b>RESIDENCE</b>										
URBAN	3584	38.17	3744	39.49	3918	41.84	4019	44.58	4187	47.27
RURAL	5805	61.83	5736	60.51	5447	58.16	4996	55.42	4670	52.73

APPENDIX TABLE C-2  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SR2  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	37129	34.89	35771	33.34	34612	31.43	35270	31.37	34678	30.35
20 TO 44	39637	37.25	41775	38.94	45768	41.56	47385	42.15	45516	39.64
45 TO 64	18108	17.02	18027	16.80	17940	16.29	18516	16.47	22812	19.96
65 AND OVER	11531	10.84	11715	10.92	11803	10.72	11262	10.02	11254	9.85
<b>EDUCATION</b>										
0 - 8 YEARS	8544	28.45	8100	26.19	6983	20.85	5925	16.60	4473	12.20
9 - 11 YEARS	3316	11.04	3257	10.66	3366	10.05	3328	9.33	3374	9.20
12 YEARS	9362	32.83	10490	33.92	12068	36.03	13366	37.46	14487	39.50
13 - 15 YEARS	4504	15.00	4885	15.80	5905	17.81	7011	19.65	7684	20.95
16 YEARS OR MORE	3810	12.68	4150	13.42	5115	15.27	6052	16.96	6659	18.16
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	13724	40.36	13747	39.70	13648	37.88	12566	35.18	12687	33.33
2.0 - 2.9 WEEKS	12569	36.96	7836	22.63	1115	3.09	1170	3.17	0	0.00
3.0 WEEKS & OVER	7715	22.69	13048	37.68	21268	59.03	22723	61.65	26382	66.67
<b>OCCUPATION</b>										
PROFESSIONAL	2342	6.89	2380	6.87	2473	6.86	2567	6.96	2660	6.99
MANAGER	4060	11.94	4177	12.06	4467	12.40	4758	12.91	5048	13.26
SALES	1469	4.32	1517	4.38	1636	4.54	1756	4.76	1876	4.93
CLERK	1313	3.86	1364	3.94	1494	4.15	1624	4.41	1754	4.61
CRAFTSMAN	4965	14.60	5127	14.80	5534	15.36	5940	16.12	6346	16.67
OPERATIVE	3209	9.44	3316	9.58	3586	9.95	3855	10.46	4124	10.83
LABORER	1050	3.09	1069	3.09	1115	3.09	1170	3.17	1207	3.17
FARMER	7493	22.03	7356	21.24	7014	19.47	6672	18.10	6330	16.63
SERVICES	1876	5.52	1934	5.58	2078	5.77	2223	6.03	2367	6.22
OTHER	6231	18.32	6391	18.45	6634	18.41	6254	17.08	6357	16.70
<b>INCOME</b>										
LESS THAN \$5,000	623	1.83	631	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	5145	15.13	4398	12.70	4396	12.20	3667	9.95	2566	7.79
\$10,000 TO \$14,999	6332	18.62	6306	18.21	6399	17.76	5389	14.62	4424	11.62
\$15,000 TO \$24,999	13579	39.93	12921	37.31	12431	34.50	11522	31.26	11645	30.59
\$25,000 & OVER	8329	24.49	10375	29.96	12805	35.54	16281	44.17	19034	50.00
<b>RESIDENCE</b>										
URBAN	17793	50.45	18859	51.83	20846	54.25	22526	57.02	24348	59.65
RURAL	17479	49.55	17524	48.17	17577	45.75	16980	42.98	16465	40.35

APPENDIX TABLE C-3  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SR3  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	20526	40.07	20044	39.05	20438	38.97	22211	41.57	23043	42.16
20 TO 44	14390	28.09	15329	29.86	17003	32.42	17342	32.46	18745	34.30
45 TO 64	9231	18.02	8890	17.32	8147	15.53	7471	13.98	6728	12.31
65 AND OVER	7073	13.81	7067	13.77	6859	13.08	6407	11.95	6141	11.24
<b>EDUCATION</b>										
0 - 8 YEARS	4996	37.23	4256	34.18	3663	28.34	3081	23.13	2275	17.39
9 - 11 YEARS	1643	12.24	1502	12.06	1531	11.85	1501	11.27	1488	11.38
12 YEARS	3840	28.61	3671	29.49	4214	32.60	4628	34.74	4905	37.50
13 - 15 YEARS	1673	12.47	1631	13.10	1989	15.39	2317	17.39	2483	18.98
16 YEARS OR MORE	1269	9.46	1390	11.16	1528	11.82	1793	13.46	1928	14.74
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	9379	53.38	9317	52.51	9039	50.07	8495	46.93	8167	44.49
2.0 - 2.9 WEEKS	4618	26.28	3205	18.06	603	3.34	633	3.50	0	0.00
3.0 WEEKS & OVER	3572	20.33	5220	29.42	8409	46.58	6573	49.57	10190	55.51
<b>OCCUPATION</b>										
PROFESSIONAL	1048	5.97	1065	6.00	1107	6.13	1148	6.34	1190	6.48
MANAGER	2097	11.94	2157	12.16	2307	12.78	2457	13.57	2607	14.20
SALES	522	2.97	539	3.04	581	3.22	624	3.48	666	3.63
CLERK	427	2.43	444	2.50	486	2.69	528	2.92	571	3.11
CRAFTSMAN	1505	8.57	1554	8.76	1677	9.29	1801	9.98	1924	10.48
OPERATIVE	1179	6.71	1218	6.87	1317	7.30	1416	7.82	1515	8.25
LABORER	568	3.23	578	3.26	603	3.34	633	3.50	653	3.56
FARMER	5554	32.18	5550	31.28	5292	29.32	5034	27.81	4776	26.02
SERVICES	844	4.80	870	4.90	934	5.17	959	5.52	1064	5.80
OTHER	3725	21.20	3767	21.23	3747	20.76	3461	19.12	3391	18.47
<b>INCOME</b>										
LESS THAN \$5,000	322	1.83	323	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	2658	15.13	2253	12.70	2202	12.20	1802	10.12	1430	7.79
\$10,000 TO \$14,999	3271	18.62	3231	18.21	3206	17.76	2346	13.16	2133	11.62
\$15,000 TO \$24,999	7015	39.93	6619	37.31	6228	34.50	5658	31.78	5615	30.59
\$25,000 & OVER	4303	24.49	5316	29.96	6415	35.54	7595	44.91	9179	50.00
<b>RESIDENCE</b>										
URBAN	2198	14.55	2339	15.25	2572	16.55	2755	18.16	3041	19.83
RURAL	12905	85.45	12596	84.75	12969	83.45	12417	81.84	12296	80.17

APPENDIX TABLE C-4  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SRA  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	31396	30.28	30143	28.61	28794	26.79	28849	26.56	27463	25.27
20 TO 44	45597	44.37	49091	46.60	53384	49.68	54822	50.46	47962	44.13
45 TO 64	15725	15.17	15662	14.87	14969	13.93	15089	13.89	23533	21.65
65 AND OVER	10557	10.18	10458	9.93	10318	9.60	5877	9.09	9720	8.94
<b>EDUCATION</b>										
0 - 8 YEARS	9062	27.29	8742	25.00	7335	18.28	6098	15.63	4507	11.43
9 - 11 YEARS	3401	10.24	3522	10.07	3506	8.74	3391	8.65	3366	8.54
12 YEARS	10198	30.72	11042	31.58	12357	30.79	13417	34.39	14234	36.10
13 - 15 YEARS	4597	13.85	5074	14.51	9031	22.50	6946	17.80	7453	18.90
16 YEARS OR MORE	5944	17.90	6588	18.84	7902	19.69	9163	23.49	9869	25.03
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	10626	34.37	10516	33.50	10308	31.58	9757	29.08	9513	27.37
2.0 - 2.9 WEEKS	11855	38.34	7330	23.35	1223	3.75	1284	3.83	0	0.00
16 YEARS OR MORE	8437	27.29	13545	43.15	21110	64.67	22517	67.10	25249	72.63
<b>OCCUPATION</b>										
PROFESSIONAL	3109	10.06	3159	10.06	3283	10.06	3407	10.15	3531	10.16
MANAGER	4183	13.53	4303	13.71	4602	14.10	4901	14.60	5201	14.96
SALES	1305	4.22	1347	4.29	1454	4.45	1560	4.65	1666	4.79
CLERK	1145	3.70	1190	3.79	1303	3.99	1416	4.22	1529	4.40
CRAFTSMAN	4738	15.32	4893	15.59	5281	16.18	5669	16.89	6057	17.42
OPERATIVE	2682	8.67	2772	8.83	2997	9.18	3222	9.60	3447	9.92
LABORER	1152	3.73	1173	3.74	1223	3.75	1284	3.83	1324	3.81
FARMER	4732	15.31	4645	14.80	4429	13.57	4213	12.55	3997	11.50
SERVICES	1978	6.40	2038	6.43	2190	6.71	2342	6.98	2494	7.17
OTHER	5894	19.06	5871	18.70	5879	18.01	5544	16.52	5516	15.87
<b>INCOME</b>										
LESS THAN \$5,000	566	1.83	571	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	4678	15.13	3987	12.70	3982	12.20	3240	9.95	2708	7.79
\$10,000 TO \$14,999	5757	18.62	5716	18.21	5797	17.76	4760	14.62	4039	11.62
\$15,000 TO \$24,999	12345	39.93	11712	37.31	11261	34.50	10178	31.26	10634	30.59
\$25,000 & OVER	7572	24.49	9405	29.96	11601	35.54	14380	44.17	17381	50.00
<b>RESIDENCE</b>										
URBAN	22755	59.64	24280	60.97	26180	63.26	27786	65.82	29247	68.22
RURAL	15396	40.36	15540	39.03	15204	36.74	14426	34.18	13627	31.78



APPENDIX TABLE C-5  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SRS  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	39458	32.16	38308	31.12	37404	30.11	37957	30.57	36833	29.68
20 TO 44	45474	37.06	47545	38.62	51054	41.10	51602	41.55	49499	39.69
45 TO 64	21883	17.83	21413	17.39	20069	16.16	19632	15.81	22801	18.37
65 AND OVER	15891	12.95	15844	12.87	15700	12.64	14992	12.07	14970	12.06
<b>EDUCATION</b>										
0 - 8 YEARS	8751	25.29	8283	23.10	6776	18.12	5471	14.24	3590	10.36
9 - 11 YEARS	3435	9.93	3489	9.73	3380	9.04	3182	8.28	3117	6.10
12 YEARS	10320	29.83	10963	30.57	11962	31.99	12614	32.84	13206	34.30
13 - 15 YEARS	6107	17.65	6615	18.45	7664	20.50	8573	22.32	9079	23.58
16 YEARS OR MORE	5985	17.30	6508	18.15	7611	20.35	8573	22.32	9111	23.66
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	16185	34.47	16102	33.71	15841	31.65	14920	29.22	14625	27.60
2.0 - 2.9 WEEKS	17412	37.08	11808	24.72	1707	3.43	1791	3.51	0	0.00
3.0 WEEKS & OVER	13356	28.45	19852	41.56	32189	64.72	34354	67.28	38366	72.40
<b>OCCUPATION</b>										
PROFESSIONAL	4459	9.50	4530	9.48	4708	9.47	4666	9.57	5065	9.56
MANAGER	6583	14.02	6771	14.18	7242	14.56	7713	15.10	8184	15.44
SALES	2199	4.68	2271	4.75	2450	4.93	2629	5.15	2808	5.30
CLERK	2314	4.93	2405	5.04	2634	5.30	2863	5.61	3092	5.83
CRAFTSMAN	5952	12.68	6146	12.87	6633	13.34	7121	13.94	7608	14.36
OPERATIVE	4526	9.64	4678	9.79	5038	10.17	5438	10.65	5817	10.98
LABORER	1608	3.42	1636	3.43	1707	3.43	1791	3.51	1847	3.49
FARMER	7185	15.30	7054	14.77	6726	13.52	6398	12.53	6070	11.45
SERVICES	3127	6.66	3223	6.75	3464	6.96	3704	7.25	3945	7.44
OTHER	9000	19.17	9048	18.94	9115	18.33	8522	16.69	8555	16.14
<b>INCOME</b>										
LESS THAN \$5,000	859	1.83	870	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	7104	15.13	6066	12.70	6068	12.20	5081	9.95	4128	7.79
\$10,000 TO \$14,999	8743	18.62	8697	18.21	8833	17.76	7466	14.62	6158	11.62
\$15,000 TO \$24,999	18748	39.93	17820	37.31	17159	34.50	15963	31.26	16210	30.59
\$25,000 & OVER	11499	24.49	14309	29.96	17677	35.54	22555	44.17	26495	50.00
<b>RESIDENCE</b>										
URBAN	24001	58.35	24984	59.70	26548	62.01	27594	64.61	28982	67.05
RURAL	17131	41.65	16868	40.30	16266	37.99	15114	35.39	14245	32.55

APPENDIX TABLE C-6  
 POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SR6  
 FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	24634	32.37	23063	30.80	21563	29.81	21430	30.91	20656	31.11
20 TO 44	23081	30.33	24129	32.22	25088	34.68	24689	35.61	24239	36.50
45 TO 64	16042	21.08	15325	20.47	13659	18.88	11997	17.31	10790	16.25
65 AND OVER	12355	16.23	12361	16.51	12036	16.64	11208	16.17	10716	16.14
<b>EDUCATION</b>										
0 - 8 YEARS	8534	40.73	7944	38.01	6617	31.42	5331	25.85	3864	19.60
9 - 11 YEARS	2360	11.26	2357	11.28	2325	11.04	2183	10.56	2125	10.78
12 YEARS	5794	27.65	6051	28.95	6724	31.93	7075	34.30	7360	37.34
13 - 15 YEARS	2271	10.84	2418	11.57	2853	13.55	3188	15.44	3351	17.00
16 YEARS OR MORE	1993	9.51	2132	10.20	2538	12.05	2852	13.83	3012	15.28
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	17010	52.09	16905	51.21	16379	48.71	15379	45.53	14815	43.13
2.0 - 2.9 WEEKS	9440	28.91	6075	18.40	1122	3.34	1178	3.49	0	0.00
3.0 WEEKS & OVER	6208	19.01	10029	30.38	16126	47.96	17221	50.98	19531	56.87
<b>OCCUPATION</b>										
PROFESSIONAL	1697	5.20	1724	5.22	1792	5.33	1860	5.51	1927	5.61
MANAGER	3720	11.39	3827	11.59	4093	12.17	4359	12.90	4625	13.47
SALES	1040	3.18	1074	3.25	1159	3.45	1243	3.68	1328	3.87
CLERK	791	2.42	822	2.49	901	2.68	979	2.90	1057	3.08
CRAFTSMAN	3541	10.84	3656	11.08	3946	11.73	4236	12.54	4526	13.18
OPERATIVE	2421	7.41	2502	7.58	2705	8.04	2908	8.61	3111	9.06
LABORER	1057	3.24	1076	3.26	1122	3.34	1178	3.49	1215	3.54
FARMER	10281	31.48	10053	30.58	9624	28.62	9155	27.10	8665	25.29
SERVICES	1381	4.23	1423	4.31	1530	4.55	1636	4.84	1742	5.07
OTHER	6729	20.60	6812	20.64	6755	20.09	6224	18.43	6130	17.85
<b>INCOME</b>										
LESS THAN \$5,000	598	1.83	601	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	4941	15.13	4192	12.70	4103	12.20	3361	9.95	2676	7.79
\$10,000 TO \$14,999	6081	18.62	6011	18.21	5972	17.76	4938	14.62	3591	11.62
\$15,000 TO \$24,999	13040	39.93	12316	37.31	11601	34.50	10555	31.26	10506	30.59
\$25,000 & OVER	7998	24.49	9889	29.96	11951	35.54	14920	44.17	17173	50.00
<b>RESIDENCE</b>										
URBAN	7466	29.93	7796	31.11	8108	33.22	8268	35.76	8449	38.30
RURAL	17483	70.07	17267	68.89	16296	66.78	14858	64.24	13610	61.70

APPENDIX TABLE C-7  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SR7  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	42230	37.21	41266	35.75	41971	34.32	45498	35.28	47703	35.25
20 TO 44	37248	32.82	39938	34.60	46077	37.68	49234	38.18	52955	39.13
45 TO 64	21498	18.94	21389	18.53	20734	16.95	20582	15.96	20621	15.24
65 AND OVER	12511	11.02	12851	11.13	13517	11.05	13645	10.58	14046	10.38
<b>EDUCATION</b>										
0 - 8 YEARS	10562	37.24	10095	34.53	9146	28.08	8055	22.74	6317	17.02
9 - 11 YEARS	2678	9.44	2747	9.40	2950	9.06	3025	8.54	3187	8.59
12 YEARS	7538	26.58	8084	27.65	9772	30.00	11236	31.72	12653	34.09
13 - 15 YEARS	3933	13.87	4301	14.71	5519	16.94	6733	19.01	7670	20.67
16 YEARS OR MORE	3649	12.87	4006	13.70	5188	15.93	6375	18.00	7288	15.64
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	16655	41.60	16742	41.04	16780	39.48	16359	37.38	16206	35.60
2.0 - 2.9 WEEKS	13471	33.65	8197	20.09	1624	3.82	1704	3.85	0	0.00
3.0 WEEKS & OVER	9911	24.75	15854	38.86	24096	56.70	25657	58.72	29056	64.20
<b>OCCUPATION</b>										
PROFESSIONAL	3803	9.50	3864	9.47	4016	9.45	4168	9.52	4320	9.54
MANAGER	4606	11.65	4800	11.77	5134	12.08	5468	12.50	5801	12.62
SALES	1433	3.58	1480	3.63	1597	3.76	1713	3.91	1830	4.04
CLERK	1442	3.60	1499	3.67	1642	3.86	1784	4.08	1927	4.26
CRAFTSMAN	5511	13.76	5691	13.95	6142	14.45	6593	15.07	7044	15.56
OPERATIVE	3004	7.50	3105	7.61	3357	7.90	3609	8.25	3861	8.53
LABORER	1530	3.82	1557	3.82	1624	3.82	1704	3.85	1758	3.88
FARMER	9683	24.19	9506	23.30	9064	21.33	8622	19.70	8180	18.07
SERVICES	1993	4.98	2055	5.04	2208	5.20	2362	5.40	2515	5.56
OTHER	6972	17.41	7236	17.74	7716	18.16	7737	17.66	8026	17.73
<b>INCOME</b>										
LESS THAN \$5,000	733	1.83	742	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	6058	15.13	5181	12.70	5185	12.20	4354	9.95	3526	7.79
\$10,000 TO \$14,999	7455	18.62	7428	18.21	7548	17.76	6398	14.62	5259	11.62
\$15,000 TO \$24,999	15986	39.93	15220	37.31	14663	34.50	13679	31.26	13846	30.59
\$25,000 & OVER	9805	24.45	12222	29.96	15104	35.54	19329	44.17	22631	50.00
<b>RESIDENCE</b>										
URBAN	15251	44.55	16074	52.52	18585	48.34	20518	51.15	22704	53.85
RURAL	18983	55.45	14532	47.48	19858	51.66	19599	48.85	19460	46.15

APPENDIX TABLE C-8  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR SRB  
FOR 1978, 1980, 1985, 1990 AND 1995

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1985		1990		1995	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	15539	35.84	14669	34.00	13949	32.47	14115	33.25	13587	33.46
20 TO 44	14375	33.16	15187	35.20	16340	38.03	16475	38.81	16111	38.55
45 TO 64	8201	18.92	7898	18.31	7029	16.36	6465	15.24	6421	15.36
65 AND OVER	5239	12.08	5388	12.49	5643	13.14	5353	12.70	5277	12.63
<b>EDUCATION</b>										
0 - 8 YEARS	4227	37.57	4015	34.92	3457	28.61	2866	23.35	2120	17.55
9 - 11 YEARS	1341	11.92	1367	11.89	1394	11.54	1348	10.98	1340	11.05
12 YEARS	3203	28.47	3414	29.65	3921	32.45	4245	34.58	4511	37.34
13 - 15 YEARS	1174	10.43	1277	11.11	1557	12.89	1788	14.57	1923	15.92
16 YEARS OR MORE	1306	11.61	1425	12.39	1754	14.52	2029	16.53	2187	18.10
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	8048	48.58	8057	47.89	8004	46.04	7633	43.29	7397	41.05
2.0 - 2.9 WEEKS	5132	30.98	3364	19.99	823	4.73	863	4.89	0	0.00
3.0 WEEKS & OVER	3388	20.45	5404	32.12	6559	49.23	9137	51.82	10607	58.91
<b>OCCUPATION</b>										
PROFESSIONAL	1079	6.51	1096	6.51	1140	6.56	1183	6.71	1226	6.81
MANAGER	1763	10.64	1814	10.78	1940	11.16	2066	11.72	2192	12.18
SALES	614	3.71	635	3.77	685	3.94	735	4.17	765	4.36
CLERK	546	3.30	568	3.38	622	3.58	676	3.83	730	4.05
CRAFTSMAN	1865	11.26	1926	11.45	2079	11.96	2231	12.65	2384	13.24
OPERATIVE	1228	7.41	1269	7.54	1372	7.69	1475	8.36	1578	8.78
LABORER	775	4.68	789	4.69	823	4.73	863	4.85	891	4.95
FARMER	5187	31.31	5052	30.26	4856	27.93	4615	26.20	4362	24.34
SERVICES	650	3.92	671	3.99	721	4.15	771	4.37	821	4.56
OTHER	2861	17.27	2965	17.62	3148	18.11	3014	17.09	3015	16.75
<b>INCOME</b>										
LESS THAN \$5,000	303	1.83	306	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	2507	15.13	2137	12.70	2121	12.20	1755	9.95	1463	7.79
\$10,000 TO \$14,999	3085	18.62	3064	18.21	3088	17.76	2578	14.62	2092	11.62
\$15,000 TO \$24,999	6615	39.93	6277	37.31	5998	34.50	5512	31.26	5567	30.59
\$25,000 & OVER	4058	24.45	5041	29.96	6179	35.54	7788	44.17	9002	50.00
<b>RESIDENCE</b>										
URBAN	4078	29.61	4326	30.78	4676	32.89	4922	35.41	5152	37.52
RURAL	9694	70.39	9727	69.22	9535	67.11	8977	64.59	8433	62.08

APPENDIX TABLE C-9  
POPULATION DISTRIBUTIONS FOR SIX SOCIOECONOMIC CHARACTERISTICS FOR NORTH DAKOTA  
FOR 1978, 1980, 1982, 1990 AND 1992

SOCIOECONOMIC VARIABLE	DISTRIBUTION OF POPULATION									
	1978		1980		1982		1990		1992	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>AGE</b>										
LESS THAN 20	221674	34.26	213558	32.85	208745	31.88	215563	32.26	214436	31.84
20 TO 44	229453	35.46	242640	37.32	264813	40.06	271583	40.64	265316	39.39
45 TO 64	116704	18.05	114355	17.59	107577	16.27	104364	15.62	117547	17.51
65 AND OVER	78887	12.20	79525	12.23	75952	12.09	76672	11.47	75635	11.26
<b>EDUCATION</b>										
0 - 8 YEARS	57195	31.84	53773	29.27	45914	23.88	36362	18.93	28663	14.16
9 - 11 YEARS	19150	10.66	19253	10.48	19408	9.97	18850	9.30	18856	9.32
12 YEARS	53392	29.72	56462	30.74	64056	32.90	69768	34.41	74642	36.87
13 - 15 YEARS	25312	14.09	27320	14.87	32892	16.89	38014	18.75	39245	19.39
16 YEARS OR MORE	24602	13.65	26888	14.64	32452	16.67	37751	18.62	41012	20.26
<b>WEEKS OF PAID VACATION</b>										
0 - 1.9 WEEKS	96840	42.01	96596	41.25	98237	39.27	90507	36.56	88248	34.62
2.0 - 2.9 WEEKS	78766	34.17	80429	21.54	8564	3.53	8587	3.63	0	0.00
3.0 WEEKS & OVER	54926	23.83	87141	37.21	138708	57.20	146054	59.81	166667	65.38
<b>OCCUPATION</b>										
PROFESSIONAL	18210	7.90	18502	7.90	19230	7.93	19957	8.00	20684	8.11
MANAGER	28325	12.29	29137	12.44	31163	12.85	33190	13.41	35215	13.81
SALES	9014	3.91	9309	3.98	10043	4.14	10776	4.35	11511	4.52
CLERK	8391	3.64	8721	3.72	9552	3.94	10381	4.15	11212	4.40
CRAFTSMAN	29808	12.93	30781	13.14	33222	13.70	35663	14.41	38102	14.95
OPERATIVE	19482	8.45	20134	8.60	21769	8.68	23404	9.46	25037	9.82
LABORER	6067	3.50	8210	3.51	8564	3.63	8987	3.63	9270	3.64
FARMER	53448	23.18	52470	22.41	50031	20.83	47592	19.23	45151	17.71
SERVICES	12395	5.38	12776	5.46	13729	5.60	14683	5.93	15636	6.13
OTHER	43392	18.82	44126	18.84	45206	18.64	42915	17.34	43057	16.91
<b>INCOME</b>										
LESS THAN \$5,000	4220	1.83	4263	1.82	0	0.00	0	0.00	0	0.00
\$5,000 TO \$9,999	34880	15.13	29740	12.70	29587	12.20	24631	9.95	19859	7.79
\$10,000 TO \$14,999	42925	18.62	42641	18.21	43069	17.76	36152	14.62	29621	11.62
\$15,000 TO \$24,999	52048	39.93	87366	37.31	83666	34.50	77363	31.26	77978	30.55
\$25,000 & OVER	56459	24.45	70156	29.96	86187	35.54	109342	44.17	127457	50.00
<b>RESIDENCE</b>										
URBAN	97126	45.81	102402	47.06	111433	49.62	118388	52.44	126110	55.09
RURAL	114876	54.19	115190	52.94	113156	50.38	107365	47.56	102810	44.91



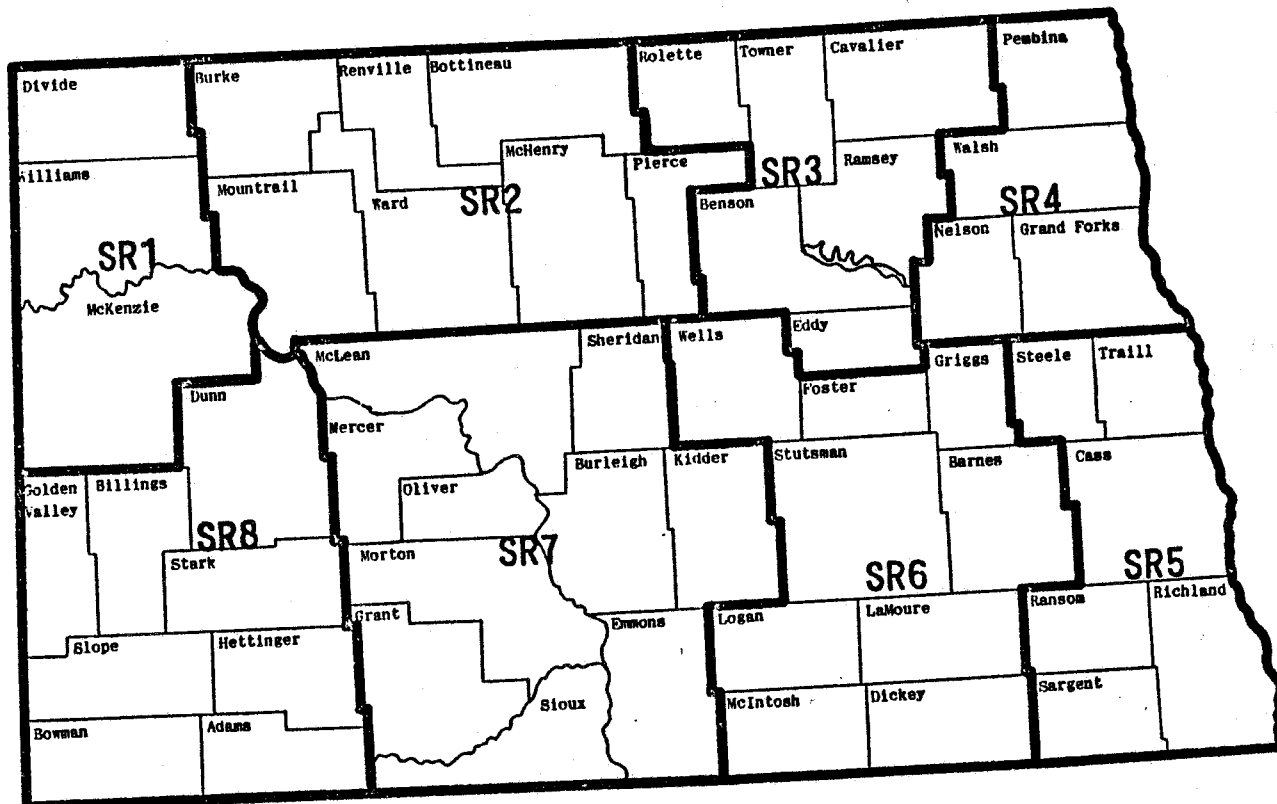
APPENDIX D  
PARTICIPATION ESTIMATES IN SELECTED ACTIVITIES BY  
NORTH DAKOTA RESIDENTS, STATISTICAL APPROACH 1978, 1980, 1985, 1990, and 1995

The odd numbered tables in Appendix D indicate actual 1978-1979 participation and projected participation by activity at the regional and state level while the even numbered tables show the average and total number of days of participation. As an example, see Appendix Tables D-1 and D-2. The column entitled "Percent of Population Participating" Appendix Table D-1 indicates the percent of population in a given region that participates in upland game hunting (i.e., 18.06 percent of the population in SR2 will participate in upland game hunting in 1995). "Total Number of Participants" was calculated by multiplying the percent of population participating times the population for that region (for example, in 1995, 20,631 individuals residing in SR2 will participate in upland game hunting). "Percent Change in Number of Participants" indicates the net change in the number of participants between the base year (1978-1979) and the target year (i.e., there will be 12.20 percent more upland game hunters in SR2 in 1995 than there were in 1978-1979).

The average number of days of participation by upland game hunters will increase from 6.97 days in 1978 to 8.13 in 1995 in SR2 (Appendix Table D-2). Total days of upland game hunting by residents in SR2 (total number of participants in 1978 from Appendix Table D-1 times average number of days participated in 1978 from Appendix Table D-2) will increase from 128,156 days in 1978-1979 167,680 days in 1995. The "Percent Change in Total Days" indicates the percent change in total days participated between the target year and the base year (i.e., total number of days of participation in upland game hunting by residents in SR2 is expected to increase 30.84 percent between 1978 and 1995).

It should be noted that regional totals are not additive to state totals; that is, the addition of regional columns will not result in the state total.

\* For an explanation, see page 35.





APPENDIX TABLE D-1  
PARTICIPATION ESTIMATES FOR UPLAND GAME HUNTING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	23.42	23.58	23.71	23.81	24.04	6970	6962	6928	6852	6808	-0.12	-0.61	-1.69	-2.33
SR2	17.28	18.19	19.46	20.02	18.06	18387	19513	21431	22514	20631	6.12	16.56	22.45	12.20
SR3	10.11	10.42	10.67	11.00	11.32	5178	5349	5597	5878	6188	3.30	8.09	13.51	19.50
SR4	6.54	6.70	6.92	7.05	6.98	6780	7054	7434	7658	7587	4.04	9.64	12.95	11.90
SR5	12.12	12.72	13.72	14.50	15.15	14872	15657	17041	18004	18808	5.28	14.58	21.06	26.46
SR6	10.54	11.05	11.67	11.89	12.14	8022	8273	8441	8242	8061	3.13	5.22	2.74	0.48
SR7	16.16	16.68	17.72	18.62	19.54	18339	19255	21677	24012	26443	4.99	18.20	30.93	44.19
SR8	12.85	13.30	14.20	15.16	15.87	5571	5739	6098	6436	6634	3.01	9.47	15.53	19.08
STATE	12.86	13.27	13.97	14.48	14.88	83168	86275	92353	96784	100233	3.74	11.04	16.37	20.52

APPENDIX TABLE D-2  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	5.51	5.46	5.36	5.28	5.28	38406	38014	37165	36197	35920	-1.02	-3.23	-5.75	-6.47
SR2	6.97	7.22	7.60	7.92	8.13	128156	140832	162816	178315	167680	9.89	27.05	39.14	30.84
SR3	4.26	4.23	4.16	4.11	4.00	22060	22622	23274	24145	24783	2.55	5.51	9.45	12.35
SR4	3.65	3.63	3.57	3.53	3.51	24748	25624	26555	27067	26636	3.54	7.30	9.37	7.63
SR5	5.67	5.59	5.51	5.34	5.22	84324	87592	93916	96213	98215	3.88	11.37	14.10	16.47
SR6	5.50	5.52	5.52	5.01	4.87	44122	45665	46626	41324	39295	3.50	5.68	-6.34	-10.94
SR7	5.87	5.87	5.88	5.89	5.90	107653	113070	127471	141544	156108	5.03	18.41	31.48	45.01
SR8	7.15	7.20	7.28	7.37	7.45	39833	41312	44415	47425	49425	3.71	11.50	19.06	24.08
STATE	5.86	5.86	5.74	5.66	5.62	487364	505674	530363	547757	562816	3.76	8.82	12.39	15.48

APPENDIX TABLE D-3  
PARTICIPATION ESTIMATES FOR WATERFOWL HUNTING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	12.54	11.91	12.28	11.73	11.61	3732	3516	3589	3375	3289	-5.80	-3.84	-9.57	-11.89
SR2	15.45	15.87	16.37	16.63	16.61	16440	17022	18025	18699	18979	3.54	9.64	13.74	15.45
SR3	18.36	19.11	19.69	20.53	21.12	9404	9807	10325	10968	11543	4.28	9.80	16.64	22.75
SR4	11.30	12.47	15.19	15.60	14.78	11715	13138	16321	16949	16064	12.15	39.31	44.68	37.12
SR5	12.91	13.31	14.02	14.84	15.51	15841	16381	17411	18426	19253	3.41	9.91	16.31	21.54
SR6	13.70	14.91	16.57	17.48	18.37	10427	11163	11988	12117	12200	7.05	14.97	16.20	17.00
SR7	11.71	12.19	12.98	13.65	14.32	13289	14070	15878	17602	19374	5.87	19.48	32.46	45.79
SR8	5.39	5.70	6.28	6.69	7.06	2337	2457	2698	2840	2953	5.15	15.44	21.55	26.35
STATE	13.01	13.62	14.50	15.08	15.55	84138	88542	95829	100764	104706	5.23	13.90	19.76	24.45

APPENDIX TABLE D-4  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN WATERFOWL HUNTING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	6.70	6.66	6.62	6.60	6.63	25005	23422	23755	22282	21795	-6.33	-5.00	-10.89	-12.84
SR2	9.73	9.75	9.67	9.52	9.39	159957	166004	174275	177972	178146	3.78	8.95	11.26	11.37
SR3	8.13	8.14	8.03	7.93	7.90	76454	79841	82872	87016	91154	4.43	8.39	13.81	19.23
SR4	5.97	5.97	5.97	5.97	5.97	69940	78436	97436	101188	95904	12.15	39.31	44.68	37.12
SR5	6.59	6.59	6.59	6.59	6.59	104394	107954	114735	121425	126879	3.41	9.91	16.31	21.54
SR6	8.01	8.02	7.86	7.85	7.82	83523	89529	94256	95066	95464	7.19	12.85	13.82	14.30
SR7	6.22	6.24	6.27	6.24	6.28	82660	87778	99571	109782	121603	6.19	20.46	32.81	47.11
SR8	5.51	5.51	5.51	5.51	5.51	12876	13539	14864	15650	16268	5.15	15.44	21.55	26.35
STATE	7.42	7.41	7.38	7.35	7.33	624304	655928	707215	740492	766975	5.07	13.28	18.61	22.85

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-5  
PARTICIPATION ESTIMATES FOR BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	11.26	11.27	11.02	10.88	11.51	3351	3328	3221	3132	3260	-0.69	-3.88	-6.56	-2.73
SR2	11.26	11.24	11.63	11.80	11.90	11981	12058	12807	13272	13599	0.64	6.89	10.77	13.50
SR3	7.87	7.90	7.89	7.61	7.47	4031	4056	4136	4064	4081	0.63	2.60	0.82	1.25
SR4	6.72	6.82	6.94	6.89	6.90	6967	7184	7459	7483	7497	3.11	7.07	7.41	7.60
SR5	7.97	8.18	8.55	8.77	8.92	9780	10076	10618	10896	11072	3.03	8.57	11.42	13.21
SR6	8.02	8.34	9.25	9.58	9.97	6104	6247	6689	6641	6618	2.34	9.58	8.79	8.41
SR7	9.06	8.68	9.56	9.59	9.66	10282	10024	11691	12371	13073	-2.51	13.70	20.32	27.15
SR8	7.46	7.75	8.09	8.93	9.29	3234	3342	3474	3793	3884	3.32	7.43	17.27	20.09
STATE	8.57	8.74	8.99	9.13	9.20	55424	56820	59454	60976	61988	2.52	7.27	10.02	11.84

APPENDIX TABLE D-6  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	4.36	4.12	3.69	3.68	3.59	14611	13719	11876	11515	11692	-6.11	-18.72	-21.19	-19.98
SR2	4.43	4.41	4.69	4.69	4.71	53077	53191	60097	62240	64051	0.22	13.23	17.26	20.68
SR3	4.12	4.13	4.14	4.15	4.15	16608	16769	17135	16848	16951	0.97	3.17	1.45	2.07
SR4	4.98	5.00	5.03	5.08	5.11	34695	35890	37518	38003	38293	3.44	8.14	9.53	10.37
SR5	5.01	4.91	4.85	4.72	4.59	48996	49500	51524	51417	50872	1.03	5.16	4.94	3.83
SR6	4.70	4.71	4.72	4.70	4.70	28690	29425	31556	31211	31104	2.56	9.99	8.79	8.41
SR7	3.80	3.87	4.53	4.64	4.82	39071	38796	52995	57395	62973	-0.70	35.64	46.90	61.17
SR8	3.89	4.17	4.54	4.66	4.83	12581	13927	15766	17684	18764	10.70	25.31	40.56	49.14
STATE	4.44	4.45	4.47	4.50	4.52	246081	252837	265982	274387	280401	2.75	8.09	11.50	13.95

APPENDIX TABLE D-7  
PARTICIPATION ESTIMATES FOR NONGAME HUNTING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	10.24	10.34	10.41	10.33	10.35	3048	3053	3041	2971	2930	0.17	-0.21	-2.50	-3.85
SR2	7.02	6.49	7.17	7.09	7.12	7470	6963	7898	7970	8137	-6.78	5.73	6.70	8.93
SR3	5.62	5.69	5.76	5.64	5.65	2879	2921	3019	3015	3090	1.48	4.89	4.75	7.34
SR4 ▲	3.20	3.36	3.80	3.97	3.87	3318	3540	4080	4311	4209	6.71	22.98	29.95	26.88
SR5 ▲	3.98	4.03	4.63	5.01	4.33	4884	4958	5757	6223	5374	1.51	17.88	27.43	10.05
SR6	6.47	7.05	7.76	8.07	8.40	4924	5277	5613	5591	5575	7.16	13.98	13.54	13.20
SR7	7.60	7.30	8.26	8.44	8.65	8625	8425	10103	10886	11705	-2.32	17.14	26.22	35.71
SR8	7.87	7.98	8.08	8.64	8.75	3412	3444	3473	3666	3657	0.93	1.79	7.46	7.19
STATE	6.06	6.03	6.42	6.56	6.58	39191	39178	42414	43813	44347	-0.03	8.22	11.79	13.16

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-8  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN NONGAME HUNTING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 □	9.00	9.00	9.00	9.00	9.00	27429	27474	27370	26742	26374	0.17	-0.21	-2.50	-3.85
SR2	7.19	7.14	7.01	6.89	6.81	53707	49698	55398	54929	55430	-7.46	3.15	2.28	3.21
SR3	10.98	11.00	11.05	11.13	11.18	31607	32128	33379	33560	34558	1.65	5.61	6.18	9.34
SR4 ▲ □	9.69	9.69	9.69	9.69	9.69	32148	34305	39534	41774	40789	6.71	22.98	29.95	26.88
SR5 ▲	7.31	6.95	6.39	5.87	5.12	35700	34457	36815	36529	27525	-3.48	3.12	2.32	-22.90
SR6	6.75	6.61	6.50	6.30	6.18	33240	34908	36473	35201	34442	5.02	9.73	5.90	3.62
SR7	7.22	7.25	7.32	7.29	7.29	62273	61111	73939	79376	85296	-1.87	18.82	27.47	36.97
SR8	9.24	10.74	12.88	12.93	13.65	31527	36998	44715	47418	49925	17.36	41.83	50.41	58.36
STATE	7.90	7.84	7.69	7.54	7.39	309610	307062	326154	330412	327780	-0.82	5.34	6.72	5.87

▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-9  
 PARTICIPATION ESTIMATES FOR ICE FISHING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	13.06	13.16	13.35	13.30	13.41	3887	3886	3900	3827	3798	-0.03	0.34	-1.55	-2.28
SR2	13.36	12.84	13.59	13.72	13.82	14216	13780	14961	15427	15790	-3.06	5.24	8.52	11.08
SR3	10.11	10.51	11.04	11.02	10.92	5178	5396	5789	5887	5966	4.20	11.80	13.68	15.22
SR4 ▲	4.83	5.03	5.36	5.37	5.29	5008	5300	5760	5834	5753	5.84	15.03	16.50	14.89
SR5 ▲	3.76	3.77	3.73	3.74	3.84	4614	4636	4633	4650	4762	0.49	0.42	0.78	3.22
SR6	8.79	8.95	11.44	11.89	12.44	6690	6699	8278	8245	8261	0.13	23.74	23.24	23.47
SR7	10.25	10.19	10.07	10.14	9.97	11632	11766	12310	13073	13496	1.14	5.83	12.39	16.02
SR8	5.25	5.32	5.36	5.34	5.33	2276	2296	2303	2266	2228	0.85	1.20	-0.46	-2.12
STATE	8.24	8.33	8.48	8.54	8.56	53290	54129	56086	57081	57670	1.58	5.25	7.11	8.22

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE D-10  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 □	6.41	6.41	6.41	6.41	6.41	24915	24907	24999	24530	24348	-0.03	0.34	-1.55	-2.28
SR2	6.32	6.51	6.76	6.76	6.81	89843	89670	101088	104315	107489	-0.19	12.52	16.11	19.64
SR3	7.79	7.60	7.22	6.85	6.60	40339	41013	41783	40347	39366	1.67	3.58	0.02	-2.41
SR4 ▲	5.83	5.24	3.90	4.68	4.40	29194	27762	22449	27297	25310	-4.91	-23.10	-6.50	-13.30
SR5 ▲	5.64	5.27	5.03	4.38	5.26	26022	24431	23282	20345	25028	-6.11	-10.53	-21.82	-3.82
SR6	4.49	4.51	4.52	4.48	4.47	30039	30215	37378	36943	36916	0.59	24.43	22.98	22.89
SR7	5.88	6.04	6.09	6.13	6.21	68399	71084	74960	80077	83802	3.93	9.59	17.07	22.52
SR8 □	4.15	4.15	4.15	4.15	4.15	9446	9526	9559	9403	9246	0.85	1.20	-0.46	-2.12
STATE	5.84	5.74	5.56	5.64	5.56	311211	310960	311689	321716	320693	-0.08	0.15	3.38	3.05

▲Less than 5 percent of the respondents participated.

□Average number of days participated held at 1978 levels.

APPENDIX TABLE D-11  
PARTICIPATION ESTIMATES FOR CROSS-COUNTRY SKIING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	3.16	3.11	2.99	2.98	2.92	940	918	874	857	828	-2.39	-7.07	-8.90	-11.95
SR2 ▲	4.09	4.23	4.41	4.70	4.87	4352	4539	4856	5287	5559	4.31	11.59	21.49	27.74
SR3 ▲	4.12	4.44	4.81	5.20	5.53	2110	2280	2521	2780	3020	8.06	19.49	31.72	43.12
SR4 ▲	4.96	5.19	5.66	5.96	6.07	5142	5463	6083	6473	6591	6.24	18.30	25.87	28.18
SR5	6.57	7.00	7.76	8.39	8.87	8062	8621	9643	10416	11011	6.93	19.61	29.20	36.59
SR6 ▲	3.04	3.26	3.68	3.85	4.14	2314	2441	2660	2668	2751	5.49	14.97	15.29	18.89
SR7 ▲	4.09	4.40	4.87	5.29	5.64	4642	5074	5954	6822	7631	9.32	28.28	46.98	64.40
SR8 ▲	2.69	3.42	4.44	5.27	5.87	1166	1474	1909	2235	2455	26.38	63.73	91.68	110.55
STATE ▲	4.34	4.67	5.20	5.60	5.91	28068	30335	34361	37451	39793	8.08	22.42	33.43	41.78

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-12  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN CROSS-COUNTRY SKIING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	6.07	6.07	6.07	6.07	6.07	5709	5572	5305	5200	5026	-2.39	-7.07	-8.90	-11.95
SR2 ▲	5.07	4.95	4.72	4.74	4.59	22004	22460	22905	25061	26097	1.79	3.81	13.58	18.28
SR3 ▲ □	5.45	5.45	5.45	5.45	5.45	11501	12428	13742	15149	16460	8.06	19.49	31.72	43.12
SR4 ▲	6.39	6.39	6.37	6.34	6.42	32859	34907	38745	41025	42334	6.23	17.91	24.85	28.83
SR5	6.42	6.24	6.49	6.46	6.47	51757	53783	62583	67242	71266	3.92	20.92	29.92	37.69
SR6 ▲ □	7.47	7.47	7.47	7.47	7.47	17284	18233	19871	19927	20549	5.49	14.97	15.29	18.89
SR7 ▲	7.72	7.96	8.11	8.35	8.54	35833	40381	48285	56959	65196	12.69	34.75	58.96	81.94
SR8 ▲ □	11.47	11.47	11.47	11.47	11.47	13377	16905	21902	25640	28165	26.38	63.73	91.68	110.55
STATE ▲	6.76	6.84	6.80	6.79	6.80	189737	207567	233671	254356	270749	9.40	23.16	34.06	42.70

▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-13  
PARTICIPATION ESTIMATES FOR DOWNHILL SKIING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	3.58	4.98	6.75	7.21	7.74	1065	1470	1973	2075	2192	38.00	85.21	94.76	105.72
SR2	7.28	7.74	8.39	9.01	9.41	7746	8300	9244	10131	10753	7.14	19.33	30.79	38.81
SR3	7.24	7.52	7.91	8.69	9.12	3708	3859	4147	4641	4982	4.07	11.84	25.16	34.35
SR4 ▲	3.44	3.47	3.52	4.93	5.01	3566	3654	3783	5385	5445	2.44	6.08	50.15	52.67
SR5 ▲	1.18	1.17	1.16	1.14	1.12	1448	1442	1435	1418	1387	-0.39	-0.90	-2.08	-4.18
SR6 ▲	2.13	2.33	2.57	2.92	3.17	1621	1745	1862	2027	2108	7.66	14.88	25.04	30.02
SR7 ▲	2.00	1.92	2.14	2.22	2.27	2270	2219	2622	2859	3077	-2.23	15.51	25.96	35.57
SR8 ▲	0.97	0.97	0.96	0.95	0.96	421	419	414	404	400	-0.42	-1.52	-4.03	-4.87
STATE ▲	3.19	3.36	3.62	3.83	3.97	20630	21870	23912	25589	26731	6.01	15.91	24.04	29.57

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-14  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN DOWNHILL SKIING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	1.93	1.93	1.93	1.93	1.93	2056	2838	3809	4005	4230	38.00	85.21	94.76	105.72
SR2 □	4.65	4.65	4.65	4.65	4.65	36020	38593	42983	47110	50001	7.14	19.33	30.79	38.81
SR3	5.07	5.04	5.02	5.08	5.08	18801	19446	20835	23581	25327	3.43	10.82	25.42	34.71
SR4 ▲ □	4.70	4.70	4.70	4.70	4.70	16762	17172	17782	25168	25590	2.44	6.08	50.15	52.67
SR5 ▲ □ □	2.95	2.95	2.95	2.95	2.95	4271	4255	4233	4183	4093	-0.39	-0.90	-2.08	-4.18
SR6 ▲ □ □ □	4.94	4.94	4.94	4.94	4.94	8009	8622	9200	10014	10413	7.66	14.88	25.04	30.02
SR7 ▲ □ □	3.56	3.56	3.56	3.56	3.56	8080	7900	9334	10178	10954	-2.23	15.51	25.96	35.57
SR8 ▲ □ □	3.71	3.71	3.71	3.71	3.71	1560	1554	1536	1497	1484	-0.42	-1.52	-4.03	-4.87
STATE ▲	4.37	4.58	4.28	4.26	4.21	90154	100110	102460	108952	112619	11.04	13.65	20.85	24.92

▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-15  
PARTICIPATION ESTIMATES FOR SNOWMOBILING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	19.92	20.23	18.82	20.08	23.71	5929	5974	5499	5778	6716	0.76	-7.24	-2.54	13.28
SR2	20.49	19.60	21.23	21.95	22.30	21802	21034	23383	24681	25484	-3.53	7.25	13.20	10.89
SR3	22.08	22.45	22.87	23.72	24.22	11309	11522	11996	12672	13235	1.88	6.07	12.05	17.03
SR4	13.89	14.12	14.28	14.97	14.93	14400	14872	15348	16259	16223	3.28	6.58	12.91	12.66
SR5	12.39	11.81	12.74	13.01	13.08	15203	14536	15824	16160	16233	-4.39	4.08	6.29	6.77
SR6	13.55	14.14	15.19	16.12	16.87	10313	10592	10993	11173	11204	2.70	6.59	8.34	8.64
SR7	14.14	13.52	14.97	15.44	15.79	16047	15607	18303	19913	21372	-2.74	14.06	24.09	33.18
SR8	18.51	18.10	17.61	18.73	19.44	8025	7811	7566	7951	8126	-2.67	-5.71	-0.92	1.27
STATE	15.69	15.74	15.25	15.72	17.07	101470	102293	100810	105072	114968	0.81	-0.65	3.55	13.30

APPENDIX TABLE D-16  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN SNOWMOBILING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	11.86	13.60	15.80	16.84	17.73	70313	81221	86886	97306	119072	15.51	23.57	38.39	69.35
SR2	12.40	12.66	13.18	13.99	14.22	270350	266372	308278	345371	362325	-1.47	14.03	27.75	34.02
SR3	14.77	14.79	14.72	14.66	14.61	167039	170381	176544	185740	193413	2.00	5.69	11.19	15.79
SR4	9.91	9.89	9.86	9.85	9.89	142709	147045	151291	160097	160481	3.04	6.01	12.18	12.45
SR5	10.83	10.67	10.58	10.37	10.67	164651	155162	167349	167559	173235	-5.76	1.64	1.77	5.21
SR6	7.77	7.77	7.79	7.80	7.82	80133	82341	85620	87200	87572	2.75	6.85	8.82	9.28
SR7	10.81	10.35	10.50	10.24	10.01	173469	161594	192118	203851	213887	-6.85	10.75	17.51	23.30
SR8	14.35	14.35	14.35	14.35	14.35	115156	112084	108578	114102	116613	-2.67	-5.71	-0.92	1.27
STATE	11.39	11.49	11.54	11.64	11.70	1155744	1174905	1163266	1223453	1345098	1.66	0.65	5.86	16.38

□ Average number of days participated held at 1978 levels.



APPENDIX TABLE D-17  
 PARTICIPATION ESTIMATES FOR SLEDDING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	26.88	27.40	28.56	30.06	31.26	8000	8092	8345	8651	8852	1.15	4.31	8.13	10.65
SR2	11.69	12.03	12.95	13.97	14.52	12439	12912	14262	15704	16588	3.80	14.66	26.25	33.36
SR3	10.59	10.41	10.69	10.98	11.14	5424	5341	5605	5867	6090	-1.53	3.33	8.16	12.28
SR4	14.35	14.11	14.59	16.31	16.20	14877	14861	15679	17716	17602	-0.11	5.39	19.08	18.32
SR5	12.54	12.17	13.42	14.30	14.67	15387	14983	16673	17756	18205	-2.63	8.36	15.39	18.31
SR6	10.54	11.12	12.67	14.19	15.55	8022	8329	9163	9835	10328	3.82	14.22	22.60	28.74
SR7	15.34	15.66	16.03	17.00	17.89	17409	18079	19605	21925	24213	3.85	12.61	25.94	39.08
SR8	18.65	18.94	20.05	21.60	21.97	8086	8169	8616	9170	9182	1.03	6.56	13.41	13.57
STATE	13.71	13.90	14.54	15.43	15.90	88665	90338	96109	103108	107099	1.89	6.40	16.29	20.79

APPENDIX TABLE D-18  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN SLEDDING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	7.32	7.26	7.04	6.85	6.28	58560	58711	58770	59218	55561	0.26	0.36	1.12	-5.12
SR2	8.19	7.93	7.51	7.49	7.29	101873	102386	107091	117634	120898	0.50	5.12	15.47	18.68
SR3	9.52	9.25	9.03	8.41	9.34	51638	49389	50630	49332	56907	-4.36	-1.95	-4.47	10.20
SR4	7.36	7.19	6.64	6.54	6.14	109497	106907	104075	115863	108074	-2.37	-4.95	5.81	-1.30
SR5	6.04	5.98	6.35	6.61	6.73	92939	89626	105822	117369	122505	-3.57	13.86	26.29	31.81
SR6	7.51	6.81	5.53	5.51	5.41	60247	56759	50718	55196	55915	-5.79	-15.82	-8.38	-7.19
SR7	7.19	7.40	7.19	7.19	7.19	125170	133850	140959	157644	174092	6.93	12.61	25.94	39.08
SR8	6.40	6.33	5.94	5.79	5.67	51747	51712	51169	53129	52109	-0.07	-1.12	2.67	0.70
STATE	7.24	7.12	6.87	6.66	6.41	641935	642927	659927	686331	685991	0.15	2.80	6.92	6.86

APPENDIX TABLE D-19  
 PARTICIPATION ESTIMATES FOR ICE SKATING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	16.89	17.26	18.32	19.62	20.62	5027	5096	5354	5645	5838	1.38	6.50	12.30	16.15
SR2	14.03	14.37	15.26	16.42	17.06	14929	15421	16801	18458	19497	3.30	12.54	23.64	30.60
SR3	9.12	9.90	11.25	11.86	12.49	4671	5082	5900	6336	6825	8.78	26.29	35.63	46.11
SR4	14.19	13.97	13.85	14.07	13.31	14711	14721	14380	15280	14467	0.06	1.15	3.86	-1.66
SR5	11.04	11.22	11.69	12.38	12.65	13547	13817	14517	15377	15700	1.99	7.16	13.51	15.89
SR6	8.38	8.85	9.82	10.95	11.96	6378	6623	7103	7588	7943	3.84	11.36	18.96	24.53
SR7	12.43	12.70	13.31	13.93	14.47	14106	14667	16272	17965	19586	3.97	15.35	27.35	38.85
SR8	14.09	14.07	14.26	14.83	15.31	6109	6070	6126	6294	6398	-0.64	0.28	3.03	4.74
STATE	12.00	12.32	13.09	13.94	14.46	77606	80108	86550	93150	97386	3.22	11.52	20.03	25.49

APPENDIX TABLE D-20  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE SKATING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	10.14	10.87	10.17	10.18	10.11	50972	55399	54421	57441	59000	8.69	6.77	12.69	15.75
SR2	7.21	7.12	7.01	6.99	7.00	107635	109364	117741	129105	136381	2.07	9.39	19.95	26.71
SR3	12.43	12.49	12.60	12.72	12.85	58064	63467	74314	80604	87678	9.31	27.99	38.82	51.00
SR4	12.69	13.95	11.78	11.33	10.59	186689	205341	175216	173077	153164	9.99	-6.15	-7.29	-17.96
SR5	9.12	9.13	9.15	9.15	9.17	123546	126124	132792	140756	143985	2.09	7.48	13.93	16.54
SR6	8.05	8.03	8.02	8.01	8.01	51344	53212	56933	60805	63606	3.64	10.68	18.43	23.88
SR7	6.12	6.21	6.16	6.19	6.21	86331	91045	100242	111177	121618	5.46	16.11	28.78	40.87
SR8	7.01	7.01	7.11	7.19	7.26	42821	42548	43573	45235	46437	-0.64	1.76	5.64	8.44
STATE	8.67	8.60	8.46	8.48	8.13	672845	683770	732300	789520	791986	2.37	8.84	17.34	17.71

APPENDIX TABLE D-21  
 PARTICIPATION ESTIMATES FOR HOCKEY BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	0.77	0.73	0.78	0.79	0.80	229	216	228	228	226	-5.81	-0.41	-0.71	-1.19
SR2 ▲	1.84	1.89	1.98	2.11	2.19	1958	2025	2184	2368	2502	3.41	11.53	20.94	27.81
SR3 ▲	2.00	2.18	2.41	2.82	3.06	1024	1118	1266	1508	1673	9.18	23.57	47.23	63.32
SR4 ▲	4.61	4.26	4.71	4.75	4.58	4779	4484	5058	5155	4980	-6.18	5.83	7.87	4.20
SR5 ▲	1.67	1.87	2.24	2.33	2.90	2049	2307	2778	2895	3598	12.56	35.59	41.26	75.57
SR6 ▲	1.16	1.38	1.64	1.86	2.04	883	1030	1184	1289	1354	16.62	34.06	45.99	53.36
SR7 ▲	1.17	1.25	1.38	1.55	1.69	1328	1442	1683	1997	2285	8.57	26.76	50.40	72.11
SR8 ▲	0.41	0.43	0.46	0.50	0.56	178	184	199	214	234	3.74	11.96	20.39	31.58
STATE ▲	1.78	1.90	2.09	2.31	2.47	11512	12335	13785	15449	16646	7.15	19.75	34.20	44.60

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-22  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN HOCKEY  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	5.67	5.67	5.67	5.67	5.67	1299	1224	1294	1290	1284	-5.81	-0.41	-0.71	-1.19
SR2 ▲ □	9.50	9.50	9.50	9.50	9.50	18600	19234	20743	22494	23771	3.41	11.53	20.94	27.81
SR3 ▲ □	17.63	17.63	17.63	17.63	17.63	18060	19719	22317	26590	29496	9.18	23.57	47.23	63.32
SR4 ▲ □	16.62	18.00	23.13	23.10	16.62	79434	80699	117013	119082	82768	1.59	47.31	49.91	4.20
SR5 ▲ □	15.71	15.71	15.71	15.71	15.71	32193	38236	43650	45476	56520	12.56	35.59	41.26	75.57
SR6 ▲ □	29.48	29.48	29.48	29.48	29.48	26028	30355	34893	37997	39917	16.62	34.06	45.99	53.36
SR7 ▲ □	12.26	12.26	12.26	12.26	12.26	16279	17674	20636	24483	28018	8.57	26.76	50.40	72.11
SR8 ▲ □	9.00	9.00	9.00	9.00	9.00	1600	1660	1791	1926	2105	3.74	11.96	20.39	31.58
STATE ▲	16.05	16.26	16.45	16.88	16.57	184761	200611	226744	260753	275790	8.58	22.72	41.13	49.27

▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-23  
PARTICIPATION ESTIMATES FOR FISHING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	37.19	37.10	37.28	37.58	37.81	11068	10955	10893	10813	10709	-1.02	-1.59	-2.31	-3.25
SR2	33.09	33.57	34.61	35.70	36.58	35209	36013	38109	40141	41797	2.28	8.23	14.01	18.71
SR3	26.93	26.93	26.93	26.93	26.93	13794	13823	14124	14389	14719	0.21	2.40	4.32	6.71
SR4	21.01	22.40	23.87	24.82	25.53	21782	23596	25647	26960	27742	8.33	17.74	23.77	27.36
SR5	11.96	12.01	12.32	12.34	12.32	14676	14787	15306	15320	15289	0.76	4.30	4.39	4.18
SR6	28.15	29.11	30.59	31.58	32.47	21426	21798	22133	21892	21559	1.74	3.30	2.18	0.62
SR7	36.96	37.81	39.00	39.10	39.41	41945	43645	47692	50425	53327	4.05	13.70	20.22	27.14
SR8	28.66	29.12	30.12	30.28	31.78	12425	12564	12941	12854	13282	1.11	4.15	3.45	6.90
STATE	27.43	27.91	28.81	29.26	29.71	177395	181437	190457	195513	200105	2.28	7.36	10.21	12.80

APPENDIX TABLE D-24  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN FISHING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	6.27	6.96	7.92	8.06	8.32	69399	76210	86266	87138	89097	9.81	24.30	25.56	28.38
SR2	8.27	8.29	8.51	8.68	8.80	291182	298720	324267	348431	367857	2.59	11.36	19.66	26.33
SR3	5.18	5.20	5.25	5.18	5.18	71451	71890	74186	74535	76245	0.62	3.83	4.32	6.71
SR4	4.47	4.46	4.45	4.45	4.55	97366	105294	114125	120091	126117	8.14	17.21	23.34	29.53
SR5	6.48	6.47	6.43	6.36	6.35	95098	95659	98441	97488	97134	0.59	3.51	2.51	2.14
SR6	6.22	6.21	6.16	6.09	6.02	133267	135394	136443	133402	129888	1.60	2.38	0.10	-2.54
SR7	7.13	7.06	6.95	6.76	6.59	299066	307985	331443	340795	351592	2.98	10.83	13.95	17.56
SR8	6.35	6.35	6.35	6.35	6.35	78900	79779	82173	81624	84341	1.11	4.15	3.45	6.90
STATE	6.65	6.61	6.50	6.39	6.34	1179675	1199558	1238424	1249716	1268953	1.69	4.98	5.94	7.57

▣ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-25  
PARTICIPATION ESTIMATES FOR POWERBOATING/WATERSKIING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	9.45	10.61	12.36	13.68	14.91	2813	3134	3611	3937	4224	11.43	28.40	39.98	50.17
SR2	17.21	18.43	20.16	22.24	23.61	18312	19777	22201	25003	26979	8.00	21.23	36.53	47.33
SR3	20.20	21.32	23.17	25.16	26.90	10346	10942	12151	13443	14702	5.76	17.44	29.93	42.10
SR4	7.47	7.64	9.18	9.77	9.93	7745	8047	9863	10619	10794	3.91	27.35	37.11	39.38
SR5 ▲	3.34	2.90	3.30	3.23	3.09	4098	3569	4099	4010	3840	-12.91	0.00	-2.16	-6.32
SR6	10.57	11.20	12.32	13.51	14.59	8045	8386	8912	9368	9687	4.24	10.77	16.45	20.41
SR7	17.51	18.01	18.74	20.02	21.09	19872	20788	22916	25824	28539	4.61	15.32	29.96	43.62
SR8	10.59	10.66	10.83	10.99	10.98	4551	4598	4654	4666	4590	0.14	1.37	1.63	-0.03
STATE	12.16	12.31	13.45	14.33	14.92	78641	80038	88885	95757	100478	1.78	13.03	21.76	27.77

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE D-26  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN POWERBOATING/WATERSKIING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 □	5.80	5.80	5.80	5.80	5.80	16313	18177	20946	22834	24497	11.43	28.40	39.98	50.17
SR2	12.40	12.48	12.62	12.53	12.54	227073	246781	280105	313164	338289	8.68	23.35	37.91	48.98
SR3	8.43	8.61	8.76	9.00	9.14	87220	94243	106394	121040	134347	8.05	21.98	38.77	54.03
SR4	10.01	11.10	12.27	13.26	13.96	77523	89339	121048	140828	150652	15.24	56.15	81.66	94.33
SR5 ▲	5.80	5.80	5.79	5.78	5.79	23771	20693	23736	23186	22227	-12.95	-0.15	-2.46	-6.49
SR6	4.97	5.04	5.15	5.32	5.41	39984	42299	45930	49857	52420	5.79	14.87	24.69	31.10
SR7	6.13	6.22	6.41	6.53	6.67	121813	129344	146795	168750	190337	8.18	20.51	38.53	56.25
SR8	7.65	7.65	7.65	7.65	5.07	35123	35171	35005	35695	23280	0.14	1.37	1.63	-33.72
STATE	8.01	8.22	8.51	8.60	8.71	629914	657770	756042	823543	874768	4.42	20.02	30.74	38.87

▲Less than 5 percent of the respondents participated.

□Average number of days participated held at 1978 levels.

APPENDIX TABLE D-27  
PARTICIPATION ESTIMATES FOR BEACH SWIMMING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	18.28	18.66	19.70	20.86	21.73	5440	5511	5755	6003	6155	1.30	5.78	10.34	13.14
SR2	13.25	14.14	15.78	17.51	18.57	14099	15168	17380	19686	21221	7.59	23.27	39.63	50.52
SR3	15.07	16.34	18.42	19.96	21.35	7719	8388	9662	10667	11668	8.66	25.18	38.20	51.17
SR4	9.58	9.86	10.29	10.88	10.33	9932	10384	11062	11822	11773	4.55	11.38	19.03	18.54
SR5	6.67	6.73	6.88	7.06	7.91	8134	8281	8544	8767	8703	1.18	4.39	7.11	6.34
SR6	12.33	12.95	14.03	15.12	15.99	9385	9694	10149	10479	10619	3.29	8.15	11.67	13.15
SR7	16.39	15.54	17.07	18.40	19.32	18601	19095	20881	23724	26146	2.66	12.26	27.55	40.56
SR8	11.13	10.58	9.85	10.49	11.77	4825	4565	4231	4455	4918	-5.39	-12.31	-7.67	1.93
STATE	12.98	13.29	14.03	14.97	15.54	83944	86363	92742	100029	104666	2.88	10.48	19.16	24.69

APPENDIX TABLE D-28  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN BEACH SWIMMING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	4.52	4.51	4.47	4.46	4.45	24591	24845	25751	26785	27380	1.03	4.72	8.92	11.34
SR2	10.53	10.53	10.43	10.42	10.47	148459	159720	181286	205222	222205	7.59	22.11	38.23	49.67
SR3	7.22	7.20	7.18	7.18	7.17	55730	60431	69420	76641	83672	8.43	24.57	37.52	50.14
SR4	8.08	10.49	13.01	14.14	15.00	80251	108960	143941	167151	176584	35.77	79.36	108.28	120.04
SR5	3.83	3.83	3.84	3.85	3.86	31347	31758	32843	33788	33630	1.31	4.77	7.79	7.28
SR6	5.28	5.26	5.21	5.17	5.14	49551	50942	52855	54208	54615	2.81	6.67	9.40	10.22
SR7	5.50	6.09	6.67	6.75	6.94	102303	116241	139317	160129	181390	13.62	36.18	56.52	77.31
SR8	4.31	4.32	4.33	4.34	4.36	20797	19707	18315	19346	21423	-5.24	-11.94	-6.98	3.01
STATE	6.57	7.02	7.57	7.84	8.08	551512	606613	701752	783829	845402	9.99	27.24	42.12	53.29

APPENDIX TABLE D-29  
 PARTICIPATION ESTIMATES FOR OUTDOOR POOL SWIMMING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	12.29	12.32	12.68	13.32	13.76	3658	3637	3706	3834	3897	-0.56	1.33	4.81	6.54
SR2	12.37	12.54	13.08	13.70	13.90	13162	13452	14401	15406	15878	2.20	9.41	17.05	20.63
SR3	15.82	16.61	17.95	19.35	20.45	8103	8526	9414	10340	11176	5.22	16.18	27.61	37.52
SR4	12.84	11.96	12.93	13.05	12.67	13312	12599	13891	14176	13774	-5.35	4.35	6.49	3.47
SR5	13.44	13.32	13.71	14.01	14.03	16492	16399	17030	17400	17407	-0.56	3.26	5.50	5.55
SR6	16.27	16.73	17.72	18.71	19.48	12383	12526	12823	12970	12932	1.15	3.55	4.73	4.43
SR7	13.16	13.57	13.59	14.62	15.30	14935	15671	16621	18852	20710	4.93	11.29	26.23	38.67
SR8	12.96	13.14	13.82	14.80	15.52	5619	5670	5939	6281	6485	0.91	5.69	11.79	15.42
STATE	13.70	13.79	14.27	15.00	15.32	88600	89675	94364	100222	103191	1.21	6.50	13.12	16.47

APPENDIX TABLE D-30  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	13.67	13.86	14.36	14.81	15.23	50001	50423	53208	56764	59342	0.84	6.41	13.52	18.68
SR2	11.53	11.33	11.03	10.96	11.02	151761	152356	158908	168807	174946	0.39	4.71	11.23	15.28
SR3	15.08	16.83	19.19	19.86	20.80	122193	143480	180660	205377	232407	17.42	47.85	68.08	90.20
SR4	12.47	12.32	12.13	12.04	12.02	165999	155277	168526	170663	165598	-6.46	1.52	2.81	-0.24
SR5	14.96	14.99	14.97	14.94	14.93	246716	245742	254948	259959	259857	-0.39	3.34	5.37	5.33
SR6	11.41	11.49	11.83	12.33	12.78	141295	143918	151695	159897	165316	1.86	7.36	13.47	17.00
SR7	12.24	12.64	12.99	13.09	13.20	182803	198066	215971	246693	273286	8.35	18.14	34.95	49.50
SR8	12.98	12.91	12.83	12.83	12.84	72930	73178	76181	80603	83274	0.34	4.46	10.52	14.18
STATE	12.89	13.09	13.37	13.42	13.63	1142059	1174292	1261232	1345216	1406882	2.82	10.43	17.79	23.19

**APPENDIX TABLE D-31**  
**PARTICIPATION ESTIMATES FOR PICNICKING BY NORTH DAKOTA RESIDENTS**  
**FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	36.87	38.74	41.97	43.47	45.11	10973	11440	12263	12508	12776	4.25	11.75	13.99	16.43
SR2	24.82	25.08	25.74	26.31	26.39	26410	26911	28341	29587	30152	1.90	7.31	12.03	14.17
SR3	27.09	27.42	27.91	28.32	30.83	13875	14075	14640	15133	16853	1.44	5.51	9.06	21.46
SR4	25.66	25.15	26.33	26.57	26.81	26603	26499	28295	28866	29136	-0.39	6.36	8.51	9.52
SR5	24.29	24.42	24.71	24.97	24.79	29805	30065	30700	31015	30763	0.87	3.00	4.06	3.21
SR6	32.62	33.14	34.06	35.21	36.12	24828	24812	24642	24407	23984	-0.06	-0.75	-1.70	-3.40
SR7	31.20	31.95	33.29	34.77	36.39	35408	36887	40710	44840	49239	4.18	14.97	26.64	39.06
SR8	28.84	29.84	32.49	30.22	30.84	12503	12873	13960	12831	12889	2.95	11.65	2.62	3.09
STATE	28.32	28.57	29.26	30.17	30.69	183151	185741	193436	201611	206731	1.41	5.62	10.08	12.87

**APPENDIX TABLE D-32**  
**ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN PICNICKING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	3.38	3.31	3.31	3.10	3.18	37090	37898	40603	38748	40580	2.18	9.47	4.47	9.41
SR2	3.86	3.89	3.96	4.01	4.05	101942	104666	112175	118625	122018	2.67	10.04	16.37	19.69
SR3 □	3.39	3.39	3.39	3.39	3.39	47038	47714	49629	51301	57131	1.44	5.51	9.06	21.46
SR4	3.69	4.28	4.83	5.26	5.56	98165	113356	136588	151922	161946	15.47	39.14	54.76	64.97
SR5	2.75	2.73	2.70	2.71	2.71	81965	82025	82854	83934	83362	0.07	1.09	2.40	1.70
SR6	3.53	3.52	3.53	3.65	3.69	87642	87439	87074	89051	88499	-0.23	-0.65	1.61	0.98
SR7	4.10	4.09	4.10	4.18	4.24	145173	150932	166894	187519	208762	3.97	14.96	29.17	43.80
SR8	3.46	3.45	3.44	3.41	3.39	43261	44446	47958	43782	43732	2.74	10.86	1.20	1.09
STATE	3.59	3.59	3.60	3.61	3.62	657510	667409	696239	726967	748918	1.51	5.89	10.56	13.90

□Average number of days participated held at 1978 levels.



APPENDIX TABLE D-33  
 PARTICIPATION ESTIMATES FOR CAMPING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	25.84	27.07	28.83	29.83	31.06	7691	7994	8425	8584	8798	3.95	9.54	11.62	14.40
SR2	23.98	24.65	25.92	27.15	27.85	25516	26448	28544	30527	31922	3.65	11.87	19.64	24.71
SR3	20.04	20.51	21.31	22.15	23.01	10264	10529	11175	11834	12578	2.58	8.88	15.29	22.54
SR4	12.31	11.89	13.17	13.44	13.32	12762	12523	14151	14596	14473	-1.88	10.88	14.36	13.40
SR5	10.87	10.87	11.03	11.11	11.03	13338	13386	13702	13798	13688	0.36	2.73	3.45	2.63
SR6	17.02	17.57	18.83	20.08	21.16	12954	13158	13625	13923	14053	1.57	5.18	7.48	8.48
SR7	26.65	27.07	28.09	28.82	29.65	30244	31249	34356	37170	40118	3.32	13.59	22.90	32.65
SR8	23.91	24.80	26.79	28.82	30.84	10366	10699	11511	12235	12890	3.21	11.04	18.03	24.34
STATE	19.59	19.85	20.49	21.15	21.49	126692	129070	135477	141307	144719	1.88	6.93	11.54	14.23

APPENDIX TABLE D-34  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN CAMPING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	5.60	5.62	5.66	5.71	5.75	43067	44941	47691	48990	50597	4.35	10.74	13.75	17.48
SR2	7.54	7.55	7.56	7.57	7.58	192390	199578	215694	231047	241208	3.74	12.11	20.09	25.37
SR3	5.61	5.47	5.34	5.16	5.05	57584	57575	59699	61064	63554	-0.02	3.67	6.04	10.37
SR4	5.62	5.59	5.72	5.48	5.52	71725	69957	81008	79984	79929	-2.46	12.94	11.52	11.44
SR5	4.66	4.66	4.66	4.66	4.66	62156	62379	63851	64300	63787	0.36	2.73	3.45	2.63
SR6	4.85	4.75	4.63	4.60	4.57	62828	62507	63119	64061	64219	-0.51	0.46	1.96	2.21
SR7	5.95	6.06	6.16	6.13	6.14	179953	189296	211797	227971	246506	5.19	17.70	26.68	35.98
SR8	5.68	5.68	5.68	5.68	5.68	58879	60770	65381	69496	73212	3.21	11.04	18.03	24.34
STATE	5.89	5.96	6.07	6.12	6.16	746216	769570	822219	864178	891775	3.13	10.19	15.81	19.51

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-35  
 PARTICIPATION ESTIMATES FOR VISITING HISTORICAL PLACES BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	28.68	28.63	29.04	29.31	29.60	8536	8455	8484	8435	8384	-0.94	-0.61	-1.18	-1.78
SR2	14.45	14.45	15.45	16.07	16.44	15376	15503	17009	18068	18786	0.83	10.62	17.51	22.18
SR3	11.70	11.74	11.93	11.92	12.00	5953	6028	6259	6368	6560	0.59	4.44	6.26	9.47
SR4	13.37	12.79	12.02	11.68	10.77	13861	13473	12921	12690	11704	-2.80	-6.78	-8.45	-15.56
SR5	10.80	10.69	10.90	10.71	11.16	13252	13158	13540	13296	13848	-0.71	2.17	0.33	4.50
SR6	13.50	14.53	15.69	16.15	16.71	10275	10877	11354	11196	11095	5.86	10.50	8.96	7.98
SR7	18.44	19.90	21.03	21.94	22.98	20927	22974	25723	28294	31095	9.78	22.92	35.21	48.55
SR8	16.79	17.01	17.60	18.43	19.18	7279	7341	7562	7825	8015	0.84	3.89	7.50	10.11
STATE	14.99	15.44	16.20	16.69	17.08	96943	100380	107084	111502	115068	3.55	10.46	15.02	18.70

APPENDIX TABLE D-36  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	2.68	2.69	2.71	3.15	3.26	22876	22730	22973	26598	27335	-0.64	0.43	16.27	19.49
SR2	2.56	2.65	2.74	2.83	2.89	39361	41156	46613	51177	54324	4.56	18.42	30.02	38.01
SR3	1.90	1.90	1.80	1.77	1.75	11386	11453	11250	11294	11465	0.59	-1.20	-0.81	0.69
SR4	2.07	2.10	2.20	2.20	2.22	28693	28280	28475	27861	26028	-1.44	-0.76	-2.90	-9.29
SR5	2.04	2.00	1.91	1.87	1.85	27035	26307	25832	24881	25600	-2.69	-4.45	-7.96	-5.31
SR6	2.44	2.38	2.20	2.11	2.29	25071	25853	24991	23608	25355	3.12	-0.32	-5.84	1.13
SR7	2.83	2.78	2.77	2.66	2.54	59223	63930	71230	75237	79067	7.95	20.27	27.04	33.51
SR8	2.26	2.33	2.49	2.49	2.57	16451	17122	18843	19486	20588	4.08	14.54	18.45	25.15
STATE	2.43	2.43	2.43	2.43	2.42	235572	244191	260553	270489	278973	3.66	10.60	14.82	18.42

APPENDIX TABLE D-37  
PARTICIPATION ESTIMATES FOR BICYCLING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	9.14	9.14	9.73	10.07	10.58	2720	2698	2842	2897	2996	-0.81	4.47	6.50	10.12
SR2	10.28	10.10	10.97	11.48	11.82	10938	10838	12077	12912	13510	-0.91	10.41	18.04	23.51
SR3	11.54	12.28	13.28	14.46	15.45	5911	6305	6963	7727	8446	6.67	17.80	30.73	42.90
SR4	12.80	13.12	13.89	14.48	14.48	13270	13825	14927	15733	15741	4.18	12.49	18.56	18.62
SR5	16.08	17.24	19.47	20.66	21.53	19731	21219	24183	25656	26717	7.54	22.56	30.03	35.40
SR6	12.91	13.88	15.41	16.37	17.34	9826	10391	11146	11348	11513	5.75	13.44	15.49	17.16
SR7	11.06	11.61	12.38	13.11	13.80	12552	13408	15141	16903	18676	6.82	20.63	34.67	48.79
SR8	12.05	13.13	14.95	17.06	18.79	5224	5665	6424	7240	7852	8.45	22.97	38.60	50.31
STATE	12.33	12.69	13.49	14.22	14.67	79740	82527	89182	95011	98785	3.49	11.84	19.15	23.88

APPENDIX TABLE D-38  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN BICYCLING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	12.59	12.59	12.59	12.59	12.59	34248	33972	35778	36473	37715	-0.81	4.47	6.50	10.12
SR2	27.63	27.63	27.63	27.63	27.63	302229	299465	333684	356759	373286	-0.91	10.41	18.04	23.51
SR3	36.15	39.43	44.79	45.83	47.48	213675	248597	311831	354115	401024	16.34	45.94	65.73	87.68
SR4	24.59	25.21	25.92	27.12	27.81	326319	348595	386852	426638	437829	6.83	18.55	30.74	34.17
SR5	23.94	23.74	23.25	23.97	23.98	472363	503726	562258	614934	640623	6.64	19.03	30.18	35.62
SR6	19.67	19.52	19.18	18.89	19.67	193279	202885	213787	214403	226455	4.97	10.61	10.93	17.16
SR7	24.76	24.92	25.26	25.42	25.62	310779	334168	382397	429704	478411	7.53	23.04	38.27	53.94
SR8	22.55	22.32	22.06	22.05	22.05	117805	126478	141730	159631	173156	7.36	20.31	35.50	46.99
STATE	24.50	25.27	24.62	24.67	24.71	1953638	2085202	2195454	2343840	2441046	6.73	12.38	19.97	24.95

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-39  
PARTICIPATION ESTIMATES FOR BASEBALL/SOFTBALL BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	11.97	12.07	12.26	12.95	13.37	3563	3564	3582	3726	3786	0.05	0.54	4.60	6.26
SR2	9.44	9.71	10.25	10.82	11.03	10045	10417	11293	12161	12603	3.70	12.43	21.06	25.47
SR3	6.73	6.92	7.07	7.44	6.46	3447	3552	3709	3976	3532	3.04	7.59	15.35	2.46
SR4	7.65	7.93	8.47	8.96	8.98	7931	8352	9104	9737	9761	5.31	14.79	22.77	23.08
SR5	13.99	13.50	14.62	14.94	15.00	17167	16622	18158	18555	18612	-3.17	5.78	8.09	8.42
SR6	11.15	11.36	11.91	12.32	12.74	8486	8507	8616	8539	8459	0.24	1.53	0.62	-0.32
SR7	10.48	10.21	11.54	12.21	12.92	11893	11789	14109	15751	17489	-0.88	18.63	32.43	47.05
SR8	5.29	5.44	5.88	6.27	6.90	2293	2347	2525	2664	2882	2.35	10.09	16.14	25.67
STATE	10.10	10.35	10.92	11.43	11.74	65319	67293	72212	76356	79089	3.02	10.55	16.90	21.08

APPENDIX TABLE D-40  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN BASEBALL/SOFTBALL  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 □	10.95	10.95	10.95	10.95	10.95	39009	39028	39221	40805	41451	0.05	0.54	4.60	6.26
SR2	12.14	12.57	12.09	12.08	12.08	121942	130972	136559	146935	152184	7.41	11.99	20.50	24.80
SR3	9.55	10.66	12.34	12.55	12.91	32920	37879	45781	49387	45597	15.07	39.07	51.54	38.51
SR4	8.63	8.62	8.63	8.63	8.63	68446	72000	78568	84029	84240	5.19	14.79	22.77	23.08
SR5 □	11.22	11.22	11.22	11.22	11.22	192609	186499	203732	208182	208827	-3.17	5.78	8.09	8.42
SR6	12.02	12.56	13.36	13.87	14.36	102008	106878	115111	118444	121440	4.77	12.85	16.11	19.05
SR7	10.92	10.65	10.90	10.95	10.97	129876	125580	153838	172497	191843	-3.31	18.45	32.82	47.71
SR8 □	6.62	6.62	6.62	6.62	6.62	15182	15539	16715	17633	19079	2.35	10.09	16.14	25.67
STATE	10.92	11.24	11.70	11.86	12.03	713278	756662	845168	905519	951483	6.08	18.49	26.95	33.40

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-41  
 PARTICIPATION ESTIMATES FOR GOLF BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	13.24	14.02	15.44	16.71	17.88	3940	4139	4513	4809	5063	5.05	14.52	22.03	28.50
SR2	6.68	7.50	8.69	9.32	9.86	7108	8051	9566	10484	11267	13.26	34.58	47.50	58.52
SR3	8.98	9.49	10.31	10.79	11.34	4600	4873	5409	5767	6201	5.95	17.59	25.38	34.81
SR4	9.16	10.22	11.82	12.68	13.58	9497	10772	12702	13776	14754	13.43	33.76	45.07	55.36
SR5	12.32	12.84	13.61	14.44	15.21	15117	15810	16907	17931	18370	4.58	11.84	18.61	24.83
SR6	9.06	10.04	11.51	12.36	13.34	6896	7521	8324	8571	8857	9.07	20.71	24.30	28.45
SR7	7.13	7.79	8.67	9.58	10.32	8092	8992	10600	12351	13972	11.12	31.00	52.64	72.68
SR8	5.48	6.40	7.57	8.14	8.78	2376	2762	3250	3456	3668	16.26	36.81	45.48	54.39
STATE	8.78	9.36	10.24	10.92	11.53	56782	60861	67713	72995	77682	7.18	19.25	28.55	36.81

APPENDIX TABLE D-42  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN GOLF  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	13.21	13.50	13.79	14.05	14.43	52054	55868	62218	67557	73055	7.33	19.53	29.78	40.34
SR2	12.41	12.42	12.43	12.44	12.45	88208	99967	118892	130449	140329	13.33	34.79	47.89	59.09
SR3	14.61	14.96	15.43	15.86	14.49	67200	72897	83454	91491	89856	8.48	24.19	36.15	33.72
SR4	14.90	15.17	15.18	15.71	14.98	141500	163357	192862	216435	221002	15.45	36.30	52.96	56.19
SR5	13.03	13.27	13.54	13.59	14.02	195979	209798	228892	243709	264591	6.51	16.20	23.72	34.32
SR6	16.30	16.09	15.76	15.24	14.90	112401	120988	131171	130646	131972	7.64	16.70	16.23	17.41
SR7	19.65	19.73	19.64	19.55	19.54	159000	177836	208143	241456	273045	11.85	30.91	51.86	71.73
SR8	20.77	20.77	20.77	20.77	20.77	49345	57368	67509	71787	76187	16.26	36.81	45.48	54.39
STATE	15.33	15.79	16.65	16.79	17.35	870466	960710	1127320	1225654	1348061	10.37	29.51	40.80	54.87

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-43  
PARTICIPATION ESTIMATES FOR TENNIS BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1	6.30	6.73	7.30	7.87	8.36	1875	1987	2132	2265	2368	5.97	13.69	20.80	26.31
SR2 ▲	3.43	3.84	4.46	4.94	5.29	3650	4117	4912	5550	6039	12.81	34.58	52.06	65.48
SR3	4.86	5.44	6.14	7.17	7.86	2489	2792	3220	3833	4294	12.15	29.36	53.99	72.49
SR4 ▲	4.03	4.11	4.20	4.35	4.27	4178	4335	4514	4731	4646	3.75	8.04	13.23	11.19
SR5	6.45	6.72	7.29	7.77	7.99	7915	8276	9061	9645	9916	4.56	14.48	21.86	25.29
SR6 ▲	4.03	4.50	5.24	5.80	6.32	3067	3369	3793	4018	4197	9.83	23.67	31.00	36.83
SR7 ▲	3.58	3.85	4.15	4.40	4.63	4063	4448	5080	5670	6260	9.49	25.03	39.57	54.07
SR9 ▲	3.89	4.09	4.47	4.87	5.23	1636	1766	1919	2065	2184	4.75	13.79	22.47	29.49
STATE ▲	4.45	4.75	5.26	5.71	6.01	28779	30884	34790	38153	40496	7.31	20.89	32.57	40.71

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-44  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN TENNIS  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 □	7.05	7.05	7.05	7.05	7.05	13219	14008	15023	15968	16696	5.97	13.69	20.80	26.31
SR2 ▲	13.22	13.54	13.88	14.42	14.82	48249	55730	68195	80050	89525	15.50	41.34	65.91	85.55
SR3 □	6.29	6.29	6.29	6.29	6.29	15658	17560	20294	24112	27007	12.15	29.36	53.99	72.49
SR4 ▲	11.96	12.54	13.16	14.00	14.59	49970	54381	59424	66246	67773	8.83	18.92	32.57	35.63
SR5	12.43	13.61	15.38	15.74	16.10	98378	112608	139328	151771	159693	14.47	41.63	54.27	62.33
SR6 ▲	9.10	8.95	8.83	8.89	8.89	27913	30156	33509	35725	37306	8.04	20.05	27.99	33.65
SR7 ▲	11.02	11.07	11.17	11.19	11.23	44772	49255	56751	63469	70272	10.01	26.75	41.76	56.95
SR9 ▲ □	19.05	19.05	19.05	19.05	19.05	32127	33652	36557	39346	41603	4.75	13.79	22.47	29.49
STATE ▲	11.33	11.99	12.94	13.15	13.51	326066	370246	450303	501653	547095	13.55	38.10	53.85	67.79

▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-45  
 PARTICIPATION ESTIMATES FOR JOGGING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	3.15	3.28	3.48	3.55	3.66	938	968	1017	1020	1036	3.23	8.46	8.83	10.47
SR2 ▲	3.26	3.80	4.62	4.84	4.97	3469	4078	5086	5438	5680	17.56	46.62	56.77	63.75
SR3 ▲	1.92	2.28	2.74	3.22	3.59	983	1171	1439	1719	1964	19.09	46.34	74.82	99.69
SR4 ▲	3.46	3.26	3.86	3.97	3.99	3587	3433	4144	4318	4339	-4.30	15.53	20.38	20.96
SR5 ▲	5.73	6.10	6.94	7.44	7.79	7031	7506	8500	9240	9668	6.75	20.89	31.41	37.51
SR6 ▲	4.11	4.32	4.73	5.11	5.45	3128	3238	3419	3540	3617	3.52	9.30	13.17	15.64
SR7 ▲	4.70	4.70	4.71	4.81	4.83	5334	5421	5757	6198	6535	1.63	7.94	16.19	22.52
SR8 ▲	4.56	5.45	5.62	7.10	7.65	1977	2352	2843	3016	3198	18.96	43.79	52.56	61.79
STATE ▲	4.13	4.31	4.67	4.98	5.14	26709	27997	30869	33271	34602	4.82	15.57	24.57	29.55

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-46  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN JOGGING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	24.40	24.40	24.40	24.40	24.40	22875	23614	24811	24894	25269	3.23	8.46	8.83	10.47
SR2 ▲ □	33.31	33.31	33.31	33.31	33.31	115546	135833	169414	181142	189203	17.56	46.62	56.77	63.75
SR3 ▲ □	16.92	16.92	16.92	16.92	16.92	16640	19315	24351	29090	33227	19.09	46.34	74.82	99.69
SR4 ▲ □	29.76	29.76	29.76	29.76	29.76	106754	102158	123337	128508	129128	-4.30	15.53	20.38	20.96
SR5 ▲ □	23.98	23.82	24.08	24.15	24.21	168605	178780	204662	223119	234047	6.04	21.39	32.33	38.81
SR6 ▲ □	16.45	16.45	16.45	16.45	16.45	51459	53270	56245	58235	59506	3.52	9.30	13.17	15.64
SR7 ▲ □	31.29	31.35	31.34	31.14	38.90	166897	169962	180433	192993	254196	1.84	8.11	15.64	52.31
SR8 ▲ □	37.20	37.20	37.20	37.20	37.20	73542	87483	105750	112195	118983	18.96	43.79	52.56	61.79
STATE ▲	27.11	27.25	27.42	27.45	27.48	724093	752878	846473	913422	950907	5.36	16.90	26.15	31.32

▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-47  
PARTICIPATION ESTIMATES FOR SAILING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	73-80	78-85	78-90	78-95
SR1 ▲	0.63	0.65	0.61	0.67	0.49	188	192	179	192	139	2.26	-4.73	2.32	-25.80
SR2 ▲	1.34	1.56	1.85	2.05	2.16	1426	1673	2042	2300	2473	17.32	43.18	61.30	73.43
SR3 ▲	1.12	1.13	1.14	1.15	1.16	574	580	597	614	633	1.07	3.98	7.06	10.41
SR4 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR5 ▲	0.22	0.22	0.23	0.23	0.22	270	274	283	285	278	1.55	4.76	5.50	3.02
SR6 ▲	0.42	0.44	0.47	0.50	0.52	320	331	339	346	344	3.57	6.10	8.32	7.70
SR7 ▲	1.74	1.92	2.00	2.14	2.25	1975	2211	2440	2756	3044	11.97	23.58	39.58	54.17
SR8 ▲	0.37	0.37	0.37	0.37	0.37	160	160	159	157	155	-0.49	-0.91	-2.08	-3.59
STATE ▲	0.82	0.95	1.12	1.27	1.36	5303	6161	7417	8478	9184	16.18	39.87	59.86	73.19

▲Less than 5 percent of the respondents participated.

●No response.

APPENDIX TABLE D-48  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN SAILING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	6.00	6.00	6.00	6.00	6.00	1125	1150	1072	1151	835	2.26	-4.73	2.32	-25.80
SR2 ▲ □	10.75	10.75	10.75	10.75	10.75	15328	17982	21947	24724	26583	17.32	43.18	61.30	73.43
SR3 ▲ □	7.14	7.14	7.14	7.14	7.14	4096	4140	4259	4395	4522	1.07	3.98	7.06	10.41
SR4 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR5 ▲ □	1.00	1.00	1.00	1.00	1.00	270	274	283	285	278	1.55	4.76	5.50	3.02
SR6 ▲ □	1.00	1.00	1.00	1.00	1.00	320	331	339	346	344	3.57	6.10	8.32	7.70
SR7 ▲ □	9.70	9.70	9.70	9.70	9.70	19154	21447	23672	26736	29530	11.97	23.58	39.58	54.17
SR8 ▲ □	2.00	2.00	2.00	2.00	2.00	321	319	318	314	309	-0.49	-0.91	-2.08	-3.59
STATE ▲	8.26	8.31	8.44	8.56	8.68	43804	51217	62604	72587	79716	16.92	42.92	65.71	81.98

▲Less than 5 percent of the respondents participated.

●No response.

□Average number of days participated held at 1978 levels.



APPENDIX TABLE D-49  
 PARTICIPATION ESTIMATES FOR CANOEING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	2.21	2.20	2.28	2.32	2.35	658	650	665	667	665	-1.15	1.14	1.48	1.11
SR2 ▲	1.09	1.19	0.99	1.10	1.12	1160	1273	1089	1239	1283	9.76	-6.12	6.86	10.64
SR3 ▲	0.96	1.15	1.46	1.59	1.76	492	589	764	849	961	19.81	55.47	72.59	95.49
SR4 ▲	1.37	1.46	1.49	1.76	2.04	1420	1540	1600	1916	2216	8.46	12.62	34.92	55.99
SR5 ▲	0.29	0.27	0.30	0.31	0.31	356	327	378	386	384	-8.14	6.23	8.59	7.78
SR6 ▲	1.59	1.71	1.98	2.25	2.47	1210	1284	1434	1559	1641	6.12	18.47	28.79	35.62
SR7 ▲	0.91	0.93	0.96	0.97	0.98	1033	1068	1169	1245	1321	3.44	13.19	20.55	27.92
SR8 ▲	0.37	0.37	0.37	0.37	0.37	160	160	159	157	155	-0.49	-0.91	-2.08	-3.59
STATE ▲	1.00	1.03	1.20	1.31	1.38	6467	6712	7940	8771	9296	3.79	22.77	35.63	43.73

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE D-50  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN CANOEING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	1.43	1.43	1.43	1.43	1.43	941	930	951	954	951	-1.15	1.14	1.48	1.11
SR2 ▲ □	2.23	2.23	2.23	2.23	2.23	2586	2839	2428	2764	2861	9.76	-6.12	6.86	10.64
SR3 ▲ □	3.67	3.67	3.67	3.67	3.67	1805	2162	2306	3115	3528	19.81	55.47	72.59	95.49
SR4 ▲ □	2.00	2.00	2.00	2.00	2.00	2841	3081	3199	3833	4431	8.46	12.62	34.92	55.99
SR5 ▲ □	2.00	2.00	2.00	2.00	2.00	712	654	756	773	767	-8.14	6.23	8.59	7.78
SR6 ▲ □	11.32	11.32	11.32	11.32	11.32	13699	14537	16230	17643	18578	6.12	18.47	28.79	35.62
SR7 ▲ □	2.22	2.22	2.22	2.22	2.22	2293	2372	2595	2764	2933	3.44	13.19	20.55	27.92
SR8 ▲ □	2.00	2.00	2.00	2.00	2.00	321	319	318	314	309	-0.49	-0.91	-2.08	-3.59
STATE ▲ □	4.38	4.38	4.38	4.38	4.38	28326	29399	34776	38419	40714	3.79	22.77	35.63	43.73

▲Less than 5 percent of the respondents participated.

□Average number of days participated held at 1978 levels.

APPENDIX TABLE D-51  
PARTICIPATION ESTIMATES FOR HIKING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	4.10	4.84	5.97	6.54	7.05	1220	1429	1744	1882	1996	17.13	42.88	54.23	63.59
SR2 ▲	0.58	0.64	0.73	0.79	0.82	617	681	806	888	935	10.42	30.60	43.94	51.44
SR3 ▲	0.48	0.49	0.51	0.51	0.53	246	251	265	274	287	2.13	7.83	11.31	16.79
SR4 ▲	1.26	1.25	1.18	1.11	1.36	1306	1320	1263	1203	1479	1.02	-3.29	-7.88	13.19
SR5 ▲	1.16	1.29	1.47	1.55	1.49	1423	1587	1828	1923	1846	11.50	28.42	35.10	29.71
SR6 ▲	0.59	0.71	0.85	0.88	0.94	449	531	617	610	622	18.17	37.37	35.86	38.45
SR7 ▲	1.60	1.67	1.63	1.73	1.77	1816	1929	1990	2226	2396	6.22	9.60	22.59	31.98
SR8 ▲	1.83	2.06	2.35	2.41	2.53	793	887	1011	1023	1058	11.75	27.40	29.00	33.41
STATE ▲	1.21	1.40	1.69	1.79	1.89	7825	9132	11182	11972	12747	16.69	42.90	52.99	62.90

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE D-52  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN HIKING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	79-85	78-90	78-95
SR1 ▲ □	3.69	3.69	3.69	3.69	3.69	4503	5274	6434	6944	7366	17.13	42.88	54.23	63.59
SR2 ▲ □	2.29	2.29	2.29	2.29	2.29	1413	1561	1846	2034	2140	10.42	30.60	43.94	51.44
SR3 ▲ □	4.00	4.00	4.00	4.00	4.00	983	1004	1060	1095	1149	2.13	7.83	11.31	16.79
SR4 ▲ □	4.25	4.25	4.25	4.25	4.25	5552	5608	5369	5114	6284	1.02	-3.29	-7.88	13.19
SR5 ▲ □	18.00	18.00	18.00	18.00	18.00	25621	28566	32903	34613	33233	11.50	28.42	35.10	29.71
SR6 ▲ □	15.86	15.86	15.86	15.86	15.86	7122	8416	9784	9676	9861	18.17	37.37	35.86	38.45
SR7 ▲ □	16.34	16.34	16.34	16.34	16.34	29670	31516	32517	36373	39158	6.22	9.60	22.59	31.98
SR8 ▲ □	10.78	10.78	10.78	10.78	10.78	8553	9558	10896	11033	11410	11.75	27.40	29.00	33.41
STATE ▲	11.36	11.35	11.22	10.95	10.92	88895	103652	125478	131145	139175	16.60	41.15	47.53	56.56

▲Less than 5 percent of the respondents participated.

□Average number of days participated held at 1978 levels.

APPENDIX TABLE D-53  
PARTICIPATION ESTIMATES FOR HORSEBACK RIDING BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	2.52	2.57	2.65	2.73	2.78	750	758	775	784	789	1.13	3.39	4.55	5.15
SR2 ▲	2.59	2.25	2.82	2.95	2.98	2756	2415	3104	3312	3408	-12.38	12.64	20.19	23.66
SR3 ▲	1.44	1.38	1.32	1.28	1.25	738	711	694	683	684	-3.65	-5.87	-7.36	-7.31
SR4 ▲	1.68	2.00	2.40	2.60	2.77	1742	2112	2577	2829	3011	21.23	47.98	62.41	72.87
SR5 ▲	2.25	1.97	1.46	1.27	0.89	2761	2429	1809	1576	1110	-12.01	-34.49	-42.92	-59.80
SR6 ▲	2.35	2.46	2.57	2.74	2.82	1789	1841	1859	1896	1870	2.92	3.96	6.02	4.53
SR7 ▲	2.96	3.08	3.42	3.70	3.96	3359	3552	4187	4773	5363	5.75	24.65	42.09	59.64
SR8 ▲	1.83	1.87	1.88	1.91	1.94	793	808	807	811	811	1.85	1.77	2.22	2.21
STATE ▲	2.32	2.29	2.26	2.33	2.32	15004	14904	14911	15589	15646	-0.67	-0.62	3.90	4.28

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE D-54  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSEBACK RIDING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	2.37	2.37	2.37	2.37	2.37	1778	1798	1838	1858	1869	1.13	3.39	4.55	5.15
SR2 ▲ □	10.65	10.65	10.65	10.65	10.65	29350	25717	33061	35275	36295	-12.38	12.64	20.19	23.66
SR3 ▲ □	7.54	7.54	7.54	7.54	7.54	5561	5358	5235	5152	5155	-3.65	-5.87	-7.36	-7.31
SR4 ▲ □	10.69	10.69	10.69	10.69	10.69	18619	22572	27552	30239	32187	21.23	47.98	62.41	72.87
SR5 ▲ □	10.23	10.23	10.23	10.23	10.23	28244	24851	18503	16121	11355	-12.01	-34.49	-42.92	-59.80
SR6 ▲ □	10.93	10.93	10.93	10.93	10.93	19550	20120	20324	20726	20436	2.92	3.96	6.02	4.53
SR7 ▲ □	10.04	9.85	9.46	9.01	8.88	33727	35000	39594	43025	47601	3.78	17.40	27.57	41.14
SR8 ▲ □	10.30	10.30	10.30	10.30	10.30	8172	8323	8316	8353	8352	1.85	1.77	2.22	2.21
STATE ▲	9.89	9.57	8.81	9.85	9.83	148368	142609	131365	153606	153784	-3.89	-11.47	3.52	3.64

▲Less than 5 percent of the respondents participated.

□Average number of days participated held at 1978 levels.

APPENDIX TABLE D-55  
 PARTICIPATION ESTIMATES FOR ARCHERY BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	1.26	1.26	1.26	1.26	1.26	375	372	368	363	357	-0.79	-1.82	-3.32	-4.85
SR2 ▲	0.58	0.57	0.57	0.56	0.54	617	614	631	628	622	-0.44	2.28	1.75	0.85
SR3 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR4 ▲	0.21	0.22	0.23	0.24	0.25	218	230	250	259	267	5.47	15.01	19.03	22.82
SR5 ▲	0.36	0.41	0.49	0.53	0.56	442	503	613	660	693	13.78	38.71	49.36	56.91
SR6 ▲	0.34	0.31	0.22	0.25	0.46	259	235	158	174	308	-9.33	-39.09	-32.88	19.08
SR7 ▲	0.46	0.43	0.49	0.49	0.50	522	492	598	631	674	-5.73	14.63	20.88	29.18
SR8 ▲	0.91	0.91	0.91	0.91	0.91	395	393	391	387	381	-0.51	-0.81	-1.79	-3.30
STATE ▲	0.44	0.46	0.49	0.49	0.48	2846	2963	3210	3244	3240	4.12	12.79	13.98	13.87

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE D-56  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN ARCHERY  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	9.50	9.50	9.50	9.50	9.50	3563	3535	3498	3444	3390	-0.79	-1.82	-3.32	-4.85
SR2 ▲ □	10.29	10.29	10.29	10.29	10.29	6350	6322	6495	6462	6405	-0.44	2.28	1.75	0.85
SR3 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR4 ▲ □	1.50	1.50	1.50	1.50	1.50	327	344	376	389	401	5.47	15.01	19.03	22.82
SR5 ▲ □	4.40	4.40	4.40	4.40	4.40	1944	2212	2696	2903	3050	13.78	38.71	49.36	56.91
SR6 ▲ □	2.25	2.25	2.25	2.25	2.25	582	528	355	391	693	-9.33	-39.09	-32.88	19.08
SR7 ▲ □	9.62	9.62	9.62	9.62	9.62	5022	4734	5757	6070	6487	-5.73	14.63	20.88	29.18
SR8 ▲ □	1.00	1.00	1.00	1.00	1.00	395	393	391	387	381	-0.51	-0.81	-1.79	-3.30
STATE ▲ □	6.46	6.46	6.46	6.46	6.46	18382	19139	20734	20953	20933	4.12	12.79	13.98	13.87

▲ Less than 5 percent of the respondents participated.

● No response.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-57  
 PARTICIPATION ESTIMATES FOR TRAPSHOOTING BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	1.58	1.85	2.20	2.35	2.52	470	547	643	677	713	16.39	36.73	44.03	51.71
SR2 ▲	1.17	1.20	1.11	1.10	1.06	1245	1286	1218	1241	1215	3.31	-2.14	-0.32	-2.38
SR3 ▲	0.32	0.32	0.32	0.32	0.32	164	164	169	169	172	-0.05	3.16	3.27	5.23
SR4 ▲	2.42	2.59	2.99	3.23	3.38	2509	2728	3211	3505	3674	8.71	27.98	39.70	46.44
SR5 ▲	1.45	1.78	2.32	2.36	2.49	1779	2195	2877	2932	3092	23.35	61.72	64.78	73.79
SR6 ▲	0.59	0.65	0.73	0.74	0.77	449	485	526	514	513	7.95	17.10	14.39	14.22
SR7 ▲	1.28	1.30	1.33	1.36	1.53	1453	1497	1631	1750	2072	3.03	12.30	20.49	42.66
SR8 ▲	0.18	0.18	0.18	0.18	0.18	78	78	77	76	75	-0.49	-0.91	-2.08	-3.59
STATE ▲	1.18	1.29	1.46	1.54	1.61	7631	8406	9666	10312	10833	10.15	26.66	35.12	41.95

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE D-58  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	4.20	4.20	4.20	4.20	4.20	1975	2299	2700	2845	2996	16.39	36.73	44.03	51.71
SR2 ▲ □	10.36	10.36	10.36	10.36	10.36	12898	13325	12622	12856	12591	3.31	-2.14	-0.32	-2.38
SR3 ▲ □	4.05	4.05	4.05	4.05	4.05	664	664	685	686	699	-0.05	3.16	3.27	5.23
SR4 ▲ □	8.04	8.04	8.04	8.04	8.04	20172	21929	25817	28180	29540	8.71	27.98	39.70	46.44
SR5 ▲ □	3.95	3.95	3.95	3.95	3.95	7028	8669	11366	11581	12214	23.35	61.72	64.78	73.79
SR6 ▲ □	7.57	7.57	7.57	7.57	7.57	3399	3670	3981	3889	3883	7.95	17.10	14.39	14.22
SR7 ▲ □	16.09	16.09	16.09	16.09	16.09	23373	24080	26248	28162	33344	3.03	12.30	20.49	42.66
SR8 ▲ □	14.00	14.00	14.00	14.00	14.00	1093	1087	1083	1070	1053	-0.49	-0.91	-2.08	-3.59
STATE ▲	9.15	9.64	10.05	10.64	10.96	69826	81066	97191	109694	118716	16.10	39.19	57.10	70.02

▲Less than 5 percent of the respondents participated.

□Average number of days participated held at 1978 levels.

APPENDIX TABLE D-59  
PARTICIPATION ESTIMATES FOR SOCCER BY NORTH DAKOTA RESIDENTS  
FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ●	0.25	0.25	0.25	0.25	0.25	266	268	276	283	288	0.87	3.71	6.42	8.41
SR2 ▲														
SR3 ●														
SR4 ●														
SR5 ▲	0.29	0.30	0.31	0.33	0.35	356	364	379	409	433	2.26	6.51	14.92	21.63
SR6 ▲	1.05	1.22	1.45	1.58	1.70	799	913	1051	1093	1130	14.25	31.57	36.73	41.36
SR7 ▲	0.06	0.06	0.06	0.06	0.06	68	69	73	77	81	1.72	7.76	13.64	19.24
SR8 ●														
STATE ▲	0.27	0.31	0.36	0.39	0.41	1746	1997	2408	2610	2778	14.36	37.88	49.48	59.07

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE D-60  
ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN SOCCER  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ●	10.67	10.67	10.67	10.67	10.67	2838	2863	2944	3021	3077	0.87	3.71	6.42	8.41
SR2 ▲ □														
SR3 ●														
SR4 ●														
SR5 ▲	8.75	8.75	8.75	8.75	8.75	3114	3184	3316	3578	3787	2.26	6.51	14.92	21.63
SR6 ▲ □	17.78	17.78	17.78	17.78	17.78	14209	16235	18695	19429	20086	14.25	31.57	36.73	41.36
SR7 ▲ □	36.00	36.00	36.00	36.00	36.00	2451	2494	2642	2786	2923	1.72	7.76	13.64	19.24
SR8 ●														
STATE ▲ □	17.88	17.88	17.88	17.88	17.88	31221	35705	43046	46668	49665	14.36	37.88	49.48	59.07

▲ Less than 5 percent of the respondents participated.

● No response.

□ Average number of days participated held at 1978 levels.

APPENDIX TABLE D-61  
 PARTICIPATION ESTIMATES FOR HORSESHOES BY NORTH DAKOTA RESIDENTS  
 FOR 1978, 1980, 1985, 1990 AND 1995

REGION	PERCENT OF POPULATION PARTICIPATING					TOTAL NUMBER OF PARTICIPANTS					PERCENT CHANGE IN NUMBER OF PARTICIPANTS			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲	1.58	1.46	1.06	1.15	1.89	470	432	310	332	534	-8.10	-34.02	-29.35	13.61
SR2 ▲	0.58	0.57	0.57	0.51	0.47	617	615	632	575	533	-0.37	2.46	-6.82	-13.59
SR3 ▲	0.64	0.71	0.77	0.84	0.91	328	363	402	449	493	10.80	22.56	36.93	51.98
SR4 ▲	0.49	0.53	0.64	0.60	0.59	503	558	687	649	636	9.79	35.23	27.72	25.29
SR5 ▲	0.65	0.60	0.51	0.47	0.39	798	733	636	581	484	-8.16	-20.29	-27.21	-39.33
SR6 ▲	1.26	1.29	1.33	1.34	1.36	959	965	959	932	901	0.62	-0.03	-2.83	-6.03
SR7 ▲	1.51	1.55	1.58	1.60	1.62	1714	1793	1929	2065	2196	4.61	12.59	20.48	28.15
SR8 ▲	1.10	1.15	1.61	1.63	1.69	477	498	690	693	705	4.44	44.76	45.27	47.86
STATE ▲	0.97	0.98	1.00	0.97	0.95	6273	6373	6579	6496	6372	1.60	4.88	3.55	1.57

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE D-62  
 ESTIMATES OF THE AVERAGE AND TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSESHOES  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	AVERAGE NUMBER OF DAYS PARTICIPATED					TOTAL DAYS PARTICIPATED					PERCENT CHANGE IN TOTAL DAYS PARTICIPATED			
	1978	1980	1985	1990	1995	1978	1980	1985	1990	1995	78-80	78-85	78-90	78-95
SR1 ▲ □	2.40	2.40	2.40	2.40	2.40	1129	1037	745	797	1282	-8.10	-34.02	-29.35	13.61
SR2 ▲ □	2.00	2.00	2.00	2.00	2.00	1234	1230	1265	1150	1067	-0.37	2.46	-6.82	-13.59
SR3 ▲ □	5.75	5.75	5.75	5.75	5.75	1885	2088	2310	2581	2865	10.80	22.56	36.93	51.98
SR4 ▲ □	5.88	5.88	5.88	5.88	5.88	2987	3280	4039	3815	3742	9.79	35.23	27.72	25.29
SR5 ▲ □	4.67	4.67	4.67	4.67	4.67	3725	3421	2969	2711	2260	-8.16	-20.29	-27.21	-39.33
SR6 ▲ □	4.20	4.20	4.20	4.20	4.20	4028	4053	4026	3914	3785	0.62	-0.03	-2.83	-6.03
SR7 ▲ □	8.00	8.00	8.00	8.00	8.00	13709	14342	15436	16517	17568	4.61	12.59	20.48	28.15
SR8 ▲ □	3.33	3.33	3.33	3.33	3.33	1588	1659	2299	2307	2348	4.44	44.76	45.27	47.86
STATE ▲ □	5.34	5.34	5.34	5.34	5.34	33499	34033	35133	34688	34026	1.60	4.88	3.55	1.57

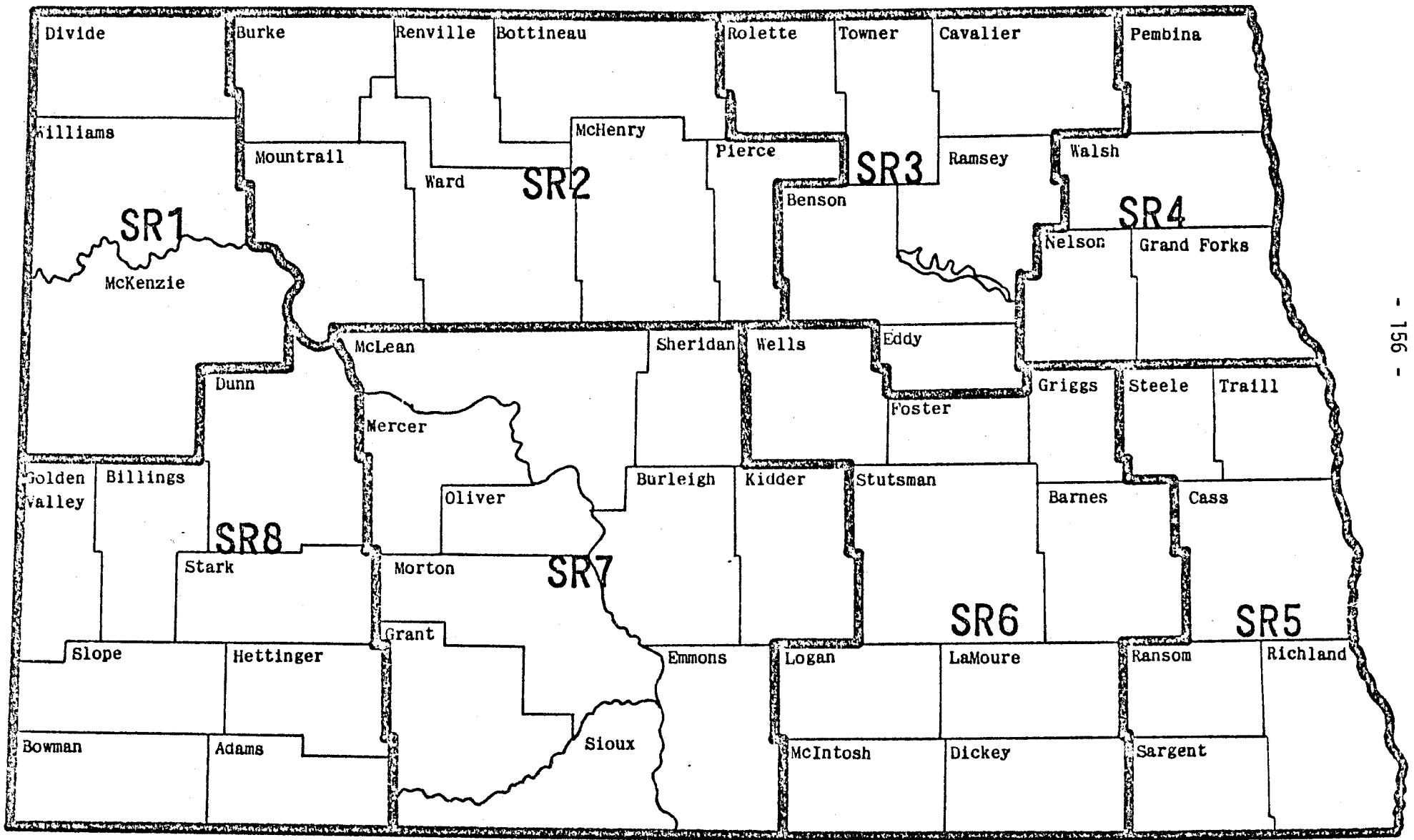
▲ Less than 5 percent of the respondents participated.

□ Average number of days participated held at 1978 levels.





APPENDIX E  
POPULATION DISTRIBUTIONS FOR AGE/SEX COHORTS,  
BY REGION, 1978, 1980, 1985, 1990, and 1995



APPENDIX TABLE E-1  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SRI  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
SEX	AGE	1978		1980		1985		1990		1995	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	5455	36.75	5205	36.75	5074	35.14	5212	36.63	5132	36.69
MALE	20 TO 44	4658	31.38	4873	31.38	5097	35.30	5042	35.44	5222	37.33
MALE	44 TO 64	2982	20.09	2800	20.09	2404	16.65	2208	15.52	2027	14.49
MALE	65 AND OVER	1749	11.78	1805	11.73	1864	12.91	1765	12.41	1608	11.49
MALE	TOTAL	14844	100.00	14683	100.00	14439	100.00	14227	100.00	13989	100.00
FEMALE	LESS THAN 20	5310	35.59	5089	35.59	4940	33.42	5021	34.51	4941	34.48
FEMALE	20 TO 44	4593	30.79	4773	30.79	5002	33.84	4988	34.29	5069	35.37
FEMALE	45 TO 64	3035	20.34	2947	20.34	2626	17.77	2420	16.63	2214	15.45
FEMALE	65 AND OVER	1980	13.27	2036	13.27	2212	14.97	2119	14.57	2107	14.70
FEMALE	TOTAL	14918	100.00	14845	100.00	14780	100.00	14548	100.00	14331	100.00

APPENDIX TABLE E-2  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SR2  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
SEX	AGE	1978		1980		1985		1990		1995	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	18932	34.93	18258	34.93	17639	31.46	18026	31.33	17733	30.29
MALE	20 TO 44	20936	38.62	22068	38.62	24338	43.41	25327	44.02	23764	40.59
MALE	45 TO 64	9037	16.67	8992	16.67	8916	15.90	9210	16.01	12157	20.76
MALE	65 AND OVER	5300	9.78	5324	9.78	5169	9.22	4568	8.64	4857	8.36
MALE	TOTAL	54205	100.00	54642	100.00	56062	100.00	57531	100.00	58551	100.00
FEMALE	LESS THAN 20	18197	34.86	17513	34.86	16973	31.40	17244	31.41	16945	30.42
FEMALE	20 TO 44	18701	35.83	19707	35.83	21430	39.04	22062	40.18	21752	39.05
FEMALE	45 TO 64	9071	17.38	9035	17.38	9024	16.69	9308	16.95	10655	19.13
FEMALE	65 AND OVER	6231	11.94	6391	11.94	6634	12.27	6294	11.46	6357	11.41
FEMALE	TOTAL	52200	100.00	52646	100.00	54061	100.00	54906	100.00	55709	100.00

APPENDIX TABLE E-3  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SR3  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
SEX	AGE	1978		1980		1985		1990		1995	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	10449	40.89	10209	40.89	10445	40.19	11354	42.80	10809	42.28
MALE	20 TO 44	7172	28.07	7673	28.07	8508	32.74	8685	32.74	6421	25.12
MALE	45 TO 64	4583	17.94	4364	17.94	3921	15.09	3540	13.35	4912	19.22
MALE	65 AND OVER	3348	13.10	3300	13.10	3112	11.98	2946	11.11	3421	13.38
MALE	TOTAL	25552	100.00	25546	100.00	25986	100.00	26525	100.00	25563	100.00
FEMALE	LESS THAN 20	10077	39.26	9835	39.26	9993	37.77	10857	40.35	10440	40.95
FEMALE	20 TO 44	7218	28.12	7656	28.12	8495	32.10	8657	32.17	6561	25.74
FEMALE	45 TO 64	4648	18.11	4526	18.11	4226	15.97	3931	14.81	4831	18.95
FEMALE	65 AND OVER	3725	14.51	3767	14.51	3747	14.16	3461	12.86	3661	14.36
FEMALE	TOTAL	25668	100.00	25784	100.00	26461	100.00	26906	100.00	25493	100.00

APPENDIX TABLE E-4  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SR4  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
		1978		1980		1985		1990		1995	
SEX	AGE	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	16059	29.62	15440	29.62	14749	26.27	14734	25.87	14034	24.66
MALE	20 TO 44	25671	47.35	27453	47.35	29664	52.85	30478	53.52	25831	45.39
MALE	45 TO 64	7817	14.42	7781	14.42	7278	12.97	7401	13.00	12840	22.56
MALE	65 AND OVER	4663	8.60	4587	8.60	4439	7.91	4333	7.61	4204	7.39
MALE	TOTAL	54210	100.00	55261	100.00	56135	100.00	56946	100.00	56909	100.00
FEMALE	LESS THAN 20	15337	31.01	14703	31.01	14045	27.36	14115	27.31	13429	25.94
FEMALE	20 TO 44	20326	41.09	21638	41.09	23715	46.20	24344	47.10	22131	42.75
FEMALE	45 TO 64	7908	15.99	7881	15.99	7691	14.98	7688	14.87	10693	20.66
FEMALE	65 AND OVER	5894	11.92	5871	11.92	5879	11.45	5544	10.73	5516	10.66
FEMALE	TOTAL	49465	100.00	50093	100.00	51330	100.00	51691	100.00	51769	100.00

APPENDIX TABLE E-5  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SRS  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
SEX	AGE	1978		1980		1985		1990		1995	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	20177	32.91	19607	32.91	19104	30.85	19399	31.23	18834	30.36
MALE	20 TO 44	23471	38.28	24579	38.28	26476	42.76	26653	42.91	25486	41.07
MALE	45 TO 64	10771	17.57	10478	17.57	9752	15.75	9585	15.43	11326	18.25
MALE	65 AND OVER	6891	11.24	6796	11.24	6585	10.64	6470	10.42	6415	10.34
MALE	TOTAL	61310	100.00	61460	100.00	61917	100.00	62107	100.00	62061	100.00
FEMALE	LESS THAN 20	19281	31.40	18701	31.40	18300	29.37	18558	29.90	17999	29.01
FEMALE	20 TO 44	22003	35.84	22966	35.84	24578	39.44	24949	40.19	24013	38.70
FEMALE	45 TO 64	11112	18.10	10935	18.10	10317	16.56	10047	16.18	11475	18.50
FEMALE	65 AND OVER	9000	14.66	9048	14.66	9115	14.63	8522	13.73	8555	13.79
FEMALE	TOTAL	61396	100.00	61650	100.00	62310	100.00	62076	100.00	62042	100.00

APPENDIX TABLE E-6  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SR6  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
SEX	AGE	1978		1980		1985		1990		1995	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	12702	33.72	11884	33.72	11084	31.23	10943	32.12	10553	32.36
MALE	20 TO 44	11464	30.43	12038	30.43	12604	35.51	12477	36.62	12301	37.72
MALE	45 TO 64	7880	20.92	7477	20.92	6521	18.37	5664	16.63	5070	15.55
MALE	65 AND OVER	5626	14.93	5549	14.93	5281	14.88	4984	14.63	4686	14.37
MALE	TOTAL	37672	100.00	36948	100.00	35490	100.00	34068	100.00	32610	100.00
FEMALE	LESS THAN 20	11936	31.05	11179	31.05	10479	28.43	10487	29.75	10103	29.81
FEMALE	20 TO 44	11617	30.22	12091	30.22	12484	33.87	12212	34.64	11938	35.22
FEMALE	45 TO 64	8162	21.23	7852	21.23	7138	19.37	6333	17.96	5720	16.88
FEMALE	65 AND OVER	6729	17.50	6812	17.50	6755	18.33	6224	17.65	6130	18.09
FEMALE	TOTAL	38444	100.00	37934	100.00	36856	100.00	35256	100.00	33891	100.00



APPENDIX TABLE E-7  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SR7  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
		1978		1980		1985		1990		1995	
SEX	AGE	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	21507	38.58	21023	38.58	21440	35.80	23240	36.68	24377	36.64
MALE	20 TO 44	18103	32.48	19497	32.48	22673	37.86	24291	38.34	26616	40.00
MALE	45 TO 64	10592	19.00	10495	19.00	9970	16.65	9913	15.65	9525	14.32
MALE	65 AND OVER	5540	9.94	5615	9.94	5801	9.65	5912	9.33	6020	9.05
MALE	TOTAL	55742	100.00	56630	100.00	59884	100.00	63356	100.00	66538	100.00
FEMALE	LESS THAN 20	20723	35.89	20243	35.89	20531	32.89	22258	33.93	23326	33.91
FEMALE	20 TO 44	19145	33.15	20441	33.15	23404	37.50	24943	38.02	26339	38.29
FEMALE	45 TO 64	10905	18.88	10893	18.88	10764	17.25	10669	16.26	11096	16.13
FEMALE	65 AND OVER	6972	12.07	7236	12.07	7716	12.36	7737	11.79	8026	11.67
FEMALE	TOTAL	57745	100.00	58813	100.00	62415	100.00	65607	100.00	68787	100.00

APPENDIX TABLE E-8  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR SR8  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
SEX	AGE	1978		1980		1985		1990		1995	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	7987	36.70	7531	36.70	7145	33.46	7206	34.14	7144	34.46
MALE	20 TO 44	7341	33.74	7764	33.74	8309	38.90	8363	39.62	8211	39.61
MALE	45 TO 64	4054	18.63	3868	18.63	3413	15.98	3159	14.97	3114	15.02
MALE	65 AND OVER	2378	10.93	2423	10.93	2495	11.68	2379	11.27	2262	10.91
MALE	TOTAL	21760	100.00	21586	100.00	21362	100.00	21107	100.00	20731	100.00
FEMALE	LESS THAN 20	7553	34.98	7138	34.98	6804	31.50	6909	32.37	6843	32.49
FEMALE	20 TO 44	7034	32.57	7423	32.57	8031	37.18	8112	38.00	7900	37.50
FEMALE	45 TO 64	4147	19.20	4030	19.20	3616	16.74	3310	15.51	3307	15.70
FEMALE	65 AND OVER	2861	13.25	2965	13.25	3148	14.57	3014	14.12	3015	14.31
FEMALE	TOTAL	21595	100.00	21556	100.00	21599	100.00	21345	100.00	21065	100.00

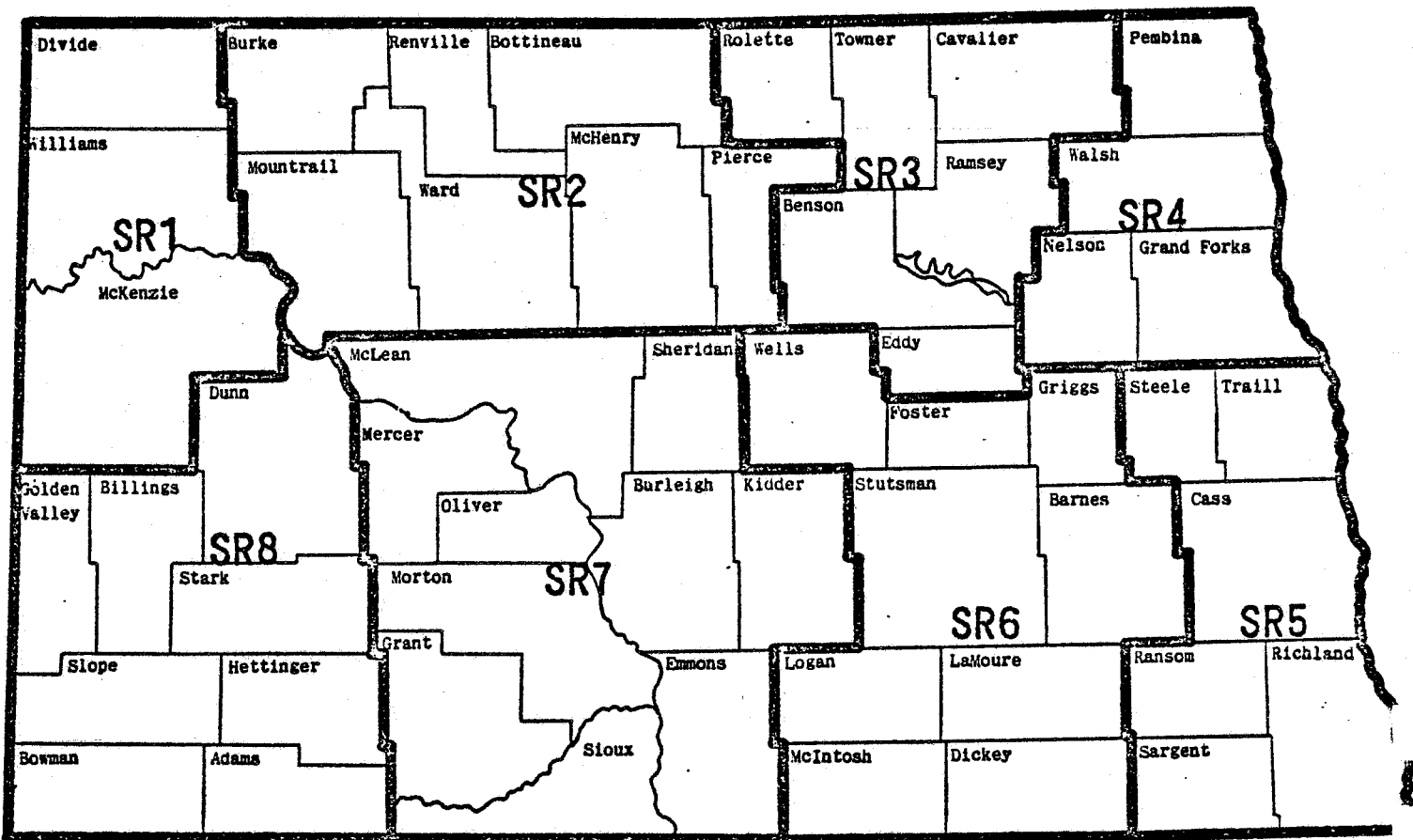
APPENDIX TABLE E-9  
 POPULATION DISTRIBUTION FOR AGE/SEX COHORTS FOR NORTH DAKOTA  
 FOR 1978, 1980, 1985, 1990 AND 1995

		DISTRIBUTION OF POPULATION									
		1978		1980		1985		1990		1995	
SEX	AGE	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MALE	LESS THAN 20	113269	34.82	109157	34.82	106680	32.20	110114	32.79	108616	32.23
MALE	20 TO 44	118816	36.53	125945	36.53	137674	41.56	141316	42.07	133852	39.72
MALE	44 TO 64	57716	17.74	56255	17.74	52175	15.75	50680	15.09	60971	18.09
MALE	65 AND OVER	35495	10.91	35399	10.91	34746	10.49	33757	10.05	33513	9.95
MALE	TOTAL	325296	100.00	326756	100.00	331275	100.00	335867	100.00	336952	100.00
FEMALE	LESS THAN 20	108413	33.65	104401	33.65	102065	30.95	105449	31.73	104026	31.23
FEMALE	20 TO 44	110637	34.34	116695	34.34	127139	38.55	130267	39.20	125703	37.74
FEMALE	45 TO 64	58987	18.31	58099	18.31	55402	16.80	53704	16.16	59991	18.01
FEMALE	65 AND OVER	44126	13.70	44126	13.70	45206	13.71	42915	12.91	43367	13.02
FEMALE	TOTAL	322163	100.00	323321	100.00	329812	100.00	332335	100.00	333087	100.00



APPENDIX F  
PARTICIPATION ESTIMATES USING AGE/SEX COHORTS FOR  
SELECTED ACTIVITIES, BY REGION, 1978, 1980, 1985, 1990 AND 1995

Appendix F contains projections of the total number of days participated by activity using the age/sex cohort approach. For example, Appendix Table F-1 contains participation projections for upland game hunting. A total of 22,290 residents--18,957 males and 3,333 females--from SR7 are expected to participate in upland game hunting in 1995. Males from SR7 are projected to participate 119,533 days in 1995, while females are expected to participate 13,440 days for a total of 132,973 days.



APPENDIX TABLE F-1

PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR UPLAND GAME HUNTING  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	5398	5404	5367	5275	5253	29591	30191	30772	30401	30787
SR1	FEMALE	1161	1162	1154	1140	1127	5519	5621	5739	5706	5727
SR1	ALL	6559	6567	6521	6415	6381	35110	35812	36511	36107	36514
SR2	MALE	15707	16078	16917	17470	17628	118851	121883	128636	132977	134319
SR2	FEMALE	2650	2706	2826	2889	2904	15151	15446	16081	16403	16669
SR2	ALL	18358	18784	19743	20359	20531	134002	137329	144717	149379	150988
SR3	MALE	4723	4760	4884	4955	4669	20762	21115	21906	22198	20235
SR3	FEMALE	286	290	297	290	280	554	557	558	540	549
SR3	ALL	5009	5050	5181	5245	4949	21316	21672	22464	22739	20783
SR4	MALE	7263	7565	7888	8054	7716	25903	26942	28075	28637	27148
SR4	FEMALE	557	571	592	596	612	2434	2514	2629	2661	2830
SR4	ALL	7820	8135	8480	8649	8328	28336	29456	30703	31298	29979
SR5	MALE	13188	13396	13768	13821	13714	78053	79594	82329	82692	81622
SR5	FEMALE	1917	1950	2006	2021	2010	9448	9718	10166	10275	10084
SR5	ALL	15106	15347	15774	15842	15725	87501	89312	92495	92966	91706
SR6	MALE	7247	7233	7072	6790	6531	42675	42874	42361	40914	39520
SR6	FEMALE	930	924	904	867	829	3287	3324	3314	3197	3081
SR6	ALL	8177	8157	7976	7657	7360	45962	46198	45675	44111	42601
SR7	MALE	14936	15445	16798	17823	18957	92253	96022	105454	111936	119533
SR7	FEMALE	2650	2750	3003	3169	3333	10435	10904	12062	12765	13440
SR7	ALL	17586	18195	19803	20991	22290	102688	106927	117515	124701	132973
SR8	MALE	4613	4657	4672	4604	4520	35563	35982	36102	35538	34898
SR8	FEMALE	971	984	1002	998	979	4185	4256	4365	4354	4268
SR8	ALL	5584	5641	5675	5602	5499	39748	40237	40466	39892	39166
STATE	MALE	74260	75829	78563	79808	79464	457664	469682	490025	498634	493417
STATE	FEMALE	11261	11496	11964	12140	12078	51171	52599	55255	56112	55503
STATE	ALL	85521	87325	90527	92008	91542	508834	522270	545280	554747	548920

**APPENDIX TABLE F-2**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR WATERFOWL HUNTING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2892	2910	2906	2855	2855	19346	19794	20143	19799	20040
SR1	FEMALE	801	801	795	786	777	5254	5288	5307	5260	5233
SR1	ALL	3693	3711	3700	3641	3632	24600	25082	25450	25059	25273
SR2	MALE	17328	17714	18604	19200	19290	178469	182919	192926	199317	199893
SR2	FEMALE	1792	1840	1937	1990	2015	11554	11751	12194	12528	12898
SR2	ALL	19120	19554	20540	21191	21305	190023	194670	205120	211845	212791
SR3	MALE	8672	8775	9072	9241	8517	70953	71763	73777	74576	69742
SR3	FEMALE	577	589	616	622	560	3180	3321	3601	3655	2968
SR3	ALL	9249	9364	9688	9863	9077	74132	75084	77378	78231	72710
SR4	MALE	12089	12549	13012	13273	13055	76512	79676	83072	84777	81054
SR4	FEMALE	1055	1089	1142	1157	1156	4917	5112	5425	5513	5363
SR4	ALL	13144	13638	14154	14430	14211	81429	84788	88497	90290	86416
SR5	MALE	14366	14549	14894	14956	14838	99787	101369	104203	104558	103334
SR5	FEMALE	1672	1706	1763	1779	1759	8355	8599	9018	9125	8907
SR5	ALL	16038	16255	16658	16735	16597	108142	109967	113220	113683	112241
SR6	MALE	9452	9388	9146	8793	8455	81086	80778	79149	76426	73701
SR6	FEMALE	1233	1247	1247	1210	1170	5169	5224	5184	4961	4759
SR6	ALL	10635	10635	10393	10003	9625	86255	86002	84333	81386	78460
SR7	MALE	11285	11632	12560	13255	14083	74579	77038	83527	88457	93877
SR7	FEMALE	1437	1486	1611	1690	1775	4610	4802	5282	5577	5867
SR7	ALL	12721	13119	14171	14945	15858	79189	81841	88809	94034	99745
SR8	MALE	2265	2296	2321	2289	2243	12956	13269	13606	13471	13196
SR8	FEMALE	138	146	157	159	155	621	655	709	716	697
SR8	ALL	2403	2441	2479	2448	2398	13577	13924	14315	14186	13893
STATE	MALE	77803	79258	81858	83184	82874	605346	618606	641706	652259	646777
STATE	FEMALE	8668	8880	9238	9432	9355	41927	43124	45331	46074	45590
STATE	ALL	86471	88138	91145	92616	92229	647274	661730	687037	698333	692367



APPENDIX TABLE F-3  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR BIG GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2941	2954	2929	2863	2854	12958	13095	13083	12791	12797
SR1	FEMALE	446	446	434	423	414	1759	1778	1786	1764	1755
SR1	ALL	3388	3400	3363	3287	3268	14716	14873	14868	14555	14551
SR2	MALE	11360	11634	12241	12645	12884	52919	54214	57082	58938	59622
SR2	FEMALE	1269	1308	1384	1422	1423	3115	3225	3430	3526	3518
SR2	ALL	12629	12942	13625	14067	14307	56034	57439	60512	62464	63140
SR3	MALE	3427	3493	3612	3617	3328	14784	15095	15628	15625	14318
SR3	FEMALE	354	363	377	372	342	863	894	949	947	817
SR3	ALL	3781	3856	3989	3989	3669	15647	15988	16577	16572	15136
SR4	MALE	7147	7451	7754	7926	7918	37605	39446	41417	42388	40917
SR4	FEMALE	710	723	747	769	760	3503	3637	3858	3939	3758
SR4	ALL	7856	8174	8501	8685	8678	41108	43083	45275	46327	44675
SR5	MALE	9094	9299	9636	9664	9614	48435	49708	51796	51961	51487
SR5	FEMALE	1093	1120	1168	1181	1156	3624	3705	3839	3873	3830
SR5	ALL	10186	10419	10804	10845	10770	52059	53413	55635	55835	55318
SR6	MALE	5835	5863	5767	5633	5324	28434	28770	28586	27569	26636
SR6	FEMALE	480	492	499	485	471	1701	1758	1802	1761	1718
SR6	ALL	6315	6355	6266	6018	5795	30135	30527	30388	29330	28354
SR7	MALE	8263	8589	9387	9929	10563	33202	34708	38325	40630	43449
SR7	FEMALE	1429	1491	1646	1744	1836	3660	3849	4291	4537	4781
SR7	ALL	9692	10081	11033	11673	12399	36862	38557	42617	45167	48230
SR8	MALE	2771	2823	2857	2821	2771	11714	11918	12077	11960	11758
SR8	FEMALE	497	511	528	526	515	1064	1094	1135	1132	1108
SR8	ALL	3268	3334	3385	3347	3287	12778	13012	13212	13092	12866
STATE	MALE	51055	52386	54490	55299	55140	239372	246590	258110	262309	259806
STATE	FEMALE	6285	6469	6810	6935	6848	19123	19793	20994	21402	21038
STATE	ALL	57340	58855	61300	62234	61988	258495	266383	279104	283711	280844

**APPENDIX TABLE F-4**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR NONGAME HUNTING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2773	2806	2820	2766	2764	24180	24653	24938	24455	24665
SR1	FEMALE	314	307	297	293	286	3338	3307	3286	3284	3257
SR1	ALL	3087	3113	3117	3059	3050	27518	27959	28223	27739	27922
SR2	MALE	7289	7449	7840	8102	8009	54386	55685	58679	60606	60338
SR2	FEMALE	644	653	633	706	695	1774	1812	1899	1947	1918
SR2	ALL	7933	8107	8529	8808	8704	56159	57498	60578	62554	62256
SR3	MALE	2713	2751	2836	2865	2657	30859	31150	32070	32614	30424
SR3	FEMALE	63	72	80	82	62	68	72	80	82	62
SR3	ALL	2781	2823	2916	2947	2719	30927	31222	32151	32696	30485
SR4 ▲	MALE	4087	4283	4511	4614	4224	40733	42821	45340	46407	41337
SR4 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR4 ▲	ALL	4087	4283	4511	4614	4224	40733	42821	45340	46407	41337
SR5 ▲	MALE	4601	4704	4897	4926	4806	37271	38471	40547	40769	39663
SR5 ▲	FEMALE	559	574	603	612	590	2063	2140	2273	2307	2222
SR5 ▲	ALL	5160	5278	5500	5538	5396	39335	40610	42820	43076	41885
SR6	MALE	4388	4415	4382	4253	4120	32786	33079	33004	32135	31208
SR6	FEMALE	755	759	751	723	695	2449	2469	2491	2397	2310
SR6	ALL	5144	5174	5133	4976	4815	35235	35568	35495	34532	33519
SR7	MALE	7210	7503	8254	8773	9381	55689	58184	64397	68440	73352
SR7	FEMALE	1050	1098	1219	1295	1365	3653	3977	4401	4686	4946
SR7	ALL	8260	8601	9474	10068	10746	59341	62061	68798	73126	78298
SR8	MALE	3370	3429	3482	3445	3382	30375	30872	31403	31216	30684
SR8	FEMALE	126	127	130	132	129	1992	1913	1861	1888	1865
SR8	ALL	3496	3556	3612	3577	3512	32367	32785	33264	33105	32549
STATE	MALE	37489	38486	40243	41016	40336	312312	321621	337749	344396	337550
STATE	FEMALE	3757	3856	4030	4143	4069	16203	16625	17516	17931	17529
STATE	ALL	41247	42342	44299	45159	44405	328515	338246	355265	362327	355079

▲Less than 5 percent of the respondents participated.

●No response.

**APPENDIX TABLE F-5**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR ICE FISHING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2798	2806	2784	2723	2700	20313	20498	20497	20018	19826
SR1	FEMALE	1018	1005	1001	959	988	5246	5149	5088	5084	5018
SR1	ALL	3816	3811	3786	3721	3688	25560	25647	25585	25102	24843
SR2	MALE	11137	11313	11724	12049	12403	71290	72579	75254	77114	79114
SR2	FEMALE	3279	3299	3336	3461	3464	18372	18353	18667	19061	19065
SR2	ALL	14416	14612	15110	15511	15867	89662	90932	93921	96176	98178
SR3	MALE	4055	4081	4139	4127	4017	33015	33079	32958	32171	32923
SR3	FEMALE	795	798	818	831	789	3219	3308	3500	3547	3087
SR3	ALL	4850	4879	4957	4959	4807	36234	36387	36458	35718	36009
SR4 ▲	MALE	4885	5062	5252	5355	5110	28442	28777	28932	28969	28145
SR4 ▲	FEMALE	718	729	752	764	736	3311	3301	3322	3364	3284
SR4 ▲	ALL	5604	5791	6004	6119	5847	31754	32078	32253	32333	31429
SR5 ▲	MALE	3870	3917	3999	4008	3981	26467	26766	27236	27178	26749
SR5 ▲	FEMALE	851	866	883	893	896	1734	1765	1821	1838	1816
SR5 ▲	ALL	4721	4783	4887	4901	4877	28201	28531	29058	29016	28565
SR6	MALE	5494	5496	5413	5238	5057	27892	28096	27809	26841	25912
SR6	FEMALE	1420	1409	1386	1348	1301	3379	3376	3336	3236	3121
SR6	ALL	6913	6905	6799	6586	6358	31271	31471	31145	30077	29033
SR7	MALE	8984	9284	10091	10702	11379	57171	59671	65849	69881	74756
SR7	FEMALE	2125	2194	2399	2559	2694	7995	8327	9202	9792	10314
SR7	ALL	11109	11479	12490	13261	14072	65167	67999	75051	79673	85071
SR8	MALE	1840	1853	1852	1821	1788	8817	8885	8861	8720	8572
SR8	FEMALE	407	411	412	405	398	523	529	532	521	513
SR8	ALL	2247	2265	2264	2226	2186	9339	9414	9393	9241	9084
STATE	MALE	43959	44764	46152	46809	46672	282386	288342	297497	300505	299299
STATE	FEMALE	10607	10726	11070	11282	11172	41792	42221	43573	44473	43937
STATE	ALL	54567	55490	57222	58091	57844	324178	330563	341070	344978	343236

▲Less than 5 percent of the respondents participated.

**APPENDIX TABLE F-6**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR CROSS-COUNTRY SKIING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	584	592	596	577	561	5129	5276	5415	5193	4921
SR1 ▲	FEMALE	360	361	359	354	350	1422	1453	1484	1471	1476
SR1 ▲	ALL	943	953	955	932	912	6550	6729	6899	6664	6397
SR2 ▲	MALE	2694	2727	2832	2927	2969	14957	15174	15800	16338	16579
SR2 ▲	FEMALE	1882	1900	1960	2008	2010	8247	8373	8695	8916	8933
SR2 ▲	ALL	4575	4627	4792	4935	4979	23204	23547	24495	25254	25513
SR3 ▲	MALE	1346	1374	1446	1486	1303	7775	7934	8357	8621	7537
SR3 ▲	FEMALE	781	802	854	875	749	4031	4181	4527	4665	3804
SR3 ▲	ALL	2126	2176	2300	2362	2052	11806	12115	12884	13286	11341
SR4 ▲	MALE	3464	3598	3745	3822	3617	21780	22718	23673	24207	23966
SR4 ▲	FEMALE	2129	2221	2360	2407	2407	12837	13376	14188	14469	14640
SR4 ▲	ALL	5594	5818	6105	6230	6024	34617	36094	37861	38675	38606
SR5	MALE	4024	4066	4133	4143	4202	29080	29366	29755	29778	30535
SR5	FEMALE	3815	3865	3958	3989	3963	21486	21816	22387	22556	22441
SR5	ALL	7839	7931	8090	8132	8165	50566	51182	52142	52333	52975
SR6 ▲	MALE	1292	1298	1287	1253	1211	11608	11983	12303	12108	11867
SR6 ▲	FEMALE	1062	1068	1064	1035	1001	6840	6868	6842	6677	6464
SR6 ▲	ALL	2354	2366	2352	2285	2212	18448	18850	19145	18784	18332
SR7 ▲	MALE	2385	2459	2664	2828	3004	19708	20516	22588	24032	25720
SR7 ▲	FEMALE	2205	2250	2411	2583	2693	14578	15144	16624	17622	18549
SR7 ▲	ALL	4591	4709	5075	5391	5697	34286	35660	39213	41654	44269
SR8 ▲	MALE	900	906	939	903	889	10109	9892	9430	9175	9046
SR8 ▲	FEMALE	233	238	241	235	231	1806	1767	1612	1491	1485
SR8 ▲	ALL	1134	1144	1180	1138	1120	11915	11659	11042	10666	10531
STATE ▲	MALE	16248	16547	17103	17409	17337	120414	123059	127494	129561	129506
STATE ▲	FEMALE	12222	12440	12922	13160	13044	71658	73305	76531	77867	77224
STATE ▲	ALL	28469	28987	30025	30569	30381	192072	196364	204024	207428	206730

▲Less than 5 percent of the respondents participated.

**APPENDIX TABLE F-7**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR DOWNHILL SKIING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	419	420	426	423	434	633	638	649	652	662
SR1 ▲	FEMALE	618	602	595	602	597	1329	1315	1317	1328	1325
SR1 ▲	ALL	1037	1023	1021	1031	1031	1962	1953	1967	1980	1987
SR2	MALE	5193	5270	5492	5675	5666	25918	25974	26607	27428	27208
SR2	FEMALE	2764	2789	2876	2939	2917	11059	11178	11556	11822	11687
SR2	ALL	7958	8059	8368	8614	8583	36977	37153	38163	39251	38895
SR3	MALE	2088	2088	2147	2222	2087	10528	10538	10922	11455	10513
SR3	FEMALE	1734	1733	1800	1903	1736	9300	9151	9350	10024	9524
SR3	ALL	3822	3821	3947	4125	3823	19828	19689	20272	21478	20037
SR4 ▲	MALE	2148	2217	2287	2329	2283	13472	13976	14488	14769	14427
SR4 ▲	FEMALE	1502	1509	1537	1560	1480	4505	4512	4581	4649	4359
SR4 ▲	ALL	3649	3726	3824	3889	3762	17977	18488	19070	19418	18786
SR5 ▲	MALE	890	895	905	909	917	2276	2261	2224	2220	2349
SR5 ▲	FEMALE	523	524	532	538	523	1803	1813	1855	1880	1825
SR5 ▲	ALL	1414	1420	1437	1446	1445	4079	4074	4079	4101	4174
SR6 ▲	MALE	941	908	864	837	804	5263	5062	4850	4771	4618
SR6 ▲	FEMALE	639	618	594	581	558	2710	2629	2545	2518	2434
SR6 ▲	ALL	1580	1527	1458	1419	1363	7973	7690	7395	7289	7052
SR7 ▲	MALE	1150	1197	1312	1387	1477	3163	3278	3577	3796	4043
SR7 ▲	FEMALE	1102	1117	1190	1270	1334	4917	4987	5328	5712	6005
SR7 ▲	ALL	2252	2314	2502	2657	2811	8080	8265	8906	9508	10047
SR8 ▲	MALE	232	227	221	219	216	832	817	804	804	794
SR8 ▲	FEMALE	183	181	182	184	181	734	724	727	737	725
SR8 ▲	ALL	415	408	403	404	398	1565	1540	1531	1541	1518
STATE ▲	MALE	12240	12383	12717	12964	12888	56173	56465	57690	58957	58382
STATE ▲	FEMALE	8539	8533	8715	8930	8790	34752	34621	35275	36239	35574
STATE ▲	ALL	20779	20916	21432	21894	21678	90924	91086	92965	95197	93956

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE F-8  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR SNOWMOBILING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	3853	3829	3767	3705	3678	45330	44560	43582	43226	42821
SR1	FEMALE	1970	1964	1958	1950	1936	23444	22961	22499	22494	22160
SR1	ALL	5823	5792	5725	5655	5614	68774	67522	66081	65720	64980
SR2	MALE	14386	14602	15213	15720	15869	209105	212411	221738	229305	230244
SR2	FEMALE	8278	8290	8467	8661	8601	74027	73978	75336	77053	76729
SR2	ALL	22664	22892	23680	24382	24470	283133	286389	297073	306358	306973
SR3	MALE	7453	7500	7742	7961	7384	110049	109984	112997	117162	110151
SR3	FEMALE	4027	4039	4204	4415	4009	62730	62704	65239	69112	62770
SR3	ALL	11480	11539	11946	12376	11392	172779	172687	178236	186273	172921
SR4	MALE	10340	10688	11072	11289	10695	116503	120015	123892	126180	119314
SR4	FEMALE	5066	5085	5165	5238	5104	36317	36219	36414	36855	36675
SR4	ALL	15406	15774	16237	16527	15799	152820	156233	160306	163035	155989
SR5	MALE	10126	10245	10485	10542	10464	114152	115782	119132	119926	117915
SR5	FEMALE	4577	4560	4586	4630	4572	40044	40029	40462	40873	40251
SR5	ALL	14703	14805	15072	15173	15036	154196	155811	159594	160798	158166
SR6	MALE	7256	7195	7031	6807	6569	59013	58469	57188	55500	53620
SR6	FEMALE	3096	3082	3048	2983	2886	21220	21013	20712	20342	19694
SR6	ALL	10352	10276	10079	9789	9455	80233	79482	77899	75842	73315
SR7	MALE	9878	10202	11116	11836	12622	133000	138594	153577	164099	176451
SR7	FEMALE	5831	5939	6367	6795	7141	35727	36387	39034	41710	43845
SR7	ALL	15709	16141	17483	18631	19763	168726	174981	192611	205809	220296
SR8	MALE	4924	4901	4863	4823	4749	79556	79543	79621	79338	78166
SR8	FEMALE	3138	3138	3187	3210	3152	37473	37364	37959	38380	37683
SR8	ALL	8063	8039	8050	8033	7901	117029	116907	117580	117718	115849
STATE	MALE	67666	68678	70815	72199	71701	863987	877278	906922	926365	914052
STATE	FEMALE	35547	35693	36623	37496	36954	321247	321281	328238	336466	331509
STATE	ALL	103213	104371	107438	109695	108655	1185234	1198560	1235160	1262830	1245560

**APPENDIX TABLE F-9**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR SLEDDING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	3672	3639	3647	3677	3698	27524	26786	26492	26933	26816
SR1	FEMALE	3762	3699	3682	3719	3700	27319	26594	26224	26548	26303
SR1	ALL	7435	7337	7330	7396	7398	54842	53379	52716	53480	53118
SR2	MALE	7261	7251	7398	7622	7466	58596	57537	57208	58717	57592
SR2	FEMALE	5705	5648	5689	5806	5712	45222	44714	44960	45880	45135
SR2	ALL	12966	12900	13087	13428	13179	103818	102251	102168	104597	102727
SR3	MALE	3579	3573	3713	3936	3587	40779	40172	41365	44571	41690
SR3	FEMALE	2261	2258	2343	2476	2265	16630	16580	17233	18352	16704
SR3	ALL	5839	5831	6056	6411	5852	57409	56752	58598	62923	58394
SR4	MALE	8636	8828	9076	9225	8278	69094	69896	71059	72036	64804
SR4	FEMALE	6995	7023	7155	7265	6789	45888	45577	45776	46379	43424
SR4	ALL	15632	15851	16231	16489	15067	114982	115473	116836	118415	108228
SR5	MALE	8675	8692	8827	8917	8663	58016	57664	57965	58647	56860
SR5	FEMALE	6308	6286	6359	6445	6258	29709	29310	29305	29714	28814
SR5	ALL	14983	14978	15186	15362	14921	87724	86974	87270	88361	85674
SR6	MALE	4690	4604	4502	4425	4298	34349	33667	32917	32416	31509
SR6	FEMALE	3367	3289	3210	3177	3078	25813	25089	24381	24179	23419
SR6	ALL	8057	7893	7712	7602	7375	60162	58756	57298	56594	54928
SR7	MALE	10001	10125	10814	11614	12347	68215	68359	72048	77585	82170
SR7	FEMALE	7610	7659	8103	8711	9153	60011	59583	61813	66637	69928
SR7	ALL	17610	17784	18917	20326	21500	128226	127942	133861	144222	152098
SR8	MALE	4524	4465	4429	4403	4372	27025	26200	25478	25510	25211
SR8	FEMALE	3639	3595	3607	3641	3581	23943	23288	22941	23188	22862
SR8	ALL	8164	8060	8036	8074	7953	50967	49487	48418	48698	48073
STATE	MALE	51154	51287	52505	53915	52676	375543	372057	375863	386651	378566
STATE	FEMALE	39138	38975	39715	40847	40042	270240	266556	268532	276556	271518
STATE	ALL	90291	90263	92220	94762	92713	645783	638613	644395	663207	650084

**APPENDIX TABLE F-10**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR ICE SKATING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2206	2178	2165	2168	2159	21161	20938	20892	20982	21008
SR1	FEMALE	2662	2608	2588	2516	2599	29260	28274	27677	28070	27723
SR1	ALL	4868	4786	4753	4784	4758	50421	49212	48569	49052	48732
SR2	MALE	8733	8848	9220	9524	9254	57914	57931	59265	61067	59383
SR2	FEMALE	7123	7104	7220	7373	7280	54359	53453	53345	54383	53579
SR2	ALL	15855	15952	16441	16897	16534	112273	111384	112610	115450	112962
SR3	MALE	2697	2678	2768	2946	2726	29018	28708	29681	31883	29484
SR3	FEMALE	2365	2343	2417	2586	2398	34392	33691	34321	37063	35443
SR3	ALL	5062	5021	5185	5533	5124	63410	62399	64002	68946	64927
SR4	MALE	8151	8314	8520	8656	7884	120907	122328	124321	126023	114033
SR4	FEMALE	6906	6927	7050	7157	6691	75311	74516	74457	75376	70661
SR4	ALL	15056	15242	15570	15813	14575	196219	196844	198778	201399	184694
SR5	MALE	6761	6773	6861	6921	6788	65202	64747	64875	65547	63985
SR5	FEMALE	6544	6561	6886	6770	6571	53480	53152	53581	54126	52585
SR5	ALL	13305	13334	13748	13690	13359	118682	117899	118456	119673	116569
SR6	MALE	2992	2932	2843	2768	2673	28967	28375	27451	26655	25704
SR6	FEMALE	3245	3172	3084	3023	2918	21166	20504	19796	19521	18840
SR6	ALL	6237	6104	5926	5790	5591	50132	48879	47247	46176	44543
SR7	MALE	6430	6551	7052	7562	8058	42680	43171	46181	49739	52991
SR7	FEMALE	7856	7905	8355	8974	9427	45169	45120	47209	50812	53349
SR7	ALL	14286	14457	15408	16536	17484	87850	88291	93390	100551	106340
SR8	MALE	3100	3039	2973	2960	2922	24517	23631	22661	22539	22282
SR8	FEMALE	2904	2832	2795	2821	2780	16632	16013	15581	15760	15565
SR8	ALL	6004	5871	5768	5781	5703	41149	39644	38243	38300	37847
STATE	MALE	39845	40048	41042	42065	41271	369345	368140	374045	384037	376626
STATE	FEMALE	38886	38730	39452	40526	39780	312561	307698	309124	318123	312795
STATE	ALL	78731	78778	80495	82590	81051	681905	675838	683169	702160	689421



**APPENDIX TABLE F-11**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR HOCKEY**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	238	240	235	227	227	1273	1322	1367	1347	1388
SR1 ● ↓	FEMALE	.	.	.	.	.	.	.	.	.	.
SR1 ▲	ALL	238	240	235	227	227	1273	1322	1367	1347	1388
SR2 ▲	MALE	1460	1453	1474	1517	1513	17019	16623	16381	16794	16634
SR2 ▲	FEMALE	519	521	531	545	570	1209	1211	1226	1260	1361
SR2 ▲	ALL	1979	1974	2005	2063	2083	18229	17834	17607	18054	17995
SR3 ▲	MALE	1084	1070	1100	1178	1106	20943	20472	20903	22617	21650
SR3 ▲	FEMALE	68	72	80	92	62	68	72	80	82	62
SR3 ▲	ALL	1152	1142	1180	1260	1168	21012	20544	20984	22698	21712
SR4 ▲	MALE	3933	4019	4119	4186	3903	62202	62802	63569	64406	59651
SR4 ▲	FEMALE	1225	1253	1306	1330	1257	21770	21603	21666	21944	20642
SR4 ▲	ALL	5158	5272	5424	5516	5160	83971	84406	85235	86350	80293
SR5 ▲	MALE	1608	1604	1613	1626	1610	27172	26844	26716	27027	26428
SR5 ▲	FEMALE	352	362	332	358	374	2145	2192	2290	2324	2242
SR5 ▲	ALL	1959	1966	1995	2014	1984	29317	29037	29007	29351	28670
SR6 ▲	MALE	750	715	678	666	643	26896	26104	25327	25021	24317
SR6 ▲	FEMALE	129	122	114	109	103	344	324	301	293	278
SR6 ▲	ALL	880	838	792	775	746	27240	26429	25629	25313	24595
SR7 ▲	MALE	947	942	978	1049	1102	13406	13317	13825	14874	15649
SR7 ▲	FEMALE	391	359	426	454	477	3364	3460	3775	4045	4258
SR7 ▲	ALL	1338	1341	1404	1503	1579	16770	16778	17600	18919	19908
SR8 ▲	MALE	152	145	131	126	124	1380	1310	1192	1147	1133
SR8 ● -	FEMALE	.	.	.	.	.	.	.	.	.	.
SR8 ▲	ALL	152	145	131	126	124	1380	1310	1192	1147	1133
STATE ▲	MALE	9174	9135	9242	9466	9375	161534	159613	160575	165073	162242
STATE ▲	FEMALE	2453	2484	2568	2622	2593	25952	25850	26324	27048	26568
STATE ▲	ALL	11627	11619	11810	12088	11968	187486	185463	186898	192122	188810

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE F-12  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR FISHING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	6675	6660	6598	6476	6383	44070	43972	43427	42542	42051
SR1	FEMALE	4386	4367	4342	4301	4252	23702	23791	23788	23503	23300
SR1	ALL	11061	11027	10940	10776	10635	67773	67763	67215	66045	65352
SR2	MALE	22911	23189	23941	24622	25290	182794	184500	189286	194334	202997
SR2	FEMALE	12813	12910	13257	13537	13690	107236	108813	112695	114890	116132
SR2	ALL	35724	36099	37198	38159	38980	290029	293314	301981	309225	319129
SR3	MALE	8137	8158	8297	8410	8107	45670	45852	46389	46488	45400
SR3	FEMALE	5540	5587	5771	5877	5470	22378	22539	23010	22987	22135
SR3	ALL	13678	13745	14068	14287	13577	68048	68392	69399	69475	67536
SR4	MALE	14805	15094	15311	15562	15981	63390	64368	64836	65830	69776
SR4	FEMALE	8446	8596	8887	9031	8767	35940	36502	37597	38176	37600
SR4	ALL	23251	23690	24198	24592	24749	99330	100870	102433	104005	107376
SR5	MALE	9787	9897	10102	10135	10075	67682	68192	68944	68901	69346
SR5	FEMALE	4903	4958	5086	5117	5020	25957	26201	26690	26723	26591
SR5	ALL	14689	14855	15188	15252	15095	93639	94393	95634	95624	95937
SR6	MALE	13533	13335	12870	12352	11840	91332	90281	87411	83931	80471
SR6	FEMALE	8046	7968	7797	7539	7253	39992	40010	39475	37838	36577
SR6	ALL	21579	21304	20667	19892	19093	131323	130290	126887	121770	117047
SR7	MALE	25559	26139	27917	29547	31162	191158	195498	207424	218225	228768
SR7	FEMALE	15856	16199	17340	18346	19265	97857	99475	105367	111001	116433
SR7	ALL	41415	42338	45257	47893	50427	289016	294973	312791	329226	345201
SR8	MALE	8086	8021	7934	7833	7692	55030	54536	53891	53170	52189
SR8	FEMALE	4550	4548	4595	4582	4512	24987	24999	25356	25353	24958
SR8	ALL	12637	12569	12529	12415	12204	80017	79535	79248	78523	77147
STATE	MALE	113380	114422	116641	118290	118741	781738	788493	800848	809599	818698
STATE	FEMALE	66398	66944	68785	69864	69469	387583	390961	401443	406061	405365
STATE	ALL	179778	181366	185426	188154	188210	1169321	1179455	1202291	1215660	1224064

**APPENDIX TABLE F-13**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR POWERBOATING/WATERSKIING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	1786	1785	1775	1754	1753	10477	10352	10200	10140	10113
SR1	FEMALE	1054	1063	1077	1067	1063	6763	6806	6936	6928	6937
SR1	ALL	2840	2848	2852	2821	2816	17240	17158	17136	17068	17051
SR2	MALE	11503	11660	12128	12524	12548	143475	144966	149829	154463	156278
SR2	FEMALE	8413	8503	8776	8981	9000	96362	97931	101762	103964	104050
SR2	ALL	19916	20163	20904	21505	21549	239837	242897	251591	258427	260328
SR3	MALE	6334	6355	6562	6801	6303	56134	55906	57052	58925	56480
SR3	FEMALE	4748	4814	5076	5296	4648	36705	37174	39248	41181	36002
SR3	ALL	11082	11169	11637	12097	10951	92839	93080	96300	100105	92481
SR4	MALE	4531	4714	4915	5020	4777	42425	44031	45893	46844	43321
SR4	FEMALE	4502	4529	4617	4682	4466	48498	47929	47747	48286	46162
SR4	ALL	9033	9243	9532	9702	9244	90923	91959	93640	95129	89484
SR5 ▲	MALE	2348	2389	2464	2477	2450	10464	10680	11056	11106	11012
SR5 ▲	FEMALE	1765	1783	1828	1834	1790	14783	14892	15161	14961	14759
SR5 ▲	ALL	4113	4171	4292	4311	4240	25247	25571	26217	26067	25770
SR6	MALE	4828	4789	4680	4529	4368	27388	27521	27329	26587	25774
SR6	FEMALE	3624	3545	3440	3361	3235	15723	15615	15393	15035	14524
SR6	ALL	8452	8334	8120	7890	7603	43111	43136	42722	41623	40299
SR7	MALE	11366	11662	12630	13489	14375	68977	70755	76540	81714	87022
SR7	FEMALE	375	382	403	419	439	2196	2242	2376	2481	2603
SR7	ALL	11741	12044	13032	13908	14814	71172	72997	78915	84194	89624
SR8	MALE	2764	2796	2846	2844	2796	22060	22704	23489	23475	23079
SR8	FEMALE	2363	2343	2363	2388	2347	20466	20088	19916	20031	19731
SR8	ALL	5128	5139	5209	5232	5143	42526	42792	43405	43507	42810
STATE	MALE	47445	48109	49629	50659	50035	378840	383521	394535	402453	398917
STATE	FEMALE	36470	36747	37832	38661	38152	289416	291453	300098	306564	302152
STATE	ALL	83915	84856	87462	89321	88187	668257	674975	694633	709017	701070

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE F-14  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR BEACH SWIMMING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	3197	3182	3171	3158	3163	14797	14599	14524	14604	14619
SR1	FEMALE	2750	2740	2762	2771	2766	12816	12739	12833	12870	12832
SR1	ALL	5947	5922	5933	5928	5929	27613	27338	27357	27474	27451
SR2	MALE	11767	11840	12209	12599	12390	118973	119096	121820	125585	124571
SR2	FEMALE	8649	8732	9014	9231	9149	90132	90852	93576	95813	95115
SR2	ALL	20416	20572	21223	21830	21539	209104	209948	215396	221397	219686
SR3	MALE	4240	4251	4412	4621	4224	32107	31997	33020	34722	32272
SR3	FEMALE	4249	4255	4432	4682	4240	28982	29017	30171	31785	28930
SR3	ALL	8489	8505	8844	9304	8464	61089	61014	63191	66506	61202
SR4	MALE	4764	4888	5036	5126	4730	38011	38910	39979	40667	37632
SR4	FEMALE	7049	7136	7343	7466	7032	55233	55080	55568	56323	53413
SR4	ALL	11813	12024	12379	12592	11762	93243	93991	95546	96991	91044
SR5	MALE	4165	4199	4287	4318	4255	15944	16105	16427	16509	16480
SR5	FEMALE	4098	4104	4174	4220	4105	15798	15714	15816	15919	15524
SR5	ALL	8262	8303	8461	8538	8359	31741	31819	32243	32428	32064
SR6	MALE	5348	5266	5147	5034	4879	24692	24240	23617	23094	22365
SR6	FEMALE	4899	4795	4684	4625	4478	29306	28335	27351	27068	26151
SR6	ALL	10247	10061	9831	9660	9358	53998	52575	50968	50162	48516
SR7	MALE	9760	9961	10718	11466	12198	49088	49982	53575	57299	60862
SR7	FEMALE	9586	9737	10404	11122	11691	58822	59387	63005	67556	70986
SR7	ALL	19346	19698	21122	22588	23889	107910	109369	116580	124855	131848
SR8	MALE	2662	2647	2651	2655	2617	13750	13879	14114	14136	13918
SR8	FEMALE	2602	2539	2504	2523	2487	9224	8897	8641	8704	8598
SR8	ALL	5265	5186	5155	5178	5104	22973	22776	22755	22840	22516
STATE	MALE	47171	47555	48878	50067	49191	300957	302066	308725	316218	311687
STATE	FEMALE	44237	44377	45556	46737	45894	295412	294844	300787	308658	303567
STATE	ALL	91409	91933	94435	96804	95084	596369	596910	609512	624876	615254

APPENDIX TABLE F-15  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2079	2026	2002	2030	2022	34292	33349	33010	33617	33475
SR1	FEMALE	2340	2281	2246	2268	2244	27939	26962	26352	26731	26382
SR1	ALL	4420	4307	4249	4298	4266	62230	60311	59362	60348	59857
SR2	MALE	7731	7715	7868	8104	7858	72070	70883	70687	72573	70685
SR2	FEMALE	7192	7149	7235	7391	7313	92725	90423	89134	90825	90459
SR2	ALL	14924	14864	15102	15495	15172	164795	161306	159821	163398	161144
SR3	MALE	4870	4873	5080	5389	4866	83389	83803	87871	93227	82771
SR3	FEMALE	4286	4268	4423	4702	4313	57764	57357	59328	63356	58375
SR3	ALL	9156	9140	9502	10091	9179	141154	141160	147199	156584	141146
SR4	MALE	7421	7443	7476	7564	7052	74869	74589	74319	75050	70611
SR4	FEMALE	7987	8017	8163	8286	7793	111521	109919	109220	110463	104146
SR4	ALL	15408	15460	15639	15850	14845	186390	184508	183539	185512	174757
SR5	MALE	8153	8069	8043	8128	7970	117047	115199	114089	115501	112816
SR5	FEMALE	8131	8055	8088	8187	7960	125085	123627	123853	125426	121682
SR5	ALL	16284	16124	16130	16315	15930	242132	238826	237942	240927	234498
SR6	MALE	7257	7058	6826	6695	6484	76244	72777	69157	67989	65688
SR6	FEMALE	6151	6018	5867	5775	5584	73887	71251	68578	67861	65515
SR6	ALL	13408	13076	12693	12470	12068	150130	144029	137735	135850	131203
SR7	MALE	7675	7717	8142	8735	9236	102727	101595	104726	112680	118218
SR7	FEMALE	8125	8207	8719	9358	9835	98235	97603	101235	108938	114305
SR7	ALL	15800	15924	16861	18093	19071	200961	199198	205961	221618	232523
SR8	MALE	3404	3341	3308	3326	3284	32663	31542	30707	30909	30570
SR8	FEMALE	2837	2792	2787	2814	2770	45883	44078	42739	43204	42688
SR8	ALL	6240	6133	6096	6140	6054	78546	75619	73447	74113	73258
STATE	MALE	48903	48615	49239	50573	49686	597591	587682	587930	604790	595355
STATE	FEMALE	47010	46762	47545	48849	47997	626447	615102	615469	633276	624135
STATE	ALL	95913	95377	96783	99423	97683	1224038	1202785	1203399	1238066	1219490

APPENDIX TABLE F-16  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR PICNICKING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	5895	5875	5846	5772	5704	19690	19648	19599	19404	19261
SR1	FEMALE	5557	5524	5516	5490	5444	19488	19367	19322	19265	19116
SR1	ALL	11452	11399	11362	11263	11148	39178	39015	38920	38669	38398
SR2	MALE	14947	15066	15501	15941	15992	55719	55850	57081	58687	58354
SR2	FEMALE	13002	13133	13534	13765	13789	54305	54412	55561	56613	56399
SR2	ALL	27949	28199	29034	29706	29781	110024	110262	112642	115300	114753
SR3	MALE	6913	6926	7060	7184	6893	21593	21588	22007	22491	21602
SR3	FEMALE	7120	7200	7504	7714	6999	24249	24557	25530	25956	23786
SR3	ALL	14033	14126	14565	14898	13892	45842	46145	47536	48487	45388
SR4	MALE	15531	15886	16243	16501	15974	49031	49962	50921	51677	49484
SR4	FEMALE	13140	13351	13763	13959	13680	57681	57514	57932	58635	56654
SR4	ALL	28671	29237	30006	30460	29654	106712	107476	108853	110312	106139
SR5	MALE	15721	15823	16062	16133	15997	43990	44490	45465	45648	45148
SR5	FEMALE	14367	14496	14810	14905	14664	39227	39630	40502	40771	40321
SR5	ALL	30087	30319	30880	31038	30660	83216	84120	85971	86419	85468
SR6	MALE	13913	13712	13289	12827	12335	52534	52106	50927	49315	47563
SR6	FEMALE	11720	11582	11335	11016	10612	38503	38078	37305	36275	34968
SR6	ALL	25633	25294	24623	23842	22947	91037	90184	88232	85590	82531
SR7	MALE	19028	19477	20887	22176	23467	74709	76427	82092	87383	92654
SR7	FEMALE	16494	16876	18125	19214	20189	73031	74430	79639	84697	89000
SR7	ALL	35522	36353	39012	41390	43656	147741	150856	161731	172080	181654
SR8	MALE	7203	7172	7134	7084	6973	26011	25803	25579	25419	25035
SR8	FEMALE	5985	5978	6024	6016	5918	19940	19926	20142	20157	19826
SR8	ALL	13188	13150	13157	13099	12890	45951	45729	45721	45576	44861
STATE	MALE	101441	102386	104716	106531	106082	357594	361094	370098	377095	373928
STATE	FEMALE	88659	89451	92093	93712	92885	330587	332415	341134	347818	344259
STATE	ALL	190100	191838	196810	200242	198967	688181	693509	711232	724914	718187

APPENDIX TABLE F-17  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF JAYS USING AGE/SEX COHORTS FOR CAMPING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	4385	4374	4334	4275	4261	27279	26969	26367	25950	25728
SR1	FEMALE	3380	3387	3388	3364	3343	15890	16036	16219	16143	16134
SR1	ALL	7765	7760	7722	7640	7604	43169	43005	42586	42094	41862
SR2	MALE	16220	16427	17049	17581	17560	111493	113056	117591	121352	121278
SR2	FEMALE	11413	11562	11567	12229	12237	101822	103105	106755	109156	108544
SR2	ALL	27633	27989	29016	29810	29798	213314	216162	224346	230507	229822
SR3	MALE	5353	5379	5528	5664	5314	30458	30458	31113	31914	30460
SR3	FEMALE	5293	5351	5587	5770	5207	28882	29072	30113	30994	28595
SR3	ALL	10646	10730	11115	11435	10521	59340	59530	61226	62908	59055
SR4	MALE	7482	7703	7938	8086	7779	39438	40684	41986	42772	41316
SR4	FEMALE	7264	7364	7587	7714	7338	43010	43314	44276	44971	42418
SR4	ALL	14745	15067	15525	15800	15117	82448	83999	86262	87744	83734
SR5	MALE	7442	7495	7618	7658	7615	33291	33476	33861	33977	34153
SR5	FEMALE	5944	5974	6082	6131	6021	28306	28257	28443	28618	28390
SR5	ALL	13386	13469	13700	13789	13636	61597	61733	62304	62594	62543
SR6	MALE	7611	7519	7338	7126	6884	35670	35042	33871	32708	31466
SR6	FEMALE	5868	5809	5702	5556	5361	29062	28875	28358	27453	26433
SR6	ALL	13479	13328	13040	12682	12245	64732	63917	62230	60161	57901
SR7	MALE	17158	17565	18924	20174	21434	105505	107673	114945	122074	128960
SR7	FEMALE	13741	14061	15139	16099	16921	74980	76633	82125	86982	91369
SR7	ALL	30898	31626	34063	36273	38355	180485	184306	197070	209056	220330
SR8	MALE	5984	5994	6036	6029	5936	31900	32119	32530	32439	31863
SR8	FEMALE	5435	5445	5541	5567	5470	32268	32256	32779	32888	32360
SR8	ALL	11419	11440	11577	11596	11405	64168	64376	65309	65328	64243
STATE	MALE	74599	75490	77647	79221	78413	428427	432824	443445	451680	450051
STATE	FEMALE	59835	60431	62386	63063	62821	355515	358536	369407	376674	372159
STATE	ALL	134434	135920	140034	142884	141234	783942	791360	812853	828353	822211

APPENDIX TABLE F-18  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	4843	4825	4793	4727	4669	12767	12688	12573	12403	12222
SR1	FEMALE	3578	3578	3566	3521	3483	9550	9556	9547	9425	9327
SR1	ALL	8422	8403	8359	8248	8151	22316	22244	22120	21828	21549
SR2	MALE	7976	8086	8371	8612	8795	18863	19117	19780	20367	21053
SR2	FEMALE	7949	8025	8262	8417	8466	22014	22142	22690	23080	23178
SR2	ALL	15925	16111	16633	17029	17261	40877	41259	42470	43447	44231
SR3	MALE	3229	3234	3265	3276	3223	6541	6607	6705	6674	6444
SR3	FEMALE	2584	2615	2693	2697	2537	4360	4404	4505	4472	4294
SR3	ALL	5813	5848	5958	5972	5760	10901	11010	11209	11146	10738
SR4	MALE	8290	8498	8731	8874	8318	17604	18241	18971	19336	17897
SR4	FEMALE	7100	7235	7488	7592	7419	15171	15494	16075	16329	16002
SR4	ALL	15390	15734	16219	16466	15737	32775	33735	35047	35665	33899
SR5	MALE	7556	7615	7722	7737	7745	15895	15967	16080	16080	16200
SR5	FEMALE	5661	5711	5823	5842	5783	10741	10817	10983	11014	10980
SR5	ALL	13217	13326	13545	13580	13528	26636	26784	27064	27094	27180
SR6	MALE	5310	5251	5082	4873	4671	11848	11671	11191	10647	10148
SR6	FEMALE	5424	5374	5268	5092	4919	13622	13429	13057	12541	12066
SR6	ALL	10733	10625	10351	9965	9590	25470	25100	24248	23188	22214
SR7	MALE	11188	11401	12113	12829	13506	30039	30513	32266	34137	35852
SR7	FEMALE	9717	9896	10529	11122	11674	29013	29654	31704	33426	35072
SR7	ALL	20905	21297	22643	23951	25180	59052	60167	63970	67563	70924
SR8	MALE	3748	3732	3694	3643	3580	8359	8306	8168	7994	7838
SR8	FEMALE	3735	3747	3793	3782	3720	8110	8113	8205	8197	8065
SR8	ALL	7483	7479	7487	7425	7300	16469	16420	16373	16190	15902
STATE	MALE	52588	53115	54235	55029	55101	123553	124632	126838	128411	128987
STATE	FEMALE	46272	46656	47942	48597	48359	115499	116325	119379	120845	120347
STATE	ALL	98860	99771	102177	103626	103461	239052	240957	246217	249257	249334



APPENDIX TABLE F-19  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR BICYCLING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	1429	1425	1439	1450	1464	19471	19366	19515	19690	19861
SR1	FEMALE	1525	1529	1550	1558	1563	19512	19249	19231	19404	19332
SR1	ALL	2955	2954	2989	3008	3027	38983	38614	38746	39094	39193
SR2	MALE	5986	6069	6334	6546	6349	142983	143310	147084	151635	146991
SR2	FEMALE	6486	6529	6712	6864	6810	187888	187065	189607	193703	192474
SR2	ALL	12472	12598	13046	13410	13159	330872	330375	336691	345338	339464
SR3	MALE	3260	3281	3426	3596	3229	152322	153674	161837	171472	150257
SR3	FEMALE	3242	3249	3383	3564	3232	92015	92851	97763	803093	90763
SR3	ALL	6502	6529	6809	7160	6460	244337	246525	259599	274564	241060
SR4	MALE	8273	8491	8746	8901	8267	242366	248710	256179	260668	240978
SR4	FEMALE	7677	7852	8184	8336	7886	151419	154314	160004	162821	155332
SR4	ALL	15949	16343	16930	17237	16153	393786	403024	416183	423489	396310
SR5	MALE	10963	10997	11130	11200	11070	282626	282852	285907	288155	282853
SR5	FEMALE	9012	9107	9341	9446	9256	199570	201724	207292	209860	204611
SR5	ALL	19975	20104	20471	20646	20326	482195	484575	493198	498014	487463
SR6	MALE	5312	5249	5172	5095	4957	108123	105324	101946	99944	96640
SR6	FEMALE	4830	4811	4769	4678	4536	88764	88035	86691	84731	81854
SR6	ALL	10142	10059	9941	9773	9493	196887	193359	188637	184675	178493
SR7	MALE	6470	6594	7070	7552	8018	151576	152461	161533	173848	184447
SR7	FEMALE	6652	6762	7243	7754	8153	186381	187766	199039	214147	225048
SR7	ALL	13122	13357	14313	15307	16171	337957	340227	360572	387996	409496
SR8	MALE	2934	2897	2876	2874	2833	68627	66481	64684	64791	64005
SR8	FEMALE	2744	2716	2726	2746	2700	56912	55595	54764	55058	54279
SR8	ALL	5678	5613	5601	5620	5533	125538	122075	119448	119850	118287
STATE	MALE	44688	45050	46271	47349	46535	1137485	1138282	1160978	1190179	1166241
STATE	FEMALE	41671	42047	43441	44516	43708	977204	980099	1005655	1031668	1013589
STATE	ALL	86359	87097	89712	91866	90244	2114688	2118381	2166633	2221847	2179830

**APPENDIX TABLE F-20**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR BASEBALL/SOFTBALL**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2996	2976	2981	2990	2995	38593	37498	36869	37331	37039
SR1	FEMALE	783	802	830	830	840	4051	4164	4323	4320	4374
SR1	ALL	3778	3778	3811	3821	3639	42644	41662	41192	41652	41412
SR2	MALE	7610	7642	7856	8094	7894	93324	93389	95514	98405	96526
SR2	FEMALE	3820	3889	4057	4159	4117	43475	44088	45759	46890	46511
SR2	ALL	11430	11531	11913	12254	12011	136799	137477	141273	145295	143037
SR3	MALE	2397	2441	2578	2686	2330	27942	27866	28854	30534	28057
SR3	FEMALE	1392	1389	1439	1519	1396	8668	8651	8923	9348	8694
SR3	ALL	3789	3831	4017	4205	3726	36610	36516	37777	39883	36751
SR4	MALE	6317	6531	6779	6906	6365	59138	61231	63722	64969	59220
SR4	FEMALE	3202	3298	3463	3529	3412	26296	27007	28276	28815	27455
SR4	ALL	9518	9829	10242	10435	9777	85434	88238	91999	93784	86676
SR5	MALE	11763	11881	12159	12241	11989	147109	148713	152828	154202	149399
SR5	FEMALE	5650	5685	5796	5850	5745	48326	48409	49175	49691	48556
SR5	ALL	17413	17566	17955	18091	17735	195435	197122	202004	203893	197955
SR6	MALE	6609	6549	6433	6279	6085	85534	84067	82147	80516	78105
SR6	FEMALE	2660	2630	2588	2540	2460	26929	26454	25916	25552	24743
SR6	ALL	9268	9179	9021	8819	8545	112463	110521	108063	106068	102848
SR7	MALE	7453	7623	8204	8748	9293	87959	90131	97751	104736	111868
SR7	FEMALE	4634	4748	5133	5478	5762	46991	47761	51159	54805	57624
SR7	ALL	12087	12371	13337	14226	15055	134950	137892	148910	159541	169491
SR8	MALE	1588	1623	1662	1654	1625	13613	13833	14024	13921	13695
SR8	FEMALE	932	915	909	916	902	2969	2872	2814	2848	2810
SR8	ALL	2521	2538	2571	2570	2527	16582	16705	16837	16769	16505
STATE	MALE	47617	48231	49814	50954	49939	569325	574290	591592	606672	592651
STATE	FEMALE	23419	23688	24530	25110	24677	212433	213878	220463	226046	221888
STATE	ALL	71036	71919	74345	76064	74616	781758	788169	812055	832719	814539

APPENDIX TABLE F-21  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR GOLF  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	2708	2693	2661	2625	2610	41107	40674	39734	38867	38109
SR1	FEMALE	1331	1329	1332	1330	1324	9436	9542	9647	9580	9568
SR1	ALL	4039	4022	3993	3955	3934	50543	50215	49381	48446	47677
SR2	MALE	5757	5867	6139	6340	6392	75995	77165	80066	82381	83994
SR2	FEMALE	1782	1810	1878	1920	1923	11502	11772	12316	12647	12944
SR2	ALL	7539	7676	8018	8260	8315	87497	88937	92383	95029	96937
SR3	MALE	3276	3303	3387	3429	3237	48432	48156	47945	47578	48851
SR3	FEMALE	1411	1430	1499	1546	1381	14963	15129	15430	15235	14714
SR3	ALL	4687	4733	4886	4976	4618	63395	63285	63375	62813	63564
SR4	MALE	7512	7777	8024	8184	8286	117284	120678	123367	125560	131142
SR4	FEMALE	2584	2656	2769	2816	2893	20207	20455	20717	20925	24168
SR4	ALL	10096	10433	10793	10999	11180	137491	141133	144084	146485	155310
SR5	MALE	10981	11128	11358	11371	11439	145298	145640	145419	144962	150186
SR5	FEMALE	4161	4230	4335	4321	4326	43492	44315	45328	45123	45831
SR5	ALL	15142	15358	15694	15692	15764	188790	189954	190747	190085	196017
SR6	MALE	5073	5034	4873	4648	4448	75822	74367	70198	65629	61908
SR6	FEMALE	1696	1699	1673	1596	1535	25432	25600	25196	23514	22749
SR6	ALL	6769	6733	6545	6243	5983	101254	99967	95395	89143	84657
SR7	MALE	5019	5142	5476	5770	6063	112689	114545	120414	126588	132149
SR7	FEMALE	2711	2771	2940	3066	3215	37988	38952	41434	43115	45210
SR7	ALL	7730	7913	8416	8836	9278	150677	153497	161847	169703	177359
SR8	MALE	1885	1910	1924	1898	1864	32757	33232	33414	32900	32317
SR8	FEMALE	551	558	562	554	544	15966	16129	15932	15409	15177
SR8	ALL	2436	2468	2486	2452	2408	48723	49361	49346	48309	47494
STATE	MALE	41412	42107	43264	43851	44108	641233	646579	653742	658563	675110
STATE	FEMALE	15847	16095	16622	16799	16818	184876	187805	192893	192786	196082
STATE	ALL	57259	58201	59886	60650	60926	826109	834384	846634	851350	871192

APPENDIX TABLE F-22  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR TENNIS  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1	MALE	1192	1189	1193	1195	1205	10660	10742	10888	10864	11041
SR1	FEMALE	879	879	890	895	897	3893	3842	3841	3875	3861
SR1	ALL	2071	2068	2083	2090	2102	14554	14584	14729	14758	14902
SR2 ▲	MALE	2571	2626	2770	2867	2753	34636	35465	37564	38850	37222
SR2 ▲	FEMALE	1705	1698	1720	1758	1751	20722	20819	21300	21830	22206
SR2 ▲	ALL	4276	4323	4490	4625	4504	55358	56284	58864	60720	59428
SR3	MALE	1488	1493	1554	1633	1480	10499	10530	11004	11661	10454
SR3	FEMALE	1373	1371	1429	1524	1376	8062	7984	8248	8853	8178
SR3	ALL	2861	2865	2984	3157	2857	18561	18514	19253	20514	18632
SR4 ▲	MALE	3425	3481	3543	3598	3413	47203	46338	45274	45535	44505
SR4 ▲	FEMALE	1734	1757	1810	1840	1733	9926	9988	10200	10359	9766
SR4 ▲	ALL	5158	5237	5353	5438	5146	57129	56327	55474	55894	54271
SR5	MALE	5326	5436	5643	5679	5553	70426	71152	72507	72773	72769
SR5	FEMALE	2781	2807	2882	2919	2841	25714	25892	26523	26879	26097
SR5	ALL	8107	8243	8525	8597	8394	96140	97044	99030	99652	98867
SR6 ▲	MALE	1619	1624	1605	1555	1504	11825	11820	11720	11455	11130
SR6 ▲	FEMALE	1485	1465	1442	1421	1377	17978	17316	16655	16501	15935
SR6 ▲	ALL	3104	3089	3046	2975	2881	29803	29136	28375	27956	27065
SR7 ▲	MALE	2448	2505	2706	2894	3083	23835	24722	27360	29380	31658
SR7 ▲	FEMALE	1708	1758	1916	2050	2158	23098	23828	26108	27987	29474
SR7 ▲	ALL	4156	4263	4622	4944	5241	46933	48550	53468	57366	61132
SR8 ▲	MALE	920	928	943	945	931	18521	17802	17224	17322	17139
SR8 ▲	FEMALE	1001	969	947	955	943	14739	14029	13240	13189	13079
SR8 ▲	ALL	1921	1896	1890	1901	1874	33260	31831	30464	30511	30218
STATE ▲	MALE	18665	18995	19740	20210	19780	220448	222587	229202	234731	230350
STATE ▲	FEMALE	12697	12762	13139	13490	13219	130461	130382	133111	136505	134457
STATE ▲	ALL	31362	31756	32879	33700	32999	350909	352969	362313	371237	364808

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE F-23  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR JOGGING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	555	579	605	595	606	10655	11113	11592	11359	11464
SR1 ▲	FEMALE	340	349	356	351	351	10847	11140	11379	11220	11246
SR1 ▲	ALL	895	928	961	945	957	21502	22253	22971	22579	22710
SR2 ▲	MALE	1955	2013	2126	2193	2111	61646	63505	67328	69358	68179
SR2 ▲	FEMALE	2025	2034	2083	2119	2100	68795	69843	72504	73657	72931
SR2 ▲	ALL	3980	4047	4209	4311	4210	130442	133348	139833	143014	141110
SR3 ▲	MALE	917	945	1010	1044	874	15786	15895	16509	17131	15623
SR3 ▲	FEMALE	147	143	141	145	152	1746	1702	1663	1689	1812
SR3 ▲	ALL	1064	1088	1151	1189	1026	17532	17597	18172	18820	17435
SR4 ▲	MALE	2116	2179	2252	2294	2121	83135	87185	91905	94049	86186
SR4 ▲	FEMALE	2239	2322	2461	2513	2388	60142	63504	68877	70583	65146
SR4 ▲	ALL	4355	4501	4714	4807	4509	143277	150689	160782	164632	151332
SR5	MALE	4810	4898	5061	5088	5004	117702	119832	123531	123938	122650
SR5	FEMALE	2296	2330	2403	2430	2379	54632	55770	57742	58289	57511
SR5	ALL	7106	7228	7464	7518	7383	172334	175602	181273	182227	180162
SR6 ▲	MALE	1771	1769	1753	1715	1666	33554	33559	33167	32252	31236
SR6 ▲	FEMALE	1451	1436	1412	1381	1334	15169	15217	15136	14755	14274
SR6 ▲	ALL	3222	3205	3165	3096	3000	48723	48776	48304	47007	45510
SR7 ▲	MALE	3412	3521	3849	4113	4401	121779	126268	138237	146985	156920
SR7 ▲	FEMALE	2045	2124	2345	2506	2640	43138	45045	50126	53587	56487
SR7 ▲	ALL	5457	5645	6194	6620	7041	164917	171313	188362	200572	213407
SR8 ▲	MALE	1038	1044	1054	1050	1032	28216	27532	26685	26177	25669
SR8 ▲	FEMALE	1118	1119	1138	1143	1124	44986	45389	46302	45935	45255
SR8 ▲	ALL	2156	2162	2192	2193	2156	73202	72922	72987	72112	70924
STATE ▲	MALE	17326	17728	18532	18949	18476	487604	499462	520900	530669	521548
STATE ▲	FEMALE	11759	11955	12456	12734	12499	289171	296310	311541	317436	311344
STATE ▲	ALL	29086	29684	30988	31683	30976	776775	795772	832441	848105	832892

▲ Less than 5 percent of the respondents participated.

**APPENDIX TABLE F-24**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR SAILING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	190	199	208	206	213	1141	1193	1248	1235	1279
SR1 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR1 ▲	ALL	190	199	208	206	213	1141	1193	1248	1235	1279
SR2 ▲	MALE	1007	1018	1056	1091	1068	11334	11448	11870	12259	12065
SR2 ▲	FEMALE	645	652	675	691	680	6225	6282	6486	6639	6537
SR2 ▲	ALL	1653	1670	1731	1782	1748	17558	17730	18356	18898	18621
SR3 ▲	MALE	357	356	365	379	359	3560	3675	3892	3945	3388
SR3 ▲	FEMALE	238	240	249	255	235	751	749	770	806	756
SR3 ▲	ALL	596	596	614	634	595	4311	4424	4662	4752	4143
SR4 ●	MALE	.	.	.	.	.	.	.	.	.	.
SR4 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR4 ●	ALL	.	.	.	.	.	.	.	.	.	.
SR5 ▲	MALE	183	185	191	193	186	183	185	191	193	186
SR5 ▲	FEMALE	104	109	116	118	114	104	109	116	118	114
SR5 ▲	ALL	287	294	308	311	300	287	294	308	311	300
SR6 ▲	MALE	227	230	233	230	226	227	230	233	230	226
SR6 ▲	FEMALE	145	144	142	141	137	145	144	142	141	137
SR6 ▲	ALL	372	374	375	371	362	372	374	375	371	362
SR7 ▲	MALE	1254	1279	1373	1467	1559	11440	11631	12528	13483	14397
SR7 ▲	FEMALE	766	793	870	928	977	8952	9160	9922	10645	11202
SR7 ▲	ALL	2020	2072	2244	2395	2535	20392	20791	22450	24127	25599
SR8 ▲	MALE	103	109	117	118	116	207	219	234	236	231
SR8 ▲	FEMALE	98	103	112	113	110	195	206	223	225	219
SR8 ▲	ALL	201	212	229	230	225	402	425	457	461	451
STATE ▲	MALE	3701	3755	3892	3988	3901	31018	31428	32555	33396	32564
STATE ▲	FEMALE	2187	2233	2340	2397	2345	18121	18343	19069	19592	19110
STATE ▲	ALL	5888	5988	6232	6385	6246	49139	49771	51624	52988	51674

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE F-25  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR CANOEING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1▲	MALE	284	286	290	287	282	379	385	394	390	369
SR1▲	FEMALE	388	388	386	383	380	572	578	586	583	583
SR1▲	ALL	672	673	676	671	662	950	964	980	973	972
SR2▲	MALE	1042	1062	1117	1155	1124	2304	2361	2500	2590	2531
SR2▲	FEMALE	329	338	356	365	359	746	750	769	787	774
SR2▲	ALL	1371	1400	1472	1520	1484	3051	3111	3270	3376	3305
SR3▲	MALE	482	488	517	547	473	1959	1948	2027	2174	1975
SR3▲	FEMALE	91	97	108	110	83	183	194	215	219	166
SR3▲	ALL	574	585	624	657	557	2142	2142	2242	2394	2141
SR4▲	MALE	1085	1123	1172	1195	1046	1986	2049	2131	2171	1907
SR4▲	FEMALE	748	748	753	769	717	1611	1606	1621	1644	1534
SR4▲	ALL	1834	1871	1930	1964	1763	3597	3655	3752	3814	3441
SR5▲	MALE	384	396	419	422	405	751	768	802	810	778
SR5●	FEMALE	.	.	.	.	.	.	.	.	.	
SR5▲	ALL	384	396	419	422	405	751	768	802	810	778
SR6▲	MALE	644	639	622	596	573	6344	6132	5755	5449	5169
SR6▲	FEMALE	606	585	562	554	534	7337	6980	6608	6518	6257
SR6▲	ALL	1249	1224	1184	1151	1107	13681	13113	12363	11967	11426
SR7▲	MALE	727	768	873	937	1020	1526	1607	1818	1953	2121
SR7▲	FEMALE	291	297	320	344	362	821	820	861	929	975
SR7▲	ALL	1018	1065	1194	1282	1382	2346	2428	2679	2881	3097
SR8▲	MALE	103	109	117	118	116	310	328	351	353	347
SR8▲	FEMALE	98	103	112	113	110	98	103	112	113	110
SR8▲	ALL	201	212	229	230	225	408	431	463	466	457
STATE▲	MALE	4692	4811	5048	5171	5021	16562	16682	17016	17333	17387
STATE▲	FEMALE	2529	2544	2622	2690	2638	13282	13060	13065	13415	13277
STATE▲	ALL	7221	7355	7670	7861	7660	29844	29742	30080	30748	30665

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE F-26  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR HIKING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	782	769	760	760	749	3018	2949	2909	2927	2856
SR1 ▲	FEMALE	453	450	442	435	427	1859	1851	1848	1845	1834
SR1 ▲	ALL	1235	1219	1202	1194	1176	4876	4800	4757	4772	4730
SR2 ▲	MALE	427	434	455	471	449	1068	1086	1138	1176	1123
SR2 ▲	FEMALE	342	360	392	404	398	684	721	784	807	796
SR2 ▲	ALL	769	795	847	874	847	1752	1807	1922	1984	1919
SR3 ▲	MALE	92	98	109	111	82	368	393	436	445	329
SR3 ▲	FEMALE	183	186	198	208	178	732	745	794	833	712
SR3 ▲	ALL	275	285	307	320	260	1100	1139	1230	1279	1041
SR4 ▲	MALE	1104	1163	1234	1264	1137	5349	5586	5878	6007	5312
SR4 ▲	FEMALE	695	728	782	801	733	2437	2583	2815	2888	2629
SR4 ▲	ALL	1799	1891	2016	2065	1870	7786	8168	8693	8895	7941
SR5 ▲	MALE	602	601	604	609	602	10311	10097	9931	10063	9822
SR5 ▲	FEMALE	860	862	874	875	861	16393	16813	17580	17742	17250
SR5 ▲	ALL	1462	1462	1478	1484	1462	26705	26909	27511	27805	27072
SR6 ▲	MALE	331	331	325	315	303	6128	6063	5803	5496	5186
SR6 ▲	FEMALE	113	112	107	97	92	288	287	276	252	242
SR6 ▲	ALL	444	443	432	411	396	6417	6350	6080	5748	5428
SR7 ▲	MALE	742	767	828	873	923	14927	15556	16843	17634	18586
SR7 ▲	FEMALE	1103	1125	1204	1280	1345	15104	15461	16547	17446	18326
SR7 ▲	ALL	1845	1892	2032	2153	2268	30031	31017	33390	35080	36912
SR8 ▲	MALE	293	300	311	313	308	585	599	622	626	616
SR8 ▲	FEMALE	571	552	536	539	532	6267	6074	5518	5144	5129
SR8 ▲	ALL	864	852	847	852	840	6853	6674	6139	5770	5745
STATE ▲	MALE	4140	4214	4369	4461	4389	46301	46820	47860	48492	48327
STATE ▲	FEMALE	4275	4320	4460	4545	4492	45451	46240	47849	48505	48482
STATE ▲	ALL	8415	8534	8829	9006	8881	91752	93059	95709	96997	96808

▲ Less than 5 percent of the respondents participated.



**APPENDIX TABLE F-27**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR HORSEBACK RIDING**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	390	379	369	368	364	823	798	759	745	729
SR1 ▲	FEMALE	296	292	286	283	279	490	480	454	438	420
SR1 ▲	ALL	686	672	655	651	642	1313	1279	1213	1183	1149
SR2 ▲	MALE	1408	1428	1490	1541	1518	9752	9845	10215	10546	10196
SR2 ▲	FEMALE	1822	1837	1894	1938	1908	24511	24194	24272	24762	24358
SR2 ▲	ALL	3230	3265	3384	3479	3426	34262	34039	34486	35308	34554
SR3 ▲	MALE	258	259	265	271	256	457	449	436	425	470
SR3 ▲	FEMALE	549	551	578	614	546	5678	5588	5733	6185	5813
SR3 ▲	ALL	807	810	844	885	802	6135	6037	6168	6609	6283
SR4 ▲	MALE	1432	1456	1490	1513	1349	20788	20884	21065	21315	19267
SR4 ▲	FEMALE	810	838	887	906	833	2429	2513	2662	2719	2498
SR4 ▲	ALL	2242	2294	2378	2419	2182	23217	23397	23726	24034	21765
SR5 ▲	MALE	1872	1888	1931	1948	1903	23867	23995	24047	23996	25156
SR5 ▲	FEMALE	946	941	951	965	933	3152	3150	3202	3249	3140
SR5 ▲	ALL	2819	2829	2882	2912	2836	27019	27145	27249	27244	28296
SR6 ▲	MALE	842	826	793	761	729	4020	3900	3739	3634	3501
SR6 ▲	FEMALE	1068	1049	1030	1019	989	16671	15711	14820	14809	14280
SR6 ▲	ALL	1910	1875	1823	1780	1718	20692	19611	18559	18443	17782
SR7 ▲	MALE	1702	1750	1900	2028	2163	14498	14946	16211	17238	18336
SR7 ▲	FEMALE	1801	1835	1975	2118	2223	20531	21076	22925	24573	25866
SR7 ▲	ALL	3503	3586	3875	4147	4391	35029	36022	39136	41811	44202
SR8 ▲	MALE	524	519	515	514	508	7443	7269	7168	7216	7129
SR8 ▲	FEMALE	312	314	318	312	309	1588	1625	1691	1657	1640
SR8 ▲	ALL	837	833	833	827	816	9031	8893	8859	8873	8770
STATE ▲	MALE	8572	8663	8917	9124	8995	78297	78945	80754	82376	82221
STATE ▲	FEMALE	7856	7901	8146	8363	8183	82588	81957	83205	85556	83886
STATE ▲	ALL	16428	16563	17064	17488	17177	160885	160903	163959	167972	166107

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE F-28  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR ARCHERY  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	285	298	312	309	320	2661	2784	2912	2880	2983
SR1 ▲	FEMALE	276	286	300	299	304	2756	2864	3001	2953	3041
SR1 ▲	ALL	561	585	612	608	624	5417	5647	5913	5873	6024
SR2 ▲	MALE	731	738	766	791	758	7690	7816	8194	8471	8088
SR2 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR2 ▲	ALL	731	738	766	791	758	7690	7816	8194	8471	8088
SR3 ●	MALE	•	•	•	•	•	•	•	•	•	
SR3 ●	FEMALE	•	•	•	•	•	•	•	•	•	
SR3 ●	ALL	•	•	•	•	•	•	•	•	•	
SR4 ▲	MALE	250	262	274	281	293	315	327	335	343	400
SR4 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR4 ▲	ALL	250	262	274	281	293	315	327	335	343	400
SR5 ▲	MALE	466	476	496	501	481	2085	2140	2248	2268	2177
SR5 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR5 ▲	ALL	466	476	496	501	481	2085	2140	2248	2268	2177
SR6 ▲	MALE	275	284	289	282	275	625	647	662	645	630
SR6 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR6 ▲	ALL	275	284	289	282	275	625	647	662	645	630
SR7 ▲	MALE	541	561	621	669	722	5111	5382	6086	6536	7100
SR7 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR7 ▲	ALL	541	561	621	669	722	5111	5382	6086	6536	7100
SR8 ▲	MALE	189	190	194	195	192	189	190	194	195	192
SR8 ▲	FEMALE	264	260	261	265	260	264	260	261	265	260
SR8 ▲	ALL	453	450	455	460	453	453	450	455	460	453
STATE ▲	MALE	2914	2995	3158	3240	3129	20538	21241	22591	23205	22235
STATE ▲	FEMALE	372	376	390	402	391	1243	1295	1392	1427	1381
STATE ▲	ALL	3286	3371	3548	3642	3520	21781	22536	23983	24632	23616

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE F-29  
 PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	380	398	416	412	426	1901	1985	2080	2058	2131
SR1 ▲	FEMALE	92	95	100	100	101	92	95	100	100	101
SR1 ▲	ALL	472	493	516	511	528	1993	2084	2180	2158	2233
SR2 ▲	MALE	1262	1299	1382	1428	1379	10666	11096	11947	12329	11776
SR2 ▲	FEMALE	191	199	213	212	211	4649	4871	5246	5315	5265
SR2 ▲	ALL	1453	1498	1595	1640	1590	15315	15967	17193	17644	17041
SR3 ▲	MALE	184	197	218	223	165	828	885	982	1002	741
SR3 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR3 ▲	ALL	184	197	218	223	165	828	885	982	1002	741
SR4 ▲	MALE	2420	2509	2618	2671	2385	24052	25028	26258	26810	23542
SR4 ▲	FEMALE	924	947	992	1012	933	4245	4362	4580	4672	4305
SR4 ▲	ALL	3345	3456	3610	3683	3318	28297	29390	30838	31482	27847
SR5 ▲	MALE	1517	1542	1585	1590	1597	6113	6178	6260	6259	6448
SR5 ▲	FEMALE	281	289	300	302	302	706	719	734	734	753
SR5 ▲	ALL	1797	1831	1885	1892	1899	6819	6897	6993	6993	7201
SR6 ▲	MALE	417	418	407	384	366	3421	3492	3492	3357	3245
SR6 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR6 ▲	ALL	417	418	407	384	366	3421	3492	3492	3357	3245
SR7 ▲	MALE	1170	1223	1359	1452	1563	23515	23709	25152	27015	28645
SR7 ▼	FEMALE	299	298	312	337	354	684	674	693	750	787
SR7 ▲	ALL	1469	1521	1671	1789	1917	24199	24383	25845	27765	29432
SR8 ▲	MALE	60	57	50	46	46	835	796	703	650	641
SR8 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR8 ▲	ALL	60	57	50	46	46	835	796	703	650	641
STATE ▲	MALE	6960	7169	7538	7700	7538	68422	69602	72249	73910	72407
STATE ▲	FEMALE	1548	1575	1645	1680	1644	8691	8920	9415	9567	9351
STATE ▲	ALL	8508	8743	9183	9380	9182	77113	78522	81664	83477	81758

▲ Less than 5 percent of the respondents participated.

● No response.

**APPENDIX TABLE F-30**  
**PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR SOCCER**  
**BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995**

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ●	MALE	•	•	•	•	•	•	•	•	•	•
SR1 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR1 ●	ALL	•	•	•	•	•	•	•	•	•	•
SR2 ▲	MALE	269	260	251	256	252	2872	2770	2676	2735	2690
SR2 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR2 ▲	ALL	269	260	251	256	252	2872	2770	2676	2735	2690
SR3 ●	MALE	•	•	•	•	•	•	•	•	•	•
SR3 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR3 ●	ALL	•	•	•	•	•	•	•	•	•	•
SR4 ○	MALE	•	•	•	•	•	•	•	•	•	•
SR4 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR4 ●	ALL	•	•	•	•	•	•	•	•	•	•
SR5 ▲	MALE	319	310	299	301	306	2824	2745	2659	2650	2679
SR5 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR5 ▲	ALL	319	310	299	301	306	2824	2745	2659	2650	2679
SR6 ▲	MALE	379	372	365	361	351	8938	8832	8729	8630	8419
SR6 ▲	FEMALE	434	431	427	422	410	7012	7104	7168	7049	6868
SR6 ▲	ALL	813	802	792	782	761	15950	15935	15898	15679	15286
SR7 ▲	MALE	72	71	72	78	82	2607	2548	2599	2817	2955
SR7 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR7 ▲	ALL	72	71	72	78	82	2607	2548	2599	2817	2955
SR8 ●	MALE	•	•	•	•	•	•	•	•	•	•
SR8 ●	FEMALE	•	•	•	•	•	•	•	•	•	•
SR8 ●	ALL	•	•	•	•	•	•	•	•	•	•
STATE ▲	MALE	1129	1108	1105	1136	1122	19799	19611	19824	20409	19934
STATE ▲	FEMALE	558	564	586	602	587	8886	9143	9693	9951	9655
STATE ▲	ALL	1687	1672	1690	1738	1709	28685	28755	29517	30361	29589

▲Less than 5 percent of the respondents participated.

●No response.

APPENDIX TABLE F-31  
PARTICIPATION ESTIMATES AND TOTAL NUMBER OF DAYS USING AGE/SEX COHORTS FOR HORSESHOES  
BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	SEX	TOTAL NUMBER OF PARTICIPANTS					TOTAL DAYS PARTICIPATED				
		1978	1980	1985	1990	1995	1978	1980	1985	1990	1995
SR1 ▲	MALE	365	380	397	389	393	715	744	775	756	753
SR1 ▲	FEMALE	92	95	100	100	101	367	382	400	399	406
SR1 ▲	ALL	457	476	497	489	494	1082	1126	1175	1155	1159
SR2 ▲	MALE	560	580	618	637	649	1180	1227	1315	1358	1353
SR2 ▲	FEMALE	114	120	131	135	133	228	240	261	269	265
SR2 ▲	ALL	674	700	748	771	782	1408	1467	1577	1627	1618
SR3 ▲	MALE	92	98	109	111	82	92	98	109	111	82
SR3 ▲	FEMALE	183	194	215	219	166	183	194	215	219	166
SR3 ▲	ALL	275	292	324	331	248	275	292	324	331	248
SR4 ▲	MALE	804	855	914	939	850	5236	5595	6037	6201	5310
SR4 ●	FEMALE	.	.	.	.	.	.	.	.	.	.
SR4 ▲	ALL	804	855	914	939	850	5236	5595	6037	6201	5310
SR5 ▲	MALE	665	685	722	725	697	2334	2424	2577	2590	2485
SR5 ▲	FEMALE	209	218	233	236	228	1877	1959	2097	2128	2049
SR5 ▲	ALL	873	903	954	962	925	4211	4383	4674	4718	4534
SR6 ▲	MALE	919	931	927	896	866	3715	3709	3605	3437	3279
SR6 ▲	FEMALE	67	62	59	59	56	133	125	117	117	113
SR6 ▲	ALL	986	994	986	955	923	3848	3834	3722	3554	3392
SR7 ▲	MALE	1276	1343	1488	1569	1675	10097	10231	10327	10522	10589
SR7 ▲	FEMALE	337	349	381	404	425	1739	1807	1994	2125	2239
SR7 ▲	ALL	1613	1692	1870	1973	2100	11835	12038	12321	12648	12828
SR8 ▲	MALE	384	392	395	387	378	1553	1603	1649	1632	1602
SR8 ▲	FEMALE	58	57	51	47	47	117	114	102	93	93
SR8 ▲	ALL	442	448	446	433	425	1670	1717	1751	1726	1695
STATE ▲	MALE	5482	5690	6008	6098	5995	25762	26274	26807	26888	27794
STATE ▲	FEMALE	1168	1207	1280	1307	1281	5114	5312	5679	5812	5656
STATE ▲	ALL	6649	6897	7288	7405	7276	30876	31586	32486	32700	33450

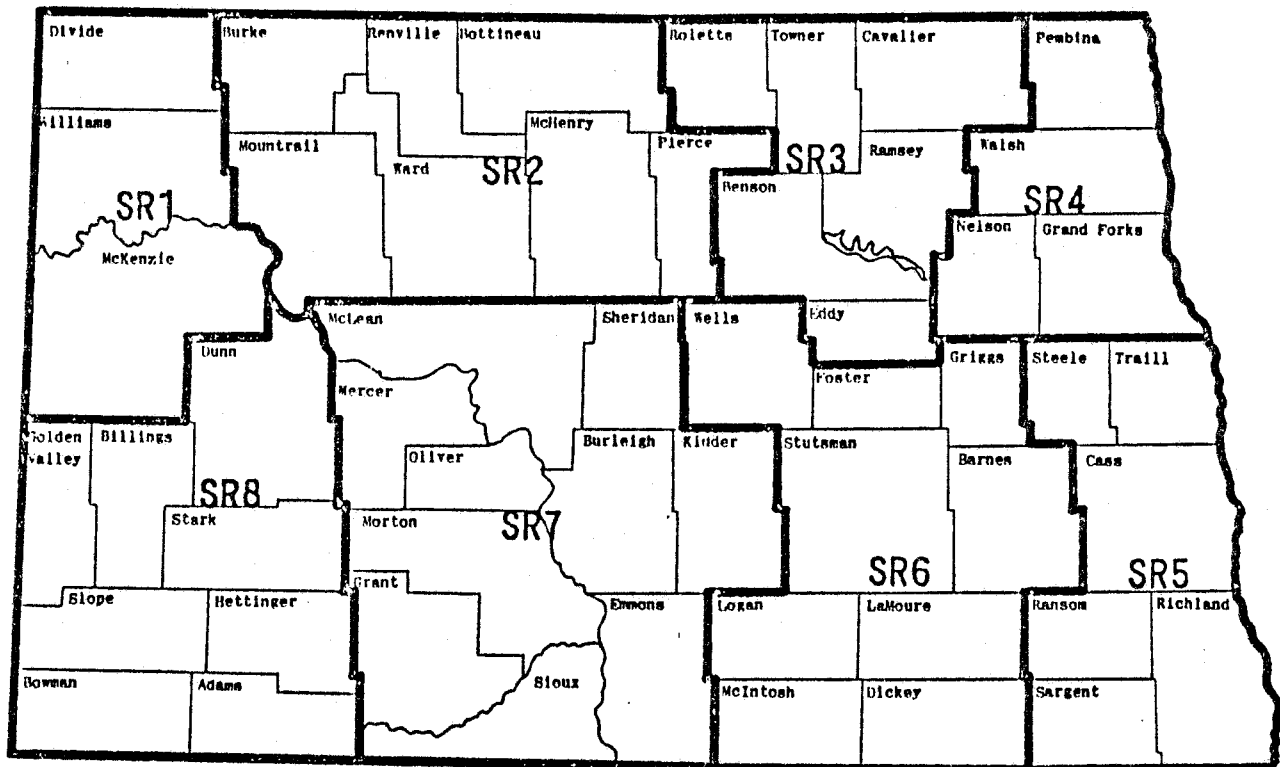
▲ Less than 5 percent of the respondents participated.

● No response.



APPENDIX G  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT APPROACHES  
FOR SELECTED ACTIVITIES, BY REGION, 1978, 1980, 1985, 1990, AND 1995

The odd numbered tables in Appendix G show a comparison of the total number of participants projected by the statistical and age/sex cohort methods, while the even numbered tables show a comparison of the total number of days of participation. For example, see Appendix Tables G-1 and G-2. The total number of upland game hunters using the statistical approach was obtained from Appendix Table D-1, while total number of days was obtained from Appendix Table D-2. Corresponding values for the age/sex cohort approach were obtained from Appendix Table F-1. The percent difference for each target year is the net difference between the projected number of participants or number of days of participation from the age/sex cohort approach and those from the statistical approach.





APPENDIX TABLE G-1  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN UPLAND GAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	6970	6559	-5.90	6962	6567	-5.67	6928	6521	-5.87	6852	6415	-6.38	6808	6381	-6.27
SR2	18387	18358	-0.16	19513	18784	-3.74	21413	19743	-7.80	22514	20359	-9.57	20631	20531	-0.48
SR3	5178	5009	-3.26	5349	5050	-5.59	5597	5181	-7.43	5878	5245	-10.77	6188	4949	-20.02
SR4	6780	7820	15.34	7054	8135	15.32	7434	8480	14.07	7658	8649	12.94	7587	8328	9.77
SR5	14872	15106	1.57	15657	15347	-1.98	17041	15774	-7.44	18004	15842	-12.01	18808	15725	-16.35
SR6	8022	8177	1.93	8273	8157	-1.40	8441	7976	-5.51	8242	7657	-7.10	8061	7360	-8.70
SR7	18339	17586	-4.11	19255	18195	-5.51	21677	19803	-8.65	24012	20991	-12.58	26443	22290	-15.71
SR8	5571	5584	0.23	5739	5641	-1.71	6098	5675	-6.94	6436	5602	-12.96	6634	5499	-17.11
STATE	83168	85521	2.83	86275	87325	1.22	92353	90527	-1.98	96784	92008	-4.93	100233	91542	-8.67

APPENDIX TABLE G-2  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN UPLAND GAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	38406	35110	-8.58	38014	35812	-5.79	37165	36511	-1.76	36197	36107	-0.25	35920	36514	1.65
SR2	128156	134002	4.56	140832	137329	-2.49	162816	144717	-11.12	178315	149379	-16.23	167680	150988	-9.95
SR3	22060	21316	-3.37	22622	21672	-4.20	23274	22464	-3.48	24145	22739	-5.82	24783	20783	-16.14
SR4	24748	28336	14.50	25624	29456	14.95	26555	30703	15.62	27067	31298	15.63	26636	29979	12.55
SR5	84324	87501	3.77	87592	89312	1.96	93916	92495	-1.51	96213	92966	-3.37	98215	91706	-6.63
SR6	44122	45962	4.17	45665	46198	1.17	46626	45675	-2.04	41324	44111	6.74	39295	42601	8.41
SR7	107653	102688	-4.61	113070	106927	-5.43	127471	117515	-7.81	141544	124701	-11.90	156108	132973	-14.82
SR8	39833	39748	-0.21	41312	40237	-2.60	44445	40466	-8.89	47425	39892	-15.88	49425	39166	-20.76
STATE	487364	508834	4.41	505674	522270	3.28	530363	545280	2.81	547757	554747	1.28	562816	548920	-2.47

APPENDIX TABLE G-3  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN WATERFOWL HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	3732	3693	-1.05	3516	3711	5.55	3589	3700	3.09	3375	3641	7.88	3289	3632	10.43
SR2	16440	19120	16.30	17022	19554	14.87	18025	20540	13.95	18699	21191	13.33	18979	21305	12.26
SR3	9404	9249	-1.65	9807	9364	-4.52	10325	9688	-6.17	10968	9863	-10.07	11543	9077	-21.36
SR4	11715	13144	12.20	13138	13638	3.81	16321	14154	-13.28	16949	14430	-14.86	16064	14211	-11.54
SR5	15841	16038	1.24	16381	16255	-0.77	17411	16658	-4.32	18426	16735	-9.18	19253	16597	-13.80
SR6	10427	10685	2.47	11163	10635	-4.73	11988	10393	-13.30	12117	10003	-17.45	12200	9625	-21.11
SR7	13289	12721	-4.27	14070	13119	-6.76	15878	14171	-10.75	17602	14985	-14.87	19374	15858	-18.15
SR8	2337	2403	2.82	2457	2441	-0.65	2698	2479	-8.12	2840	2448	-13.80	2953	2398	-18.79
STATE	84138	86471	2.77	88542	88138	-0.46	95829	91145	-4.89	100764	92616	-8.09	104706	92229	-11.92

APPENDIX TABLE G-4  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN WATERFOWL HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	25005	24600	-1.62	23422	25082	7.09	23755	25450	7.14	22282	25059	12.46	21795	25273	15.96
SR2	159957	190023	18.80	166004	194670	17.27	174275	205120	17.70	177972	211845	19.03	178146	212791	19.45
SR3	76454	74132	-3.04	79841	75084	-5.96	82872	77378	-6.63	87016	78231	-10.10	91154	72710	-20.23
SR4	69940	81429	16.43	78436	84788	8.10	97436	88497	-9.17	101188	90290	-10.77	95904	86416	-9.85
SR5	104394	108142	3.59	107954	109967	1.86	114735	113220	-1.32	121425	113683	-6.38	126879	112241	-11.54
SR6	83523	86255	3.27	89529	86002	-3.94	94256	84333	-10.53	95066	81386	-14.39	95464	78460	-17.81
SR7	82660	79189	-4.20	87778	81841	-6.76	99571	88809	-10.81	109782	94034	-14.34	121603	99745	-17.97
SR8	12876	13577	5.44	13539	13924	2.84	14864	14315	-3.69	15650	14186	-9.35	16268	13893	-14.60
STATE	624304	647274	3.68	655928	661730	0.88	707215	687037	-2.85	740492	698333	-5.69	766975	692367	-9.73

APPENDIX TABLE G-5

COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS IN BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	3351	3389	1.10	3328	3400	2.16	3221	3363	4.41	3132	3287	4.95	3260	3268	0.25
SR2	11981	12622	5.41	12058	12942	7.33	12807	13625	6.39	13272	14067	5.99	13599	14307	5.21
SR3	4031	3781	-6.20	4056	3856	-4.93	4136	3989	-3.55	4064	3989	-1.85	4081	3669	-10.10
SR4	6967	7856	12.76	7184	8174	13.78	7459	8501	13.97	7483	8685	16.06	7497	8678	15.75
SR5	9780	10186	4.15	10076	10419	3.40	10518	10804	1.75	10896	10845	-0.47	11072	10770	-2.73
SR6	6104	6315	3.46	6247	6355	1.73	6589	6266	-6.32	6641	6018	-9.38	6618	5795	-12.44
SR7	10282	9692	-5.74	10024	10081	0.57	11691	11033	-5.63	12371	11673	-5.64	13073	12399	-5.16
SR8	3234	3268	1.05	3342	3334	-0.24	3474	3385	-2.56	3793	3347	-11.76	3884	3287	-15.37
STATE	55424	57340	3.46	56820	58855	3.58	59454	61300	3.10	60976	62234	2.06	61988	61588	0.00

APPENDIX TABLE G-6

COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	14611	14716	0.72	13719	14873	8.41	11876	14868	25.19	11515	14555	26.40	11692	14551	24.45
SR2	53077	56034	5.67	53191	57439	7.99	60097	60512	0.69	62240	62464	0.36	64051	63140	-1.42
SR3	16608	15647	-5.79	16769	15988	-4.66	17135	16577	-3.26	16848	16572	-1.64	16951	15136	-10.71
SR4	34695	41108	18.18	35990	43083	20.04	37518	45275	20.68	38003	46327	21.90	38293	44675	16.67
SR5	48996	52059	6.25	49500	53413	7.91	51524	55635	7.98	51417	55835	8.59	50872	55318	8.74
SR6	29690	30135	5.94	29425	30527	3.75	31556	30388	-3.70	31211	29330	-6.03	31104	28354	-8.84
SR7	39071	36802	-5.65	38796	38557	-0.62	52995	42617	-19.58	57395	45167	-21.30	62973	48230	-23.41
SR8	12581	12778	1.57	13927	13012	-6.57	15766	13212	-16.20	17684	13092	-25.97	18764	12866	-31.43
STATE	246081	258495	5.04	252837	266383	5.36	265982	279104	4.93	274387	283711	3.40	280401	280844	0.16

APPENDIX TABLE G-7  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN NONGAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	3048	3087	1.28	3053	3113	1.97	3041	3117	2.50	2974	3059	2.96	2930	3050	4.10
SR2	7470	7933	6.20	6963	8107	16.43	7898	8529	7.99	7970	8808	10.51	8137	8704	6.57
SR3	2879	2781	-3.40	2921	2823	-3.36	3019	2916	-3.41	3015	2947	-2.26	3090	2719	-12.01
SR4 ▲	3318	4087	23.18	3540	4283	20.99	4080	4511	10.56	4311	4614	7.03	4209	4224	0.36
SR5 ▲	4884	5160	5.65	4958	5278	6.45	5757	5500	-4.46	6223	5538	-11.01	5374	5396	0.41
SR6	4924	5144	4.47	5277	5174	-1.95	5613	5133	-8.55	5591	4975	-11.02	5575	4815	-13.63
SR7	8625	8260	-4.23	8425	8601	2.09	10103	9474	-6.23	10886	10068	-7.51	11705	10746	-8.19
SR8	3412	3496	2.46	3444	3556	3.25	3473	3612	4.00	3666	3577	-2.43	3657	3512	-3.96
STATE	39191	41247	5.25	39178	42342	8.08	42414	44299	4.44	43813	45159	3.07	44347	44405	0.13

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-8  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN NONGAME HUNTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	27429	27518	0.32	27474	27959	1.77	27370	28223	3.12	26742	27739	3.73	26374	27922	5.87
SR2	53707	56159	4.57	49698	57498	15.69	55398	60578	9.35	54929	62554	13.88	55430	62256	12.31
SR3	31607	30927	-2.15	32128	31222	-2.82	33379	32151	-3.68	33560	32696	-2.57	34558	30485	-11.75
SR4 ▲	32148	40733	26.70	34305	42821	24.82	39534	45340	14.69	41774	46407	11.09	40789	41337	1.34
SR5 ▲	35700	39335	10.18	34457	40610	17.86	36815	42820	16.31	36529	43076	17.92	27525	41885	52.17
SR6	33240	35235	6.00	34908	35568	1.89	36473	35495	-2.68	35201	34532	-1.90	34442	33519	-2.68
SR7	62273	59341	-4.71	61111	62061	1.55	73989	68798	-7.02	79376	73126	-7.87	85296	78298	-8.20
SR8	31527	32367	2.66	36998	32785	-11.39	44715	33264	-25.61	47418	33105	-30.18	49925	32549	-34.80
STATE	309610	328515	6.11	307062	338246	10.16	326154	355265	8.93	330412	362327	9.66	327780	355079	8.33

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-9

COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS IN ICE FISHING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	3887	3816	-1.83	3886	3811	-1.93	3900	3786	-2.92	3827	3721	-2.77	3798	3688	-2.90
SR2	14216	14416	1.41	13780	14612	6.04	14961	15110	1.00	15427	15511	0.54	15790	15867	0.49
SR3	5178	4850	-6.33	5396	4879	-9.58	5789	4957	-14.37	5887	4959	-15.76	5966	4807	-19.43
SR4 ▲	5008	5604	11.90	5300	5791	9.26	5760	6004	4.24	5834	6119	4.89	5753	5847	1.63
SR5 ▲	4614	4721	2.32	4636	4783	3.17	4633	4887	5.48	4650	4901	5.40	4762	4877	2.41
SR6	6690	6913	3.33	6699	6905	3.08	8278	6799	-17.87	8245	6586	-20.12	8261	6358	-23.04
SR7	11632	11109	-4.50	11766	11479	-2.44	12310	12490	1.46	13073	13261	1.44	13496	14072	4.27
SR8	2276	2247	-1.27	2296	2265	-1.35	2303	2264	-1.69	2266	2226	-1.77	2228	2186	-1.89
STATE	53290	54567	2.40	54129	55490	2.51	56086	57222	2.03	57081	58091	1.77	57670	57844	0.30

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-10

COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	24915	25560	2.59	24907	25647	2.97	24999	25585	2.34	24530	25102	2.33	24348	24843	2.03
SR2	89843	89662	-0.20	89670	90932	1.41	101088	93921	-7.09	104315	96176	-7.80	107489	98178	-8.66
SR3	40339	36234	-10.18	41013	36387	-11.28	41783	36458	-12.74	40347	35718	-11.47	39366	36009	-8.53
SR4 ▲	29194	31754	8.77	27762	32078	15.55	22449	32253	43.67	27297	32333	18.45	25310	31429	24.18
SR5 ▲	26022	28201	8.37	24431	28531	16.78	23282	29058	24.81	20345	29016	42.62	25028	28565	14.13
SR6	30039	31271	4.10	30215	31471	4.16	37378	31145	-16.68	36943	30077	-18.59	36916	29033	-21.35
SR7	68399	65167	-4.73	71084	67999	-4.34	74960	75051	0.12	80077	79673	-0.50	83802	85071	1.51
SR8	9446	9339	-1.13	9526	9414	-1.18	9559	9393	-1.74	9403	9241	-1.72	9246	9084	-1.75
STATE	311211	324178	4.17	310960	330563	6.30	311689	341070	9.43	321716	344978	7.23	320693	343236	7.03

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-11  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN CROSS-COUNTRY SKIING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1 ▲	940	943	0.32	918	953	3.81	874	955	9.27	857	932	8.75	828	912	10.14
SR2 ▲	4352	4575	5.12	4539	4627	1.94	4856	4792	-1.32	5287	4935	-6.66	5559	4979	-10.43
SR3 ▲	2110	2126	0.76	2280	2176	-4.56	2521	2300	-8.77	2780	2362	-15.04	3020	2052	-32.05
SR4 ▲	5142	5594	8.79	5463	5818	6.50	6083	6105	0.36	6473	6230	-3.75	6591	6024	-8.60
SR5 ▲	8062	7839	-2.77	8621	7931	-8.00	9643	8090	-16.10	10416	8132	-21.93	11011	8165	-25.85
SR6 ▲	2314	2354	1.73	2441	2366	-3.07	2660	2352	-11.58	2668	2285	-14.36	2751	2212	-19.59
SR7 ▲	4642	4591	-1.10	5074	4709	-7.19	5954	5075	-14.76	6822	5391	-20.98	7631	5697	-25.34
SR8 ▲	1166	1134	-2.74	1474	1144	-22.39	1909	1150	-39.76	2235	1438	-49.08	2455	1120	-54.38
STATE ▲	28068	28469	1.43	30335	28987	-4.44	34361	30025	-12.62	37451	30569	-18.38	39793	30381	-23.65

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-12  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN CROSS-COUNTRY SKIING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1 ▲	5709	6550	14.73	5572	6729	20.76	5305	6899	30.05	5200	6664	28.15	5026	6397	27.28
SR2 ▲	22064	23204	5.17	22460	23547	4.84	22905	24495	6.94	25061	25254	0.77	26097	25513	-2.24
SR3 ▲	11501	11806	2.65	12428	12115	-2.52	13742	12884	-6.24	15149	13286	-12.30	16460	11341	-31.10
SR4 ▲	32859	34617	5.35	34907	36094	3.40	38745	37861	-2.28	41025	38675	-5.73	42334	38606	-8.81
SR5 ▲	51757	50566	-2.30	53783	51182	-4.84	62583	52142	-16.68	67242	52333	-22.17	71266	52975	-25.67
SR6 ▲	17284	18448	6.73	18233	18850	3.38	19871	19145	-3.65	19927	18784	-5.74	20549	18332	-10.79
SR7 ▲	35833	34286	-4.32	40381	35660	-11.69	48285	39213	-18.79	56959	41654	-26.87	65196	44269	-32.10
SR8 ▲	13377	11915	-10.93	16905	11659	-31.03	21902	11042	-49.58	25640	10666	-58.40	28165	10531	-62.61
STATE ▲	189737	192072	1.23	207567	196364	-5.40	233671	204024	-12.69	254356	207428	-18.45	270749	206730	-23.65

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-13  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
IN DOWNHILL SKIING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	1065	1037	-2.63	1470	1023	-30.41	1973	1021	-48.25	2075	1031	-50.31	2192	1031	-52.97
SR2	7746	7958	2.74	8300	8059	-2.90	9244	8368	-9.48	10131	8614	-14.97	10753	8583	-20.18
SR3	3708	3822	3.07	3859	3821	-0.98	4147	3947	-4.82	4641	4125	-11.12	4982	3823	-23.26
SR4 ▲	3566	3649	2.33	3654	3726	1.97	3783	3824	1.08	5355	3889	-27.38	5445	3762	-30.91
SR5 ▲	1448	1414	-2.35	1442	1420	-1.53	1435	1437	0.14	1418	1446	1.97	1387	1445	4.18
SR6 ▲	1621	1580	-2.53	1745	1527	-12.49	1862	1458	-21.70	2027	1419	-30.00	2108	1363	-35.34
SR7 ▲	2270	2252	-0.79	2219	2314	4.28	2622	2502	-4.58	2859	2657	-7.07	3077	2811	-8.64
SR8 ▲	421	415	-1.43	419	408	-2.63	414	403	-2.66	404	404	0.00	400	398	-0.50
STATE ▲	20630	20779	0.72	21870	20916	-4.36	23912	21432	-10.37	25589	21894	-14.44	26731	21678	-18.90

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-14  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
IN DOWNHILL SKIING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	2056	1962	-4.57	2838	1953	-31.18	3809	1967	-48.36	4005	1980	-50.56	4230	1987	-53.03
SR2	36020	36977	2.66	38593	37153	-3.73	42983	38163	-11.21	47110	39251	-16.68	50001	38895	-22.21
SR3	18801	19828	5.46	19446	19689	1.25	20835	20272	-2.70	23581	21478	-8.92	25327	20037	-20.89
SR4 ▲	16762	17977	7.25	17172	18488	7.66	17782	19070	7.24	25168	19418	-22.85	25590	18786	-26.59
SR5 ▲	4271	4079	-4.50	4255	4074	-4.25	4233	4079	-3.64	4183	4101	-1.96	4093	4174	1.98
SR6 ▲	8009	7973	-0.45	8622	7690	-10.81	9200	7395	-19.62	10014	7289	-27.21	10413	7052	-32.28
SR7 ▲	8080	8080	0.00	7900	8265	4.62	9334	8906	-4.59	10178	9508	-6.58	10954	10047	-8.28
SR8 ▲	1560	1565	0.32	1554	1540	-0.90	1536	1531	-0.33	1497	1541	2.94	1484	1518	2.29
STATE ▲	90154	90924	0.85	100110	91086	-9.01	102460	92965	-9.27	108952	95197	-12.62	112619	93956	-16.57

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-15  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN SNOWMOBILING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	5929	5823	-1.79	5974	5792	-3.05	5499	5725	4.11	5778	5655	-2.13	6716	5614	-16.41
SR2	21802	22664	3.95	21034	22892	8.83	23383	23680	1.27	24681	24382	-1.21	25484	24470	-3.98
SR3	11309	11480	1.51	11522	11539	0.15	11996	11946	-0.42	12672	12376	-2.34	13235	11392	-13.93
SR4	14400	15406	6.99	14872	15774	6.07	15348	16237	5.79	16259	16527	1.65	16223	15799	-2.61
SR5	15203	14703	-3.29	14536	14805	1.85	15824	15072	-4.75	16160	15173	-6.11	16233	15036	-7.37
SR6	10313	10352	0.38	10592	10276	-2.98	10993	10079	-8.31	11173	9789	-12.39	11204	9455	-15.61
SR7	16047	15709	-2.11	15607	16141	3.42	18303	17483	-4.48	19913	18631	-6.44	21372	19763	-7.53
SR8	8025	8063	0.47	7811	8039	2.92	7566	8050	6.40	7951	8033	1.03	8126	7901	-2.77
STATE	101470	103213	1.72	102293	104371	2.03	100810	107438	6.57	105072	109695	4.40	114968	108655	-5.49

APPENDIX TABLE G-16  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN SNOWMOBILING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	70313	68774	-2.19	81221	67522	-16.87	86886	66081	-23.95	97306	65720	-32.46	119072	64580	-45.43
SR2	270350	283133	4.73	266372	286389	7.51	308278	297073	-3.63	345371	306358	-11.30	362325	306973	-15.28
SR3	167039	172779	3.44	170381	172687	1.35	176544	178236	0.96	185740	186273	0.29	193413	172921	-10.59
SR4	142709	152820	7.09	147045	156233	6.25	151291	160306	5.96	160097	163035	1.84	160481	155989	-2.80
SR5	164651	154196	-6.35	155162	155811	0.42	167349	159594	-4.63	167559	160798	-4.03	173235	158166	-8.70
SR6	80133	80233	0.12	82341	79482	-3.47	85620	77899	-9.02	87200	75842	-13.03	87572	73315	-16.28
SR7	173469	168726	-2.73	161594	174981	8.28	192118	192611	0.26	203851	205809	0.96	213887	220296	3.00
SR8	115156	117029	1.63	112084	116907	4.30	108578	117580	8.29	114102	117718	3.17	116613	115849	-0.66
STATE	1155744	1185234	2.55	1174905	1198560	2.01	1163266	1235160	6.18	1223453	1262830	3.22	1345098	1245560	-7.40



APPENDIX TABLE G-17  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN SLEDDING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	
SR1	8000	7435	-7.06	8092	7337	-9.33	8345	7330	-12.16	8651	7396	-14.51	8852	7398	-16.43
SR2	12439	12966	4.24	12912	12900	-0.09	14262	13087	-8.24	15704	13428	-14.49	16588	13179	-20.55
SR3	5424	5839	7.65	5341	5831	9.17	5605	6056	8.05	5867	6411	9.27	6090	5852	-3.91
SR4	14877	15632	5.07	14861	15851	6.66	15679	16231	3.52	17716	16489	-6.93	17602	15067	-14.40
SR5	15387	14983	-2.63	14983	14978	-0.03	16673	15186	-8.92	17756	15362	-13.48	18205	14921	-18.04
SR6	8022	8057	0.44	8329	7893	-5.23	9163	7712	-15.84	9835	7602	-22.70	10328	7375	-28.59
SR7	17409	17610	1.15	18079	17784	-1.63	19605	18917	-3.51	21925	20326	-7.29	24213	21500	-11.20
SR8	8086	8164	0.96	8169	8060	-1.33	8616	8036	-6.73	9170	8074	-11.95	9182	7953	-13.38
STATE	88665	90291	1.83	90338	90263	-0.08	96109	92220	-4.05	103108	94762	-8.09	107099	92718	-13.43

APPENDIX TABLE G-18  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN SLEDDING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFERENCE	
SR1	58560	54842	-6.35	58711	53379	-9.08	58770	52716	-10.30	59218	53480	-9.69	55561	53118	-4.40
SR2	101873	103818	1.91	102386	102251	-0.13	107091	102168	-4.60	117634	104597	-11.08	120898	102727	-15.03
SR3	51638	57409	11.18	49389	56752	14.91	50630	58598	15.74	49332	62923	27.55	56907	58394	2.61
SR4	109497	114982	5.01	106907	115473	8.01	104075	116836	12.26	115863	118415	2.20	108074	108228	0.14
SR5	92939	87724	-5.61	89626	86974	-2.96	105822	87270	-17.53	117369	88361	-24.72	122505	85674	-30.06
SR6	60247	60162	-0.14	56759	58756	3.52	50718	57298	12.97	55196	56594	2.53	55915	54928	-1.77
SR7	125170	128226	2.44	133850	127942	-4.41	140959	133861	-5.04	157644	144222	-8.51	174092	152098	-12.63
SR8	51747	50967	-1.51	51712	49487	-4.30	51169	48418	-5.38	53129	48698	-8.34	52109	48073	-7.75
STATE	641935	645783	0.60	642927	638613	-0.67	659927	644395	-2.35	686331	663207	-3.37	685991	650084	-5.23

APPENDIX TABLE G-19  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
IN ICE SKATING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	5027	4868	-3.16	5096	4786	-6.08	5354	4753	-11.23	5645	4784	-15.25	5838	4758	-18.50
SR2	14929	15855	6.20	15421	15952	3.44	16801	16441	-2.14	18458	16897	-8.46	19497	16534	-15.20
SR3	4671	5062	8.37	5082	5021	-1.20	5900	5185	-12.12	6336	5533	-12.67	6825	5124	-24.92
SR4	14711	15056	2.35	14721	15242	3.54	14880	15570	4.64	15280	15813	3.49	14467	14575	0.75
SR5	13547	13305	-1.79	13817	13334	-3.50	14517	13548	-6.67	15377	13690	-10.97	15700	13359	-14.91
SR6	6378	6237	-2.21	6623	6104	-7.84	7103	5926	-16.57	7588	5790	-23.70	7943	5591	-29.61
SR7	14106	14286	1.28	14667	14457	-1.43	16272	15408	-5.31	17965	16536	-7.95	19586	17484	-10.73
SR8	6109	6004	-1.72	6070	5871	-3.28	6126	5768	-5.84	6294	5781	-8.15	6398	5703	-10.86
STATE	77606	78731	1.45	80108	78778	-1.66	86550	80495	-7.00	93150	82590	-11.34	97386	81051	-16.77

APPENDIX TABLE G-20  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
IN ICE SKATING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	50972	50421	-1.08	55399	49212	-11.17	54421	48569	-10.75	57441	49052	-14.60	59000	48732	-17.40
SR2	107635	112273	4.31	109864	111384	1.38	117741	112610	-4.36	129105	115450	-10.58	136381	112962	-17.17
SR3	58064	63410	9.21	63467	62399	-1.68	74314	64002	-13.88	80604	68946	-14.46	87678	64927	-25.95
SR4	186689	196219	5.10	205341	196844	-4.14	175216	198778	13.45	173077	201399	16.36	153164	184694	20.59
SR5	123546	118682	-3.94	126124	117899	-6.52	132792	118456	-10.80	140756	119673	-14.98	143985	116569	-19.04
SR6	51344	50132	-2.36	53212	48879	-8.14	56933	47247	-17.01	60805	46176	-24.06	63606	44543	-29.97
SR7	86331	87850	1.76	91045	88291	-3.02	100242	93390	-6.84	111177	100551	-9.56	121618	106340	-12.56
SR8	42821	41149	-3.90	42548	39644	-6.83	43573	38243	-12.23	45235	38300	-15.33	46437	37847	-18.50
STATE	672845	681905	1.35	688770	675838	-1.88	732300	683169	-6.71	789520	702160	-11.06	791986	689421	-12.95

APPENDIX TABLE G-21  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN HOCKEY BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	229	238	3.93	216	240	11.11	228	235	3.07	228	227	-0.44	226	227	0.44
SR2 ▲	1958	1979	1.07	2025	1974	-2.52	2184	2005	-8.20	2368	2063	-12.88	2502	2083	-16.75
SR3 ▲	1024	1152	12.50	1118	1142	2.15	1266	1180	-6.79	1508	1260	-16.45	1673	1168	-30.15
SR4 ▲	4779	5158	7.93	4484	5272	17.57	5058	5424	7.24	5155	5516	7.00	4980	5160	3.61
SR5 ▲	2049	1959	-4.39	2307	1966	-14.78	2778	1995	-28.19	2895	2014	-30.43	3598	1984	-44.86
SR6 ▲	883	880	-0.34	1030	838	-18.64	1184	792	-33.11	1289	775	-39.88	1354	746	-44.90
SR7 ▲	1328	1338	0.75	1442	1341	-7.00	1683	1404	-16.58	1997	1503	-24.74	2285	1579	-30.90
SR8 ▲	178	152	-14.61	184	145	-21.20	199	131	-34.17	214	126	-41.12	234	124	-47.01
STATE ▲	11512	11627	1.00	12335	11619	-5.80	13785	11810	-14.33	15449	12088	-21.76	16646	11968	-28.10

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-22  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN HOCKEY BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	1299	1273	-2.00	1224	1322	8.01	1294	1367	5.64	1290	1347	4.42	1284	1388	8.10
SR2 ▲	18600	18229	-1.99	19234	17834	-7.28	20743	17607	-15.12	22494	18054	-19.74	23771	17995	-24.30
SR3 ▲	18060	21012	16.35	19719	20544	4.18	22317	20984	-5.97	26590	22698	-14.64	29496	21712	-26.39
SR4 ▲	79434	83971	5.71	80699	84406	4.59	117013	85235	-27.16	119082	86350	-27.49	82768	80293	-2.99
SR5 ▲	32193	29317	-8.93	36236	29037	-19.87	43650	29007	-33.55	45476	29351	-35.46	56520	28670	-49.27
SR6 ▲	26028	27240	4.66	30355	26429	-12.93	34893	25629	-26.55	37997	25313	-33.38	39917	24595	-38.38
SR7 ▲	16279	16770	3.02	17674	16778	-5.07	20636	17600	-14.71	24483	18919	-22.73	28018	19908	-28.95
SR8 ▲	1600	1380	-13.75	1660	1310	-21.08	1791	1192	-33.45	1926	1147	-40.45	2105	1133	-46.18
STATE ▲	184761	187486	1.47	200611	185463	-7.55	226744	186898	-17.57	260753	192122	-26.32	275790	188810	-31.54

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-23  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN FISHING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	11068	11061	-0.06	10955	11027	0.66	10893	10940	0.43	10813	10776	-0.34	10709	10635	-0.69
SR2	35209	35724	1.46	36013	36099	0.24	38109	37198	-2.39	40141	38159	-4.94	41797	38980	-6.74
SR3	13794	13678	-0.84	13823	13745	-0.56	14124	14068	-0.40	14389	14287	-0.71	14719	13577	-7.76
SR4	21782	23251	6.74	23596	23690	0.40	25647	24198	-5.65	26960	24592	-8.78	27742	24749	-10.79
SR5	14676	14689	0.09	14787	14855	0.46	15306	15188	-0.77	15320	15252	-0.44	15289	15095	-1.27
SR6	21426	21579	0.71	21798	21304	-2.27	22133	20667	-6.62	21892	19892	-9.14	21559	19093	-11.44
SR7	41945	41415	-1.26	43645	42338	-2.99	47692	45257	-5.11	50425	47893	-5.02	53327	50427	-5.44
SR8	12425	12637	1.71	12564	12569	0.04	12941	12529	-3.18	12854	12445	-3.42	13282	12204	-8.12
STATE	177395	179778	1.34	181437	181366	-0.04	190457	185426	-2.64	195513	188154	-3.76	200105	188210	-5.94

APPENDIX TABLE G-24  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN FISHING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	69399	67773	-2.34	76210	67763	-11.08	86266	67215	-22.08	87138	66045	-24.21	89097	65352	-26.65
SR2	291182	290029	-0.40	298720	293314	-1.81	324267	301981	-6.87	348431	309225	-11.25	367857	319129	-13.25
SR3	71451	68048	-4.76	71890	68392	-4.87	74186	69399	-6.45	74535	69475	-6.79	76245	67536	-11.42
SR4	97366	99330	2.02	105294	100870	-4.20	114125	102433	-10.24	120091	104005	-13.39	126117	107376	-14.86
SR5	95098	93639	-1.53	95659	94393	-1.32	98441	95634	-2.85	97488	95624	-1.91	97134	95937	-1.23
SR6	133267	131323	-1.46	135394	130290	-3.77	136443	126887	-7.00	133402	121770	-8.72	129888	117047	-9.89
SR7	299066	289016	-3.36	307985	294973	-4.22	331443	312791	-5.63	340795	329226	-3.39	351592	345201	-1.82
SR8	78900	80017	1.42	79779	79535	-0.31	82173	79248	-3.56	81624	78523	-3.80	84341	77147	-8.53
STATE	1179675	1169321	-0.88	1199558	1179455	-1.68	1238424	1202291	-2.92	1249716	1215660	-2.73	1268953	1224064	-3.54

APPENDIX TABLE G-25  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN POWERBOATING/WATERSKIING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	2813	2840	0.96	3134	2848	-9.13	3611	2852	-21.02	3937	2821	-28.35	4224	2816	-33.33
SR2	18312	19916	8.76	19777	20163	1.95	22201	20904	-5.84	25003	21505	-13.99	26979	21549	-20.13
SR3	10346	11082	7.11	10942	11169	2.07	12151	11637	-4.23	13443	12097	-10.01	14702	10551	-25.51
SR4	7745	9033	16.63	8047	9243	14.86	9863	9532	-3.36	10619	9702	-8.64	10794	9244	-14.36
SR5 A	4098	4113	0.37	3569	4171	16.87	4099	4292	4.71	4010	4311	7.51	3840	4240	10.42
SR6	8045	8452	5.06	8386	8334	-0.62	8912	8120	-8.89	9368	7890	-15.78	9687	7603	-21.51
SR7	19872	11741	-40.92	20788	12044	-42.06	22916	13032	-43.13	25824	13908	-46.14	28539	14814	-48.09
SR8	4591	5128	11.70	4598	5139	11.77	4654	5209	11.93	4666	5232	12.13	4590	5143	12.05
STATE	78641	83915	6.71	80038	84856	6.02	88885	87462	-1.60	95757	89321	-6.72	100478	88187	-12.23

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE G-26  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN POWERBOATING/WATERSKIING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	16313	17240	5.68	18177	17158	-5.61	20946	17136	-18.19	22834	17068	-25.25	24497	17051	-30.40
SR2	227073	239837	5.62	246781	242897	-1.57	280105	251591	-10.18	313164	258427	-17.48	338289	260328	-23.05
SR3	87220	92839	6.44	94243	93080	-1.23	106394	96300	-9.49	121040	100105	-17.30	134347	92481	-31.16
SR4	77523	90923	17.29	89339	91959	2.93	121048	93640	-22.64	140828	95129	-32.45	150652	89484	-40.60
SR5 A	23771	25247	6.21	20693	25571	23.57	23736	26217	10.45	23186	26067	12.43	22227	25770	15.94
SR6	39984	43111	7.82	42299	43136	1.98	45930	42722	-6.98	49857	41623	-16.52	52420	40299	-23.12
SR7	121813	71172	-41.57	129344	72997	-43.56	146795	78915	-46.24	168750	84194	-50.11	190337	89624	-52.91
SR8	35123	42526	21.08	35171	42792	21.67	35605	43405	21.91	35695	43507	21.89	23280	42810	83.89
STATE	629914	668257	6.09	657770	674975	2.62	756042	694633	-8.12	823543	709017	-13.91	874768	701070	-19.86

▲ Less than 5 percent of the respondents participated.

APPENDIX TABLE G-27  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN BEACH SWIMMING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	5440	5947	9.32	5511	5922	7.46	5755	5933	3.09	6003	5928	-1.25	6155	5929	-3.67
SR2	14099	20416	44.80	15168	20572	35.63	17380	21223	22.11	19686	21830	10.89	21221	21539	1.50
SR3	7719	8489	9.98	8388	8505	1.39	9662	8844	-8.47	10667	9304	-12.78	11668	8464	-27.46
SR4	9932	11813	18.94	10384	12024	15.79	11062	12379	11.91	11822	12592	6.51	11773	11762	-0.09
SR5	8184	8262	0.95	8281	8303	0.27	8544	8461	-0.97	8767	8538	-2.61	8703	8359	-3.95
SR6	9385	10247	9.18	9694	10061	3.79	10149	9831	-3.13	10479	9660	-7.82	10619	9358	-11.87
SR7	18601	19346	4.01	19095	19698	3.16	20881	21122	1.15	23724	22588	-4.79	26146	23889	-8.63
SR8	4825	5265	9.12	4565	5186	13.60	4231	5155	21.84	4455	5178	16.23	4918	5104	3.78
STATE	83944	91409	8.89	86363	91933	6.45	92742	94435	1.83	100029	96804	-3.22	104666	95084	-9.15

APPENDIX TABLE G-28  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN BEACH SWIMMING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	24591	27613	12.29	24845	27338	10.03	25751	27357	6.24	26785	27474	2.57	27380	27451	0.26
SR2	148459	209104	40.85	159720	209948	31.45	181288	215396	18.81	205222	221397	7.88	222205	219686	-1.13
SR3	55730	61089	9.62	60431	61014	0.96	69420	63191	-8.97	76641	66506	-13.22	83672	61202	-26.65
SR4	80251	93243	16.19	108960	93991	-13.74	143941	95546	-33.62	167151	96591	-41.97	176584	91044	-48.44
SR5	31347	31741	1.26	31758	31819	0.19	32843	32243	-1.83	33788	32428	-4.03	33630	32064	-4.66
SR6	49551	53998	8.97	50942	52575	3.21	52855	50968	-3.57	54208	50162	-7.46	54615	48516	-11.17
SR7	102303	107910	5.48	116241	109369	-5.91	139317	116580	-16.32	160129	124855	-22.03	181390	131848	-27.31
SR8	20797	22973	10.46	19707	22776	15.57	18315	22755	24.24	19346	22840	18.06	21423	22516	5.10
STATE	551512	596369	8.13	606613	596910	-1.60	701752	609512	-13.14	783829	624876	-20.28	845402	615254	-27.22

APPENDIX TABLE G-29  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN OUTDOOR POOL SWIMMING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	3658	4420	20.83	3637	4307	18.42	3706	4249	14.65	3834	4298	12.10	3897	4266	9.47
SR2	13162	14924	13.39	13452	14864	10.50	14401	15102	4.87	15406	15495	0.58	15878	15172	-4.45
SR3	8103	9156	13.00	8526	9140	7.20	9414	9502	0.93	10340	10091	-2.41	11176	9179	-17.87
SR4	13312	15408	15.75	12599	15460	22.71	13891	15639	12.58	14176	15850	11.81	13774	14845	7.78
SR5	16492	16284	-1.26	16399	16124	-1.68	17030	16130	-5.28	17400	16315	-6.24	17407	15930	-8.49
SR6	12383	13408	8.28	12526	13076	4.39	12823	12693	-1.01	12970	12470	-3.86	12932	12068	-6.68
SR7	14935	15800	5.79	15671	15924	1.61	16621	16861	1.44	18852	18093	-4.03	20710	19071	-7.91
SR8	5619	6240	11.05	5670	6133	8.17	5939	6096	2.64	6281	6140	-2.24	6485	6054	-6.65
STATE	88600	95913	8.25	89675	95377	6.36	94364	96783	2.56	100222	99423	-0.80	103191	97683	-5.34

APPENDIX TABLE G-30  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN OUTDOOR POOL SWIMMING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	50001	62230	24.46	50423	60311	19.61	53208	59362	11.57	56764	60348	6.31	59342	59857	0.87
SR2	151761	164795	8.59	152356	161306	5.87	158908	159821	0.57	168807	163398	-3.20	174946	161144	-7.89
SR3	122193	141154	15.52	143480	141160	-1.62	180660	147199	-18.52	205377	156584	-23.76	232407	141146	-39.27
SR4	165999	186390	12.28	155277	184508	18.83	168526	183539	8.91	170663	185512	8.70	165598	174757	5.53
SR5	246716	242132	-1.86	245742	238826	-2.81	254948	237942	-6.67	259959	240927	-7.32	259857	234498	-9.76
SR6	141295	150130	6.25	143918	144029	0.08	151695	137735	-9.20	159897	135850	-15.04	165316	131203	-20.64
SR7	182803	200961	9.93	198066	199198	0.57	215971	205961	-4.63	246693	221618	-10.16	273286	232523	-14.52
SR8	72930	78546	7.70	73178	75619	3.34	76181	73447	-3.59	80603	74113	-8.05	83274	73258	-12.03
STATE	1142059	1224038	7.18	1174292	1202785	2.43	1261232	1203399	-4.59	1345216	1238066	-7.97	1406862	1219490	-13.32

APPENDIX TABLE G-31  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN PICNICKING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	10973	11452	4.37	11440	11399	-0.36	12263	11362	-7.35	12508	11263	-9.95	12776	11148	-12.74
SR2	26410	27949	5.83	26911	28199	4.79	28341	29034	2.45	29587	29706	0.40	30152	29781	-1.23
SR3	13875	14033	1.14	14075	14126	0.36	14640	14565	-0.51	15133	14898	-1.55	16853	13892	-17.57
SR4	26603	28671	7.77	26499	29237	10.33	28295	30006	6.05	28866	30460	5.52	29136	29654	1.78
SR5	29805	30087	0.95	30065	30319	0.84	30700	30880	0.59	31015	31038	0.07	30763	30660	-0.33
SR6	24828	25633	3.24	24812	25294	1.94	24642	24623	-0.08	24407	23842	-2.31	23984	22947	-4.32
SR7	35408	35522	0.32	36887	36353	-1.45	40710	39012	-4.17	44840	41390	-7.69	49239	43656	-11.34
SR8	12503	13188	5.48	12873	13150	2.15	13960	13157	-5.75	12831	13099	2.09	12889	12890	0.01
STATE	183151	190100	3.79	185741	191838	3.28	193436	196810	1.74	201611	200242	-0.68	206731	198967	-3.76

APPENDIX TABLE G-32  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN PICNICKING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	37090	39178	5.63	37898	39015	2.95	40603	38920	-4.15	38748	38669	-0.20	40580	38398	-5.38
SR2	101942	110024	7.93	104666	110262	5.35	112175	112642	0.42	118625	115300	-2.80	122018	114753	-5.95
SR3	47038	45842	-2.54	47714	46145	-3.29	49629	47536	-4.22	51301	48487	-5.49	57131	45388	-20.55
SR4	98165	106712	8.71	113356	107476	-5.19	136588	108853	-20.31	151922	110312	-27.39	161946	106139	-34.46
SR5	81965	83216	1.53	82025	84120	2.55	82854	85971	3.76	83934	86419	2.96	83362	85468	2.53
SR6	87642	91037	3.87	87439	90184	3.14	87074	88232	1.33	89051	85590	-3.89	88499	82531	-6.74
SR7	145173	147741	1.77	150932	150856	-0.05	166894	161731	-3.09	187519	172080	-8.23	208762	181654	-12.99
SR8	43261	45951	6.22	44446	45729	2.89	47958	45721	-4.66	43782	45576	4.10	43732	44861	2.58
STATE	657510	688181	4.66	667409	693509	3.91	696239	711232	2.15	726967	724914	-0.28	748918	718187	-4.10



APPENDIX TABLE G-33  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN CAMPING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	7691	7765	0.96	7994	7760	-2.93	8425	7722	-8.34	8584	7640	-11.00	8798	7604	-13.57
SR2	25516	27633	8.30	26448	27989	5.83	28544	29016	1.65	30527	29810	-2.35	31822	25798	-6.36
SR3	10264	10646	3.72	10529	10730	1.91	11176	11115	-0.55	11834	11435	-3.37	12578	10521	-16.35
SR4	12762	14745	15.54	12523	15067	20.31	14151	15525	9.71	14596	15800	8.25	14473	15117	4.45
SR5	13338	13386	0.36	13386	13469	0.62	13702	13700	-0.01	13798	13789	-0.07	13688	13636	-0.38
SR6	12954	13479	4.05	13158	13328	1.29	13625	13040	-4.29	13923	12682	-8.91	14053	12425	-12.87
SR7	30244	30898	2.16	31249	31626	1.21	34356	34063	-0.85	37170	36273	-2.41	40118	38355	-4.39
SR8	10366	11419	10.16	10699	11440	6.93	11511	11577	0.57	12235	11596	-5.22	12890	11405	-11.52
STATE	126692	134434	6.11	129070	135920	5.31	135477	140034	3.36	141307	142884	1.12	144719	141234	-2.41

APPENDIX TABLE G-34  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN CAMPING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	43067	43169	0.24	44941	43005	-4.31	47691	42586	-10.70	48990	42094	-14.08	50597	41862	-17.26
SR2	192390	213314	10.88	199578	216162	8.31	215694	224346	4.01	231047	230507	-0.23	241208	229822	-4.72
SR3	57584	59340	3.05	57575	59530	3.40	59699	61226	2.56	61064	62908	3.02	63554	59055	-7.08
SR4	71725	82448	14.95	69957	83999	20.07	81008	86262	6.49	79984	87744	9.70	79929	83734	4.76
SR5	62156	61597	-0.90	62379	61733	-1.04	63851	62304	-2.42	64300	62594	-2.65	63787	62543	-1.95
SR6	62828	64732	3.03	62507	63917	2.26	63119	62230	-1.41	64061	60161	-6.09	64219	57901	-9.84
SR7	179953	180485	0.30	189296	184306	-2.64	211797	197070	-6.95	227971	209056	-8.30	246506	220330	-10.62
SR8	58879	64168	8.98	60770	64376	5.93	65381	65309	-0.11	69496	65328	-6.00	73212	64243	-12.25
STATE	746216	783942	5.06	769570	791360	2.83	822219	812853	-1.14	864178	828353	-4.15	891775	822211	-7.80

APPENDIX TABLE G-35  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
IN VISITING HISTORICAL PLACES BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	8536	8422	-1.34	8455	8403	-0.62	8484	8359	-1.47	8435	8248	-2.22	8384	8151	-2.78
SR2	15376	15925	3.57	15503	16111	3.92	17009	16633	-2.21	18068	17029	-5.75	18786	17261	-8.12
SR3	5993	5813	-3.00	6028	5848	-2.99	6259	5958	-4.81	6368	5972	-6.22	6560	5760	-12.20
SR4	13861	15390	11.03	13473	15734	16.78	12921	16219	25.52	12690	16466	29.76	11704	15737	34.46
SR5	13252	13217	-0.26	13158	13326	1.28	13540	13545	0.04	13296	13580	2.14	13848	13528	-2.31
SR6	10275	10733	4.46	10877	10625	-2.32	11354	10351	-8.83	11196	9965	-10.99	11095	9590	-13.56
SR7	20927	20905	-0.11	22974	21297	-7.30	25723	22643	-11.97	28294	23951	-15.35	31095	25180	-19.02
SR8	7279	7483	2.80	7341	7479	1.88	7562	7487	-0.99	7825	7425	-5.11	8015	7300	-8.92
STATE	96943	98860	1.98	100380	99771	-0.61	107084	102177	-4.58	111502	103626	-7.06	115068	103461	-10.09

APPENDIX TABLE G-36  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
IN VISITING HISTORICAL PLACES BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	22876	22316	-2.45	22730	22244	-2.14	22973	22120	-3.71	26598	21828	-17.93	27335	21549	-21.17
SR2	39361	40877	3.85	41156	41259	0.25	46613	42470	-8.89	51177	43447	-15.10	54324	44231	-18.58
SR3	11386	10901	-4.26	11453	11010	-3.87	11250	11209	-0.36	11294	11146	-1.31	11465	10738	-6.34
SR4	28693	32775	14.23	28280	33735	19.29	28475	35047	23.08	27861	35665	28.01	26028	33899	30.24
SR5	27035	26636	-1.48	26307	26784	1.81	25832	27064	4.77	24881	27094	8.89	25600	27180	6.17
SR6	25071	25470	1.59	25853	25100	-2.91	24991	24248	-2.97	23608	23188	-1.78	25355	22214	-12.35
SR7	59223	59052	-0.29	63930	60167	-5.89	71230	63970	-10.19	75237	67563	-10.20	79067	70924	-10.30
SR8	16451	16469	0.11	17122	16420	-4.10	18843	16373	-13.11	19486	16190	-16.91	20588	15902	-22.76
STATE	235572	239052	1.48	244191	240957	-1.32	260553	246217	-5.50	270489	249257	-7.85	278973	249334	-10.62

APPENDIX TABLE G-37  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN BICYCLING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	2720	2955	8.64	2698	2954	9.49	2842	2989	5.17	2897	3008	3.83	2996	3027	1.03
SR2	10938	12472	14.02	10838	12598	16.24	12077	13046	8.02	12912	13410	3.86	13510	13159	-2.60
SR3	5911	6502	10.00	6305	6529	3.55	6963	6809	-2.21	7727	7160	-7.34	8446	8460	-23.51
SR4	13270	15949	20.19	13825	16343	18.21	14927	16930	13.42	15733	17237	9.56	15741	16153	2.62
SR5	19731	19975	1.24	21219	20104	-5.25	24183	20471	-15.35	25656	20646	-19.53	26717	20326	-23.92
SR6	9826	10142	3.22	10391	10059	-3.20	11146	9941	-10.81	11348	9773	-13.88	11513	9493	-17.65
SR7	12552	13122	4.54	13408	13357	-0.38	15141	14313	-5.47	16903	15307	-9.44	18676	16171	-13.41
SR8	5224	5678	8.69	5665	5613	-0.92	6424	5601	-12.81	7240	5620	-22.38	7852	5533	-29.53
STATE	79740	86359	8.30	82527	87097	5.54	89182	89712	0.59	95011	91866	-3.31	98785	90244	-8.65

APPENDIX TABLE G-38  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN BICYCLING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	34248	38983	13.83	33972	38614	13.66	35778	38746	8.30	36473	39094	7.19	37715	39193	3.92
SR2	302229	330872	9.48	299465	330375	10.32	333684	336691	0.90	356759	345338	-3.20	373286	339464	-9.06
SR3	213675	244337	14.35	248597	246525	-0.83	311831	259599	-16.75	354115	274564	-22.46	401024	241060	-39.89
SR4	326319	393786	20.68	348595	403024	15.61	386852	416183	7.58	426638	423489	-0.74	437829	356310	-9.48
SR5	472363	482195	2.08	503726	484575	-3.80	562258	493198	-12.28	614934	498014	-19.01	640623	487463	-23.91
SR6	193279	196887	1.87	202885	193359	-4.70	213787	188637	-11.76	214403	184675	-13.87	226455	178493	-21.18
SR7	310779	337957	8.75	334168	340227	1.81	382397	360572	-5.71	429704	387996	-9.71	478411	409496	-14.40
SR8	117805	125538	6.56	126478	122075	-3.48	141730	119448	-15.72	159631	119850	-24.92	173156	118287	-31.69
STATE	1953638	2114688	8.24	2085202	2118381	1.59	2195454	2166633	-1.31	2343840	2221847	-5.20	2441046	2179830	-10.70

APPENDIX TABLE G-39  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN BASEBALL/SOFTBALL BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	3563	3778	6.03	3564	3778	6.00	3582	3811	6.39	3726	3821	2.55	3786	3839	1.40
SR2	10045	11430	13.79	10417	11531	10.69	11293	11913	5.49	12161	12254	0.76	12603	12011	-4.70
SR3	3447	3789	9.92	3552	3831	7.85	3709	4017	8.30	3976	4205	5.76	3532	3726	5.49
SR4	7931	9518	20.01	8352	9829	17.68	9104	10242	12.50	9737	10435	7.17	9761	9777	0.16
SR5	17167	17413	1.43	16622	17566	5.68	18158	17955	-1.12	18555	18091	-2.50	18612	17735	-4.71
SR6	8486	9268	9.22	8507	9179	7.90	8616	9021	4.70	8539	8819	3.28	8459	8545	1.02
SR7	11893	12087	1.63	11789	12371	4.94	14109	13337	-5.47	15751	14226	-9.68	17489	15055	-13.92
SR8	2293	2521	9.94	2347	2538	8.14	2525	2571	1.82	2664	2570	-3.53	2882	2527	-12.32
STATE	65319	71036	8.75	67293	71919	6.87	72212	74345	2.95	76356	76064	-0.38	79089	74616	-5.66

APPENDIX TABLE G-40  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN BASEBALL/SOFTBALL BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	39009	42644	9.32	39028	41662	6.75	39221	41192	5.03	40805	41652	2.08	41451	41412	-0.09
SR2	121942	136799	12.18	130972	137477	4.97	136559	141273	3.45	146935	145295	-1.12	152184	143037	-6.01
SR3	32920	36610	11.21	37879	36516	-3.60	45781	37777	-17.48	49887	39883	-20.05	45597	36751	-19.40
SR4	68446	85434	24.82	72000	88238	22.55	78568	91999	17.09	84029	93784	11.61	84240	86676	2.89
SR5	192609	195435	1.47	186499	197122	5.70	203732	202004	-0.85	208182	203893	-2.06	208827	197955	-5.21
SR6	102008	112463	10.25	106878	110521	3.41	115111	108063	-6.12	118444	106068	-10.45	121440	102848	-15.31
SR7	129876	134950	3.91	125580	137892	9.80	153838	148910	-3.20	172497	159541	-7.51	191843	169491	-11.65
SR8	15182	16582	9.22	15539	16705	7.50	16715	16837	0.73	17633	16769	-4.90	19079	16505	-13.45
STATE	713278	781758	9.60	756662	788169	4.16	845168	812055	-3.92	905519	832719	-8.04	951483	814539	-14.39

APPENDIX TABLE G-41  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
IN GOLF BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	3940	4039	2.51	4139	4022	-2.83	4513	3993	-11.52	4809	3955	-17.76	5063	3934	-22.30
SR2	7108	7539	6.06	8051	7676	-4.66	9566	8018	-16.18	10484	8260	-21.21	11267	8315	-26.20
SR3	4600	4687	1.89	4873	4733	-2.87	5409	4886	-9.67	5767	4976	-13.72	6201	4618	-25.53
SR4	9497	10096	6.31	10772	10433	-3.15	12702	10793	-15.03	13776	10999	-20.16	14754	11180	-24.22
SR5	15117	15142	0.17	15810	15358	-2.86	16907	15694	-7.17	17931	15692	-12.49	18870	15764	-16.46
SR6	6896	6769	-1.84	7521	6733	-10.48	8324	6545	-21.37	8571	6243	-27.16	8857	5983	-32.45
SR7	8092	7730	-4.47	8992	7913	-12.00	10600	8416	-20.60	12351	8836	-28.46	13972	9278	-33.60
SR8	2376	2436	2.53	2762	2468	-10.64	3250	2486	-23.51	3456	2452	-29.05	3668	2408	-34.35
STATE	56782	57259	0.84	60861	58201	-4.37	67713	59886	-11.56	72995	60650	-16.91	77682	60926	-21.57

APPENDIX TABLE G-42  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
IN GOLF BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1	52054	50543	-2.90	55868	50215	-10.12	62218	49381	-20.63	67557	48446	-28.29	73055	47677	-34.74
SR2	88208	87497	-0.81	99967	88937	-11.03	118892	92383	-22.30	130449	95029	-27.15	140329	96937	-30.92
SR3	67200	63395	-5.66	72897	63285	-13.19	83454	63375	-24.06	91491	62813	-31.35	89856	63564	-29.26
SR4	141500	137491	-2.83	163357	141133	-13.60	192862	144084	-25.29	216435	146485	-32.32	221002	155310	-29.72
SR5	196979	188790	-4.16	209798	189954	-9.46	228892	190747	-16.67	243709	190085	-22.00	264591	196017	-25.92
SR6	112401	101254	-9.92	120988	99967	-17.37	131171	95395	-27.27	130646	89143	-31.77	131972	84657	-35.85
SR7	159000	150677	-5.23	177836	153497	-13.69	208143	161847	-22.24	241456	169703	-29.72	273045	177359	-35.04
SR8	49345	48723	-1.26	57368	49361	-13.96	67509	49346	-26.90	71787	48309	-32.71	76187	47494	-37.66
STATE	870466	826109	-5.10	960710	834384	-13.15	1127320	846634	-24.90	1225654	851350	-30.54	1348061	871192	-35.37

APPENDIX TABLE G-43  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN TENNIS BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	1875	2071	10.45	1987	2068	4.08	2132	2083	-2.30	2265	2090	-7.73	2368	2102	-11.23
SR2 ▲	3650	4276	17.15	4117	4323	5.00	4912	4490	-8.59	5550	4625	-16.67	6039	4504	-25.42
SR3	2489	2861	14.95	2792	2865	2.61	3220	2984	-7.33	3833	3157	-17.64	4294	2857	-33.47
SR4 ▲	4178	5158	23.46	4335	5237	20.81	4514	5353	18.59	4731	5438	14.94	4646	5146	10.76
SR5	7915	8107	2.43	8276	8243	-0.40	9061	8525	-5.92	9645	8597	-10.87	9916	8394	-15.35
SR6 ▲	3067	3104	1.21	3369	3089	-8.31	3793	3046	-19.69	4018	2975	-25.96	4197	2881	-31.36
SR7 ▲	4063	4156	2.29	4448	4263	-4.16	5080	4622	-9.02	5670	4944	-12.80	6260	5241	-16.28
SR8 ▲	1686	1921	13.94	1766	1896	7.36	1919	1820	-5.15	2065	1901	-7.94	2184	1874	-14.19
STATE ▲	28779	31362	8.98	30884	31756	2.82	34790	32879	-5.49	38153	33700	-11.67	40496	32999	-18.51

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-44  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN TENNIS BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	
SR1	13219	14554	10.10	14008	14584	4.11	15028	14729	-1.99	15968	14758	-7.58	16696	14902	-10.75
SR2 ▲	48249	55358	14.73	55730	56284	0.99	68195	58864	-13.68	80050	60720	-24.15	89525	59428	-33.62
SR3	15658	18561	18.54	17560	18514	5.43	20254	19253	-4.94	24112	20514	-14.92	27007	16632	-31.01
SR4 ▲	49970	57129	14.33	54381	56327	3.58	59424	55474	-6.65	66246	55894	-15.63	67773	54271	-19.92
SR5	98378	96140	-2.27	112608	97044	-13.82	139328	99030	-28.92	151771	99652	-34.34	159693	98867	-38.09
SR6 ▲	27913	29803	6.77	30156	29136	-3.38	33509	28375	-15.32	35725	27956	-21.75	37306	27065	-27.45
SR7 ▲	44772	46933	4.83	49255	48550	-1.43	56751	53468	-5.78	63469	57366	-9.62	70272	61132	-13.01
SR8 ▲	32127	33260	3.53	33652	31831	-5.41	36557	30464	-16.67	39346	30511	-22.45	41603	30218	-27.37
STATE ▲	326066	350909	7.62	370246	352969	-4.67	450303	362313	-19.54	501653	371237	-26.00	547095	364808	-33.32

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-45  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN JOGGING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	938	895	-4.58	968	928	-4.13	1017	961	-5.51	1020	945	-7.35	1036	957	-7.63
SR2 ▲	3469	3990	15.02	4078	4047	-0.76	5086	4209	-17.24	5438	4311	-20.72	5680	4210	-25.88
SR3 ▲	983	1064	8.24	1171	1088	-7.09	1439	1151	-20.01	1719	1189	-30.83	1964	1026	-47.76
SR4 ▲	3587	4355	21.41	3433	4501	31.11	4144	4714	13.75	4318	4807	11.32	4339	4509	3.92
SR5 ▲	7031	7106	1.07	7506	7228	-3.70	8500	7464	-12.19	9240	7518	-18.64	9668	7383	-23.63
SR6 ▲	3128	3222	3.01	3238	3205	-1.02	3419	3165	-7.43	3540	3096	-12.54	3617	3000	-17.06
SR7 ▲	5334	5457	2.31	5421	5645	4.13	5757	6194	7.59	6198	6620	6.81	6535	7041	7.74
SR8 ▲	1977	2156	9.05	2352	2162	-8.08	2843	2192	-22.90	3016	2193	-27.29	3198	2156	-32.58
STATE ▲	26709	29086	8.90	27997	29684	6.03	30869	30988	0.39	33271	31683	-4.77	34602	30976	-10.48

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-46  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN JOGGING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	22875	21502	-6.00	23614	22253	-5.76	24811	22971	-7.42	24894	22579	-9.30	25269	22710	-10.13
SR2 ▲	115546	130442	12.89	135833	133348	-1.83	169414	139833	-17.46	181142	143014	-21.05	189203	141110	-25.42
SR3 ▲	16640	17532	5.36	19815	17597	-11.19	24351	18172	-25.37	29090	18820	-35.30	33227	17435	-47.53
SR4 ▲	106754	143277	34.21	102158	150689	47.51	123337	160782	30.36	128508	164632	28.11	129128	151332	17.20
SR5 ▲	168605	172334	2.21	178780	175602	-1.78	204662	181273	-11.43	223119	182227	-18.33	234047	180162	-23.02
SR6 ▲	51459	48723	-5.32	53270	48776	-8.44	56245	48304	-14.12	58235	47007	-19.28	59506	45510	-23.52
SR7 ▲	166897	164917	-1.19	169962	171313	0.79	180433	188362	4.39	192993	200572	3.93	254196	213407	-16.05
SR8 ▲	73542	73202	-0.46	87483	72922	-16.64	105750	72987	-30.98	112195	72112	-35.73	118983	70924	-40.35
STATE ▲	724093	776775	7.28	762878	795772	4.31	846473	832441	-1.66	913422	848105	-7.15	950907	832892	-12.41

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-47  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
IN SAILING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	188	190	1.06	192	199	3.65	179	208	16.20	192	206	7.29	139	213	53.24
SR2 ▲	1426	1653	15.92	1673	1670	-0.18	2042	1731	-15.23	2300	1782	-22.52	2473	1748	-29.32
SR3 ▲	574	596	3.83	580	596	2.76	597	614	2.85	614	634	3.26	633	595	-6.00
SR4 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR5 ▲	270	287	6.30	274	294	7.30	283	308	8.83	285	311	9.12	278	300	7.91
SR6 ▲	320	372	16.25	331	374	12.99	339	375	10.62	346	371	7.23	344	362	5.23
SR7 ▲	1975	2020	2.28	2211	2072	-6.29	2440	2244	-8.03	2756	2395	-13.10	3044	2535	-16.72
SR8 ▲	160	201	25.62	160	212	32.50	159	229	44.03	157	230	46.50	155	225	45.16
STATE ▲	5303	5888	11.03	6161	5988	-2.81	7417	6232	-15.98	8478	6385	-24.69	9184	6246	-31.99

▲ Less than 5 percent of the respondents participated.

● No response.

APPENDIX TABLE G-48  
COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
IN SAILING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	1125	1141	1.42	1150	1193	3.74	1072	1248	16.42	1151	1235	7.30	835	1279	53.17
SR2 ▲	15328	17558	14.55	17982	17730	-1.40	21947	18356	-16.36	24724	18898	-23.56	26583	18621	-29.95
SR3 ▲	4096	4311	5.25	4140	4424	6.86	4259	4662	9.46	4385	4752	8.37	4522	4143	-8.38
SR4 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR5 ▲	270	287	6.30	274	294	7.30	283	308	8.83	285	311	9.12	278	300	7.91
SR6 ▲	320	372	16.25	331	374	12.99	339	375	10.62	346	371	7.23	344	362	5.23
SR7 ▲	19154	20392	6.46	21447	20791	-3.06	23672	22450	-5.16	26736	24127	-9.76	29530	25599	-13.31
SR8 ▲	321	402	25.23	319	425	33.23	318	457	43.71	314	461	46.82	309	451	45.95
STATE ▲	43804	49139	12.18	51217	49771	-2.82	62604	51624	-17.54	72587	52988	-27.00	79716	51674	-35.18

▲ Less than 5 percent of the respondents participated.

● No response.



APPENDIX TABLE G-49  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN CANOEING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1▲	658	672	2.13	650	673	3.54	665	676	1.65	667	671	0.60	665	662	-0.45
SR2▲	1160	1371	18.19	1273	1400	9.98	1089	1472	35.17	1239	1520	22.68	1283	1484	15.67
SR3▲	492	574	16.67	589	585	-0.68	764	624	-18.32	849	657	-22.61	961	557	-42.04
SR4▲	1420	1834	29.15	1540	1871	21.49	1600	1930	20.62	1916	1964	2.51	2216	1763	-20.44
SR5▲	356	384	7.87	327	396	21.10	378	419	10.85	386	422	9.33	384	405	5.47
SR6▲	1210	1249	3.22	1284	1224	-4.67	1434	1184	-17.43	1559	1151	-26.17	1641	1107	-32.54
SR7▲	1033	1018	-1.45	1068	1065	-0.28	1169	1194	2.14	1245	1282	2.97	1321	1382	4.62
SR8▲	160	201	25.62	160	212	32.50	159	229	44.03	157	230	46.50	155	225	45.16
STATE▲	6467	7221	11.66	6712	7355	9.58	7940	7670	-3.40	8771	7861	-10.38	9296	7660	-17.60

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-50  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN CANOEING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1▲	941	950	0.96	930	964	3.66	951	980	3.05	954	973	1.99	951	972	2.21
SR2▲	2586	3051	17.98	2839	3111	9.58	2428	3270	34.68	2764	3376	22.14	2861	3305	15.52
SR3▲	1805	2142	18.67	2162	2142	-0.93	2806	2242	-20.10	3115	2394	-23.15	3528	2141	-39.31
SR4▲	2841	3597	26.61	3081	3655	18.63	3199	3752	17.29	3833	3814	-0.50	4431	3441	-22.34
SR5▲	712	751	5.48	654	768	17.43	756	802	6.08	773	810	4.79	767	778	1.43
SR6▲	13699	13681	-0.13	14537	13113	-9.80	16230	12363	-23.83	17643	11967	-32.17	18578	11426	-38.50
SR7▲	2293	2346	2.31	2372	2428	2.36	2595	2679	3.24	2764	2881	4.23	2933	3097	5.59
SR8▲	321	408	27.10	319	431	35.11	318	463	45.60	314	466	48.41	309	457	47.90
STATE▲	28326	29844	5.36	29399	29742	1.17	34776	30080	-13.50	38419	30748	-19.97	40714	30665	-24.68

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-51  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN HIKING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	1220	1235	1.23	1429	1219	-14.70	1744	1202	-31.08	1882	1194	-36.56	1996	1176	-41.08
SR2 ▲	617	769	24.64	681	795	16.74	806	847	5.09	888	874	-1.58	935	847	-9.41
SR3 ▲	246	275	11.79	251	285	13.55	265	307	15.85	274	320	16.79	287	260	-9.41
SR4 ▲	1306	1799	37.75	1320	1891	43.26	1263	2016	59.62	1203	2065	71.65	1479	1870	26.44
SR5 ▲	1423	1462	2.74	1587	1462	-7.88	1828	1478	-19.15	1923	1484	-22.83	1846	1462	-20.80
SR6 ▲	449	444	-1.11	531	443	-16.57	617	432	-29.98	610	411	-32.62	622	396	-36.33
SR7 ▲	1816	1845	1.60	1929	1892	-1.92	1990	2032	2.11	2226	2153	-3.28	2396	2268	-5.34
SR8 ▲	793	864	8.95	887	852	-3.95	1011	847	-16.22	1023	852	-16.72	1058	840	-20.60
STATE ▲	7825	8415	7.54	9132	8534	-6.55	11182	8829	-21.04	11972	9006	-24.77	12747	8881	-30.33

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-52  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN HIKING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	4503	4876	8.28	5274	4800	-8.99	6434	4757	-26.06	6944	4772	-31.28	7366	4730	-35.79
SR2 ▲	1413	1752	23.99	1561	1807	15.76	1846	1922	4.12	2034	1984	-2.46	2140	1919	-10.33
SR3 ▲	983	1100	11.90	1004	1139	13.45	1060	1230	16.04	1095	1279	16.80	1149	1041	-9.40
SR4 ▲	5552	7786	40.24	5608	8168	45.65	5369	8693	61.91	5114	8895	73.93	6284	7941	26.37
SR5 ▲	25621	26705	4.23	28566	26909	-5.80	32903	27511	-16.39	34613	27805	-19.67	33233	27072	-18.54
SR6 ▲	7122	6417	-9.90	8416	6350	-24.55	9784	6080	-37.86	9676	5748	-40.60	9861	5428	-44.95
SR7 ▲	29670	30031	1.22	31516	31017	-1.58	32517	33390	2.68	36373	35080	-3.55	39158	36912	-5.74
SR8 ▲	8553	6853	-19.88	9558	6674	-30.17	10896	6139	-43.66	11033	5770	-47.70	11410	5745	-49.65
STATE ▲	88895	91752	3.21	103652	93059	-10.22	125478	95709	-23.72	131145	96997	-26.04	139175	96808	-30.44

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-53  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN HORSEBACK RIDING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	750	686	-8.53	758	672	-11.35	775	655	-15.48	784	651	-16.96	789	642	-18.63
SR2 ▲	2756	3230	17.20	2415	3265	35.20	3104	3384	9.02	3312	3479	5.04	3408	3426	0.53
SR3 ▲	738	807	9.35	711	810	13.92	694	844	21.61	683	885	29.58	684	802	17.25
SR4 ▲	1742	2242	28.70	2112	2294	8.62	2577	2378	-7.72	2829	2419	-14.49	3011	2182	-27.53
SR5 ▲	2761	2819	2.10	2429	2829	16.47	1809	2882	59.31	1576	2912	84.77	1110	2836	155.50
SR6 ▲	1789	1910	6.76	1841	1875	1.85	1859	1823	-1.94	1896	1780	-6.12	1870	1718	-8.13
SR7 ▲	3359	3503	4.29	3552	3586	0.96	4187	3875	-7.45	4773	4147	-13.12	5363	4391	-18.12
SR8 ▲	793	837	5.55	808	833	3.09	807	833	3.22	811	827	1.97	811	816	0.62
STATE ▲	15004	16428	9.49	14904	16563	11.13	14911	17064	14.44	15589	17488	12.18	15646	17177	9.79

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-54  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN HORSEBACK RIDING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	1778	1313	-26.15	1798	1279	-28.87	1838	1213	-34.00	1858	1183	-36.33	1869	1149	-38.52
SR2 ▲	29350	34262	16.74	25717	34039	32.36	33061	34486	4.31	35275	35308	0.09	36295	34554	-4.80
SR3 ▲	5561	6135	10.32	5358	6037	12.67	5235	6168	17.82	5152	6609	28.28	5155	6283	21.88
SR4 ▲	18619	23217	24.70	22572	23397	3.65	27552	23726	-13.89	30239	24034	-20.52	32187	21765	-32.38
SR5 ▲	28244	27019	-4.34	24851	27145	9.23	18503	27249	47.27	16121	27244	69.00	11355	28296	149.19
SR6 ▲	19550	20692	5.84	20120	19611	-2.53	20324	18559	-8.68	20726	18443	-11.02	20436	17782	-12.99
SR7 ▲	33727	35029	3.86	35000	36022	2.92	39594	39136	-1.16	43025	41811	-2.82	47601	44202	-7.14
SR8 ▲	8172	9031	10.51	8323	8893	6.85	8316	8859	6.53	8353	8873	6.23	8352	8770	5.00
STATE ▲	148388	160885	8.42	142609	160903	12.83	131365	163959	24.81	153606	167972	9.35	153784	166107	8.01

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-55  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN ARCHERY BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	375	561	49.60	372	585	57.26	368	612	66.30	363	608	67.49	357	624	74.79
SR2 ▲	617	731	18.48	614	738	20.20	631	766	21.39	628	791	25.96	622	758	21.86
SR3 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR4 ▲	218	250	14.68	230	262	13.91	250	274	9.60	259	281	8.49	267	293	9.74
SR5 ▲	442	466	5.43	503	476	-5.37	613	496	-19.09	660	501	-24.09	693	481	-30.59
SR6 ▲	259	275	6.18	235	284	20.85	158	289	82.91	174	282	62.07	308	275	-10.71
SR7 ▲	522	541	3.64	492	561	14.02	598	621	3.85	631	669	6.02	674	722	7.12
SR8 ▲	395	453	14.68	393	450	14.50	391	455	16.37	387	460	18.86	381	453	18.90
STATE ▲	2846	3286	15.46	2963	3371	13.77	3210	3548	10.53	3244	3642	12.27	3240	3520	8.64

▲Less than 5 percent of the respondents participated.

●No response.

APPENDIX TABLE G-56  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN ARCHERY BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 ▲	3563	5417	52.03	3535	5647	59.75	3498	5913	69.04	3444	5873	70.53	3390	6024	77.70
SR2 ▲	6350	7690	21.10	6322	7816	23.63	6495	8194	26.16	6462	8471	31.09	6405	8088	26.28
SR3 ●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR4 ▲	327	315	-3.67	344	327	-4.94	376	335	-10.90	389	343	-11.83	401	400	-0.25
SR5 ▲	1944	2085	7.25	2212	2140	-3.25	2696	2248	-16.62	2903	2268	-21.87	3050	2177	-28.62
SR6 ▲	582	625	7.39	528	647	22.54	355	662	86.48	391	645	64.96	693	630	-9.09
SR7 ▲	5022	5111	1.77	4734	5382	13.69	5757	6086	5.71	6070	6536	7.68	6487	7100	9.45
SR8 ▲	395	453	14.68	393	450	14.50	391	455	16.37	387	460	18.86	381	453	18.90
STATE ▲	18382	21781	18.49	19139	22536	17.75	20734	23983	15.67	20953	24632	17.56	20933	23616	12.82

▲Less than 5 percent of the respondents participated.

●No response.

APPENDIX TABLE G-57  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN TRAPSHOOTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 A	470	472	0.43	547	493	-9.87	643	516	-19.75	677	511	-24.52	713	528	-25.95
SR2 A	1245	1453	16.71	1286	1498	16.49	1218	1595	30.95	1241	1640	32.15	1215	1590	30.86
SR3 A	164	184	12.20	164	197	20.12	169	218	28.99	169	223	31.95	172	165	-4.07
SR4 A	2509	3345	33.32	2728	3456	26.69	3211	3610	12.43	3505	3683	5.08	3674	3318	-9.69
SR5 A	1779	1797	1.01	2195	1831	-16.58	2877	1885	-34.48	2932	1892	-35.47	3092	1899	-38.58
SR6 A	449	417	-7.13	485	418	-13.81	526	407	-22.62	514	384	-25.29	513	366	-28.65
SR7 A	1453	1469	1.10	1497	1521	1.60	1631	1671	2.45	1750	1789	2.23	2072	1917	-7.48
SR8 A	78	60	-23.08	78	57	-26.92	77	50	-35.06	76	46	-39.47	75	46	-38.67
STATE A	7631	8508	11.49	8406	8743	4.01	9666	9183	-5.00	10312	9380	-9.04	10833	9182	-15.24

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-58  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN TRAPSHOOTING BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 A	1975	1993	0.91	2299	2084	-9.35	2700	2180	-19.26	2845	2158	-24.15	2996	2233	-25.47
SR2 A	12898	15315	18.74	13325	15967	19.83	12622	17193	36.21	12856	17644	37.24	12591	17041	35.34
SR3 A	664	828	24.70	664	885	33.28	685	982	43.36	686	1002	46.06	699	741	6.01
SR4 A	20172	28297	40.28	21929	29390	34.02	25817	30838	19.45	28180	31482	11.72	29540	27847	-5.73
SR5 A	7028	6819	-2.97	8669	6897	-20.44	11366	6993	-38.47	11581	6993	-39.62	12214	7201	-41.04
SR6 A	3399	3421	0.65	3670	3492	-4.85	3981	3492	-12.28	3889	3357	-43.68	3883	3245	-16.43
SR7 A	23373	24199	3.53	24080	24383	1.26	26248	25845	-1.54	28162	27765	-1.41	33344	29432	-11.73
SR8 A	1093	835	-23.60	1087	796	-26.77	1083	703	-35.09	1070	650	-39.25	1053	641	-39.13
STATE A	69826	77113	10.44	81066	78522	-3.14	97191	81664	-15.98	109694	83477	-23.90	118716	81758	-31.13

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-59  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN SOCCER BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR2▲	266	269	1.13	268	260	-2.99	276	251	-9.06	283	256	-9.54	288	252	-12.50
SR3●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR4●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR5▲	356	319	-10.39	364	310	-14.84	379	299	-21.11	409	301	-26.41	433	306	-29.33
SR6▲	799	813	1.75	913	802	-12.16	1051	792	-24.64	1093	782	-28.45	1130	761	-32.65
SR7▲	68	72	5.88	69	71	2.50	73	72	-1.37	77	78	1.30	81	82	1.23
SR8●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
STATE▲	1746	1687	-3.38	1997	1672	-16.27	2408	1690	-29.82	2610	1738	-33.41	2778	1709	-38.46

▲Less than 5 percent of the respondents participated.

●No response.

APPENDIX TABLE G-60  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN SOCCER BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR2▲	2838	2872	1.20	2863	2770	-3.25	2944	2676	-9.10	3021	2735	-9.47	3077	2690	-12.58
SR3●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR4●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SR5▲	3114	2824	-9.31	3184	2745	-13.79	3316	2659	-19.81	3578	2690	-24.82	3787	2679	-29.26
SR6▲	14209	15950	12.25	16235	15935	-1.85	18695	15898	-14.96	19429	15679	-19.30	20086	15286	-23.90
SR7▲	2451	2607	6.36	2494	2548	2.17	2642	2599	-1.63	2786	2817	1.11	2923	2955	1.09
SR8●	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
STATE▲	31221	28685	-8.12	35705	28755	-19.47	43046	29517	-31.43	46668	30361	-34.94	49665	29588	-40.42

▲Less than 5 percent of the respondents participated.

●No response.

APPENDIX TABLE G-61  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF PARTICIPANTS  
 IN HORSESHOES BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF PARTICIPANTS														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 A	470	457	-2.77	432	476	10.19	310	497	60.32	332	489	47.29	534	494	-7.49
SR2 A	617	674	9.24	615	700	13.82	632	748	18.35	575	771	34.09	533	782	46.72
SR3 A	328	275	-16.16	363	292	-19.56	402	324	-19.40	449	331	-26.28	498	248	-50.20
SR4 A	508	804	58.27	558	855	53.23	687	914	33.04	649	939	44.68	636	850	33.65
SR5 A	798	873	9.40	733	903	23.19	636	954	50.00	581	962	65.58	484	525	91.12
SR6 A	959	986	2.82	965	994	3.01	959	986	2.82	932	955	2.47	901	923	2.44
SR7 A	1714	1613	-5.89	1793	1692	-5.63	1929	1870	-3.06	2065	1973	-4.46	2196	2100	-4.37
SR8 A	477	442	-7.34	498	448	-10.04	690	446	-35.36	693	433	-37.52	705	425	-39.72
STATE A	6273	6649	5.99	6373	6897	8.22	6579	7288	10.78	6496	7405	13.99	6372	7276	14.19

▲Less than 5 percent of the respondents participated.

APPENDIX TABLE G-62  
 COMPARISON OF STATISTICAL AND AGE/SEX COHORT METHODS FOR TOTAL NUMBER OF DAYS OF PARTICIPATION  
 IN HORSESHOES BY NORTH DAKOTA RESIDENTS FOR 1978, 1980, 1985, 1990 AND 1995

REGION	COMPARISON OF TOTAL NUMBER OF DAYS OF PARTICIPATION														
	1978			1980			1985			1990			1995		
	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE	STATIS- TICAL METHOD	AGE/SEX COHORT METHOD	PERCENT DIFFER- ENCE
SR1 A	1129	1082	-4.16	1037	1126	8.58	745	1175	57.72	797	1155	44.92	1282	1159	-9.59
SR2 A	1243	1408	13.27	1230	1467	19.27	1265	1577	24.66	1150	1627	41.48	1067	1618	51.64
SR3 A	1885	275	-85.41	2088	292	-86.02	2310	324	-85.97	2581	331	-87.18	2865	248	-91.34
SR4 A	2987	5236	75.29	3280	5595	70.58	4039	6037	49.47	3815	6201	62.54	3742	5310	41.90
SR5 A	3725	4211	13.05	3421	4383	28.12	2969	4674	57.43	2711	4718	74.03	2260	4534	100.62
SR6 A	4028	3848	-4.47	4053	3834	-5.40	4026	3722	-7.55	3914	3554	-9.20	3785	3392	-10.38
SR7 A	13709	11835	-13.67	14342	12038	-16.06	15436	12321	-20.18	16517	12648	-23.42	17568	12828	-26.98
SR8 A	1588	1670	5.16	1659	1717	3.50	2299	1751	-23.84	2307	1726	-25.18	2348	1695	-27.81
STATE A	33499	30876	-7.83	34033	31586	-7.19	35133	32486	-7.53	34688	32700	-5.73	34026	33450	-1.65

▲Less than 5 percent of the respondents participated.





APPENDIX H  
DISTRIBUTION OF TOTAL NUMBER OF DAYS  
OF PARTICIPATION BY RESPONDENTS



APPENDIX TABLE 'H'-1  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN UPLAND GAME HUNTING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	423 5.26 87.22 62.95	53 0.66 10.93 3.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 0.11 1.86 0.90	485 6.03
SR2	84 1.05 4.76 12.50	1509 18.77 85.50 85.93	15 0.19 0.85 3.69	0 0.00 0.00 0.00	12 0.15 0.68 1.26	5 0.06 0.28 0.57	106 1.32 6.01 4.86	34 0.42 1.93 3.41	1765 21.96
SR3	12 0.15 3.23 1.79	20 0.25 5.38 1.14	282 3.51 75.81 69.29	6 0.07 1.61 3.02	12 0.15 3.23 1.26	1 0.01 0.27 0.11	25 0.31 6.72 1.15	14 0.17 3.76 1.40	372 4.63
SR4	7 0.09 2.17 1.04	16 0.20 4.97 0.91	47 0.58 14.60 11.55	187 2.33 58.07 93.97	15 0.19 4.66 1.58	17 0.21 5.28 1.94	16 0.20 4.97 0.73	17 0.21 5.28 1.71	322 4.01
SR5	42 0.52 3.23 6.25	64 0.80 4.92 3.64	33 0.41 2.54 8.11	0 0.00 0.00 0.00	877 10.91 67.41 92.22	74 0.92 5.69 8.44	155 1.93 11.91 7.11	56 0.70 4.30 5.62	1301 16.19
SR6	10 0.12 1.07 1.49	45 0.56 4.83 2.56	11 0.14 1.18 2.70	6 0.07 0.64 3.02	31 0.39 3.33 3.26	721 8.97 77.44 82.21	45 0.56 4.83 2.07	62 0.77 6.66 6.22	931 11.58
SR7	71 0.38 3.41 10.57	40 0.50 1.92 2.28	3 0.04 0.14 0.74	0 0.00 0.00 0.00	4 0.05 0.19 0.42	59 0.73 2.84 6.73	1831 22.78 87.99 84.03	73 0.91 3.51 7.32	2081 25.89
SR8	23 0.29 2.94 3.42	9 0.11 1.15 0.51	16 0.20 2.05 3.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.01 0.13 0.05	732 9.11 93.73 73.42	781 9.72
TOTAL	672 8.36	1756 21.85	407 5.06	199 2.48	951 11.83	877 10.91	2179 27.11	997 12.40	8038 100.00

APPENDIX TABLE H-2  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN WATERFOWL HUNTING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	273 2.69 82.23 81.25	54 0.53 16.27 1.96	2 0.02 0.60 0.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.03 0.90 0.21	0 0.00 0.00 0.00	332 3.28
SR2	16 0.16 0.65 4.76	2259 22.29 91.20 82.09	78 0.77 3.15 3.96	2 0.02 0.08 0.37	1 0.01 0.04 0.11	22 0.22 0.89 1.09	95 0.94 3.84 6.80	4 0.04 0.16 1.91	2477 24.44
SR3	0 0.00 0.00 0.00	26 0.26 2.11 0.94	1165 11.50 94.64 59.08	14 0.14 1.14 2.58	19 0.19 1.54 2.10	6 0.06 0.49 0.30	0 0.00 0.00 0.00	1 0.01 0.08 0.48	1231 12.15
SR4	0 0.00 0.00 0.00	40 0.39 4.46 1.45	260 2.57 28.99 13.18	484 4.78 53.96 89.30	46 0.45 5.13 5.08	51 0.50 5.69 2.53	14 0.14 1.56 1.00	2 0.02 0.22 0.96	897 8.85
SR5	17 0.17 1.06 5.06	71 0.70 4.41 2.58	239 2.36 14.34 12.12	26 0.26 1.61 4.80	322 8.11 51.02 90.73	371 3.66 23.03 18.38	49 0.48 3.04 3.51	16 0.16 0.99 7.66	1611 15.90
SR6	0 0.00 0.00 0.00	95 0.94 5.48 3.45	85 0.84 4.90 4.31	10 0.10 0.58 1.85	15 0.15 0.87 1.66	1418 13.99 81.78 70.23	83 0.82 4.79 5.94	28 0.28 1.61 13.40	1734 17.11
SR7	19 0.19 1.18 5.65	171 1.69 10.59 6.21	127 1.25 7.86 6.44	6 0.06 0.37 1.11	0 0.00 0.00 0.00	143 1.41 8.85 7.08	1149 11.34 71.15 82.19	0 0.00 0.00 0.00	1615 15.94
SR8	11 0.11 4.64 3.27	36 0.36 15.19 1.31	16 0.16 6.75 0.81	0 0.00 0.00 0.00	3 0.03 1.27 0.33	8 0.08 3.38 0.40	5 0.05 2.11 0.36	158 1.56 66.67 75.60	237 2.34
TOTAL	336 3.32	2752 27.16	1972 19.46	542 5.35	905 8.94	2019 19.92	1398 13.80	209 2.06	10134 100.00

APPENDIX TABLE H-3  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN BIG GAME HUNTING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	169 4.20 88.02 47.61	11 0.27 5.73 1.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 0.22 4.69 1.49	0 0.00 0.00 0.00	3 0.07 1.56 0.57	192 4.77
SR2	41 1.02 5.47 11.55	607 15.07 80.93 79.14	6 0.15 0.80 2.11	6 0.15 0.80 2.32	0 0.00 0.00 0.00	33 0.82 4.40 5.47	43 1.07 5.73 6.29	14 0.35 1.87 2.65	750 18.62
SR3	3 0.07 1.10 0.85	39 0.97 14.29 5.08	219 5.44 80.22 76.84	2 0.05 0.73 0.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.07 1.10 0.44	7 0.17 2.56 1.33	273 6.78
SR4	32 0.79 7.14 9.01	25 0.62 5.58 3.26	20 0.50 4.46 7.02	251 6.23 56.03 96.91	26 0.65 5.80 4.76	36 0.89 8.04 5.97	18 0.45 4.02 2.63	40 0.99 8.93 7.58	448 11.12
SR5	29 0.72 3.70 8.17	22 0.55 2.81 2.87	19 0.47 2.42 6.67	0 0.00 0.00 0.00	489 12.14 62.37 89.56	44 1.09 5.61 7.30	61 1.51 7.78 8.92	120 2.98 15.31 22.73	784 19.47
SR6	9 0.22 1.49 2.54	10 0.25 1.66 1.30	4 0.10 0.66 1.40	0 0.00 0.00 0.00	31 0.77 5.13 5.68	462 11.47 76.49 76.62	32 0.79 5.30 4.68	56 1.39 9.27 10.61	604 15.00
SR7	69 1.71 9.21 19.44	50 1.24 6.68 6.52	17 0.42 2.27 5.96	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 0.47 2.54 3.15	511 12.69 68.22 74.71	83 2.06 11.08 15.72	749 18.60
SR8	3 0.07 1.40 0.85	3 0.07 1.40 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.10 1.86 0.58	205 5.09 95.35 38.83	215 5.34
TOTAL	355 8.82	767 19.05	285 7.08	259 6.43	546 13.56	603 14.97	684 16.99	528 13.11	4027 100.00

APPENDIX TABLE H-4  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN NONGAME HUNTING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	326 6.31 90.06 84.02	15 0.29 4.14 1.68	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21 0.41 5.80 3.56	362 7.01
SR2	24 0.46 2.70 6.19	849 16.43 95.39 94.86	1 0.02 0.11 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.08 0.45 0.61	4 0.08 0.45 0.33	8 0.15 0.90 1.36	890 17.22
SR3	12 0.23 2.43 3.09	10 0.19 2.02 1.12	455 8.81 92.11 88.87	10 0.19 2.02 2.84	0 0.00 0.00 0.00	3 0.06 0.61 0.46	4 0.08 0.81 0.33	0 0.00 0.00 0.00	494 9.56
SR4	0 0.00 0.00 0.00	2 0.04 0.51 0.22	28 0.54 7.07 5.47	342 6.62 86.36 97.16	22 0.43 5.56 4.04	2 0.04 0.51 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	396 7.66
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13 0.25 2.12 2.54	0 0.00 0.00 0.00	522 10.10 85.15 95.78	13 0.25 2.12 1.98	36 0.70 5.87 2.93	29 0.56 4.73 4.92	613 11.86
SR6	11 0.21 1.61 2.84	6 0.12 0.88 0.67	5 0.10 0.73 0.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	629 12.17 91.82 96.03	31 0.60 4.53 2.52	3 0.06 0.44 0.51	685 13.26
SR7	9 0.17 0.75 2.32	13 0.25 1.08 1.45	10 0.19 0.83 4.95	0 0.00 0.00 0.00	1 0.02 0.08 0.18	4 0.08 0.33 0.61	1154 22.33 95.85 93.82	13 0.25 1.08 2.20	1204 23.30
SR8	6 0.12 1.15 1.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 0.19 0.08	516 9.99 98.66 87.46	523 10.12
TOTAL	388 7.51	895 17.32	512 9.91	352 6.81	545 10.55	655 12.68	1230 23.80	590 11.42	5167 100.00

APPENDIX TABLE H-5  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN ICE FISHING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	304 5.91 92.68 98.38	24 0.47 7.32 2.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	328 6.38
SR2	3 0.06 0.25 0.97	991 19.28 81.30 86.63	80 1.56 6.56 9.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	144 2.80 11.81 10.51	1 0.02 0.08 0.52		1219 23.72
SR3	0 0.00 0.00 0.00	42 0.82 6.27 3.67	612 11.91 91.34 71.00	5 0.10 0.75 2.37	0 0.00 0.00 0.00	6 0.12 0.90 0.96	0 0.00 0.00 0.00	5 0.10 0.75 2.59		670 13.04
SR4	0 0.00 0.00 0.00	2 0.04 0.50 0.17	115 2.24 28.68 13.34	206 4.01 51.37 97.63	68 1.32 16.96 16.08	10 0.19 2.49 1.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00		401 7.80
SR5	2 0.04 0.50 0.65	0 0.00 0.00 0.00	16 0.31 4.00 1.86	0 0.00 0.00 0.00	347 6.75 86.75 82.03	33 0.64 8.25 5.25	2 0.04 0.50 0.15	0 0.00 0.00 0.00		400 7.78
SR6	0 0.00 0.00 0.00	11 0.21 1.69 0.96	6 0.12 0.92 0.70	0 0.00 0.00 0.00	8 0.16 1.23 1.89	553 10.76 84.95 88.06	46 0.89 7.07 3.36	27 0.53 4.15 13.99		651 12.67
SR7	0 0.00 0.00 0.00	72 1.40 5.54 6.29	33 0.64 2.54 3.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 0.39 1.54 3.18	1175 22.86 90.38 85.77	0 0.00 0.00 0.00		1300 25.29
SR8	0 0.00 0.00 0.00	2 0.04 1.17 0.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.12 3.51 0.96	3 0.06 1.75 0.22	160 3.11 93.57 82.90		171 3.33
TOTAL	309 6.01	1144 22.26	862 16.77	211 4.14	423 8.23	628 12.22	1370 26.65	193 3.75		5140 100.00

APPENDIX TABLE H-6  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN CROSS-COUNTRY SKIING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	72 2.42 93.51 100.00	1 0.03 1.30 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.13 5.19 0.66	0 0.00 0.00 0.00	77 2.59
SR2	0 0.00 0.00 0.00	297 9.98 100.00 89.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	297 9.98
SR3	0 0.00 0.00 0.00	6 0.20 2.97 1.80	196 6.59 97.03 97.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	202 6.79
SR4	0 0.00 0.00 0.00	8 0.27 1.94 2.40	2 0.07 0.48 1.00	385 12.94 93.22 96.25	11 0.37 2.66 1.40	0 0.00 0.00 0.00	1 0.03 0.24 0.16	6 0.20 1.45 2.61		413 13.88
SR5	0 0.00 0.00 0.00	9 0.30 1.13 2.70	3 0.10 0.38 1.49	3 0.10 0.38 0.75	769 25.85 96.73 98.09	0 0.00 0.00 0.00	11 0.37 1.38 1.81	0 0.00 0.00 0.00		795 26.72
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.17 1.41 1.25	2 0.07 0.56 0.26	347 11.66 98.02 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00		354 11.90
SR7	0 0.00 0.00 0.00	11 0.37 1.79 3.30	0 0.00 0.00 0.00	7 0.24 1.14 1.75	2 0.07 0.33 0.26	0 0.00 0.00 0.00	592 19.90 96.42 97.37	2 0.07 0.33 0.87		614 20.64
SR8	0 0.00 0.00 0.00	1 0.03 0.45 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	222 7.46 99.55 96.52		223 7.50
TOTAL	72 2.42	333 11.19	201 6.76	400 13.45	784 26.35	347 11.66	608 20.44	230 7.73		2975 100.00



APPENDIX TABLE H-7  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN DOWNHILL SKIING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	3 0.21 11.11 75.00	24 1.65 88.89 3.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27 1.86
SR2	0 0.00 0.00 0.00	496 34.16 100.00 66.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	496 34.16
SR3	0 0.00 0.00 0.00	73 5.03 24.01 9.76	205 14.12 67.43 94.47	26 1.79 8.55 11.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	304 20.94
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.48 3.33 3.23	190 13.09 90.48 85.20	11 0.76 5.24 12.22	0 0.00 0.00 0.00	2 0.14 0.95 6.90	0 0.00 0.00 0.00	210 14.46
SR5	0 0.00 0.00 0.00	1 0.07 1.54 0.13	1 0.07 1.54 0.46	3 0.21 4.62 1.35	56 3.86 86.15 62.22	0 0.00 0.00 0.00	3 0.21 4.62 10.34	1 0.07 1.54 3.70	65 4.48
SR6	1 0.07 0.61 25.00	27 1.86 16.56 3.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21 1.45 12.88 23.33	114 7.85 69.94 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	163 11.23
SR7	0 0.00 0.00 0.00	127 8.75 78.88 16.98	4 0.28 2.47 1.84	4 0.28 2.48 1.79	2 0.14 1.24 2.22	0 0.00 0.00 0.00	24 1.65 14.91 82.76	0 0.00 0.00 0.00	161 11.09
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26 1.79 100.00 96.30	26 1.79
TOTAL	4 0.28	748 51.52	217 14.94	223 15.36	90 6.20	114 7.85	29 2.00	27 1.86	1452 100.00

APPENDIX TABLE H-8  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN SNOWMOBILING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	891 4.88 95.50 95.19	38 0.21 4.07 1.04	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.02 0.43 0.20	933 5.11
SR2	13 0.07 0.37 1.39	3458 18.95 97.11 94.79	33 0.18 0.93 1.24	34 0.49 0.95 1.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23 0.13 0.65 0.74	0 0.00 0.00 0.00	3561 19.52
SR3	0 0.00 0.00 0.00	17 0.09 0.67 0.47	2480 13.59 97.29 92.88	45 0.25 1.77 2.63	0 0.00 0.00 0.00	1 0.01 0.04 0.06	0 0.00 0.00 0.00	6 0.03 0.24 0.31	2549 13.97
SR4	0 0.00 0.00 0.00	34 0.19 1.94 0.93	88 0.48 5.01 3.30	1603 8.79 91.29 93.69	21 0.12 1.20 0.86	8 0.04 0.46 0.45	2 0.01 0.11 0.06	0 0.00 0.00 0.00	1756 9.62
SR5	0 0.00 0.00 0.00	22 0.12 0.88 0.60	5 0.03 0.20 0.19	29 0.16 1.16 1.69	2368 12.98 94.42 96.85	75 0.41 2.99 4.25	8 0.04 0.32 0.26	1 0.01 0.04 0.05	2508 13.75
SR6	17 0.09 1.01 1.82	37 0.20 2.19 1.01	12 0.07 0.71 0.45	0 0.00 0.00 0.00	51 0.28 3.02 2.09	1544 8.46 91.31 87.43	28 0.15 1.66 0.90	2 0.01 0.12 0.10	1691 9.27
SR7	9 0.05 0.27 0.96	42 0.23 1.27 1.15	52 0.29 1.57 1.95	0 0.00 0.00 0.00	5 0.03 0.15 0.20	138 0.76 4.18 7.81	3039 16.66 91.98 97.97	19 0.10 0.58 0.97	3304 18.11
SR8	6 0.03 0.31 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.01 0.10 0.06	1935 10.61 99.59 98.37	1943 10.65
TOTAL	936 5.13	3648 19.99	2670 14.63	1711 9.38	2445 13.40	1766 9.68	3102 17.00	1967 10.78	18245 100.00

APPENDIX TABLE H-9  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN SLEDDING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	769 7.44 99.10 96.25	6 0.06 0.77 0.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.01 0.13 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	776 7.51
SR2	0 0.00 0.00 0.00	1426 13.79 98.62 98.82	0 0.00 0.00 0.00	4 0.04 0.23 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16 0.15 1.11 0.66	0 0.00 0.00 0.00	1446 13.99
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	745 7.21 98.94 98.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.08 1.06 0.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	753 7.28
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 0.10 0.70 1.32	1411 13.65 98.67 99.58	9 0.09 0.63 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1430 13.83
SR5	24 0.23 1.67 3.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1337 13.42 96.72 98.65	4 0.04 0.28 0.35	19 0.18 1.32 0.79	0 0.00 0.00 0.00	1434 13.87
SR6	4 0.04 0.34 0.50	5 0.05 0.42 0.35	5 0.05 0.42 0.56	0 0.00 0.00 0.00	9 0.09 0.76 0.64	1144 11.06 96.87 98.96	14 0.14 1.19 0.57	0 0.00 0.00 0.00	1181 11.42
SR7	0 0.00 0.00 0.00	6 0.06 0.25 0.42	0 0.00 0.00 0.00	2 0.02 0.04 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2392 23.14 99.46 97.99	5 0.05 0.21 0.55	2405 23.26
SR8	2 0.02 0.22 0.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	912 8.82 99.78 99.45	914 8.84
TOTAL	799 7.73	1443 13.96	760 7.35	1417 13.71	1406 13.60	1156 11.18	2441 23.61	917 8.87	10339 100.00

APPENDIX TABLE H-10  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN ICE SKATING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	683 6.24 99.85 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.01 0.15 0.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	684 6.25
SR2	0 0.00 0.00 0.00	1491 13.63 99.33 99.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 0.09 0.67 0.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1501 13.72
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	917 8.38 99.24 100.00	9 0.07 0.00 0.00	7 0.06 0.76 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	924 8.45
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2457 22.46 99.64 99.68	4 0.04 0.16 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.05 0.20 0.68	2466 22.54
SR5	0 0.00 0.00 0.00	2 0.02 0.10 0.13	0 0.00 0.00 0.00	4 0.04 0.20 0.16	1960 17.91 99.39 98.54	4 0.04 0.20 0.40	2 0.02 0.10 0.12	0 0.00 0.00 0.00	1972 18.02
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1009 9.21 99.99 99.60	1 0.01 0.10 0.06	0 0.00 0.00 0.00	1009 9.22
SR7	0 0.00 0.00 0.00	0 0.00 0.36 0.40	0 0.00 0.00 0.00	4 0.04 0.24 0.16	7 0.06 0.42 0.35	0 0.00 0.00 0.00	1634 14.93 98.73 99.82	4 0.04 0.24 0.54	1655 15.13
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	730 6.67 100.00 98.78	730 6.67
TOTAL	683 6.24	1499 13.70	917 8.38	2457 22.53	1980 18.18	1012 9.25	1637 14.96	739 6.75	10941 100.00

APPENDIX TABLE H-11  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN HOCKEY FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	17 0.58 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17 0.58
SR2	0 0.00 0.00 0.00	215 7.32 85.66 96.41	0 0.00 0.00 0.00	26 0.88 10.36 2.32	10 0.34 3.98 1.96	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	251 8.54
SR3	0 0.00 0.00 0.00	3 0.10 1.06 1.35	261 8.88 92.55 95.60	14 0.48 4.96 1.25	3 0.10 1.06 0.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.03 0.35 2.78	0 0.00 0.00 0.00	282 9.60
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.07 0.19 0.73	1018 34.64 98.36 90.89	15 0.51 1.45 2.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1035 35.22
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	44 1.50 8.12 3.93	481 16.37 88.75 94.50	5 0.17 0.92 0.95	7 0.24 1.29 2.95	5 0.17 0.92 13.89	0 0.00 0.00 0.00	542 18.44
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.20 1.13 0.54	0 0.00 0.00 0.00	519 17.66 97.74 99.05	6 0.20 1.13 2.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	531 18.07
SR7	0 0.00 0.00 0.00	5 0.17 1.99 2.24	10 0.34 3.98 3.66	12 0.41 4.78 1.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	224 7.62 89.24 94.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	251 8.54
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	30 1.02 100.00 83.33	0 0.00 0.00 0.00	30 1.02
TOTAL	17 0.58	223 7.59	273 9.29	1120 38.11	509 17.32	524 17.83	237 8.06	36 1.22	2939 100.00	

APPENDIX TABLE H-12  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN FISHING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	578 3.93 78.11 73.63	96 0.65 12.97 4.00	1 0.01 0.14 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	65 0.44 8.78 7.19	740 5.03
SR2	50 0.34 1.48 6.37	2012 13.67 59.69 83.87	145 0.98 4.30 9.85	10 0.07 0.30 1.94	43 0.29 1.28 4.84	32 0.22 0.95 1.52	1075 7.30 31.89 19.02	4 0.03 0.12 0.44	3371 22.90
SR3	11 0.07 1.25 1.40	32 0.22 3.62 1.33	803 5.45 90.94 54.55	9 0.06 1.02 1.75	0 0.00 0.00 0.00	10 0.07 1.13 0.47	0 0.00 0.00 0.00	18 0.12 2.04 1.99	883 6.00
SR4	2 0.01 0.22 0.25	8 0.05 0.89 0.33	229 1.56 25.39 15.56	454 3.08 50.33 88.16	107 0.73 11.86 12.05	79 0.54 8.76 3.75	17 0.12 1.88 0.30	6 0.04 0.67 0.66	902 6.13
SR5	19 0.13 1.76 2.42	29 0.20 2.68 1.21	87 0.59 8.05 5.91	7 0.05 0.65 1.36	659 4.48 60.96 74.21	163 1.11 15.08 7.74	94 0.64 8.70 1.66	23 0.16 2.13 2.54	1081 7.34
SR6	17 0.12 0.80 2.17	60 0.41 2.81 2.50	116 0.79 5.43 7.88	12 0.08 0.56 2.33	35 0.24 1.64 3.94	1769 12.02 82.82 84.00	96 0.65 4.49 1.70	31 0.21 1.45 3.43	2136 14.51
SR7	9 0.06 0.20 1.15	126 0.86 2.74 5.25	88 0.60 1.91 5.98	23 0.16 0.50 4.47	44 0.30 0.96 4.95	45 0.31 0.98 2.14	4244 28.83 92.14 75.08	27 0.18 0.59 2.99	4606 31.29
SR8	99 0.67 9.87 12.61	36 0.24 3.59 1.50	3 0.02 0.30 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.05 0.80 0.38	127 0.86 12.66 2.25	730 4.96 72.78 80.75	1003 6.81
TOTAL	785 5.33	2399 16.30	1472 10.00	515 3.50	888 6.03	2106 14.31	5653 38.40	904 6.14	14722 100.00

APPENDIX TABLE H-13  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN POWERBOATING/WATERSKIING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	163 2.10 93.68 55.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	81 0.14 6.32 2.86	174 2.24
SR2	59 0.76 2.31 20.21	1762 22.73 68.96 90.27	32 0.41 1.25 2.86	0 0.00 0.00 0.00	28 0.36 1.10 10.61	0 0.00 0.00 0.00	670 8.64 26.22 26.02	4 0.05 0.16 1.04	2555 32.96
SR3	0 0.00 0.00 0.00	51 0.66 4.78 2.61	973 12.55 91.10 87.11	30 0.39 2.81 6.38	6 0.08 0.56 2.27	0 0.00 0.00 0.00	8 0.10 0.75 0.31	0 0.00 0.00 0.00	1068 13.78
SR4	0 0.00 0.00 0.00	86 1.11 12.10 4.41	81 1.04 11.39 7.25	439 5.66 61.74 93.40	75 0.97 10.55 28.41	29 0.37 4.08 4.15	0 0.00 0.00 0.00	1 0.01 0.14 0.26	711 9.17
SR5	0 0.00 0.00 0.00	6 0.08 2.19 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	134 1.73 48.91 50.76	111 1.43 40.51 15.90	20 0.26 7.30 0.78	3 0.04 1.09 0.78	274 3.53
SR6	0 0.00 0.00 0.00	24 0.31 3.83 1.23	25 0.32 3.99 2.24	0 0.00 0.00 0.00	21 0.27 3.35 7.95	515 6.64 82.14 73.78	42 0.54 6.70 1.63	0 0.00 0.00 0.00	627 8.09
SR7	9 0.12 0.48 3.08	21 0.27 1.13 1.08	6 0.08 0.32 0.54	1 0.01 0.05 0.21	0 0.00 0.00 0.00	41 0.53 2.20 5.87	1783 23.00 95.81 69.24	0 0.00 0.00 0.00	1861 24.01
SR8	61 0.79 12.66 20.89	2 0.03 0.41 0.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03 0.41 0.29	52 0.67 10.79 2.02	365 4.71 75.73 95.05	482 6.22
TOTAL	292 3.77	1952 25.18	1117 14.41	470 6.06	264 3.41	698 9.00	2575 33.22	384 4.95	7752 100.00

APPENDIX TABLE H-14  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN BEACH SWIMMING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	240 3.52 91.50 86.02	4 0.06 1.53 0.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 0.26 6.87 7.38	262 3.84
SR2	9 0.13 0.42 3.23	1266 12.57 58.61 86.71	34 0.50 1.57 4.88	4 0.06 0.19 0.70	45 0.65 2.08 10.69	0 0.00 0.00 0.00	792 11.61 36.67 32.99	0 0.00 0.00 0.00	10 0.15 0.46 4.10	2160 31.68
SR3	0 0.00 0.00 0.00	36 0.53 5.24 2.47	605 8.97 88.06 86.90	40 0.59 5.82 6.97	0 0.00 0.00 0.00	6 0.09 0.37 0.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	687 10.07
SR4	0 0.00 0.00 0.00	82 1.20 11.11 5.62	51 0.75 6.91 7.32	530 7.77 71.82 92.33	54 0.79 7.32 12.83	20 0.29 2.71 2.69	1 0.01 0.14 0.04	0 0.00 0.00 0.00	0 0.00 0.00 0.00	739 10.82
SR5	0 0.00 0.00 0.00	18 0.26 5.00 1.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	279 4.09 77.50 66.27	26 0.38 7.22 3.50	33 0.48 9.17 1.37	4 0.06 1.11 1.64	0 0.00 0.00 0.00	360 5.28
SR6	0 0.00 0.00 0.00	9 0.13 1.15 0.62	6 0.09 0.77 0.86	0 0.00 0.00 0.00	43 0.63 5.49 10.21	648 9.50 82.76 87.21	77 1.13 9.83 3.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	783 11.48
SR7	6 0.09 0.38 2.15	45 0.66 2.87 3.08	1 0.01 0.06 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35 0.51 2.23 4.71	1473 21.60 94.06 61.35	6 0.09 0.38 2.46	0 0.00 0.00 0.00	1566 22.97
SR8	24 0.35 9.13 8.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.12 3.04 1.08	25 0.37 9.51 1.04	206 3.02 78.33 84.43	0 0.00 0.00 0.00	263 3.86
TOTAL	279 4.09	1460 21.41	697 10.22	574 8.42	421 6.17	743 10.90	2401 35.21	244 3.58	6819 100.00	



APPENDIX TABLE H-15  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN OUTDOOR POOL SWIMMING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	533 3.75 100.00 92.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	533 3.75
SR2	32 0.23 1.87 5.53	1635 11.50 95.39 99.76	12 0.08 0.70 0.82	1 0.01 0.06 0.06	4 0.03 0.23 0.15	0 0.00 0.00 0.00	13 0.09 0.76 0.45	17 0.12 0.99 1.61	1714 12.06
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1444 10.16 94.81 98.57	5 0.04 0.33 0.32	3 0.02 0.20 0.11	57 0.40 3.74 2.53	0 0.00 0.00 0.00	14 0.10 0.92 1.32	1523 10.71
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.02 0.19 0.20	1541 10.84 99.04 97.29	4 0.03 0.26 0.15	8 0.06 0.51 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1556 10.95
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	37 0.26 1.30 2.34	2696 18.97 94.53 98.65	43 0.30 1.51 1.91	9 0.06 0.32 0.31	67 0.47 2.35 6.33	2852 20.06
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.04 0.27 0.41	0 0.00 0.00 0.00	10 0.07 0.45 0.37	2140 15.06 96.22 94.82	12 0.08 0.54 0.41	56 0.39 2.52 5.29	2224 15.65
SR7	6 0.04 0.21 1.04	4 0.03 0.14 0.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16 0.11 0.55 0.59	9 0.06 0.31 0.40	2840 19.98 98.27 98.00	15 0.11 0.52 1.42	2890 20.33
SR8	8 0.06 0.87 1.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24 0.17 2.60 0.83	890 6.26 96.53 84.04	922 6.49
TOTAL	579 4.07	1639 11.53	1465 10.31	1584 11.14	2733 19.23	2257 15.88	2898 20.39	1059 7.45	14214 100.00

APPENDIX TABLE H-16  
DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
IN PICNICKING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	372 4.56 93.94 96.88	18 0.22 4.55 1.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.06 1.26 0.22	1 0.01 0.25 0.15	396 4.85
SR2	2 0.02 0.17 0.52	882 10.80 76.03 81.89	37 0.45 3.19 5.73	8 0.10 0.69 0.98	30 0.37 2.59 3.23	4 0.05 0.34 0.30	180 2.21 15.52 7.79	17 0.21 1.47 2.63	1160 14.21
SR3	0 0.00 0.00 0.00	13 0.16 2.23 1.21	507 6.21 86.96 78.48	30 0.37 5.15 3.66	1 0.01 0.17 0.11	16 0.20 2.74 1.19	5 0.06 0.86 0.22	11 0.13 1.89 1.70	583 7.14
SR4	0 0.00 0.00 0.00	2 0.02 0.22 0.19	68 0.83 7.41 10.53	748 9.16 81.48 91.33	54 0.66 5.88 5.81	35 0.43 3.81 2.59	8 0.10 0.87 0.35	3 0.04 0.33 0.46	918 11.25
SR5	2 0.02 0.22 0.52	12 0.15 1.29 1.11	0 0.00 0.00 0.00	7 0.09 0.75 0.85	784 9.60 84.39 84.30	52 0.64 5.60 3.85	26 0.32 2.80 1.12	46 0.56 4.95 7.12	929 11.38
SR6	0 0.00 0.00 0.00	13 0.16 0.93 1.21	28 0.34 2.01 4.33	17 0.21 1.22 2.08	43 0.53 3.09 4.62	1213 14.86 87.20 89.92	24 0.29 1.73 1.04	53 0.65 3.81 8.20	1391 17.04
SR7	3 0.04 0.13 0.78	136 1.67 6.10 12.63	6 0.07 0.27 0.93	9 0.11 0.40 1.10	18 0.22 0.91 1.94	24 0.27 1.08 1.78	1972 24.16 88.51 85.29	60 0.74 2.69 9.29	2228 27.29
SR8	5 0.06 0.90 1.30	1 0.01 0.18 0.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.06 0.90 0.37	92 1.13 16.52 3.98	454 5.56 81.51 70.28	557 6.82
TOTAL	384 4.70	1077 13.19	646 7.91	819 10.03	930 11.39	1349 16.53	2312 28.32	646 7.91	8163 100.00

APPENDIX TABLE H-17  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN CAMPING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	308 3.30 67.10 51.42	64 0.68 13.94 4.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	87 0.93 18.95 7.30	459 4.91
SR2	140 1.50 6.23 23.37	952 10.19 42.39 70.89	47 0.50 2.09 6.22	4 0.04 0.18 0.74	15 0.16 0.67 4.30	24 0.26 1.07 2.28	983 10.52 43.77 28.02	81 0.87 3.61 6.80		2246 24.04
SR3	0 0.00 0.00 0.00	81 0.87 11.01 6.03	509 5.45 69.16 67.33	28 0.30 3.80 5.15	0 0.00 0.00 0.00	85 0.91 11.55 8.06	11 0.12 1.49 0.31	22 0.24 2.99 1.85		736 7.88
SR4	27 0.29 4.01 4.51	46 0.49 6.82 3.43	81 0.87 12.02 10.71	365 3.91 54.15 67.10	61 0.65 9.05 17.48	35 0.37 5.19 3.32	13 0.14 1.93 0.37	46 0.49 6.82 3.86		674 7.21
SR5	7 0.07 0.94 1.17	26 0.28 3.49 1.94	28 0.30 3.75 3.70	80 0.86 10.72 14.71	261 2.79 34.99 74.79	193 2.07 25.87 18.31	79 0.85 10.59 2.25	72 0.77 9.65 6.05		746 7.98
SR6	10 0.11 1.02 1.67	31 0.33 3.15 2.31	69 0.74 7.01 9.13	19 0.20 1.93 3.49	10 0.11 1.02 2.87	608 6.51 61.73 57.69	135 1.44 13.71 3.85	103 1.10 10.46 8.65		985 10.54
SR7	29 0.31 1.05 4.84	105 1.12 3.82 7.82	22 0.24 0.80 2.91	48 0.51 1.75 8.82	2 0.02 0.07 0.57	105 1.12 3.82 9.96	2215 23.71 80.55 63.14	224 2.40 8.15 18.81		2750 29.43
SR8	78 0.83 10.43 13.02	38 0.41 5.08 2.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.04 0.53 0.38	72 0.77 9.63 2.05	556 5.95 74.33 46.68		748 8.01
TOTAL	599 6.41	1343 14.37	756 8.09	544 5.82	349 3.74	1054 11.28	3508 37.54	1191 12.75		9344 100.00

APPENDIX TABLE H-18  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN VISITING HISTORICAL PLACES FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	105 3.60 43.57 58.99	22 0.75 9.13 7.05	2 0.07 0.83 0.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.07 0.83 1.18	14 0.48 5.81 1.65	96 3.29 39.83 10.51	241 8.26
SR2	15 0.51 3.32 8.43	127 4.36 28.10 40.71	44 1.51 9.73 21.67	19 0.65 4.20 15.45	10 0.34 2.21 5.85	8 0.27 1.77 4.73	112 3.84 24.78 13.22	117 4.01 25.88 12.81	452 15.50
SR3	1 0.03 0.71 0.56	24 0.82 17.14 7.69	52 1.78 37.14 25.62	8 0.27 5.71 6.50	15 0.51 10.71 8.77	3 0.10 2.14 1.78	13 0.45 9.29 1.53	24 0.82 17.14 2.63	140 4.80
SR4	20 0.69 7.58 11.24	16 0.55 6.06 5.13	31 1.06 11.74 15.27	70 2.40 26.52 56.91	3 0.10 1.14 1.75	21 0.72 7.95 12.43	51 1.75 19.32 6.02	52 1.78 19.70 5.70	264 9.05
SR5	7 0.24 2.29 3.93	27 0.93 8.82 8.65	16 0.55 5.23 7.88	6 0.21 1.96 4.88	104 3.57 33.99 60.82	13 0.45 4.25 7.69	45 1.54 14.71 5.31	88 3.02 28.76 9.64	306 10.49
SR6	9 0.31 2.22 5.06	19 0.65 4.69 6.09	54 1.85 13.33 26.60	4 0.14 0.99 3.25	18 0.62 4.44 10.53	77 2.64 19.01 45.56	96 3.29 23.70 11.33	128 4.39 31.60 14.02	405 13.89
SR7	20 0.69 2.22 11.24	60 2.06 6.67 19.23	3 0.10 0.33 1.48	15 0.51 1.67 12.20	19 0.65 2.11 11.11	37 1.27 4.11 21.89	490 16.80 54.44 57.85	256 8.78 28.44 28.04	900 30.86
SR8	1 0.03 0.48 0.56	17 0.58 8.17 5.45	1 0.03 0.48 0.49	1 0.03 0.48 0.81	2 0.07 0.96 1.17	8 0.27 3.85 4.73	26 0.89 12.50 3.07	152 5.21 73.08 16.65	208 7.13
TOTAL	178 6.10	312 10.70	203 6.96	123 4.22	171 5.86	169 5.80	847 29.05	913 31.31	2916 100.00

APPENDIX TABLE H-19  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN BICYCLING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	365 1.48 100.00 97.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	365 1.48
SR2	10 0.04 0.29 2.67	3377 13.73 98.63 99.65	0 0.00 0.00 0.00	2 0.01 0.06 0.06	6 0.02 0.18 0.11	3 0.01 0.09 0.10	26 0.11 0.76 0.54	0 0.00 0.00 0.00	3424 13.92
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2691 10.84 99.56 99.19	12 0.05 0.44 0.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2703 10.99
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3069 12.49 99.32 98.05	1 0.00 0.03 0.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 0.08 0.65 1.18	3090 12.56
SR5	0 0.00 0.00 0.00	2 0.01 0.03 0.06	12 0.05 0.21 0.44	14 0.19 0.77 1.41	5409 21.99 94.60 99.12	72 0.29 1.26 2.37	0 0.00 0.00 0.00	179 0.73 3.13 10.53	5718 23.25
SR6	0 0.00 0.00 0.00	2 0.01 0.07 0.06	10 0.04 0.33 0.37	3 0.01 0.10 0.10	36 0.15 1.19 0.66	2958 12.03 97.98 97.37	3 0.01 0.10 0.06	7 0.03 0.23 0.41	3019 12.28
SR7	0 0.00 0.00 0.00	8 0.03 0.17 0.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.02 0.10 0.09	5 0.02 0.10 0.16	4762 19.36 99.50 99.39	6 0.02 0.13 0.35	4786 19.46
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1488 6.05 100.00 87.53	1488 6.05
TOTAL	375 1.52	3389 13.73	2713 11.03	3130 12.73	5457 22.19	3038 12.35	4791 19.48	1700 6.91	24593 100.00

APPENDIX TABLE H-20  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN BASEBALL/SOFTBALL FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	389 4.36 93.51 97.98	2 0.02 0.48 0.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 0.13 2.88 0.56	0 0.00 0.00 0.00	3 0.03 0.72 0.15	10 0.11 2.40 3.10	416 4.66
SR2	2 0.02 0.15 0.50	1252 14.02 91.25 97.13	1 0.01 0.07 0.24	2 0.02 0.15 0.31	2 0.02 0.15 0.09	9 0.10 0.66 0.54	32 0.36 2.33 1.57	72 0.81 5.25 22.29	1372 15.37
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	399 4.47 97.08 94.10	2 0.02 0.49 0.31	4 0.04 0.97 0.19	4 0.04 0.97 0.24	2 0.02 0.49 0.10	0 0.00 0.00 0.00	411 4.60
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15 0.17 2.22 3.54	629 7.05 93.19 97.52	15 0.17 2.22 0.70	11 0.12 1.63 0.65	5 0.06 0.74 0.24	0 0.00 0.00 0.00	675 7.56
SR5	0 0.00 0.00 0.00	1 0.01 0.05 0.08	6 0.07 0.27 1.42	8 0.09 0.36 1.24	2068 23.16 93.53 97.18	117 1.31 5.29 6.96	11 0.12 0.50 0.54	0 0.00 0.00 0.00	2211 24.76
SR6	6 0.07 0.37 1.51	14 0.16 0.87 1.09	3 0.03 0.19 0.71	4 0.04 0.25 0.62	17 0.19 1.05 0.80	1506 16.87 93.31 89.64	30 0.34 1.86 1.47	34 0.38 2.11 10.53	1614 18.08
SR7	0 0.00 0.00 0.00	15 0.17 0.74 1.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 0.10 0.44 0.42	31 0.35 1.52 1.85	1955 21.90 95.97 95.74	27 0.30 1.33 8.36	2037 22.82
SR8	0 0.00 0.00 0.00	5 0.06 2.60 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.01 0.52 0.05	2 0.02 1.04 0.12	4 0.04 2.08 0.20	180 2.02 93.75 55.73	192 2.15
TOTAL	397 4.45	1289 14.44	424 4.75	645 7.22	2128 23.84	1680 18.82	2042 22.87	323 3.62	8928 100.00

APPENDIX TABLE H-21  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN GOLF FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SP5	SR6	SR7	SR8	
SR1	551 5.14 99.28 96.16	4 0.04 0.72 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	555 5.18
SR2	0 0.00 0.00 0.00	955 8.91 95.88 86.99	16 0.15 1.61 1.97	3 0.03 0.30 0.22	4 0.04 0.40 0.18	1 0.01 0.10 0.06	17 0.16 1.71 0.71	0 0.00 0.00 0.00	996 9.29
SR3	10 0.09 1.22 1.75	3 0.03 0.37 0.27	774 7.22 94.62 95.32	17 0.16 2.08 1.23	1 0.01 0.12 0.05	10 0.09 1.22 0.60	3 0.03 0.37 0.12	0 0.00 0.00 0.00	818 7.63
SR4	1 0.01 0.08 0.17	4 0.04 0.31 0.36	0 0.00 0.00 0.00	1273 11.87 98.00 92.05	12 0.11 0.92 0.55	0 0.00 0.00 0.00	7 0.07 0.54 0.29	2 0.02 0.15 0.32	1299 12.11
SP5	0 0.00 0.00 0.00	65 0.61 2.93 5.92	1 0.01 0.05 0.12	73 0.68 3.29 5.28	2022 18.85 91.12 93.18	55 0.51 2.48 3.33	3 0.03 0.14 0.12	0 0.00 0.00 0.00	2219 20.69
SR6	1 0.01 0.06 0.17	7 0.07 0.39 0.64	20 0.19 1.12 2.46	10 0.09 0.56 0.72	120 1.12 6.73 5.53	1556 14.51 87.22 94.07	67 0.62 3.76 2.79	3 0.03 0.17 0.48	1784 16.64
SR7	0 0.00 0.00 0.00	60 0.56 2.48 5.46	1 0.01 0.04 0.12	7 0.07 0.29 0.51	8 0.07 0.33 0.37	30 0.28 1.24 1.91	2306 21.50 95.29 95.96	8 0.07 0.33 1.27	2420 22.57
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.03 0.48 0.14	2 0.02 0.32 0.12	0 0.00 0.00 0.00	618 5.76 99.20 97.94	623 5.81
TOTAL	573 5.34	1098 10.24	812 7.57	1383 12.90	2170 20.23	1654 15.42	2403 22.41	631 5.88	10724 100.00

APPENDIX TABLE H-22  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN TENNIS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	141 3.47 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	141 3.47
SR2	0 0.00 0.00 0.00	542 13.32 99.27 99.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.10 0.73 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	546 13.42
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	188 4.62 94.95 96.41	5 0.12 2.53 0.94	5 0.12 2.53 0.49	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	198 4.87
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	511 12.56 100.00 95.87	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	511 12.56
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.05 0.17 1.03	14 0.34 1.22 2.63	999 24.56 86.95 98.42	18 0.44 1.57 4.04	2 0.05 0.17 0.31	114 2.80 9.92 20.61	0 0.00 0.00 0.00	1149 28.24
SR6	0 0.00 0.00 0.00	2 0.05 0.46 0.37	5 0.12 1.14 2.56	0 0.00 0.00 0.00	5 0.12 1.14 0.49	425 10.45 97.25 95.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	437 10.74
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.07 0.44 0.56	2 0.05 0.29 0.20	2 0.05 0.29 0.45	640 15.73 93.98 99.69	34 0.84 4.99 6.15	0 0.00 0.00 0.00	681 16.74
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	405 9.96 100.00 73.24	0 0.00 0.00 0.00	405 9.96
TOTAL	141 3.47	544 13.37	195 4.79	533 13.10	1015 24.95	445 10.94	642 15.78	553 13.59	4068 100.00	4068 100.00



APPENDIX TABLE H-23  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN JOGGING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	244 2.72 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	244 2.72
SR2	0 0.00 0.00 0.00	1182 13.16 90.78 98.34	20 0.22 1.54 8.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.01 0.08 0.04	99 1.10 7.60 9.50	0 0.00 0.00 0.00	1302 14.50
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	203 2.26 100.00 86.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	203 2.26
SR4	0 0.00 0.00 0.00	10 0.11 1.00 0.83	0 0.00 0.00 0.00	966 10.75 96.70 99.38	10 0.11 1.00 0.51	3 0.03 0.30 0.37	10 0.11 1.00 0.40	0 0.00 1.00 0.00	0 0.00 0.00 0.00	999 11.12
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 0.13 0.63 5.11	0 0.00 0.00 0.00	1864 20.75 97.18 95.10	40 0.45 2.09 4.99	0 0.00 0.00 0.00	2 0.02 0.10 0.19	0 0.00 0.00 0.00	1918 21.35
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	80 0.89 9.57 4.08	756 8.42 90.43 94.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	836 9.31
SR7	0 0.00 0.00 0.00	10 0.11 0.39 0.83	0 0.00 0.00 0.00	6 0.07 0.24 0.62	6 0.07 0.24 0.31	3 0.03 0.12 0.37	2514 27.99 98.59 99.56	11 0.12 0.43 1.06	0 0.00 0.00 0.00	2550 28.39
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	930 10.35 100.00 89.25	0 0.00 0.00 0.00	930 10.35
TOTAL	244 2.72	1202 13.38	235 2.62	972 10.82	1960 21.82	802 8.93	2525 28.11	1042 11.60	0 0.00	8982 100.00

APPENDIX TABLE H-24  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN SAILING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	12 2.23 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 2.23
SR2	0 0.00 0.00 0.00	105 19.55 61.05 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	67 12.48 38.95 18.72	0 0.00 0.00 0.00	172 32.03
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50 9.31 100.00 90.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50 9.31
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.56 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.56
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.93 100.00 9.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.93
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	291 54.19 100.00 81.28	0 0.00 0.00 0.00	291 54.19
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.74 100.00 100.00	4 0.74
TOTAL	12 2.23	105 19.55	55 10.24	0 0.00	3 0.56	0 0.00	358 66.67	4 0.74	537 100.00

APPENDIX TABLE H-25  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN CANOEING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	7 2.01 70.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.86 30.00 18.75	10 2.87
SR2	0 0.00 0.00 0.00	7 2.01 24.14 100.00	8 2.29 27.59 27.59	2 0.57 6.90 14.29	10 2.87 34.48 71.43	0 0.00 0.00 0.00	2 0.57 6.90 5.00	0 0.00 0.00 0.00	29 8.31
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 5.73 90.91 68.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.57 9.09 0.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22 6.30
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.29 3.85 3.45	12 3.44 46.15 85.71	0 0.00 0.00 0.00	4 1.15 15.38 1.80	3 0.86 11.54 7.50	6 1.72 23.08 37.50	26 7.45
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 1.15 50.00 28.57	1 0.29 12.50 0.45	0 0.00 0.00 0.00	3 0.86 37.50 18.75	8 2.29
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	215 61.60 100.00 96.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	215 61.60
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35 10.03 100.00 87.50	0 0.00 0.00 0.00	35 10.03
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 1.15 100.00 25.00	4 1.15
TOTAL	7 2.01	7 2.01	29 8.31	14 4.01	14 4.01	222 63.61	40 11.46	16 4.58	349 100.00

APPENDIX TABLE H-26  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN HIKING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	37 3.32 77.08 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11 0.99 22.92 7.53	48 4.31
SR2	0 0.00 0.00 0.00	13 1.17 81.25 48.15	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.27 18.75 2.05	16 1.44
SR3	0 0.00 0.00 0.00	3 0.27 25.00 11.11	9 0.81 75.00 52.94	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 1.08
SR4	0 0.00 0.00 0.00	3 0.27 5.88 11.11	0 0.00 0.00 0.00	48 4.31 94.12 97.96	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51 4.58
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.72 2.78 47.06	0 0.00 0.00 0.00	280 25.16 97.22 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	288 25.88
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	109 9.79 98.20 97.32	0 0.00 0.00 0.00	2 0.18 1.80 1.37	111 9.97
SR7	0 0.00 0.00 0.00	8 0.72 1.67 29.63	0 0.00 0.00 0.00	1 0.09 0.21 2.04	0 0.00 0.00 0.00	3 0.27 0.63 2.68	445 39.98 92.90 100.00	22 1.98 4.59 15.07	479 43.04
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	108 9.70 100.00 73.97	108 9.70
TOTAL	37 3.32	27 2.43	17 1.53	49 4.40	280 25.16	112 10.06	445 39.98	146 13.12	1113 100.00

APPENDIX TABLE H-27  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN HORSEBACK RIDING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	2 0.11 10.53 10.00	2 0.11 10.53 0.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15 0.81 78.95 8.43	19 1.02
SR2	18 0.97 5.45 90.00	293 15.77 88.79 96.38	16 0.86 4.85 18.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.16 0.91 1.69	330 17.76
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	68 3.66 100.00 78.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	68 3.66
SR4	0 0.00 0.00 0.00	1 0.05 0.58 0.33	0 0.00 0.00 0.00	158 8.50 92.40 100.00	0 0.00 0.00 0.00	4 0.22 2.34 1.30	0 0.00 0.00 0.00	8 0.43 4.68 4.49	171 9.20
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	334 17.98 98.82 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.22 1.18 2.25	338 18.19
SR6	0 0.00 0.00 0.00	3 0.16 0.96 0.99	3 0.16 0.96 3.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	303 16.31 96.81 98.38	0 0.00 0.00 0.00	4 0.22 1.28 2.25	313 16.85
SR7	0 0.00 0.00 0.00	5 0.27 0.98 1.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.05 0.20 0.32	469 25.24 91.60 100.00	37 1.99 7.23 20.79	512 27.56
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	107 5.76 100.00 60.11	107 5.76
TOTAL	20 1.08	304 16.36	87 4.68	158 8.50	334 17.98	308 16.58	469 25.24	178 9.58	1858 100.00

APPENDIX TABLE H-28  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN ARCHERY FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	38 16.81 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	38 16.81
SR2	0 0.00 0.00 0.00	69 30.53 95.83 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.33 4.17 23.08	72 31.86
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.33 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 1.33
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22 9.73 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22 9.73
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 3.98 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 3.98
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	72 31.86 93.51 100.00	5 2.21 6.49 38.46	77 34.07
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 2.21 100.00 38.46	5 2.21
TOTAL	38 16.81	69 30.53	0 0.00	3 1.33	22 9.73	9 3.98	72 31.86	13 5.75	226 100.00

APPENDIX TABLE H-29  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN TRAPSHOOTING FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	20 2.33 95.24 90.91	1 0.12 4.76 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21 2.44
SR2	2 0.23 1.38 9.09	133 15.47 91.72 76.00	0 0.00 0.00 0.00	4 0.47 2.76 2.76	3 0.35 2.07 2.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.35 2.07 15.79	145 16.86
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.93 88.89 22.86	1 0.12 11.11 0.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 1.05
SR4	0 0.00 0.00 0.00	13 1.51 7.03 7.43	6 0.70 3.24 17.14	140 16.28 75.68 96.55	14 1.63 7.57 12.28	0 0.00 0.00 0.00	12 1.40 6.49 3.97	0 0.00 0.00 0.00	185 21.51
SR5	0 0.00 0.00 0.00	5 0.58 6.33 2.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	74 8.60 93.67 64.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	79 9.19
SR6	0 0.00 0.00 0.00	1 0.12 1.89 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.35 5.66 2.53	47 5.47 88.68 97.92	2 0.23 3.77 0.66	0 0.00 0.00 0.00	53 6.16
SR7	0 0.00 0.00 0.00	22 2.56 6.21 12.57	21 2.44 5.03 60.00	0 0.00 0.00 0.00	20 2.33 5.65 17.54	1 0.12 0.28 2.08	288 33.49 81.36 95.36	2 0.23 0.56 10.53	354 41.16
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14 1.63 100.00 73.68	14 1.63
TOTAL	22 2.56	175 20.35	35 4.07	145 16.96	114 13.26	48 5.58	302 35.12	19 2.21	860 100.00

APPENDIX TABLE H-30  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN SOCCER FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR2	0 0.00 0.00 0.00	20 4.73 62.50 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 2.84 37.50 100.00	32 7.57
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35 8.27 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	35 8.27
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00	320 75.65 100.00	0 0.00 0.00	0 0.00 0.00	320 75.65
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	36 8.51 100.00	0 0.00 0.00	36 8.51
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
TOTAL	0 0.00	20 4.73	0 0.00	0 0.00	35 8.27	320 75.65	36 8.51	12 2.84	423 100.00



APPENDIX TABLE H-31  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION BY RESPONDENTS  
 IN HORSESHOES FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

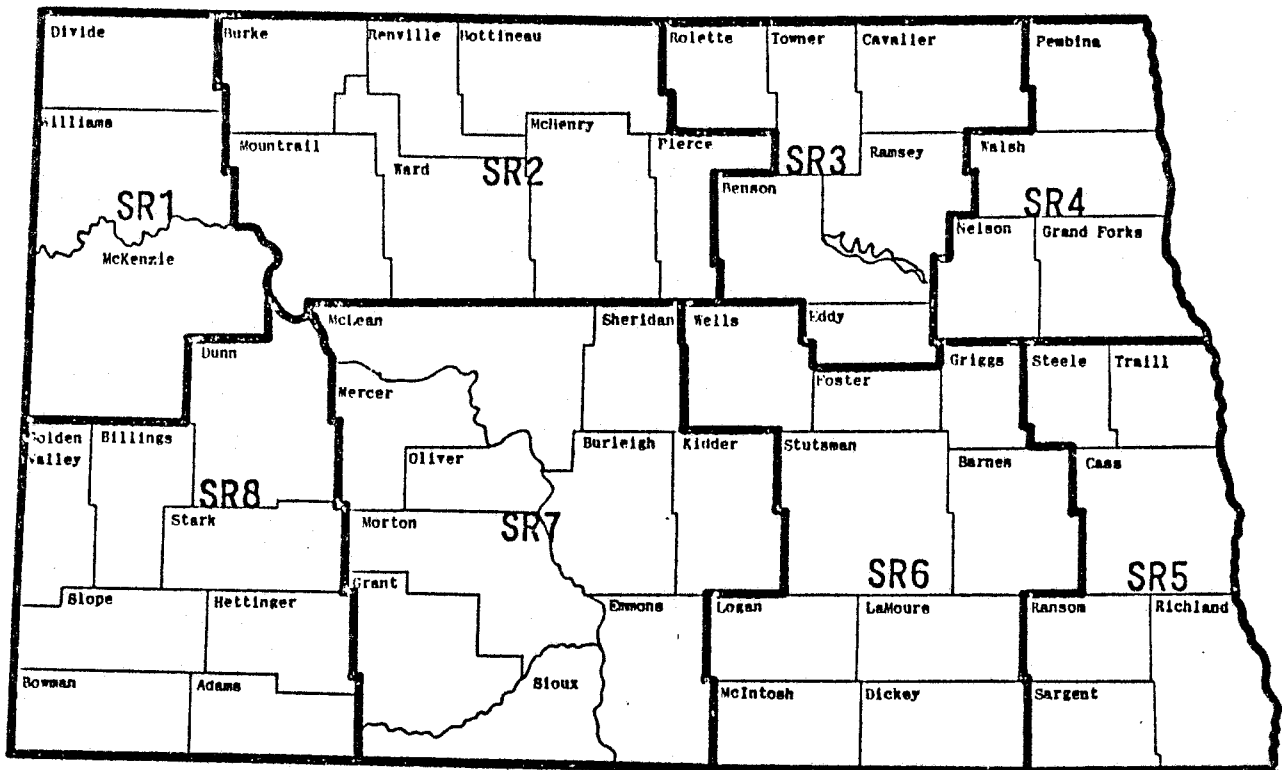
FROM Region of Residence	TO Region of Participation								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	5 1.22 41.67 100.00	7 1.70 58.33 38.89	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 2.92
SR2	0 0.00 0.00 0.00	10 2.43 71.43 55.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.97 28.57 2.01	0 0.00 0.00 0.00	14 3.41
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23 5.60 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23 5.60
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29 7.05 100.00 90.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29 7.06
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.73 7.14 9.38	39 9.49 92.96 95.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	42 10.22
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	62 15.09 98.41 91.13	0 0.00 0.00 0.00	1 0.24 1.59 4.00	63 15.33
SR7	0 0.00 0.00 0.00	1 0.24 0.48 5.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.49 0.96 4.88	6 1.46 2.88 8.82	191 46.47 91.83 95.98	8 1.95 3.85 32.00	208 50.61
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.97 20.00 2.01	16 3.89 80.00 64.00	20 4.87
TOTAL	5 1.22	18 4.38	23 5.60	32 7.79	41 9.98	68 16.53	199 48.42	25 6.08	411 100.00



APPENDIX I  
DISTRIBUTION OF TOTAL NUMBER OF DAYS  
OF PARTICIPATION BY POPULATION, 1978

In 1978 residents of SR1 participated 33,502 days in upland game hunting in SR1 (first value in SR1, SR1 component of Appendix Table I-1), 4,204 days in SR2 (first value in SR1, SR2 component of table), and 701 days in SR8 (first value in SR1, SR8 component of table) for a total of 38,406 days (row total for SR1). Residents hunted upland game a total of 489,254 days (total in lower right hand column) on a statewide basis. Of those 489,254 days, 33,502 or 6.85 percent (second value in SR1, SR1 component of table) occurred in SR1 by residents of SR1.

Of all days of participation in upland game hunting by residents of SR1 (38,406), 87.23 percent (third value in SR1, SR1 component of table) occurred in the home region (SR1), while 10.95 percent (third value in SR1, SR2 component of table) occurred in SR2. Of the 48,913 days of participation in SR1 (total of SR1 column) 33,502 days or 68.49 percent (fourth value in SR1, SR1 component of table) occurred by residents of SR1, 6,128 days or 12.53 percent (fourth value in SR2, SR1 component of table) represent days of participation by residents of SR2, etc.



APPENDIX TABLE I-1  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	33502 6.85 87.23 68.49	4204 0.86 10.95 3.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	701 0.14 1.82 1.32	38406 7.85
SR2	6128 1.25 4.78 12.53	109540 22.39 85.47 87.63	1109 0.23 0.87 4.42	0 0.00 0.00 0.00	875 0.18 0.68 1.43	350 0.07 0.27 0.80	7703 1.57 6.01 6.56	2451 0.50 1.91 4.63	128156 26.19
SR3	715 0.15 3.25 1.46	1191 0.24 5.41 0.95	16724 3.42 75.97 66.72	334 0.07 1.52 2.23	715 0.15 3.25 1.17	48 0.01 0.22 0.11	1477 0.30 6.71 1.26	810 0.17 3.68 1.53	22012 4.50
SR4	555 0.11 2.24 1.14	1234 0.25 4.99 0.99	3580 0.73 14.46 14.28	14380 2.94 58.10 95.99	1173 0.24 4.74 1.91	1296 0.26 5.24 2.97	1234 0.25 4.59 1.05	1296 0.26 5.24 2.45	24748 5.06
SR5	2708 0.55 3.21 5.54	4167 0.85 4.94 3.33	2135 0.44 2.53 8.52	0 0.00 0.00 0.00	56824 11.61 67.39 92.73	4792 0.98 5.68 10.97	10052 2.05 11.92 8.57	3646 0.75 4.32 6.88	84324 17.24
SR6	457 0.09 1.04 0.93	2134 0.44 4.84 1.71	533 0.11 1.21 2.13	267 0.05 0.60 1.78	1486 0.30 3.37 2.42	34177 6.98 77.46 78.21	2134 0.44 4.84 1.82	2934 0.60 6.65 5.54	44122 9.02
SR7	3659 0.75 3.40 7.48	2079 0.42 1.93 1.66	166 0.03 0.15 0.66	0 0.00 0.00 0.00	208 0.04 0.19 0.34	3035 0.62 2.82 6.95	94721 19.36 87.99 80.71	3784 0.77 3.51 7.15	107653 22.00
SR8	1188 0.24 2.98 2.43	451 0.09 1.13 0.36	820 0.17 2.06 3.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	41 0.01 0.10 0.03	37333 7.63 93.72 70.50	39833 8.14
TOTAL	48913 10.00	124599 25.55	25067 5.12	14980 3.06	61280 12.53	43698 8.93	117363 23.99	52954 10.82	489254 100.00

APPENDIX TABLE I-2  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN WATERFOWL HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	20507 3.34 82.26 84.53	4040 0.66 16.21 2.31	152 0.02 0.61 0.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	229 0.04 0.92 0.31	0 0.00 0.00 0.00	24929 4.05
SR2	1047 0.17 0.65 4.32	145885 23.73 91.17 83.57	5040 0.82 3.15 4.04	131 0.02 0.08 0.32	65 0.01 0.04 0.11	1440 0.23 0.90 1.36	6152 1.00 3.84 8.35	262 0.04 0.16 2.28	160022 26.02
SR3	0 0.00 0.00 0.00	1636 0.27 2.14 0.94	72364 11.77 94.57 57.97	881 0.14 1.15 2.13	1196 0.19 1.56 2.03	378 0.06 0.49 0.36	0 0.00 0.00 0.00	63 0.01 0.08 0.55	76517 12.44
SR4	0 0.00 0.00 0.00	3082 0.50 4.41 1.77	20310 3.30 29.04 16.27	37776 6.14 54.01 91.48	3556 0.58 5.08 6.03	3951 0.64 5.65 3.73	1106 0.18 1.58 1.50	158 0.03 0.23 1.38	69940 11.37
SR5	1116 0.18 1.07 4.60	4596 0.75 4.40 2.63	15495 2.52 14.84 12.41	4707 0.28 1.64 4.13	53248 8.66 51.01 90.31	24030 3.91 23.02 22.70	3152 0.51 3.02 4.27	1051 0.17 1.01 9.15	104394 16.98
SR6	0 0.00 0.00 0.00	4589 0.75 5.49 2.63	4100 0.67 4.91 3.29	488 0.08 0.58 1.18	732 0.12 0.88 1.24	68293 11.11 81.72 64.52	4003 0.65 4.79 5.43	1367 0.22 1.64 11.90	83572 13.59
SR7	985 0.16 1.19 4.06	8764 1.43 10.60 5.02	6482 1.05 7.84 5.19	311 0.05 0.38 0.75	0 0.00 0.00 0.00	7312 1.19 8.85 6.91	58806 9.56 71.14 79.77	0 0.00 0.00 0.00	82660 13.44
SR8	605 0.10 4.68 2.49	1981 0.32 15.32 1.13	880 0.14 6.81 0.71	0 0.00 0.00 0.00	165 0.03 1.28 0.28	440 0.07 3.40 0.42	275 0.04 2.13 0.37	8584 1.40 66.38 74.75	12931 2.10
TOTAL	24261 3.95	174573 28.39	124824 20.30	41294 6.71	58962 9.59	105844 17.21	73723 11.99	11484 1.87	614965 100.00

APPENDIX TABLE I-3  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	12865 5.18 88.24 52.73	827 0.33 5.67 1.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	674 0.27 4.62 2.14	0 0.00 0.00 0.00	214 0.09 1.47 0.69	14580 5.87
SR2	2908 1.17 5.48 11.92	42958 17.30 80.89 81.47	428 0.17 0.81 2.43	428 0.17 0.81 2.14	0 0.00 0.00 0.00	2337 0.94 4.40 7.43	3050 1.23 5.74 8.28	998 0.40 1.88 3.20	53106 21.40
SR3	171 0.07 1.03 0.70	2376 0.96 14.33 4.51	13326 5.37 80.35 75.85	122 0.05 0.74 0.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	171 0.07 1.03 0.47	416 0.17 2.51 1.33	16584 6.68
SR4	2465 0.99 7.10 10.10	1934 0.78 5.58 3.67	1560 0.63 4.50 8.88	19438 7.83 56.03 97.25	2028 0.82 5.85 5.96	2777 1.12 8.00 8.83	1404 0.57 4.05 3.81	3089 1.24 8.90 9.90	34695 13.98
SR5	1812 0.73 3.70 7.43	1384 0.56 2.83 2.62	1183 0.48 2.42 6.73	0 0.00 0.00 0.00	30550 12.30 62.38 89.72	2743 1.10 5.60 8.72	3800 1.53 7.76 10.32	7499 3.02 15.31 24.04	48971 19.73
SR6	421 0.17 1.47 1.72	478 0.19 1.67 0.91	191 0.08 0.67 1.09	0 0.00 0.00 0.00	1473 0.59 5.14 4.33	21938 8.83 76.52 69.74	1511 0.61 5.27 4.10	2659 1.07 9.27 8.52	28671 11.55
SR7	3592 1.45 9.20 14.72	2605 1.05 6.67 4.94	882 0.36 2.26 5.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	987 0.40 2.53 3.14	26657 10.73 68.26 72.38	4327 1.74 11.08 13.87	39050 15.73
SR8	165 0.07 1.31 0.68	165 0.07 1.31 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	236 0.09 1.68 0.64	11992 4.83 95.50 38.44	12557 5.06
TOTAL	24398 9.83	52727 21.24	17569 7.08	19988 8.05	34051 13.72	31457 12.67	36825 14.84	31194 12.57	248214 100.00

APPENDIX TABLE I-4  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN NONGAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	24690 8.03 90.01 87.43	1135 0.37 4.14 2.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.52 5.85 4.49	1604 8.91	27429
SR2	1435 0.47 2.67 5.08	51243 16.66 55.41 94.64	62 0.02 0.12 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	250 0.08 0.46 0.78	250 0.08 0.46 0.39	468 0.15 0.87 1.31	53707
SR3	760 0.25 2.41 2.69	628 0.20 1.99 1.16	29127 9.47 92.15 88.35	628 0.20 1.99 2.21	0 0.00 0.00 0.00	198 0.06 0.63 0.62	264 0.09 0.84 0.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	31607
SR4	0 0.00 0.00 0.00	168 0.05 0.52 0.31	2266 0.74 7.04 6.87	27783 9.03 86.31 97.79	1805 0.59 5.61 5.59	168 0.05 0.52 0.52	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32190
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	753 0.24 2.11 2.28	0 0.00 0.00 0.00	30402 9.88 85.16 94.24	753 0.24 2.11 2.35	2107 0.68 5.90 3.30	1686 0.55 4.72 4.72	0 0.00 0.00 0.00	35700
SR6	526 0.17 1.58 1.86	301 0.10 0.90 0.56	251 0.08 0.75 0.76	0 0.00 0.00 0.00	0 0.00 0.00 0.00	30508 9.92 91.78 95.07	1504 0.49 4.52 2.35	150 0.05 0.45 0.42	0 0.00 0.00 0.00	33240
SR7	454 0.15 0.73 1.61	668 0.22 1.07 1.23	508 0.17 0.82 1.54	0 0.00 0.00 0.00	53 0.02 0.09 0.17	214 0.07 0.34 0.67	59681 19.40 95.88 93.44	668 0.22 1.07 1.87	0 0.00 0.00 0.00	62246
SR8	374 0.12 1.18 1.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	62 0.02 0.20 0.10	31122 10.12 98.62 87.18	0 0.00 0.00 0.00	31558
TOTAL	28240 9.48	54143 17.60	32967 10.71	26411 9.23	32260 10.49	32090 10.43	63868 20.76	35698 11.60	0 0.00	307677



APPENDIX TABLE I-5  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	23080 7.25 92.63 98.46	1835 0.58 7.37 2.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24915 7.83
SR2	227 0.07 0.25 0.97	73026 22.95 81.28 89.12	5909 1.86 6.58 10.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10605 3.33 11.80 14.17	76 0.02 0.08 0.72	89843 28.23
SR3	0 0.00 0.00 0.00	2537 0.80 6.28 3.10	36843 11.58 91.26 67.99	309 0.10 0.77 2.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	371 0.12 0.92 1.23	0 0.00 0.00 0.00	309 0.10 0.77 2.96	40370 12.69
SR4	0 0.00 0.00 0.00	150 0.05 0.51 0.18	8384 2.63 28.72 15.47	15009 4.72 51.41 97.98	4941 1.55 16.92 17.71	711 0.22 2.44 2.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29194 9.17
SR5	134 0.04 0.51 0.57	0 0.00 0.00 0.00	1037 0.33 3.98 1.91	0 0.00 0.00 0.00	22577 7.10 86.76 80.93	2141 0.67 8.23 7.10	134 0.04 0.51 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26022 8.18
SR6	0 0.00 0.00 0.00	498 0.16 1.66 0.61	285 0.09 0.95 0.53	0 0.00 0.00 0.00	379 0.12 1.26 1.36	25511 8.02 84.93 84.67	2110 0.66 7.02 2.82	1257 0.39 4.18 12.01	0 0.00 0.00 0.00	30039 9.44
SR7	0 0.00 0.00 0.00	3786 1.19 5.54 4.62	1731 0.54 2.53 3.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1055 0.33 1.54 3.50	61827 19.43 90.39 82.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	68399 21.49
SR8	0 0.00 0.00 0.00	113 0.04 1.20 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	340 0.11 3.60 1.13	170 0.05 1.80 0.23	8822 2.77 93.39 84.31	0 0.00 0.00 0.00	9446 2.97
TOTAL	23441 7.37	81945 25.75	54188 17.03	15318 4.81	27897 8.77	30129 9.47	74846 23.52	10464 3.29	0 0.00	318228 100.00

APPENDIX TABLE I-6  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CROSS-COUNTRY SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	5334 2.80 93.80 100.00	66 0.03 1.16 0.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	287 0.15 5.04 0.80	0 0.00 0.00 0.00	5687 2.99
SR2	0 0.00 0.00 0.00	22064 11.59 100.00 90.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22064 11.59
SR3	0 0.00 0.00 0.00	339 0.18 2.95 1.39	11162 5.86 97.05 96.88	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11501 6.04
SR4	0 0.00 0.00 0.00	639 0.34 1.95 2.62	166 0.09 0.50 1.44	30634 16.09 93.23 97.28	0 0.00 0.00 0.00	876 0.46 2.67 1.71	0 0.00 0.00 0.00	71 0.04 0.22 0.20	473 0.25 1.44 3.41	32859 17.26
SR5	0 0.00 0.00 0.00	581 0.31 1.12 2.38	194 0.10 0.37 1.68	194 0.10 0.37 0.62	50072 26.30 96.74 97.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	717 0.38 1.38 2.01	0 0.00 0.00 0.00	51757 27.19
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	247 0.13 1.43 0.78	102 0.05 0.59 0.20	16935 8.90 97.98 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17284 9.08
SR7	0 0.00 0.00 0.00	642 0.34 1.79 2.63	0 0.00 0.00 0.00	417 0.22 1.16 1.32	122 0.06 0.34 0.24	0 0.00 0.00 0.00	34548 18.15 96.37 96.98	122 0.06 0.34 0.67	0 0.00 0.00 0.00	35850 18.83
SR8	0 0.00 0.00 0.00	54 0.03 0.40 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13306 6.99 99.60 95.72	13359 7.02
TOTAL	5334 2.80	24385 12.81	11522 6.05	31491 16.54	51171 26.88	16935 8.90	35623 18.71	13901 7.30	190361 100.00	

APPENDIX TABLE I-7  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN DOWNHILL SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	232 0.24 11.29 82.30	1824 1.91 88.71 3.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2056 2.15
SR2	0 0.00 0.00 0.00	36020 37.69 100.00 71.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	36020 37.68
SR3	0 0.00 0.00 0.00	4516 4.73 24.02 9.01	12678 13.27 67.43 93.88	1607 1.68 8.55 9.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18801 19.67
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	556 0.58 3.32 4.12	15174 15.88 50.46 88.30	881 0.92 5.25 15.46	0 0.00 0.00 0.00	162 0.17 0.97 10.37	0 0.00 0.00 0.00	16774 17.55
SR5	0 0.00 0.00 0.00	67 0.07 1.56 0.13	67 0.07 1.56 0.49	200 0.21 4.68 1.16	3680 3.85 85.97 64.59	0 0.00 0.00 0.00	200 0.21 4.68 12.80	67 0.07 1.56 4.10	4281 4.48
SR6	50 0.05 0.62 17.70	1327 1.39 16.56 2.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1034 1.08 12.91 18.15	5598 5.86 69.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8009 8.38
SR7	0 0.00 0.00 0.00	6375 6.67 78.83 12.72	204 0.21 2.52 1.51	204 0.21 2.52 1.19	102 0.11 1.26 1.79	0 0.00 0.00 0.00	1202 1.26 14.86 76.83	0 0.00 0.00 0.00	8087 8.46
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1560 1.63 100.00 95.90	1560 1.63
TOTAL	282 0.30	50128 52.44	13505 14.13	17185 17.98	5697 5.96	5598 5.86	1565 1.64	1627 1.70	95587 100.00

APPENDIX TABLE I-8  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SNOWMOBILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	67148 5.67 95.50 96.34	2890 0.24 4.11 1.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	275 0.02 0.39 0.24	70313 5.94
SR2	969 0.08 0.36 1.39	262456 22.17 97.08 95.57	2493 0.21 0.92 1.42	2631 0.22 0.97 1.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1800 0.15 0.67 1.10	0 0.00 0.00 0.00	270350 22.83
SR3	0 0.00 0.00 0.00	1076 0.09 0.64 0.39	162495 13.73 97.28 92.41	2989 0.25 1.79 2.17	0 0.00 0.00 0.00	120 0.01 0.07 0.14	0 0.00 0.00 0.00	359 0.03 0.21 0.31	167039 14.11
SR4	0 0.00 0.00 0.00	2819 0.24 1.97 1.03	7121 0.60 4.98 4.05	130396 11.01 91.28 94.54	1780 0.15 1.25 1.11	593 0.05 0.42 0.69	148 0.01 0.10 0.09	0 0.00 0.00 0.00	142857 12.07
SR5	0 0.00 0.00 0.00	1437 0.12 0.87 0.52	359 0.03 0.22 0.20	1916 0.16 1.16 1.39	155431 13.13 94.40 97.19	4910 0.41 2.98 5.71	479 0.04 0.29 0.29	120 0.01 0.07 0.10	164651 13.91
SR6	778 0.07 0.97 1.12	1729 0.15 2.16 0.63	605 0.05 0.76 0.34	0 0.00 0.00 0.00	2420 0.20 3.02 1.51	73131 6.18 91.36 85.00	1297 0.11 1.62 0.79	86 0.01 0.11 0.07	80047 6.76
SR7	479 0.04 0.28 0.69	2203 0.19 1.27 0.80	2778 0.23 1.60 1.58	0 0.00 0.00 0.00	287 0.02 0.17 0.18	7280 0.61 4.19 6.46	159580 13.48 91.94 97.65	958 0.08 0.55 0.82	173565 14.66
SR8	324 0.03 0.28 0.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	108 0.01 0.09 0.07	114723 9.69 99.62 98.46	115156 9.73
TOTAL	69699 5.89	274609 23.19	175851 14.85	137933 11.65	159918 13.51	86033 7.27	163413 13.80	116521 9.84	1183978 100.00

APPENDIX TABLE I-9  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SLEDDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	58014 8.90 99.07 96.88	468 0.07 0.80 0.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	78 0.01 0.13 0.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	58560 8.98
SR2	0 0.00 0.00 0.00	100417 15.41 98.64 98.96	0 0.00 0.00 0.00	291 0.04 0.29 0.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1092 0.17 1.07 0.66	0 0.00 0.00 0.00	101800 15.62
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51141 7.85 98.90 97.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	567 0.09 1.10 0.96	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51709 7.93
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	792 0.12 0.72 1.52	108072 16.58 98.63 99.63	713 0.11 0.65 0.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	109576 16.81
SR5	1541 0.24 1.66 2.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89924 13.80 96.76 98.61	268 0.04 0.29 0.45	1206 0.19 1.30 0.95	0 0.00 0.00 0.00	92939 14.26
SR6	211 0.03 0.35 0.35	264 0.04 0.44 0.26	264 0.04 0.44 0.51	0 0.00 0.00 0.00	475 0.07 0.79 0.52	58348 8.95 96.76 98.59	739 0.11 1.22 0.58	0 0.00 0.00 0.00	60300 9.25
SR7	0 0.00 0.00 0.00	323 0.05 0.26 0.32	0 0.00 0.00 0.00	108 0.02 0.05 0.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	124524 19.11 99.44 97.62	269 0.04 0.21 0.52	125224 19.21
SR8	117 0.02 0.23 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51630 7.92 99.77 99.48	51747 7.94
TOTAL	59883 9.19	101471 15.57	52197 8.01	108471 16.64	91189 13.99	59183 9.08	127561 19.57	51899 7.96	651855 100.00

APPENDIX TABLE I-10  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE SKATING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	50890 7.19 99.84 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	82 0.01 0.16 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50972 7.21
SR2	0 0.00 0.00 0.00	106929 15.12 99.34 99.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	706 0.10 0.66 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	107635 15.21
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	57583 8.14 99.29 100.00	0 0.00 0.00 0.00	412 0.06 0.71 0.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	57995 8.20
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	186026 26.30 99.60 99.73	331 0.05 0.18 0.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	414 0.06 0.22 0.55	186772 26.40
SR5	0 0.00 0.00 0.00	137 0.02 0.11 0.13	0 0.00 0.00 0.00	274 0.04 0.22 0.15	122792 17.36 99.33 98.50	274 0.04 0.22 0.53	137 0.02 0.11 0.16	0 0.00 0.00 0.00	123615 17.47
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51288 7.25 99.89 99.47	56 0.01 0.11 0.07	0 0.00 0.00 0.00	51344 7.26
SR7	0 0.00 0.00 0.00	285 0.04 0.33 0.27	0 0.00 0.00 0.00	228 0.03 0.26 0.12	342 0.05 0.40 0.27	0 0.00 0.00 0.00	85190 12.04 98.74 99.77	228 0.03 0.26 0.53	86274 12.20
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	42821 6.05 100.00 98.52	42821 6.05
TOTAL	50890 7.19	107351 15.17	57583 8.14	186529 26.37	124665 17.62	51563 7.29	85383 12.07	43463 6.14	707428 100.00

APPENDIX TABLE I-11  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HOCKEY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1299 0.67 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1299 0.67
SR2	0 0.00 0.00 0.00	15943 8.24 85.71 96.89	0 0.00 0.00 0.00	1917 0.99 10.30 2.26	741 0.38 3.98 2.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18600 9.61
SR3	0 0.00 0.00 0.00	188 0.10 1.04 1.14	16705 8.63 92.60 95.40	903 0.47 5.01 1.07	188 0.10 1.04 0.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56 0.03 0.31 2.89	0 0.00 0.00 0.00	18041 9.32
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	158 0.08 0.20 0.90	78126 40.38 98.35 92.31	1150 0.59 1.45 3.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	79434 41.06
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2619 1.35 8.13 3.09	28579 14.77 88.73 93.22	297 0.15 0.92 1.15	419 0.22 1.30 2.75	297 0.15 0.92 15.19	0 0.00 0.00 0.00	32210 16.65
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	288 0.15 1.11 0.34	0 0.00 0.00 0.00	25437 13.15 97.79 98.85	288 0.15 1.11 1.89	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26014 13.45
SR7	0 0.00 0.00 0.00	324 0.17 1.99 1.97	648 0.33 3.98 3.70	782 0.40 4.80 0.92	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14525 7.51 89.23 95.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16279 8.41
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1600 0.83 100.00 81.92	0 0.00 0.00 0.00	1600 0.83
TOTAL	1299 0.67	16455 8.50	17511 9.05	84634 43.74	30658 15.85	25734 13.30	15232 7.87	1953 1.01	193477 100.00	

APPENDIX TABLE I-12  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	54222 4.77 78.13 76.74	8968 0.79 12.92 4.41	138 0.01 0.20 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6071 0.53 8.75 8.47	69399 6.11
SR2	4323 0.38 1.48 6.12	173819 15.30 59.69 85.39	12461 1.10 4.28 10.12	890 0.08 0.31 1.67	3687 0.32 1.27 4.70	2797 0.25 0.96 1.99	92822 8.17 31.88 23.53	381 0.03 0.13 0.53	291182 25.63
SR3	834 0.07 1.17 1.18	2620 0.23 3.67 1.29	64901 5.71 90.98 52.70	715 0.06 1.00 1.34	0 0.00 0.00 0.00	834 0.07 1.17 0.59	0 0.00 0.00 0.00	1429 0.13 2.00 1.99	71332 6.28
SR4	159 0.01 0.16 0.22	794 0.07 0.82 0.39	24778 2.18 25.45 20.12	48921 4.31 50.24 91.55	11595 1.02 11.91 14.79	8577 0.76 8.81 6.10	1906 0.17 1.96 0.48	635 0.06 0.65 0.89	97366 8.57
SR5	1684 0.15 1.77 2.38	2591 0.23 2.72 1.27	7644 0.67 8.02 6.21	648 0.06 0.68 1.21	58043 5.11 60.87 74.04	14381 1.27 15.08 10.23	8292 0.73 8.70 2.10	2073 0.18 2.17 2.89	95357 8.39
SR6	1102 0.10 0.83 1.56	3766 0.33 2.82 1.85	7256 0.64 5.44 5.85	735 0.06 0.55 1.37	2204 0.19 1.65 2.81	110398 9.72 82.78 78.56	5970 0.53 4.48 1.51	1929 0.17 1.45 2.69	133359 11.74
SR7	573 0.05 0.19 0.81	8220 0.72 2.75 4.04	5735 0.50 1.92 4.66	1529 0.13 0.51 2.86	2867 0.25 0.96 3.66	2963 0.26 0.99 2.11	275554 24.26 92.11 69.85	1720 0.15 0.58 2.40	299162 26.34
SR8	7763 0.68 9.85 10.99	2781 0.24 3.53 1.37	232 0.02 0.29 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	579 0.05 0.74 0.41	9964 0.88 12.65 2.53	57466 5.06 72.94 80.14	78784 6.94
TOTAL	70660 6.22	203558 17.92	123145 10.84	53438 4.70	78398 6.90	140529 12.37	394508 34.73	71705 6.31	1135941 100.00



APPENDIX TABLE I-13  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN POWERBOATING/WATERSKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	15293 2.43 93.75 59.74	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1020 0.16 6.25 3.60	16313 2.59
SR2	5236 0.83 2.31 20.45	156595 24.90 68.98 90.12	2825 0.45 1.24 3.04	0 0.00 0.00 0.00	2480 0.39 1.09 10.26	0 0.00 0.00 0.00	59524 9.47 26.22 32.17	344 0.05 0.15 1.22	227004 36.10
SR3	0 0.00 0.00 0.00	4177 0.66 4.79 2.40	79435 12.63 91.07 85.38	2468 0.39 2.83 4.90	506 0.08 0.58 2.09	0 0.00 0.00 0.00	633 0.10 0.73 0.34	0 0.00 0.00 0.00	87220 13.87
SR4	0 0.00 0.00 0.00	9384 1.49 12.12 5.40	8792 1.40 11.35 9.45	47850 7.61 61.79 95.00	8200 1.30 10.59 33.93	3128 0.50 4.04 6.46	0 0.00 0.00 0.00	85 0.01 0.11 0.30	77438 12.32
SR5	0 0.00 0.00 0.00	539 0.09 2.26 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11650 1.85 48.87 48.20	9630 1.53 40.40 19.88	1751 0.28 7.34 0.95	269 0.04 1.13 0.95	23838 3.79
SR6	0 0.00 0.00 0.00	1532 0.24 3.84 0.88	1582 0.25 3.96 1.70	0 0.00 0.00 0.00	1334 0.21 3.34 5.52	32818 5.22 82.18 67.76	2669 0.42 6.68 1.44	0 0.00 0.00 0.00	39935 6.35
SR7	609 0.10 0.50 2.38	1370 0.22 1.12 0.79	406 0.06 0.33 0.44	51 0.01 0.04 0.10	0 0.00 0.00 0.00	2689 0.43 2.21 5.55	116689 18.56 95.79 63.06	0 0.00 0.00 0.00	121813 19.37
SR8	4461 0.71 12.68 17.43	169 0.03 0.48 0.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	169 0.03 0.48 0.35	3783 0.60 10.75 2.04	26596 4.23 75.60 93.93	35179 5.60
TOTAL	25599 4.07	173766 27.64	93039 14.80	50369 8.01	24171 3.84	48433 7.70	185049 29.43	28314 4.50	628741 100.00

APPENDIX TABLE I-14  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BEACH SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	22542 4.39 91.67 88.62	384 0.07 1.56 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.32 6.77 8.58	1665	24591 4.79
SR2	609 0.12 0.41 2.39	87023 16.96 58.62 83.45	2343 0.46 1.58 4.08	281 0.05 0.19 0.46	3093 0.60 2.08 8.60	0 0.00 0.00 0.00	54407 10.61 36.65 33.92	703 0.14 0.47 3.62		148459 28.94
SR3	0 0.00 0.00 0.00	2933 0.57 5.26 2.81	49089 9.57 88.00 85.48	3265 0.64 5.85 5.34	0 0.00 0.00 0.00	498 0.10 0.89 1.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00		55785 10.88
SR4	0 0.00 0.00 0.00	8900 1.73 11.10 8.53	5563 1.08 6.94 9.69	57629 11.23 71.88 94.20	5859 1.14 7.31 16.30	2151 0.42 2.68 4.41	74 0.01 0.09 0.05	0 0.00 0.00 0.00		80177 15.63
SR5	0 0.00 0.00 0.00	1544 0.30 4.93 1.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24282 4.73 77.61 67.54	2256 0.44 7.21 4.62	2850 0.56 9.11 1.78	356 0.07 1.14 1.84		31288 6.10
SR6	0 0.00 0.00 0.00	561 0.11 1.13 0.54	388 0.08 0.78 0.68	0 0.00 0.00 0.00	2719 0.53 5.49 7.56	41005 7.99 82.75 83.98	4877 0.95 9.84 3.04	0 0.00 0.00 0.00		49551 9.66
SR7	401 0.08 0.39 1.58	2939 0.57 2.87 2.82	45 0.01 0.04 0.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2271 0.44 2.22 4.65	96201 18.75 94.08 59.97	401 0.08 0.39 2.07		102258 19.94
SR8	1886 0.37 9.07 7.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	647 0.13 3.11 1.32	1993 0.39 9.59 1.24	16271 3.17 78.24 83.89		20797 4.05
TOTAL	25438 4.96	104285 20.33	57428 11.20	61176 11.93	35954 7.01	48828 9.52	160403 31.27	19396 3.78		512906 100.00

APPENDIX TABLE I-15  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	50001 4.41 100.00 92.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50001 4.41
SR2	2894 0.26 1.91 5.37	144714 12.76 95.36 99.81	1007 0.09 0.66 0.86	126 0.01 0.08 0.07	378 0.03 0.25 0.16	0 0.00 0.00 0.00	1133 0.10 0.75 0.61	1510 0.13 1.00 1.81		151761 13.39
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	115918 10.22 94.78 98.58	456 0.04 0.37 0.27	228 0.02 0.19 0.10	4564 0.40 3.73 3.13	0 0.00 0.00 0.00	1141 0.10 0.93 1.37		122307 10.79
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	303 0.03 0.18 0.26	164331 14.50 99.00 97.75	455 0.04 0.27 0.19	910 0.08 0.55 0.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00		165999 14.64
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3198 0.28 1.30 1.90	233310 20.58 94.57 98.86	3690 0.33 1.50 2.53	738 0.07 0.30 0.40	5780 0.51 2.34 6.94		246716 21.76
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	361 0.03 0.26 0.31	0 0.00 0.00 0.00	632 0.06 0.45 0.27	135968 11.99 96.29 93.34	722 0.06 0.51 0.39	3521 0.31 2.49 4.23		141205 12.45
SR7	360 0.03 0.20 0.67	270 0.02 0.15 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	989 0.09 0.54 0.42	540 0.05 0.30 0.37	179656 15.85 98.28 97.55	989 0.09 0.54 1.19		182803 16.12
SR8	674 0.06 0.92 1.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1910 0.17 2.62 1.04	70345 6.20 96.46 84.46		72930 6.43
TOTAL	53929 4.76	144984 12.79	117589 10.37	168111 14.83	235992 20.82	145671 12.85	184159 16.24	83287 7.35		1133722 100.00

APPENDIX TABLE I-16  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN PICNICKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	34872 5.43 94.02 97.54	1682 0.26 4.54 1.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	459 0.07 1.24 0.29	76 0.01 0.21 0.15	37090 5.78
SR2	143 0.02 0.14 0.40	77479 12.06 76.00 84.92	3228 0.50 3.17 6.03	717 0.11 0.70 0.84	2654 0.41 2.60 3.26	359 0.06 0.35 0.41	15854 2.47 15.55 10.09	1507 0.23 1.48 3.05	101542 15.87
SR3	0 0.00 0.00 0.00	1054 0.16 2.24 1.16	40911 6.37 86.97 76.47	2438 0.38 5.18 2.85	66 0.01 0.14 0.08	1318 0.21 2.80 1.49	395 0.06 0.84 0.25	856 0.13 1.82 1.73	47038 7.32
SR4	0 0.00 0.00 0.00	175 0.03 0.18 0.19	7242 1.13 7.38 13.54	79928 12.44 81.49 93.60	5759 0.90 5.87 7.06	3752 0.58 3.83 4.24	873 0.14 0.89 0.56	349 0.05 0.36 0.71	98078 15.27
SR5	144 0.02 0.18 0.40	1080 0.17 1.32 1.18	0 0.00 0.00 0.00	648 0.10 0.79 0.76	69144 10.77 84.36 84.82	4610 0.72 5.62 5.22	2305 0.36 2.81 1.47	4033 0.63 4.92 8.17	81965 12.76
SR6	0 0.00 0.00 0.00	823 0.13 0.94 0.90	1749 0.27 2.00 3.27	1080 0.17 1.23 1.26	2726 0.42 3.14 3.34	76430 11.90 87.21 86.47	1492 0.23 1.70 0.95	3343 0.52 3.81 6.77	87642 13.65
SR7	213 0.03 0.15 0.60	8884 1.38 6.12 9.74	372 0.06 0.26 0.70	585 0.09 0.40 0.69	1170 0.18 0.81 1.44	1543 0.24 1.06 1.75	128523 20.01 88.50 81.83	3937 0.61 2.71 7.97	145226 22.61
SR8	381 0.06 0.88 1.06	63 0.01 0.15 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	381 0.06 0.88 0.43	7168 1.12 16.57 4.56	35268 5.49 81.52 71.44	43261 6.74
TOTAL	35753 5.57	91240 14.21	53503 8.33	85397 13.30	81520 12.69	88391 13.76	157068 24.46	49370 7.69	642242 100.00

APPENDIX TABLE I-17  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CAMPING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	28945 3.97 67.21 54.58	5964 0.82 13.85 5.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 1.12 18.94 8.80	43067 5.91
SR2	12004 1.65 6.24 22.64	81550 11.19 42.39 72.32	4001 0.55 2.08 6.59	320 0.04 0.17 0.61	1280 0.18 0.67 4.23	2081 0.29 1.08 2.79	84191 11.56 43.76 33.37	6963 0.96 3.62 7.51	192390 26.40
SR3	0 0.00 0.00 0.00	6358 0.87 11.03 5.64	39826 5.47 69.07 65.61	2192 0.30 3.80 4.18	0 0.00 0.00 0.00	6650 0.91 11.53 8.93	877 0.12 4.52 0.35	1754 0.24 3.04 1.89	57657 7.91
SR4	2885 0.40 4.02 5.44	4875 0.67 6.80 4.32	8655 1.19 12.07 14.26	38897 5.34 54.23 74.20	6466 0.89 9.02 21.37	3681 0.51 5.13 4.94	1393 0.19 1.94 0.55	4875 0.67 6.80 5.26	71725 9.84
SR5	545 0.07 0.88 1.03	2181 0.30 3.50 1.93	2337 0.32 3.75 3.85	6699 0.92 10.76 12.78	21731 2.98 34.92 71.82	16123 2.21 25.91 21.65	6621 0.91 10.64 2.62	5998 0.82 9.64 6.47	62234 8.54
SR6	656 0.09 1.04 1.24	1967 0.27 3.13 1.74	4411 0.61 7.02 7.27	1192 0.16 1.90 2.27	656 0.09 1.04 2.17	38806 5.33 61.76 52.10	8584 1.18 13.66 3.40	6557 0.90 10.44 7.07	62828 8.62
SR7	1896 0.26 1.05 3.57	6848 0.94 3.81 6.07	1468 0.20 0.82 2.42	3118 0.43 1.73 5.95	122 0.02 0.07 0.40	6848 0.94 3.81 9.19	144977 19.90 80.56 57.46	14675 2.01 8.15 15.83	179953 24.70
SR8	6101 0.84 10.37 11.50	3014 0.41 5.12 2.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	294 0.04 0.50 0.39	5660 0.78 9.62 2.24	43737 6.00 74.38 47.17	58805 8.07
TOTAL	53032 7.28	112756 15.47	66698 8.33	52418 7.19	30256 4.15	74483 10.22	252302 34.63	92714 12.72	728659 100.00

APPENDIX TABLE I-18  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	9970 4.33 43.58 61.84	2077 0.90 9.08 8.08	194 0.08 0.85 1.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	194 0.08 0.85 1.57	1329 0.58 5.81 2.15	9112 3.96 39.83 12.75	22876 9.94
SR2	1295 0.56 3.25 8.05	11072 4.81 28.15 43.08	3835 1.67 9.75 23.06	1651 0.72 4.20 14.06	863 0.38 2.19 6.12	686 0.30 1.74 5.54	9751 4.24 24.79 15.75	10183 4.43 25.89 14.25	39336 17.10
SR3	71 0.03 0.63 0.44	1945 0.85 17.15 7.57	4222 1.84 37.24 25.39	640 0.28 5.65 5.45	1210 0.53 10.67 8.57	237 0.10 2.09 1.92	1067 0.46 9.41 1.72	1945 0.85 17.15 2.72	11339 4.93
SR4	2188 0.95 7.62 13.59	1744 0.76 6.08 6.79	3361 1.46 11.71 20.21	7609 3.31 26.52 64.80	317 0.14 1.10 2.25	2283 0.99 7.96 18.43	5548 2.41 19.34 8.96	5643 2.45 19.67 7.90	28693 12.47
SR5	619 0.27 2.28 3.84	2397 1.04 8.85 9.33	1417 0.62 5.23 8.52	541 0.24 2.00 4.61	9201 4.00 33.97 65.17	1160 0.50 4.28 9.36	3969 1.72 14.65 6.41	7783 3.38 28.73 10.89	27087 11.78
SR6	560 0.24 2.23 3.48	1173 0.51 4.68 4.57	3339 1.45 13.32 20.08	253 0.11 1.01 2.15	1119 0.49 4.46 7.93	4765 2.07 19.01 38.48	5938 2.58 23.69 9.59	7924 3.44 31.61 11.09	25071 10.90
SR7	1324 0.58 2.24 8.23	3953 1.72 6.68 15.38	192 0.08 0.32 1.15	979 0.43 1.65 8.34	1247 0.54 2.11 8.84	2437 1.06 4.12 19.68	32241 14.01 54.44 52.09	16850 7.32 28.45 23.58	59223 25.75
SR8	69 0.03 0.42 0.43	1338 0.58 8.16 5.21	69 0.03 0.42 0.42	69 0.03 0.42 0.59	162 0.07 0.98 1.14	623 0.27 3.80 5.03	2053 0.89 12.52 3.32	12021 5.22 73.28 16.82	16405 7.13
TOTAL	16096 7.00	25699 11.17	16629 7.23	11742 5.10	14119 6.14	12385 5.38	61898 26.91	71461 31.07	230029 100.00

APPENDIX TABLE I-19  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BICYCLING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	34248 1.74 100.00 97.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	34248 1.74
SR2	868 0.04 0.29 2.47	298104 15.13 98.64 59.72	0 0.00 0.00 0.00	217 0.01 0.07 0.07	434 0.02 0.14 0.10	217 0.01 0.07 0.11	2388 0.12 0.79 0.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	302229 15.34
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	212703 10.79 99.55 99.23	572 0.05 0.45 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	213675 10.84
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	324241 16.45 99.36 98.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2678 0.11 0.64 1.53	0 0.00 0.00 0.00	326319 16.56
SR5	0 0.00 0.00 0.00	203 0.01 0.04 0.07	1016 0.05 0.22 0.47	3657 0.19 0.77 1.11	446764 22.67 94.58 99.31	5892 0.30 1.25 3.01	0 0.00 0.00 0.00	14831 0.75 3.14 10.95	0 0.00 0.00 0.00	472363 23.97
SR6	0 0.00 0.00 0.00	157 0.01 0.08 0.05	630 0.03 0.33 0.29	157 0.01 0.08 0.05	2361 0.12 1.22 0.52	189344 9.61 97.96 96.72	157 0.01 0.08 0.05	472 0.02 0.24 0.35	0 0.00 0.00 0.00	193279 9.81
SR7	0 0.00 0.00 0.00	479 0.02 0.15 0.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	319 0.02 0.10 0.07	319 0.02 0.10 0.16	309182 15.69 99.54 99.18	319 0.02 0.10 0.24	0 0.00 0.00 0.00	310619 15.76
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	117805 5.98 100.00 86.94	0 0.00 0.00 0.00	117805 5.98
TOTAL	35116 1.78	298943 15.17	214348 10.88	329244 16.71	449879 22.63	195773 9.93	311728 15.82	135506 6.88	0 0.00	1970537 100.00

APPENDIX TABLE I-20  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BASEBALL/SOFTBALL  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	36498 5.20 93.76 98.51	167 0.02 0.43 0.15	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1088 0.16 2.80 0.59	0 0.00 0.00 0.00	251 0.04 0.65 0.19	921 0.13 2.37 3.62	38525 5.55
SR2	159 0.02 0.13 0.43	111231 15.85 91.28 97.77	79 0.01 0.07 0.23	159 0.02 0.13 0.24	159 0.02 0.13 0.09	793 0.11 0.65 0.72	2856 0.41 2.34 2.17	6426 0.92 5.27 25.24	121863 17.36
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	31990 4.56 97.39 93.20	143 0.02 0.44 0.22	286 0.04 0.87 0.15	286 0.04 0.87 0.26	143 0.02 0.44 0.11	0 0.00 0.00 0.00	32848 4.68
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1539 0.22 2.25 4.48	63829 9.09 93.13 98.11	1539 0.22 2.25 0.83	1086 0.15 1.59 0.99	543 0.08 0.79 0.41	0 0.00 0.00 0.00	68537 9.77
SR5	0 0.00 0.00 0.00	78 0.01 0.04 0.07	545 0.08 0.28 1.59	700 0.10 0.36 1.08	180163 25.66 93.54 97.41	10191 1.45 5.29 9.29	933 0.13 0.48 0.71	0 0.00 0.00 0.00	192609 27.44
SR6	395 0.06 0.39 1.07	903 0.13 0.88 0.79	169 0.02 0.17 0.49	226 0.03 0.22 0.35	1072 0.15 1.05 0.58	95181 13.56 93.31 86.79	1918 0.27 1.88 1.46	2144 0.31 2.10 8.42	102008 14.53
SR7	0 0.00 0.00 0.00	968 0.14 0.74 0.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	569 0.08 0.44 0.31	1992 0.28 1.53 1.82	124640 17.76 95.97 94.73	1707 0.24 1.31 6.71	129876 18.50
SR8	0 0.00 0.00 0.00	424 0.06 2.79 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	71 0.01 0.47 0.04	141 0.02 0.93 0.13	282 0.04 1.86 0.21	14264 2.03 93.95 56.02	15182 2.16
TOTAL	37051 5.28	113771 16.21	34322 4.89	65056 9.27	184947 26.35	109671 15.63	131568 18.75	25463 3.63	701848 100.00



APPENDIX TABLE I-21  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN GOLF  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	51652 5.96 99.23 98.14	402 0.05 0.77 0.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	52054 6.01
SR2	0 0.00 0.00 0.00	84600 9.76 95.81 88.16	1424 0.16 1.61 2.14	285 0.03 0.32 0.19	380 0.04 0.43 0.20	95 0.01 0.11 0.09	1515 0.18 1.72 0.96	0 0.00 0.00 0.00	88303 10.15
SR3	793 0.09 1.18 1.51	264 0.03 0.39 0.28	63589 7.34 94.63 95.68	1409 0.16 2.10 0.95	88 0.01 0.13 0.05	793 0.09 1.18 0.75	264 0.03 0.39 0.17	0 0.00 0.00 0.00	67200 7.75
SR4	117 0.01 0.08 0.22	467 0.05 0.33 0.49	0 0.00 0.00 0.00	138696 16.00 97.94 93.74	1285 0.15 0.91 0.68	0 0.00 0.00 0.00	818 0.09 0.58 0.52	234 0.03 0.17 0.47	141617 16.34
SR5	0 0.00 0.00 0.00	5808 0.67 2.95 6.05	95 0.01 0.05 0.14	6474 0.75 3.29 4.38	179461 20.71 91.11 94.69	4855 0.56 2.46 4.59	286 0.03 0.14 0.18	0 0.00 0.00 0.00	196979 22.72
SR6	68 0.01 0.06 0.13	473 0.05 0.42 0.49	1283 0.15 1.14 1.93	608 0.07 0.54 0.41	7565 0.87 6.73 3.99	98013 11.31 87.20 92.55	4168 0.48 3.73 2.64	203 0.02 0.18 0.41	112401 12.97
SR7	0 0.00 0.00 0.00	3945 0.46 2.48 4.11	70 0.01 0.04 0.11	493 0.06 0.31 0.33	493 0.06 0.31 0.26	1973 0.23 1.24 1.86	151462 17.48 95.30 95.54	493 0.06 0.31 0.99	158530 18.33
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	255 0.03 0.52 0.13	170 0.02 0.34 0.16	0 0.00 0.00 0.00	48920 5.64 95.14 98.14	49345 5.69
TOTAL	52629 6.07	95959 11.07	66462 7.67	147965 17.07	189528 21.86	105899 12.22	158537 18.29	49850 5.75	866828 100.00

APPENDIX TABLE I-22  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TENNIS  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	13219 4.00 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13219 4.00
SR2	0 0.00 0.00 0.00	47889 14.50 99.25 99.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	360 0.11 0.75 0.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	48249 14.61
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14854 4.50 95.06 96.83	386 0.12 2.47 0.75	386 0.12 2.47 0.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15626 4.73
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49970 15.13 100.00 96.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49970 15.13
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	174 0.05 0.18 1.14	1184 0.36 1.20 2.29	85558 25.90 86.97 98.63	1533 0.46 1.56 5.32	174 0.05 0.18 0.41	9754 2.95 9.92 22.10	0 0.00 0.00 0.00	98378 29.79
SR6	0 0.00 0.00 0.00	130 0.04 0.47 0.27	312 0.09 1.12 2.03	0 0.00 0.00 0.00	312 0.09 1.12 0.36	27159 8.22 97.30 94.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27913 8.45
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	187 0.06 0.42 0.36	134 0.04 0.30 0.15	134 0.04 0.30 0.46	42071 12.74 93.97 99.59	2247 0.68 5.02 5.09	0 0.00 0.00 0.00	44772 13.56
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32127 9.73 100.00 72.80	0 0.00 0.00 0.00	32127 9.73
TOTAL	13219 4.00	48019 14.54	15340 4.64	51727 15.66	86749 26.27	28826 8.73	42245 12.79	44128 13.36	330254 100.00	

APPENDIX TABLE I-23  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN JOGGING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	22875 3.17 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22875 3.17
SR2	0 0.00 0.00 0.00	104868 14.52 90.82 98.40	1753 0.24 1.52 9.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	80 0.01 0.07 0.05	8766 1.21 7.59 10.54	115466 15.99
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16640 2.30 100.00 85.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16640 2.30
SR4	0 0.00 0.00 0.00	1056 0.15 0.99 0.99	0 0.00 0.00 0.00	103202 14.25 96.76 99.60	0 0.00 0.00 0.00	1056 0.15 0.99 0.62	288 0.04 0.27 0.57	1056 0.15 0.99 0.64	0 0.00 0.00 0.00	106658 14.77
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1027 0.14 0.61 5.29	0 0.00 0.00 0.00	163867 22.69 97.19 96.25	3554 0.49 2.11 7.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	158 0.02 0.09 0.19	168605 23.35
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4919 0.68 9.56 2.89	46540 6.44 90.44 92.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51459 7.13
SR7	0 0.00 0.00 0.00	647 0.09 0.39 0.61	0 0.00 0.00 0.00	412 0.06 0.25 0.40	412 0.06 0.25 0.24	176 0.02 0.11 0.35	164546 22.78 98.59 99.31	705 0.10 0.42 0.65	0 0.00 0.00 0.00	166897 23.11
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	73542 10.18 100.00 88.42	73542 10.18
TOTAL	22875 3.17	106571 14.76	19420 2.69	103613 14.35	170253 23.58	50558 7.00	165681 22.94	83171 11.52	722142 100.00	

APPENDIX TABLE I-24  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SAILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1125 2.77 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1125 2.77
SR2	0 0.00 0.00 0.00	9356 23.04 61.04 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5972 14.71 38.96 23.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15328 37.74
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4096 10.09 100.00 92.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4096 10.09
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	270 0.66 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	270 0.66
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	320 0.79 100.00 7.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	320 0.79
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19154 47.16 100.00 76.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19154 47.16
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	321 0.79 100.00 100.00	321 0.79
TOTAL	1125 2.77	9356 23.04	4416 10.87	0 0.00	270 0.66	0 0.00	25126 61.87	321 0.79	321 0.79	40614 100.00

APPENDIX TABLE I-25  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CANOEING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	659 2.62 95.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 0.11 4.10 2.22	687 2.75
SR2	0 0.00 0.00 0.00	625 2.48 24.19 100.00	713 2.83 27.56 28.91	177 0.70 6.86 11.91	893 3.54 34.54 71.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	177 0.70 6.86 6.34	0 0.00 0.00 0.00	2586 10.36
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1642 6.52 90.95 66.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	163 0.65 9.05 1.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1805 7.23
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	111 0.44 3.89 4.49	1312 5.21 46.11 68.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	439 1.74 15.42 3.05	328 1.30 11.53 11.72	656 2.60 23.06 51.55	2845 11.40
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	358 1.42 50.00 28.59	90 0.36 12.61 0.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	267 1.06 37.39 21.01	715 2.87
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13699 54.37 100.00 95.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13699 54.90
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2293 9.18 100.00 81.94	0 0.00 0.00 0.00	2293 9.19
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	321 1.27 100.00 25.23	321 1.25
TOTAL	659 2.64	625 2.51	2465 9.88	1489 5.97	1251 5.01	14391 57.68	2798 11.22	1272 5.10	24951 100.00	

APPENDIX TABLE I-26  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HIKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	3469 4.16 77.03 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1034 1.24 22.97 9.12	4503 5.40
SR2	0 0.00 0.00 0.00	1148 1.38 81.25 51.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	265 0.32 18.75 2.34	1413 1.69
SR3	0 0.00 0.00 0.00	246 0.29 25.00 11.08	737 0.88 75.00 50.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	983 1.18
SR4	0 0.00 0.00 0.00	327 0.39 5.90 14.76	0 0.00 0.00 0.00	5225 6.26 94.10 98.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5552 6.66
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	713 0.85 2.78 49.16	0 0.00 0.00 0.00	24908 29.86 97.22 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25621 30.71
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6993 8.38 98.19 97.41	0 0.00 0.00 0.00	129 0.15 1.81 1.13	7122 8.54
SR7	0 0.00 0.00 0.00	496 0.60 1.67 22.38	0 0.00 0.00 0.00	62 0.07 0.21 1.17	0 0.00 0.00 0.00	186 0.22 0.63 2.59	27561 33.04 92.89 100.00	1365 1.64 4.60 12.03	29670 35.57
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8553 10.25 100.00 75.38	8553 10.25
TOTAL	3469 4.16	2217 2.66	1450 1.74	5287 6.34	24908 29.86	7180 8.61	27561 33.04	11346 13.60	83417 100.00

APPENDIX TABLE I-27  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSEBACK RIDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	192 0.13 10.68 10.68	192 0.13 10.68 0.71	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1412 0.97 78.64 10.27	1795 1.24	
SR2	1603 1.11 5.46 89.32	26061 17.97 88.80 96.99	1421 0.98 4.84 19.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	264 0.18 0.90 1.92	29350 20.24	
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5561 3.84 100.00 77.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5561 3.83	
SR4	0 0.00 0.00 0.00	101 0.07 0.54 0.38	0 0.00 0.00 0.00	17202 11.86 92.39 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	445 0.31 2.39 2.29	0 0.00 0.00 0.00	870 0.60 4.67 6.33	18619 12.84
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27918 19.25 98.79 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	342 0.24 1.21 2.48	28260 19.49	
SR6	0 0.00 0.00 0.00	186 0.13 0.95 0.69	186 0.13 0.95 2.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18923 13.05 96.80 97.39	0 0.00 0.00 0.00	255 0.18 1.31 1.86	19550 13.48	
SR7	0 0.00 0.00 0.00	330 0.23 0.98 1.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	61 0.04 0.18 0.31	30888 21.30 91.62 100.00	2435 1.68 7.22 17.71	33715 23.25	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8172 5.64 100.00 59.43	8172 5.64	
TOTAL	1795 1.24	26870 18.53	7168 4.94	17202 11.86	27918 19.25	19430 13.40	30888 21.30	13751 9.48	145022 100.00	

APPENDIX TABLE I-28  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ARCHERY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	3563	0	0	0	0	0	0	0	3563
	19.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.60
	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SR2	0	6085	0	0	0	0	0	265	6350
	0.00	33.46	0.00	0.00	0.00	0.00	0.00	1.46	34.92
	0.00	95.83	0.00	0.00	0.00	0.00	0.00	4.17	
	0.00	100.00	0.00	0.00	0.00	0.00	0.00	26.89	
SR3	0	0	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SR4	0	0	0	327	0	0	0	0	327
	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	1.80
	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	
SR5	0	0	0	0	1944	0	0	0	1944
	0.00	0.00	0.00	0.00	10.69	0.00	0.00	0.00	10.69
	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
SR6	0	0	0	0	0	582	0	0	582
	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	3.20
	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
SR7	0	0	0	0	0	0	4696	326	5022
	0.00	0.00	0.00	0.00	0.00	0.00	25.83	1.79	27.62
	0.00	0.00	0.00	0.00	0.00	0.00	93.51	6.49	
	0.00	0.00	0.00	0.00	0.00	0.00	100.00	33.04	
SR8	0	0	0	0	0	0	0	395	395
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.07	
TOTAL	3563	6085	0	327	1944	582	4696	986	18183
	19.60	33.46	0.00	1.80	10.69	3.20	25.83	5.42	100.00



APPENDIX TABLE I-29  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1886 2.67 95.10 91.47	97 0.14 4.90 0.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1983 2.81
SR2	176 0.25 1.36 8.53	11835 16.76 91.70 77.29	0 0.00 0.00 0.00	360 0.51 2.79 2.29	268 0.38 2.07 2.71	0 0.00 0.00 0.00	0 0.00 0.00 0.00	268 0.38 2.07 17.95	0 0.00 0.00 0.00	12906 18.27
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	588 0.83 88.57 22.36	76 0.11 11.43 0.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	664 0.94
SR4	0 0.00 0.00 0.00	1416 2.01 7.02 9.25	656 0.93 3.25 24.96	15267 21.62 75.65 97.23	1529 2.17 7.57 15.46	0 0.00 0.00 0.00	1313 1.86 6.51 6.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20181 28.57
SR5	0 0.00 0.00 0.00	444 0.63 6.32 2.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6577 9.32 93.68 66.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7020 9.94
SR6	0 0.00 0.00 0.00	66 0.09 1.94 0.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	193 0.27 5.67 1.95	3018 4.28 88.65 97.79	127 0.18 3.73 0.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3405 4.82
SR7	0 0.00 0.00 0.00	1454 2.06 6.22 9.49	1386 1.96 5.93 52.66	0 0.00 0.00 0.00	1323 1.87 5.66 13.38	68 0.10 0.29 2.21	19018 26.94 81.35 92.96	131 0.18 0.56 8.76	0 0.00 0.00 0.00	23379 33.10
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1093 1.55 100.00 73.29	0 0.00 0.00 0.00	1093 1.55
TOTAL	2062 2.92	15311 21.68	2630 3.72	15703 22.23	9889 14.00	3086 4.37	20457 28.96	1491 2.11	0 0.00	70631 100.00

APPENDIX TABLE I-30  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SOCCER  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR2	0 0.00 0.00 0.00	1773 8.53 62.48 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1065 5.12 37.52 100.00	2838 13.65
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1300 6.25 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1300 6.25
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14209 68.32 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14209 68.32
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2451 11.78 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2451 11.78
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
TOTAL	0 0.00	1773 8.53	0 0.00	0 0.00	1300 6.25	14209 68.32	2451 11.78	1065 5.12	100.00	20798

APPENDIX TABLE I-31  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSESHOES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1978

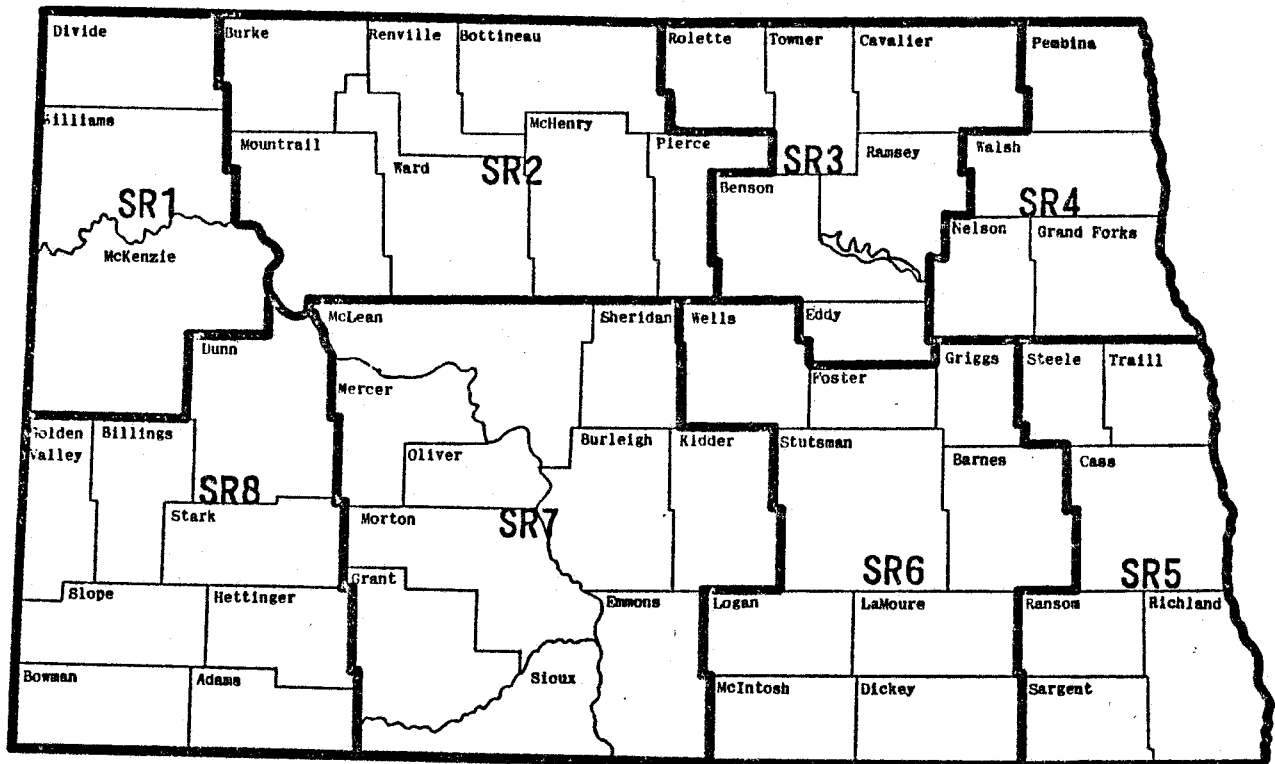
FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	472	657	0	0	0	0	0	0	1129
	1.56	2.17	0.00	0.00	0.00	0.00	0.00	0.00	3.73
	41.78	58.22	0.00	0.00	0.00	0.00	0.00	0.00	
	100.00	40.87	0.00	0.00	0.00	0.00	0.00	0.00	
SR2	0	886	0	0	0	0	354	0	1239
	0.00	2.92	0.00	0.00	0.00	0.00	1.17	0.00	4.09
	0.00	71.47	0.00	0.00	0.00	0.00	28.53	0.00	
	0.00	55.08	0.00	0.00	0.00	0.00	2.67	0.00	
SR3	0	0	1885	0	0	0	0	0	1885
	0.00	0.00	6.22	0.00	0.00	0.00	0.00	0.00	6.22
	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
SR4	0	0	0	2987	0	0	0	0	2987
	0.00	0.00	0.00	9.86	0.00	0.00	0.00	0.00	9.86
	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	91.82	0.00	0.00	0.00	0.00	
SR5	0	0	0	266	3459	0	0	0	3725
	0.00	0.00	0.00	0.88	11.42	0.00	0.00	0.00	12.30
	0.00	0.00	0.00	7.14	92.86	0.00	0.00	0.00	
	0.00	0.00	0.00	8.18	96.30	0.00	0.00	0.00	
SR6	0	0	0	0	0	3965	0	63	4028
	0.00	0.00	0.00	0.00	0.00	13.09	0.00	0.21	13.30
	0.00	0.00	0.00	0.00	0.00	98.43	0.00	1.57	
	0.00	0.00	0.00	0.00	0.00	90.93	0.00	3.39	
SR7	0	65	0	0	133	395	12588	528	13709
	0.00	0.21	0.00	0.00	0.44	1.31	41.55	1.74	45.26
	0.00	0.47	0.00	0.00	0.97	2.88	91.82	3.85	
	0.00	4.04	0.00	0.00	3.70	9.07	94.95	28.40	
SR8	0	0	0	0	0	0	316	1268	1585
	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.19	5.23
	0.00	0.00	0.00	0.00	0.00	0.00	19.96	80.04	
	0.00	0.00	0.00	0.00	0.00	0.00	2.39	68.21	
TOTAL	472	1608	1885	3253	3592	4360	13257	1860	30287
	1.56	5.31	6.22	10.74	11.86	14.40	43.77	6.14	100.00



APPENDIX J  
DISTRIBUTION OF TOTAL NUMBER OF DAYS  
OF PARTICIPATION BY POPULATION, 1980

In 1980, residents of SR1 are projected to participate 33,160 days in upland game hunting in SR1 (first value in SR1, SR1 component of Appendix Table J-1), 4,161 days in SR2 (first value in SR1, SR2 component of table), and 693 days in SR8 (first value in SR1, SR8 component of table) for a total of 38,014 days (row total for SR1). Residents are expected to hunt upland game a total of 514,682 days (total in lower right hand column) on a statewide basis. Of those 514,682 days, 33,160 or 6.44 percent (second value in SR1, SR1 component of table) will occur in SR1 by residents of SR1.

Of all days of participation in upland game hunting by residents of SR1 (38,014), 87.23 percent (third value in SR1, SR1 component of table) will occur in the home region (SR1), while 10.95 percent (third value in SR1, SR2 component of table) will occur in SR2. Of the 49,564 days of participation in SR1 (total of SR1 column) 33,160 days or 66.90 percent (fourth value in SR1, SR1 component of table) will occur by residents of SR1, 6,734 days or 13.59 percent (fourth value in SR2, SR1 component of table) represent days of participation by residents of SR2, etc.



APPENDIX TABLE J-1  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	33160 6.44 87.23 66.90	4161 0.81 10.95 3.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	693 0.13 1.82 1.26	38014 7.39
SR2	6734 1.31 4.78 13.59	120374 23.39 85.47 88.37	1218 0.24 0.87 4.71	0 0.00 0.00 0.00	962 0.19 0.68 1.51	385 0.07 0.27 0.85	8465 1.64 6.01 6.86	2694 0.52 1.91 4.89	140832 27.36
SR3	733 0.14 3.25 1.48	1221 0.24 5.41 0.90	17150 3.33 75.97 66.29	342 0.07 1.52 2.21	733 0.14 3.25 1.15	49 0.01 0.22 0.11	1515 0.29 6.71 1.23	831 0.16 3.68 1.51	22573 4.39
SR4	575 0.11 2.24 1.16	1278 0.25 4.99 0.94	3706 0.72 14.46 14.33	14889 2.89 58.10 96.01	1214 0.24 4.74 1.91	1342 0.26 5.24 2.96	1278 0.25 4.99 1.04	1342 0.26 5.24 2.44	25624 4.98
SR5	2813 0.55 3.21 5.68	4328 0.84 4.94 3.18	2218 0.43 2.53 8.57	0 0.00 0.00 0.00	59026 11.47 67.39 92.68	4977 0.97 5.68 10.98	10442 2.03 11.92 8.46	3787 0.74 4.32 6.88	87592 17.02
SR6	473 0.09 1.04 0.95	2208 0.43 4.84 1.62	552 0.11 1.21 2.13	276 0.05 0.60 1.78	1538 0.30 3.37 2.41	35373 6.87 77.46 78.06	2208 0.43 4.84 1.79	3036 0.59 6.65 5.51	45665 8.87
SR7	3843 0.75 3.40 7.75	2184 0.42 1.93 1.60	175 0.03 0.15 0.68	0 0.00 0.00 0.00	218 0.04 0.19 0.34	3188 0.62 2.82 7.04	99488 19.33 87.99 80.60	3974 0.77 3.51 7.22	113070 21.97
SR8	1233 0.24 2.98 2.49	468 0.09 1.13 0.34	850 0.17 2.06 3.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	43 0.01 0.10 0.03	38719 7.52 93.72 70.30	41312 8.03
TOTAL	49564 9.63	136222 26.47	25869 5.03	15507 3.01	63691 12.37	45314 8.80	123438 23.98	55077 10.70	514682 100.00

APPENDIX TABLE J-2  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN WATERFOWL HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	19209 2.97 82.26 83.04	3785 0.59 16.21 2.09	143 0.02 0.61 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	214 0.03 0.52 0.27	0 0.00 0.00 0.00	23351 3.61
SR2	1087 0.17 0.65 4.70	151401 23.42 91.17 83.46	5230 0.81 3.15 3.96	136 0.02 0.08 0.30	68 0.01 0.04 0.11	1494 0.23 0.90 1.33	6385 0.99 3.84 8.17	272 0.04 0.16 2.25	166072 25.68
SR3	0 0.00 0.00 0.00	1709 0.26 2.14 0.94	75570 11.69 94.57 57.27	520 0.14 1.15 2.00	1249 0.19 1.56 2.04	394 0.06 0.49 0.35	0 0.00 0.00 0.00	66 0.01 0.08 0.54	79907 12.36
SR4	0 0.00 0.00 0.00	3457 0.53 4.41 1.91	22777 3.52 29.04 17.26	42364 6.55 54.01 92.02	3988 0.62 5.08 6.50	4431 0.69 5.65 3.94	1241 0.19 1.58 1.59	177 0.03 0.23 1.47	78436 12.13
SR5	1154 0.18 1.07 4.99	4753 0.74 4.40 2.62	16023 2.48 14.84 12.14	1765 0.27 1.64 3.83	55063 8.52 51.01 89.79	24850 3.84 23.02 22.07	3259 0.50 3.02 4.17	1086 0.17 1.01 8.98	107954 16.69
SR6	0 0.00 0.00 0.00	4919 0.76 5.49 2.71	4395 0.68 4.91 3.33	523 0.08 0.58 1.14	785 0.12 0.88 1.28	73203 11.32 81.72 65.01	4291 0.66 4.79 5.49	1465 0.23 1.64 12.12	89581 13.85
SR7	1046 0.16 1.19 4.52	9306 1.44 10.60 5.13	6883 1.06 7.84 5.22	330 0.05 0.38 0.72	0 0.00 0.00 0.00	7765 1.20 8.85 6.90	62447 9.66 71.14 79.93	0 0.00 0.00 0.00	87778 13.57
SR8	636 0.10 4.68 2.75	2083 0.32 15.32 1.15	926 0.14 6.81 0.70	0 0.00 0.00 0.00	174 0.03 1.28 0.28	463 0.07 3.40 0.41	289 0.04 2.13 0.37	9026 1.40 66.38 74.64	13597 2.10
TOTAL	23133 3.58	181411 28.05	131948 20.40	46039 7.12	61327 9.48	112601 17.41	78126 12.08	12092 1.87	646675 100.00



APPENDIX TABLE J-3  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	12080 4.81 88.24 50.91	777 0.31 5.67 1.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	633 0.25 4.62 1.97	0 0.00 0.00 0.00	201 0.08 1.47 0.62	13690 5.45
SR2	2914 1.16 5.48 12.28	43050 17.14 80.89 81.40	428 0.17 0.81 2.41	428 0.17 0.81 2.07	0 0.00 0.00 0.00	2342 0.93 4.40 7.30	3057 1.22 5.74 8.31	1000 0.40 1.88 3.06	53220 21.19
SR3	173 0.07 1.03 0.73	2399 0.95 14.33 4.54	13455 5.36 80.35 75.74	124 0.05 0.74 0.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	173 0.07 1.03 0.47	420 0.17 2.51 1.29	16744 6.67
SR4	2550 1.01 7.10 10.75	2001 0.80 5.58 3.78	1614 0.64 4.50 9.08	20107 8.00 56.03 97.33	2098 0.84 5.85 6.09	2872 1.14 8.00 8.95	1452 0.58 4.05 3.95	3195 1.27 8.90 9.77	35890 14.29
SR5	1831 0.73 3.70 7.71	1398 0.56 2.83 2.64	1195 0.48 2.42 6.73	0 0.00 0.00 0.00	30864 12.29 62.38 89.53	2771 1.10 5.60 8.63	3639 1.53 7.76 10.43	7576 3.02 15.31 23.17	49475 19.70
SR6	432 0.17 1.47 1.82	490 0.20 1.67 0.93	196 0.08 0.67 1.10	0 0.00 0.00 0.00	1510 0.60 5.14 4.38	22500 8.96 76.52 70.10	1550 0.62 5.27 4.21	2727 1.09 9.27 8.34	29405 11.71
SR7	3567 1.42 9.20 15.03	2586 1.03 6.67 4.89	876 0.35 2.26 4.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	980 0.39 2.53 3.05	26469 10.54 68.26 71.93	4297 1.71 11.08 13.14	38775 15.44
SR8	183 0.07 1.31 0.77	183 0.07 1.31 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	261 0.10 1.88 0.71	13275 5.28 95.50 40.61	13901 5.54
TOTAL	23728 9.45	52884 21.06	17764 7.07	20660 8.23	34473 13.73	32100 12.78	36801 14.66	32692 13.02	251100 100.00

APPENDIX TABLE J-4  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN NONGAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	24731 7.95 90.01 87.48	1137 0.37 4.14 2.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.52 5.85 3.92	1607 8.83	27474
SR2	1328 0.43 2.67 4.70	47418 15.24 95.41 94.19	58 0.02 0.12 0.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	231 0.07 0.46 0.69	231 0.07 0.46 0.37	433 0.14 0.87 1.06	49698 15.97
SR3	773 0.25 2.41 2.73	639 0.21 1.99 1.27	29607 9.52 92.15 88.19	639 0.21 1.99 2.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	202 0.06 0.63 0.60	269 0.09 0.84 0.43	0 0.00 0.00 0.00	32128 10.33
SR4	0 0.00 0.00 0.00	179 0.06 0.52 0.36	2418 0.78 7.04 7.20	29647 9.53 86.31 97.89	1926 0.62 5.61 6.15	0 0.00 0.52 0.53	179 0.06 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	34350 11.04
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	726 0.23 2.11 2.16	0 0.00 0.00 0.00	29344 9.43 85.16 93.68	726 0.23 2.11 2.16	2034 0.65 5.90 3.24	1627 0.52 4.72 3.97	0 0.00 0.00 0.00	34457 11.07
SR6	553 0.18 1.58 1.96	316 0.10 0.90 0.63	263 0.08 0.75 0.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32038 10.30 91.78 95.39	1580 0.51 4.52 2.52	158 0.05 0.45 0.39	34908 11.22
SR7	446 0.14 0.73 1.58	656 0.21 1.07 1.30	498 0.16 0.82 1.48	0 0.00 0.00 0.00	52 0.02 0.09 0.17	210 0.07 0.34 0.62	58567 18.83 95.88 93.33	656 0.21 1.07 1.60	0 0.00 0.00 0.00	61085 19.63
SR8	439 0.14 1.18 1.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	73 0.02 0.20 0.12	36523 11.74 98.62 89.07	37035 11.90
TOTAL	28268 9.09	50344 16.18	33572 10.79	30286 9.73	31322 10.07	33586 10.79	62753 20.17	41003 13.18	311134 100.00	

APPENDIX TABLE J-5  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	23072 7.24 92.63 98.50	1835 0.58 7.37 2.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24907 7.82
SR2	227 0.07 0.25 0.97	72885 22.88 81.28 88.89	5897 1.85 6.58 10.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10585 3.32 11.80 13.70	76 0.02 0.08 0.72		89670 28.14
SR3	0 0.00 0.00 0.00	2579 0.81 6.28 3.15	37459 11.76 91.26 68.87	315 0.10 0.77 2.16	0 0.00 0.00 0.00	377 0.12 0.92 1.25	0 0.00 0.00 0.00	315 0.10 0.77 2.98		41044 12.88
SR4	0 0.00 0.00 0.00	142 0.04 0.51 0.17	7973 2.50 28.72 14.66	14273 4.48 51.41 97.84	4698 1.47 16.92 17.88	676 0.21 2.44 2.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00		27762 8.71
SR5	126 0.04 0.51 0.54	0 0.00 0.00 0.00	973 0.31 3.98 1.79	0 0.00 0.00 0.00	21197 6.65 86.76 80.67	2010 0.63 8.23 6.66	126 0.04 0.51 0.16	0 0.00 0.00 0.00		24431 7.67
SR6	0 0.00 0.00 0.00	501 0.16 1.66 0.61	286 0.09 0.95 0.53	0 0.00 0.00 0.00	382 0.12 1.26 1.45	25660 8.05 84.93 85.07	2122 0.67 7.02 2.75	1264 0.40 4.18 11.98		30215 9.48
SR7	0 0.00 0.00 0.00	3935 1.24 5.54 4.80	1799 0.56 2.53 3.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1096 0.34 1.54 3.63	64254 20.17 90.39 83.17	0 0.00 0.00 0.00		71084 22.31
SR8	0 0.00 0.00 0.00	114 0.04 1.20 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	343 0.11 3.60 1.14	172 0.05 1.80 0.22	8897 2.79 93.39 84.32		9526 2.99
TOTAL	23425 7.35	81992 25.73	54388 17.07	14587 4.58	26276 8.25	30163 9.47	77259 24.26	10551 3.31		318639 100.00

APPENDIX TABLE J-6  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CROSS-COUNTRY SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	5206 2.54 93.80 100.00	65 0.03 1.16 0.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	280 0.14 5.04 0.70	0 0.00 0.00 0.00	5550 2.71
SR2	0 0.00 0.00 0.00	22460 10.97 100.00 89.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22460 10.98
SR3	0 0.00 0.00 0.00	366 0.18 2.95 1.47	12062 5.89 97.05 96.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12428 6.07
SR4	0 0.00 0.00 0.00	679 0.33 1.95 2.72	176 0.09 0.50 1.42	32543 15.90 93.23 97.22	0 0.00 0.00 0.00	931 0.45 2.67 1.75	0 0.00 0.00 0.00	75 0.04 0.22 0.19	503 0.25 1.44 2.88	34907 17.06
SR5	0 0.00 0.00 0.00	604 0.30 1.12 2.42	201 0.10 0.37 1.62	201 0.10 0.37 0.60	52032 25.42 96.74 97.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	745 0.36 1.38 1.86	0 0.00 0.00 0.00	53783 26.28
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	260 0.13 1.43 0.78	107 0.05 0.59 0.20	17865 8.73 97.98 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18233 8.91
SR7	0 0.00 0.00 0.00	724 0.35 1.79 2.90	0 0.00 0.00 0.00	470 0.23 1.16 1.40	137 0.07 0.34 0.26	0 0.00 0.00 0.00	38933 19.02 96.37 97.25	137 0.07 0.34 0.78	0 0.00 0.00 0.00	40401 19.74
SR8	0 0.00 0.00 0.00	68 0.03 0.40 0.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16815 8.22 99.60 96.33	16882 8.25
TOTAL	5206 2.54	24965 12.20	12439 6.08	33474 16.36	53207 26.00	17865 8.73	40033 19.56	17455 8.53		204645 100.00

APPENDIX TABLE J-7  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN DOWNHILL SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	320 0.32 11.29 85.64	2518 2.51 88.71 4.70	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2838 2.83
SR2	0 0.00 0.00 0.00	38593 38.45 100.00 72.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	38593 38.44
SR3	0 0.00 0.00 0.00	4671 4.65 24.02 8.73	13113 13.06 67.43 94.01	1662 1.66 8.55 9.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19446 19.37
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	570 0.57 3.32 4.09	15545 15.49 90.46 88.29	903 0.90 5.25 15.61	0 0.00 0.00 0.00	166 0.17 0.97 10.79	0 0.00 0.00 0.00	17184 17.11
SR5	0 0.00 0.00 0.00	66 0.07 1.56 0.12	66 0.07 1.56 0.48	199 0.20 4.68 1.13	3666 3.65 85.97 63.41	0 0.00 0.00 0.00	199 0.20 4.68 12.94	66 0.07 1.56 4.10	4264 4.25
SR6	54 0.05 0.62 14.36	1428 1.42 16.56 2.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1113 1.11 12.91 19.25	6027 6.00 69.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8622 8.59
SR7	0 0.00 0.00 0.00	6233 6.21 78.83 11.65	199 0.20 2.52 1.43	199 0.20 2.52 1.13	100 0.10 1.26 1.72	0 0.00 0.00 0.00	1175 1.17 14.86 76.27	0 0.00 0.00 0.00	7907 7.87
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1554 1.55 100.00 95.90	1554 1.55
TOTAL	374 0.37	53509 53.29	13949 13.89	17606 17.53	5782 5.76	6027 6.00	1541 1.53	1620 1.61	100408 100.00

APPENDIX TABLE J-8  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SNOWMOBILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	77565 6.59 95.50 96.86	3338 0.28 4.11 1.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	318 0.03 0.39 0.28	81221 6.90
SR2	955 0.08 0.36 1.19	258594 21.99 97.08 95.38	2456 0.21 0.92 1.37	2593 0.22 0.97 1.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1774 0.15 0.67 1.16	0 0.00 0.00 0.00	266372 22.64
SR3	0 0.00 0.00 0.00	1098 0.09 0.64 0.40	165746 14.09 97.28 92.55	3049 0.26 1.79 2.15	0 0.00 0.00 0.00	122 0.01 0.07 0.14	0 0.00 0.00 0.00	366 0.03 0.21 0.32	170381 14.48
SR4	0 0.00 0.00 0.00	2904 0.25 1.97 1.07	7337 0.62 4.98 4.10	134358 11.42 91.28 94.75	1834 0.16 1.25 1.21	611 0.05 0.42 0.70	153 0.01 0.10 0.10	0 0.00 0.00 0.00	147198 12.51
SR5	0 0.00 0.00 0.00	1354 0.12 0.87 0.50	339 0.03 0.22 0.19	1806 0.15 1.16 1.27	146473 12.45 94.40 96.96	4627 0.39 2.98 5.30	451 0.04 0.29 0.30	113 0.01 0.07 0.10	155162 13.19
SR6	799 0.07 0.97 1.00	1777 0.15 2.16 0.66	622 0.05 0.76 0.35	0 0.00 0.00 0.00	2487 0.21 3.02 1.65	75146 6.39 91.36 86.09	1332 0.11 1.62 0.87	89 0.01 0.11 0.08	82252 6.99
SR7	446 0.04 0.28 0.56	2052 0.17 1.27 0.76	2588 0.22 1.60 1.44	0 0.00 0.00 0.00	268 0.02 0.17 0.18	6781 0.58 4.19 7.77	148656 12.64 91.94 97.50	892 0.08 0.55 0.79	161683 13.74
SR8	316 0.03 0.28 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	105 0.01 0.09 0.07	111663 9.49 99.62 98.43	112084 9.53
TOTAL	80082 6.81	271116 23.05	179088 15.22	141805 12.05	151062 12.84	87288 7.42	152472 12.96	113441 9.64	1176353 100.00

APPENDIX TABLE J-9  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SLEDDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	58164 8.96 99.07 96.99	469 0.07 0.80 0.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	78 0.01 0.13 0.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	58711 9.04
SR2	0 0.00 0.00 0.00	100922 15.54 98.64 98.96	0 0.00 0.00 0.00	293 0.05 0.29 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1098 0.17 1.07 0.81	0 0.00 0.00 0.00	102313 15.75
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	48514 7.53 98.90 97.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	543 0.08 1.10 0.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49457 7.61
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	773 0.12 0.72 1.55	105516 16.25 98.63 99.61	696 0.11 0.65 0.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	106984 16.47
SR5	1486 0.23 1.66 2.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	86718 13.35 96.76 98.61	258 0.04 0.29 0.46	1163 0.18 1.30 0.85	0 0.00 0.00 0.00	89626 13.80
SR6	199 0.03 0.35 0.33	249 0.04 0.44 0.24	249 0.04 0.44 0.50	0 0.00 0.00 0.00	447 0.07 0.79 0.51	54970 8.47 96.76 98.56	696 0.11 1.22 0.51	0 0.00 0.00 0.00	56809 8.75
SR7	0 0.00 0.00 0.00	345 0.05 0.26 0.34	0 0.00 0.00 0.00	115 0.02 0.09 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	133159 20.51 99.44 97.83	288 0.04 0.21 0.55	133908 20.62
SR8	117 0.02 0.23 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51595 7.95 99.77 99.45	51712 7.96
TOTAL	59966 9.23	101985 15.70	49536 7.69	105923 16.31	87939 13.54	55771 8.59	136116 20.96	51883 7.99	649519 100.00

APPENDIX TABLE J-10  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE SKATING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	55310 7.40 99.84 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89 0.01 0.16 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	55399 7.42
SR2	0 0.00 0.00 0.00	109143 14.61 99.34 99.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	721 0.10 0.66 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	109864 14.71
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	62941 8.43 99.29 100.00	0 0.00 0.00 0.00	451 0.06 0.71 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	63392 8.49
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	204612 27.39 99.60 99.75	364 0.05 0.18 0.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	456 0.06 0.22 1.05	205432 27.50
SR5	0 0.00 0.00 0.00	140 0.02 0.11 0.13	0 0.00 0.00 0.00	280 0.04 0.22 0.14	125354 16.78 99.33 98.44	280 0.04 0.22 0.52	140 0.02 0.11 0.16	0 0.00 0.00 0.00	126194 16.89
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	53154 7.12 99.89 99.48	58 0.01 0.11 0.06	0 0.00 0.00 0.00	53212 7.12
SR7	0 0.00 0.00 0.00	301 0.04 0.33 0.27	0 0.00 0.00 0.00	241 0.03 0.26 0.12	361 0.05 0.40 0.28	0 0.00 0.00 0.00	89841 12.03 98.74 99.78	241 0.03 0.26 0.56	90985 12.18
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	42548 5.70 100.00 98.39	42548 5.70
TOTAL	55310 7.40	109584 14.67	62941 8.43	205133 27.46	127340 17.05	53434 7.15	90039 12.05	43244 5.79	747026 100.00



APPENDIX TABLE J-11  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HOCKEY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1224 0.59 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1224 0.59
SR2	0 0.00 0.00 0.00	16486 7.97 85.71 56.73	0 0.00 0.00 0.00	1982 0.96 10.30 2.29	766 0.37 3.98 2.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19234 9.30
SR3	0 0.00 0.00 0.00	205 0.10 1.04 1.21	18240 8.82 92.66 95.48	986 0.48 5.01 1.14	205 0.10 1.04 0.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	62 0.03 0.31 3.00	0 0.00 0.00 0.00	19698 9.53
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	160 0.08 0.20 0.84	79370 38.38 98.35 91.79	1169 0.57 1.45 3.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	80699 39.03
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2948 1.43 8.13 3.41	32168 15.56 88.73 93.76	334 0.16 0.92 1.11	472 0.23 1.30 2.84	334 0.16 0.92 16.25	0 0.00 0.00 0.00	36256 17.53
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	336 0.16 1.11 0.39	0 0.00 0.00 0.00	29666 14.35 97.79 98.89	336 0.16 1.11 2.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	30338 14.67
SR7	0 0.00 0.00 0.00	352 0.17 1.99 2.06	704 0.34 3.98 3.66	849 0.41 4.80 0.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15770 7.63 89.23 95.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17674 8.55
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1660 0.80 100.00 80.75	0 0.00 0.00 0.00	1660 0.80
TOTAL	1224 0.59	17044 8.24	19104 9.24	86470 41.82	34308 16.59	30000 14.51	16578 8.02	2056 0.99	0.00 0.00	206783 100.00

APPENDIX TABLE J-12  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	59544 5.09 78.13 78.10	9848 0.84 12.92 4.70	152 0.01 0.20 0.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6666 0.57 8.75 9.12	76210 6.51
SR2	4435 0.38 1.48 5.82	178319 15.23 59.69 85.17	12784 1.09 4.28 10.13	913 0.08 0.31 1.59	3783 0.32 1.27 4.73	2870 0.25 0.96 2.00	95225 8.13 31.88 23.48	391 0.03 0.13 0.54	298720 25.51
SR3	839 0.07 1.17 1.10	2636 0.23 3.67 1.26	65300 5.58 90.98 51.73	719 0.06 1.00 1.25	0 0.00 0.00 0.00	839 0.07 1.17 0.59	0 0.00 0.00 0.00	1438 0.12 2.00 1.97	71770 6.13
SR4	172 0.01 0.16 0.23	859 0.07 0.82 0.41	26796 2.29 25.45 21.23	52905 4.52 50.24 51.99	12539 1.07 11.91 15.69	9275 0.79 8.81 6.48	2061 0.18 1.96 0.51	687 0.06 0.65 0.94	105294 8.99
SR5	1694 0.14 1.77 2.22	2607 0.22 2.72 1.24	7689 0.66 8.02 6.09	652 0.06 0.68 1.13	58386 4.99 60.87 73.07	14466 1.24 15.08 10.10	8341 0.71 8.70 2.06	2085 0.18 2.17 2.85	95920 8.19
SR6	1120 0.10 0.83 1.47	3826 0.33 2.82 1.83	7372 0.63 5.44 5.84	746 0.06 0.55 1.30	2239 0.19 1.65 2.80	112160 9.58 82.78 78.30	6065 0.52 4.48 1.50	1960 0.17 1.45 2.68	135487 11.57
SR7	591 0.05 0.19 0.77	8465 0.72 2.75 4.04	5906 0.50 1.92 4.68	1575 0.13 0.51 2.74	2953 0.25 0.96 3.70	3051 0.26 0.99 2.13	283771 24.23 92.11 69.97	1772 0.15 0.58 2.42	308083 26.31
SR8	7849 0.67 9.85 10.29	2812 0.24 3.53 1.34	234 0.02 0.29 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	586 0.05 0.74 0.41	10075 0.86 12.65 2.48	58106 4.96 72.94 79.48	79662 6.80
TOTAL	76243 6.51	209371 17.88	126232 10.78	57510 4.91	79900 6.82	143247 12.23	405539 34.63	73105 6.24	1171146 100.00

APPENDIX TABLE J-13  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN POWERBOATING/WATERSKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	17041 2.52 93.75 61.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1136 0.17 6.25 3.99	18177 2.69
SR2	5690 0.84 2.31 20.44	170186 25.17 68.98 89.94	3070 0.45 1.24 3.04	0 0.00 0.00 0.00	2695 0.40 1.09 11.12	0 0.00 0.00 0.00	64650 9.57 26.22 32.77	374 0.06 0.15 1.31	246706 36.50
SR3	0 0.00 0.00 0.00	4514 0.67 4.79 2.39	85831 12.70 91.07 84.87	2667 0.39 2.83 4.61	547 0.08 0.58 2.26	0 0.00 0.00 0.00	684 0.10 0.73 0.35	0 0.00 0.00 0.00	94243 13.94
SR4	0 0.00 0.00 0.00	10814 1.60 12.12 5.71	10132 1.50 11.35 10.02	55143 8.16 61.79 95.30	9450 1.40 10.59 38.98	3605 0.53 4.04 7.25	0 0.00 0.00 0.00	97 0.01 0.11 0.34	89242 13.20
SR5	0 0.00 0.00 0.00	469 0.07 2.26 0.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10141 1.50 48.87 41.83	8383 1.24 40.40 16.86	1524 0.23 7.34 0.77	234 0.03 1.13 0.82	20752 3.07
SR6	0 0.00 0.00 0.00	1621 0.24 3.84 0.86	1673 0.25 3.96 1.65	0 0.00 0.00 0.00	1412 0.21 3.34 5.82	34718 5.14 82.18 69.81	2823 0.42 6.68 1.43	0 0.00 0.00 0.00	42247 6.25
SR7	646 0.10 0.50 2.32	1455 0.22 1.12 0.77	431 0.06 0.33 0.43	54 0.01 0.04 0.09	0 0.00 0.00 0.00	2855 0.42 2.21 5.74	123903 18.33 55.79 62.76	0 0.00 0.00 0.00	129344 19.14
SR8	4467 0.66 12.68 16.04	170 0.03 0.48 0.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	170 0.03 0.48 0.34	3789 0.56 10.75 1.92	26633 3.94 75.60 93.53	35228 5.21
TOTAL	27845 4.12	189228 27.99	101137 14.96	57864 8.56	24246 3.59	49730 7.36	157413 29.21	28475 4.21	675938 100.00

APPENDIX TABLE J-14  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BEACH SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	22775 3.98 91.67 88.71	388 0.07 1.56 0.34	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1682 0.29 6.77 9.01	24845 4.34
SR2	655 0.11 0.41 2.55	93624 16.35 58.62 81.58	2521 0.44 1.58 3.95	302 0.05 0.19 0.37	3327 0.58 2.08 8.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	58534 10.22 36.65 32.93	756 0.13 0.47 4.05	159720 27.90
SR3	0 0.00 0.00 0.00	3181 0.56 5.26 2.77	53230 9.30 88.00 83.49	3541 0.62 5.85 4.31	0 0.00 0.00 0.00	540 0.09 0.89 1.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	60491 10.57
SR4	0 0.00 0.00 0.00	12084 2.11 11.10 10.53	7553 1.32 6.94 11.85	78246 13.66 71.88 95.32	7955 1.39 7.31 20.57	2920 0.51 2.68 5.72	101 0.02 0.09 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	108859 19.02
SR5	0 0.00 0.00 0.00	1564 0.27 4.93 1.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24600 4.30 77.61 63.60	2286 0.40 7.21 4.47	2887 0.50 9.11 1.62	361 0.06 1.14 1.93	0 0.00 0.00 0.00	31698 5.54
SR6	0 0.00 0.00 0.00	577 0.10 1.13 0.50	399 0.07 0.78 0.63	0 0.00 0.00 0.00	2796 0.49 5.49 7.23	42156 7.36 82.75 82.50	5014 0.88 9.84 2.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50942 8.90
SR7	455 0.08 0.39 1.77	3340 0.58 2.87 2.91	51 0.01 0.04 0.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2581 0.45 2.22 5.05	109308 19.09 94.08 61.50	455 0.08 0.39 2.44	0 0.00 0.00 0.00	116190 20.30
SR8	1787 0.31 9.07 6.96	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	613 0.11 3.11 1.20	1889 0.33 9.59 1.06	15418 2.69 78.24 82.57	0 0.00 0.00 0.00	19707 3.44
TOTAL	25672 4.48	114757 20.05	63753 11.14	82089 14.34	38679 6.76	51095 8.93	177733 31.05	18673 3.26	572453 100.00	

APPENDIX TABLE J-15  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	50423 4.34 100.00 92.70	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50423 4.34
SR2	2906 0.25 1.91 5.34	145281 12.50 55.36 99.80	1011 0.09 0.66 0.73	126 0.01 0.08 0.08	375 0.03 0.25 0.16	0 0.00 0.00 0.00	1137 0.10 0.75 0.57	1516 0.13 1.00 1.81		152356 13.11
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	136112 11.71 94.78 98.79	536 0.05 0.37 0.34	268 0.02 0.19 0.11	5359 0.46 3.73 3.60	0 0.00 0.00 0.00	1340 0.12 0.93 1.60		143614 12.35
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	284 0.02 0.18 0.21	153717 13.22 99.00 97.56	425 0.04 0.27 0.18	851 0.07 0.55 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00		155277 13.36
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3185 0.27 1.30 2.02	232389 19.99 94.57 98.81	3675 0.32 1.50 2.47	735 0.06 0.30 0.37	5758 0.50 2.34 6.87		245742 21.14
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	368 0.03 0.26 0.27	0 0.00 0.00 0.00	644 0.06 0.45 0.27	138492 11.91 96.29 92.97	736 0.06 0.51 0.37	3586 0.31 2.49 4.28		143826 12.37
SR7	390 0.03 0.20 0.72	292 0.03 0.15 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1072 0.09 0.54 0.46	585 0.05 0.30 0.39	194656 16.75 98.28 97.73	1072 0.09 0.54 1.28		198066 17.04
SR8	677 0.06 0.92 1.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1917 0.16 2.62 0.96	70585 6.07 96.46 84.17		73178 6.29
TOTAL	54395 4.68	145574 12.52	137774 11.85	157564 13.55	235177 20.23	148962 12.81	199181 17.13	83856 7.21		1162482 100.00

APPENDIX TABLE J-16  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN PICNICKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	35632 5.33 94.02 97.53	1719 0.26 4.54 1.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	469 0.07 1.24 0.29	78 0.01 0.21 0.15	37898 5.67
SR2	147 0.02 0.14 0.40	79549 11.90 76.00 84.86	3315 0.50 3.17 5.99	737 0.11 0.70 0.75	2725 0.41 2.60 3.30	368 0.06 0.35 0.41	16278 2.44 15.55 9.99	1547 0.23 1.48 3.06		104666 15.66
SR3	0 0.00 0.00 0.00	1069 0.16 2.24 1.14	41499 6.21 86.97 75.03	2473 0.37 5.18 2.53	67 0.01 0.14 0.08	1337 0.20 2.80 1.50	401 0.06 0.84 0.25	869 0.13 1.82 1.72		47714 7.14
SR4	0 0.00 0.00 0.00	202 0.03 0.18 0.21	8363 1.25 7.38 15.12	92297 13.81 81.49 94.33	6650 0.99 5.87 8.05	4333 0.65 3.83 4.87	1008 0.15 0.89 0.62	403 0.06 0.36 0.80		113255 16.94
SR5	144 0.02 0.18 0.39	1081 0.16 1.32 1.15	0 0.00 0.00 0.00	649 0.10 0.79 0.66	69195 10.35 84.36 83.80	4613 0.69 5.62 5.19	2307 0.35 2.81 1.42	4036 0.60 4.92 7.98		82025 12.27
SR6	0 0.00 0.00 0.00	821 0.12 0.94 0.88	1745 0.26 2.00 3.15	1078 0.16 1.23 1.10	2720 0.41 3.11 3.29	76253 11.41 87.21 85.78	1488 0.22 1.70 0.91	3335 0.50 3.81 6.59		87439 13.08
SR7	221 0.03 0.15 0.61	9236 1.38 6.12 9.85	387 0.06 0.26 0.70	608 0.09 0.40 0.62	1217 0.18 0.81 1.47	1604 0.24 1.06 1.80	133621 19.99 88.50 82.01	4093 0.61 2.71 8.09		150987 22.59
SR8	391 0.06 0.88 1.07	65 0.01 0.15 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	391 0.06 0.88 0.44	7364 1.10 16.57 4.52	36235 5.42 81.52 71.62		44446 6.65
TOTAL	36536 5.47	93743 14.02	55309 8.27	97841 14.64	82574 12.35	88898 13.30	162935 24.38	50596 7.57		668431 100.00

APPENDIX TABLE J-17  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CAMPING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	30205 4.04 67.21 54.96	6224 0.83 13.85 5.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 1.14 0.00 8.93	8512 18.94 8.93	44941 6.02
SR2	12453 1.67 6.24 22.66	84596 11.32 42.39 72.68	4151 0.56 2.08 6.84	332 0.04 0.17 0.64	1328 0.18 0.67 4.39	2158 0.29 1.08 2.89	87336 11.69 43.76 33.19	7223 0.97 3.62 7.57	199578 26.71	
SR3	0 0.00 0.00 0.00	6357 0.85 11.03 5.46	39820 5.33 69.07 65.61	2192 0.29 3.80 4.24	0 0.00 0.00 0.00	6649 0.89 11.53 8.90	877 0.12 1.52 0.33	1754 0.23 3.04 1.84	57648 7.72	
SR4	2814 0.38 4.02 5.12	4754 0.64 6.80 4.08	8441 1.13 12.07 13.91	37938 5.08 54.23 73.45	6307 0.84 9.02 20.87	3590 0.48 5.13 4.81	1358 0.18 1.94 0.52	4754 0.64 6.80 4.99	69957 9.36	
SR5	547 0.07 0.88 1.00	2189 0.29 3.50 1.88	2345 0.31 3.75 3.86	6723 0.90 10.76 13.02	21809 2.92 34.92 72.16	16181 2.17 25.91 21.66	6644 0.89 10.64 2.53	6019 0.81 9.64 6.31	62457 8.36	
SR6	652 0.09 1.04 1.19	1957 0.26 3.13 1.68	4389 0.59 7.02 7.23	1186 0.16 1.90 2.30	652 0.09 1.04 2.16	38607 5.17 61.76 51.69	8540 1.14 13.66 3.25	6524 0.87 10.44 6.84	62507 8.37	
SR7	1994 0.27 1.05 3.63	7204 0.96 3.81 6.19	1544 0.21 0.82 2.54	3280 0.44 1.73 6.35	129 0.02 0.07 0.43	7204 0.96 3.81 9.64	152505 20.42 80.56 57.96	15437 2.07 8.15 16.19	189296 25.34	
SR8	6297 0.84 10.37 11.46	3111 0.42 5.12 2.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	303 0.04 0.50 0.41	5842 0.78 9.62 2.22	45141 6.04 74.38 47.34	60694 8.12	
TOTAL	54962 7.36	116392 15.58	60690 8.12	51651 6.91	30225 4.05	74693 10.00	263102 35.22	95364 12.76	747078 100.00	

APPENDIX TABLE J-18  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	9907 4.18 43.58 61.27	2064 0.87 9.08 7.78	193 0.08 0.85 1.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	193 0.08 0.85 1.51	1321 0.56 5.81 2.03	9053 3.82 39.63 12.29	22730 9.60
SR2	1354 0.57 3.29 8.38	11577 4.89 28.15 43.66	4009 1.69 9.75 23.78	1726 0.73 4.20 14.64	903 0.38 2.19 6.42	717 0.30 1.74 5.64	10196 4.31 24.79 15.69	10647 4.50 25.89 14.45	41129 17.37
SR3	72 0.03 0.63 0.44	1957 0.83 17.15 7.38	4247 1.79 37.24 25.19	644 0.27 5.65 5.47	1217 0.51 10.67 8.66	239 0.10 2.09 1.88	1074 0.45 9.41 1.65	1957 0.83 17.15 2.66	11405 4.82
SR4	2156 0.91 7.62 13.34	1719 0.73 6.08 6.48	3312 1.40 11.71 19.64	7500 3.17 26.52 63.63	312 0.13 1.10 2.22	2250 0.95 7.96 17.69	5469 2.31 19.34 8.42	5562 2.35 19.67 7.55	28280 11.94
SR5	602 0.25 2.28 3.72	2332 0.98 8.85 8.79	1379 0.58 5.23 8.18	527 0.22 2.00 4.47	8953 3.78 33.97 63.71	1129 0.48 4.28 8.87	3862 1.63 14.65 5.94	7574 3.20 28.73 10.28	26357 11.13
SR6	577 0.24 2.23 3.57	1210 0.51 4.68 4.56	3443 1.45 13.32 20.42	261 0.11 1.01 2.21	1154 0.49 4.46 8.21	4914 2.07 19.01 38.63	6124 2.59 23.69 9.42	8171 3.45 31.61 11.09	25853 10.92
SR7	1429 0.60 2.24 8.84	4268 1.80 6.68 16.09	207 0.09 0.32 1.23	1057 0.45 1.65 8.96	1347 0.57 2.11 9.58	2631 1.11 4.12 20.68	34803 14.70 54.44 53.56	18189 7.68 28.45 24.69	63930 27.00
SR8	72 0.03 0.42 0.45	1393 0.59 8.16 5.25	72 0.03 0.42 0.43	72 0.03 0.42 0.61	168 0.07 0.98 1.20	648 0.27 3.80 5.10	2137 0.90 12.52 3.29	12511 5.28 73.28 16.98	17074 7.21
TOTAL	16169 6.83	26518 11.20	16863 7.12	11786 4.98	14054 5.94	12720 5.37	64985 27.45	73664 31.11	236759 100.00



APPENDIX TABLE J-19  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BICYCLING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	33972 1.62 100.00 97.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33972 1.62
SR2	861 0.04 0.29 2.47	295377 14.08 98.64 99.70	0 0.00 0.00 0.00	215 0.01 0.07 0.06	430 0.02 0.14 0.09	215 0.01 0.07 0.10	2366 0.11 0.79 0.71	0 0.00 0.00 0.00	0 0.00 0.00 0.00	299465 14.28
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	247466 11.80 99.55 99.30	1131 0.05 0.45 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	248597 11.85
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	346375 16.51 99.36 98.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2220 0.11 0.64 1.53	0 0.00 0.00 0.00	348595 16.62
SR5	0 0.00 0.00 0.00	217 0.01 0.04 0.07	1683 0.05 0.22 0.43	3900 0.19 0.77 1.11	476427 22.71 94.58 99.32	6283 0.30 1.25 3.06	0 0.00 0.00 0.00	15816 0.75 3.14 10.88	0 0.00 0.00 0.00	503726 24.01
SR6	0 0.00 0.00 0.00	165 0.01 0.08 0.06	661 0.03 0.33 0.27	165 0.01 0.08 0.05	2478 0.12 1.22 0.52	198755 9.47 97.96 96.67	165 0.01 0.08 0.05	496 0.02 0.24 0.34	0 0.00 0.00 0.00	202885 9.67
SR7	0 0.00 0.00 0.00	515 0.02 0.15 0.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	343 0.02 0.10 0.07	343 0.02 0.10 0.17	332451 15.85 99.54 99.24	343 0.02 0.10 0.24	0 0.00 0.00 0.00	333996 15.92
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	126478 6.03 100.00 87.01	0 0.00 0.00 0.00	126478 6.03
TOTAL	34833 1.66	296275 14.12	249210 11.88	351786 16.77	479679 22.87	205596 9.80	334982 15.97	145353 6.93	0 0.00	2097714 100.00

APPENDIX TABLE J-20  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BASEBALL/SOFTBALL  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	36515 5.11 93.76 98.43	168 0.02 0.43 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1089 0.15 2.80 0.61	0 0.00 0.00 0.00	251 0.04 0.65 0.20	921 0.13 2.37 3.50	38944 5.45
SR2	170 0.02 0.13 0.46	119468 16.72 91.28 97.90	85 0.01 0.07 0.22	170 0.02 0.13 0.25	170 0.02 0.13 0.09	852 0.12 0.65 0.75	3068 0.43 2.34 2.40	6902 0.97 5.27 26.22	130887 18.33
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	36809 5.15 97.39 93.86	165 0.02 0.44 0.24	329 0.05 0.87 0.18	329 0.05 0.87 0.29	165 0.02 0.44 0.13	0 0.00 0.00 0.00	37797 5.29
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1619 0.23 2.25 4.13	67143 9.40 93.13 98.17	1619 0.23 2.25 0.90	1143 0.16 1.59 1.00	571 0.08 0.79 0.45	0 0.00 0.00 0.00	72095 10.09
SR5	0 0.00 0.00 0.00	75 0.01 0.04 0.06	527 0.07 0.28 1.34	678 0.09 0.36 0.99	174447 24.42 93.54 97.24	9867 1.38 5.29 8.66	904 0.13 0.48 0.71	0 0.00 0.00 0.00	186499 26.11
SR6	414 0.06 0.39 1.12	946 0.13 0.88 0.78	177 0.02 0.17 0.45	236 0.03 0.22 0.35	1123 0.16 1.05 0.63	99725 13.96 93.31 87.49	2010 0.28 1.88 1.57	2246 0.31 2.10 8.53	106878 14.96
SR7	0 0.00 0.00 0.00	936 0.13 0.74 0.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	550 0.08 0.44 0.31	1926 0.27 1.53 1.69	120517 16.87 95.97 94.32	1651 0.23 1.31 6.27	125580 17.58
SR8	0 0.00 0.00 0.00	434 0.06 2.79 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	72 0.01 0.47 0.04	145 0.02 0.93 0.13	289 0.04 1.86 0.23	14599 2.04 93.95 55.47	15539 2.18
TOTAL	37100 5.19	122026 17.09	39217 5.49	68392 9.58	179401 25.12	113987 15.96	127775 17.89	26320 3.69	714219 100.00

APPENDIX TABLE J-21  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN GOLF  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	55437 5.79 99.23 98.11	431 0.05 0.77 0.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	55868 5.83
SR2	0 0.00 0.00 0.00	95878 10.01 95.81 88.58	1614 0.17 1.61 2.24	323 0.03 0.32 0.19	430 0.04 0.43 0.21	108 0.01 0.11 0.09	1722 0.18 1.72 0.97	0 0.00 0.00 0.00	100075 10.44
SR3	860 0.09 1.18 1.52	287 0.03 0.39 0.26	68980 7.20 94.63 95.60	1529 0.16 2.10 0.90	96 0.01 0.13 0.05	860 0.09 1.18 0.75	287 0.03 0.39 0.16	0 0.00 0.00 0.00	72897 7.61
SR4	135 0.01 0.08 0.24	540 0.06 0.33 0.50	0 0.00 0.00 0.00	160120 16.71 97.94 94.15	1484 0.15 0.91 0.73	0 0.00 0.00 0.00	944 0.10 0.58 0.53	270 0.03 0.17 0.47	163492 17.06
SR5	0 0.00 0.00 0.00	6185 0.65 2.95 5.71	101 0.01 0.05 0.14	6895 0.72 3.25 4.05	191140 19.95 91.11 94.56	5171 0.54 2.46 4.53	304 0.03 0.14 0.17	0 0.00 0.00 0.00	209798 21.89
SR6	73 0.01 0.06 0.13	509 0.05 0.42 0.47	1381 0.14 1.14 1.91	654 0.07 0.54 0.36	8143 0.85 6.73 4.03	105501 11.01 87.20 92.51	4508 0.47 3.73 2.54	218 0.02 0.18 0.38	120988 12.63
SR7	0 0.00 0.00 0.00	4412 0.46 2.48 4.08	79 0.01 0.04 0.11	552 0.06 0.31 0.32	552 0.06 0.31 0.27	2206 0.23 1.24 1.93	169405 17.68 95.30 95.62	552 0.06 0.31 0.95	177757 18.55
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	296 0.03 0.52 0.15	197 0.02 0.34 0.17	0 0.00 0.00 0.00	56874 5.94 99.14 98.21	57368 5.99
TOTAL	56504 5.90	108242 11.30	72156 7.53	170072 17.75	202141 21.09	114044 11.90	177170 18.49	57514 6.04	958243 100.00

APPENDIX TABLE J-22  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TENNIS  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	14008 3.81 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14008 3.81
SR2	0 0.00 0.00 0.00	55315 15.06 99.25 99.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	415 0.11 0.75 0.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	55730 15.17
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16659 4.53 95.06 96.88	433 0.12 2.47 0.77	433 0.12 2.47 0.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17524 4.77
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	54381 14.80 100.00 96.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	54381 14.81
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	199 0.05 0.18 1.16	1356 0.37 1.20 2.40	97934 26.66 86.97 98.66	1755 0.48 1.56 5.62	199 0.05 0.18 0.43	11165 3.04 9.92 23.61	0 0.00 0.00 0.00	112608 30.66
SR6	0 0.00 0.00 0.00	140 0.04 0.47 0.25	337 0.09 1.12 1.96	0 0.00 0.00 0.00	337 0.09 1.12 0.34	29342 7.99 97.30 93.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	30156 8.21
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	206 0.06 0.42 0.37	147 0.04 0.30 0.15	147 0.04 0.30 0.47	46283 12.60 93.97 99.57	2472 0.67 5.02 5.23	0 0.00 0.00 0.00	49255 13.41
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33652 9.16 100.00 71.16	0 0.00 0.00 0.00	33652 9.16
TOTAL	14008 3.81	55455 15.10	17195 4.68	56375 15.35	99266 27.02	31243 8.51	46483 12.65	47289 12.87	0 0.00	367314 100.00

APPENDIX TABLE J-23  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN JOGGING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	23614 3.06 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23614 3.06
SR2	0 0.00 0.00 0.00	123280 15.99 90.82 98.66	2061 0.27 1.52 8.97	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	94 0.01 0.07 0.06	10305 1.34 7.59 10.44	0 0.00 0.00 0.00	135739 17.61
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19815 2.57 100.00 86.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19815 2.57
SR4	0 0.00 0.00 0.00	1011 0.13 0.99 0.81	0 0.00 0.00 0.00	98759 12.81 96.76 99.58	1011 0.13 0.99 0.56	276 0.04 0.27 0.53	1011 0.13 0.99 0.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	102066 13.24
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1089 0.14 0.61 4.74	0 0.00 0.00 0.00	173756 22.54 97.19 96.38	3768 0.49 2.11 7.19	0 0.00 0.00 0.00	167 0.02 0.09 0.17	0 0.00 0.00 0.00	178780 23.20
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5092 0.66 9.56 2.82	48178 6.25 90.44 91.94	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	53270 6.91
SR7	0 0.00 0.00 0.00	659 0.09 0.39 0.53	0 0.00 0.00 0.00	419 0.05 0.25 0.42	419 0.05 0.25 0.23	180 0.02 0.11 0.34	167567 21.74 98.59 99.35	718 0.09 0.42 0.73	0 0.00 0.00 0.00	169962 22.05
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	87483 11.35 100.00 88.66	0 0.00 0.00 0.00	87483 11.35
TOTAL	23614 3.06	124949 16.21	22965 2.98	99178 12.87	180278 23.39	52401 6.80	168672 21.88	98673 12.80	0 0.00	770729 100.00

APPENDIX TABLE J-24  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SAILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1150 2.52 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1150 2.52
SR2	0 0.00 0.00 0.00	10976 24.05 61.04 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7006 15.35 38.96 24.62	0 0.00 0.00 0.00	17982 39.40
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4140 9.07 100.00 92.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4140 9.07
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	274 0.60 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	274 0.60
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	331 0.73 100.00 7.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	331 0.73
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21447 46.99 100.00 75.38	0 0.00 0.00 0.00	21447 46.99
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	319 0.70 100.00 100.00	319 0.70
TOTAL	1150 2.52	10976 24.05	4471 9.80	0 0.00	274 0.60	0 0.00	28453 62.34	319 0.70	100.00	45643 100.00

APPENDIX TABLE J-25  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CANOEING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	651 2.42 95.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 0.10 4.10 2.14	679 2.55
SR2	0 0.00 0.00 0.00	687 2.55 24.19 100.00	782 2.91 27.56 27.27	195 0.72 6.86 12.04	980 3.65 34.54 74.91	0 0.00 0.00 0.00	0 0.00 6.86 6.66	195 0.72 6.86 0.00	0 0.00 0.00 0.00	2839 10.65
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1966 7.31 90.95 68.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	196 0.73 9.05 1.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2162 8.11
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	120 0.45 3.89 4.18	1423 5.29 46.11 87.96	0 0.00 0.00 0.00	476 1.77 15.42 3.11	356 1.32 11.53 12.17	711 2.64 23.06 54.56	0 0.00 0.00 0.00	3085 11.58
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	328 1.22 50.00 25.05	83 0.31 12.61 0.54	0 0.00 0.00 0.00	0 0.00 37.39 18.84	246 0.91 37.39 18.84	657 2.46
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14537 54.05 100.00 95.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14537 54.55
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2372 8.82 100.00 81.17	0 0.00 0.00 0.00	2372 8.90
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	319 1.19 100.00 24.47	319 1.20
TOTAL	651 2.44	687 2.58	2869 10.76	1617 6.07	1309 4.91	15291 57.38	2922 10.97	1304 4.89	26650 100.00	

APPENDIX TABLE J-26  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HIKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	4063 4.44 77.03 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1211 1.32 22.97 9.57	5274 5.76
SR2	0 0.00 0.00 0.00	1268 1.39 81.25 53.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	293 0.32 18.75 2.31	1561 1.71
SR3	0 0.00 0.00 0.00	251 0.27 25.00 10.56	753 0.82 75.00 48.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1004 1.10
SR4	0 0.00 0.00 0.00	331 0.36 5.90 13.91	0 0.00 0.00 0.00	5277 5.77 94.10 98.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5608 6.13
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	795 0.87 2.78 51.35	0 0.00 0.00 0.00	27771 30.35 97.22 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28566 31.22
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8264 9.03 98.19 97.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	152 0.17 1.81 1.20	8416 9.20
SR7	0 0.00 0.00 0.00	527 0.58 1.67 22.18	0 0.00 0.00 0.00	66 0.07 0.21 1.23	0 0.00 0.00 0.00	198 0.22 0.63 2.34	29275 31.99 92.89 100.00	1450 1.58 4.60 11.45	31516 34.44	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9558 10.45 100.00 75.47	9558 10.45	
TOTAL	4063 4.44	2377 2.60	1548 1.69	5343 5.84	27771 30.35	8462 9.25	29275 31.99	12664 13.84	91503 100.00	



APPENDIX TABLE J-27  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSEBACK RIDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	194 0.13 10.68 12.13	194 0.13 10.68 0.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1428 0.99 78.64 10.11	1816 1.26
SR2	1405 0.98 5.46 87.87	22835 15.89 88.80 96.41	1245 0.87 4.84 18.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	232 0.16 0.90 1.64	25717 17.89
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5358 3.73 100.00 78.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5358 3.73
SR4	0 0.00 0.00 0.00	123 0.09 0.54 0.52	0 0.00 0.00 0.00	20855 44.51 92.39 100.00	0 0.00 0.00 0.00	540 0.38 2.39 2.69	0 0.00 0.00 0.00	1055 0.73 4.67 7.47	22572 15.70
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24564 17.09 98.79 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	301 0.21 4.21 2.13	24865 17.30
SR6	0 0.00 0.00 0.00	191 0.13 0.95 0.81	191 0.13 0.95 2.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19475 13.55 56.80 97.00	0 0.00 0.00 0.00	263 0.18 1.31 1.86	20120 14.00
SR7	0 0.00 0.00 0.00	343 0.24 0.98 1.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	63 0.04 0.18 0.32	32054 22.30 91.62 100.00	2527 1.76 7.22 17.89	34987 24.34
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8323 5.79 100.00 58.91	8323 5.79
TOTAL	1598 1.11	23686 16.48	6794 4.73	20855 14.51	24564 17.09	20078 13.97	32054 22.30	14128 9.83	143758 100.00

APPENDIX TABLE J-28  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ARCHERY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	3535 19.56 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3535 19.56
SR2	0 0.00 0.00 0.00	6058 33.53 95.83 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	264 1.46 4.17 27.38	6322 34.99
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	344 1.90 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	344 1.90
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2212 12.24 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2212 12.24
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	528 2.92 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	528 2.92
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4427 24.50 93.51 100.00	307 1.70 6.49 31.85	4734 26.20	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	393 2.18 100.00 40.77	393 2.18	
TOTAL	3535 19.56	6058 33.53	0 0.00	344 1.90	2212 12.24	528 2.92	4427 24.50	564 5.34	18068 100.00	

APPENDIX TABLE J-29  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	2195 2.90 95.10 92.35	113 0.15 4.90 0.71	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2308 3.05
SR2	182 0.24 1.36 7.65	12226 16.15 91.70 76.44	0 0.00 0.00 0.00	371 0.49 2.79 2.18	277 0.37 2.07 2.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	277 0.37 2.07 18.46	13333 17.60
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	588 0.78 88.57 21.55	76 0.10 11.43 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	664 0.88
SR4	0 0.00 0.00 0.00	1539 2.03 7.02 9.62	714 0.94 3.25 26.15	16597 21.92 75.65 97.38	1662 2.15 7.57 14.30	0 0.00 0.00 0.00	1427 1.88 6.51 6.75	0 0.00 0.00 0.00	21939 28.96
SR5	0 0.00 0.00 0.00	547 0.72 6.32 3.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8112 10.71 93.68 69.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8660 11.43
SR6	0 0.00 0.00 0.00	71 0.09 1.94 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	209 0.28 5.67 1.79	3259 4.30 88.65 97.89	137 0.18 3.73 0.65	0 0.00 0.00 0.00	3676 4.85
SR7	0 0.00 0.00 0.00	1498 1.98 6.22 9.36	1427 1.89 5.93 52.30	0 0.00 0.00 0.00	1363 1.80 5.66 11.73	70 0.09 0.29 2.11	19593 25.87 81.35 92.61	135 0.18 0.56 8.98	24086 31.80
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1087 1.44 100.00 72.55	1087 1.43
TOTAL	2377 3.14	15995 21.11	2729 3.60	17044 22.50	11622 15.34	3329 4.39	21157 27.93	1498 1.98	75753 100.00

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APPENDIX TABLE J-30  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SOCCER  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
SR2	0 0.00 0.00 0.00	1789 7.80 62.48 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1074 4.69 37.52 100.00	2863 12.49
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1328 5.79 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1328 5.79
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16235 70.83 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16235 70.83
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2494 10.88 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2494 10.88
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
TOTAL	0 0.00	1789 7.80	0 0.00	0 0.00	1328 5.79	16235 70.83	2494 10.88	1074 4.69	100.00	22920

APPENDIX TABLE J-31  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSESHOES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1980

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	433 1.39 41.78 100.00	604 1.94 58.22 38.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1037 3.33
SR2	0 0.00 0.00 0.00	877 2.82 71.47 56.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	350 1.12 28.53 2.53	0 0.00 0.00 0.00	1226 3.94
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2088 6.71 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2088 6.71
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3280 10.54 100.00 93.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3280 10.55
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	244 0.79 7.14 6.93	3177 10.21 92.86 95.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3421 11.00
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3990 12.82 98.43 90.60	0 0.00 0.00 0.00	63 0.20 1.57 3.27	4053 13.03
SR7	0 0.00 0.00 0.00	68 0.22 0.47 4.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	139 0.45 0.97 4.19	414 1.33 2.88 9.40	13169 42.33 91.82 95.09	553 1.78 3.85 28.47	14342 46.11
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	330 1.06 19.96 2.39	1325 4.26 80.04 68.26	1656 5.32
TOTAL	433 1.39	1548 4.98	2088 6.71	3524 11.33	3316 10.66	4403 14.16	13849 44.53	1941 6.24	31103 100.00



APPENDIX K  
DISTRIBUTION OF TOTAL NUMBER OF DAYS  
OF PARTICIPATION BY POPULATION, 1985





APPENDIX TABLE K-1  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	32419 5.77 87.23 63.93	4068 0.72 10.95 2.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	678 0.12 1.82 1.14	37165 6.61
SR2	7785 1.38 4.78 15.35	139165 24.75 85.47 89.40	1409 0.25 0.87 5.23	0 0.00 0.00 0.00	1112 0.20 0.68 1.63	445 0.08 0.27 0.95	9787 1.74 6.01 7.08	3114 0.55 1.91 5.25	162816 28.96
SR3	754 0.13 3.25 1.49	1257 0.22 5.41 0.81	17644 3.14 75.97 65.48	352 0.06 1.52 2.19	754 0.13 3.25 1.11	50 0.01 0.22 0.11	1558 0.28 6.71 1.13	855 0.15 3.68 1.44	23224 4.13
SR4	596 0.11 2.24 1.18	1324 0.24 4.99 0.85	3841 0.68 14.46 14.25	15430 2.74 58.10 96.05	1258 0.22 4.74 1.84	1391 0.25 5.24 2.96	1324 0.24 4.99 0.96	1391 0.25 5.24 2.34	26555 4.72
SR5	3016 0.54 3.21 5.95	4641 0.83 4.94 2.98	2378 0.42 2.53 8.83	0 0.00 0.00 0.00	63287 11.26 67.39 92.76	5337 0.95 5.68 11.37	11196 1.99 11.92 8.09	4061 0.72 4.32 6.85	93916 16.71
SR6	483 0.09 1.04 0.95	2255 0.40 4.84 1.45	564 0.10 1.21 2.09	282 0.05 0.60 1.75	1570 0.28 3.37 2.30	36117 6.42 77.46 76.95	2255 0.40 4.84 1.63	3100 0.55 6.65 5.23	46626 8.29
SR7	4333 0.77 3.40 8.54	2462 0.44 1.93 1.58	197 0.04 0.15 0.73	0 0.00 0.00 0.00	246 0.04 0.19 0.36	3594 0.64 2.82 7.66	112159 19.95 87.99 81.08	4480 0.80 3.51 7.55	127471 22.67
SR8	1325 0.24 2.98 2.61	503 0.09 1.13 0.32	914 0.16 2.06 3.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	46 0.01 0.10 0.03	41628 7.40 93.72 70.19	44415 7.90
TOTAL	50712 9.02	155674 27.69	26946 4.79	16063 2.86	68228 12.14	46934 8.35	138324 24.60	59306 10.55	562188 100.00

APPENDIX TABLE K-2  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN WATERFOWL HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	19482 2.78 82.26 82.08	3838 0.55 16.21 2.00	145 0.02 0.61 0.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	217 0.03 0.92 0.25	0 0.00 0.00 0.00	23683 3.37
SR2	1141 0.16 0.65 4.81	158944 22.65 91.17 82.82	5491 0.78 3.15 3.84	143 0.02 0.08 0.25	71 0.01 0.04 0.11	1569 0.22 0.90 1.30	6703 0.96 3.84 7.65	285 0.04 0.16 2.16	174346 24.84
SR3	0 0.00 0.00 0.00	1773 0.25 2.14 0.92	78435 11.18 94.57 54.91	555 0.14 1.15 1.69	1296 0.18 1.56 1.97	409 0.06 0.49 0.34	0 0.00 0.00 0.00	68 0.01 0.08 0.52	82940 11.82
SR4	0 0.00 0.00 0.00	4294 0.61 4.41 2.24	28295 4.03 29.04 19.81	52626 7.50 54.01 93.10	4954 0.71 5.08 7.52	5505 0.78 5.65 4.58	1541 0.22 1.58 1.76	220 0.03 0.23 1.67	97436 13.88
SR5	1227 0.17 1.07 5.17	5051 0.72 4.40 2.63	17030 2.43 14.84 11.92	1876 0.27 1.64 3.32	58522 8.34 51.01 88.86	26411 3.76 23.02 21.96	3464 0.49 3.02 3.95	1155 0.16 1.01 8.76	114735 16.35
SR6	0 0.00 0.00 0.00	5178 0.74 5.49 2.70	4627 0.66 4.91 3.24	551 0.08 0.58 0.97	826 0.12 0.88 1.25	77068 10.98 81.72 64.08	4517 0.64 4.79 5.16	1542 0.22 1.64 11.70	94311 13.44
SR7	1187 0.17 1.19 5.00	10557 1.50 10.60 5.50	7808 1.11 7.84 5.47	375 0.05 0.38 0.66	0 0.00 0.00 0.00	8808 1.26 8.85 7.32	70837 10.09 71.14 80.87	0 0.00 0.00 0.00	99571 14.18
SR8	699 0.10 4.68 2.94	2287 0.33 15.32 1.19	1016 0.14 6.81 0.71	0 0.00 0.00 0.00	191 0.03 1.28 0.29	508 0.07 3.40 0.42	318 0.05 2.13 0.36	9909 1.41 66.38 75.18	14928 2.13
TOTAL	23735 3.38	191923 27.34	142851 20.35	56526 8.05	65861 9.38	120278 17.13	87597 12.48	13180 1.88	701950 100.00

APPENDIX TABLE K-3  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	10457 3.76 88.24 43.50	672 0.24 5.67 1.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	548 0.20 4.62 1.59	0 0.00 0.00 0.00	174 0.06 1.47 0.47	11851 4.26
SR2	3292 1.18 5.48 13.70	48639 17.47 80.89 81.64	484 0.17 0.81 2.61	484 0.17 0.81 2.24	0 0.00 0.00 0.00	2647 0.95 4.40 7.66	3453 1.24 5.74 7.31	1130 0.41 1.88 3.07	60129 21.60
SR3	177 0.06 1.03 0.74	2451 0.88 14.33 4.11	13748 4.94 80.35 74.03	126 0.05 0.74 0.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	177 0.06 1.03 0.37	430 0.15 2.51 1.17	17110 6.15
SR4	2665 0.96 7.10 11.09	2092 0.75 5.58 3.51	1687 0.61 4.50 9.08	21020 7.55 56.03 97.18	2193 0.79 5.85 6.10	3003 1.08 8.00 8.69	1518 0.55 4.05 3.21	3340 1.20 8.90 9.08	37518 13.48
SR5	1905 0.68 3.70 7.93	1455 0.52 2.83 2.44	1244 0.45 2.42 6.70	0 0.00 0.00 0.00	32126 11.54 62.38 89.39	2884 1.04 5.60 8.35	3996 1.43 7.76 8.46	7886 2.83 15.31 21.44	51498 18.50
SR6	463 0.17 1.47 1.93	526 0.19 1.67 0.88	210 0.08 0.67 1.13	0 0.00 0.00 0.00	1620 0.58 5.14 4.51	24130 8.67 76.52 69.84	1662 0.60 5.27 3.52	2924 1.05 9.27 7.95	31535 11.33
SR7	4872 1.75 9.20 20.27	3533 1.27 6.67 5.93	1197 0.43 2.26 6.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1339 0.48 2.53 3.88	36156 12.98 68.26 76.51	5869 2.11 11.08 15.96	52967 19.03
SR8	207 0.07 1.31 0.86	207 0.07 1.31 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	295 0.11 1.88 0.62	15028 5.40 95.50 40.86	15736 5.65
TOTAL	24038 8.64	59576 21.40	18570 6.67	21630 7.77	35939 12.91	34551 12.41	47258 16.98	36781 13.21	278344 100.00

APPENDIX TABLE K-4  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN NONGAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	24637 7.09 90.01 86.24	1132 0.33 4.14 2.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.46 5.85 3.27	1601 7.87	27370
SR2	1480 0.43 2.67 5.18	52857 15.20 95.41 94.42	64 0.02 0.12 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	257 0.07 0.46 0.73	257 0.07 0.46 0.34	483 0.14 0.87 0.99	55398
SR3	803 0.23 2.41 2.81	663 0.19 1.99 1.18	30760 8.85 92.15 87.22	663 0.19 1.99 1.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	209 0.06 0.63 0.60	279 0.08 0.84 0.37	0 0.00 0.00 0.00	33379
SR4	0 0.00 0.00 0.00	206 0.06 0.52 0.37	2787 0.80 7.04 7.90	34166 9.83 86.31 98.10	2219 0.64 5.61 6.60	206 0.06 0.52 0.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39586
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	776 0.22 2.11 2.20	0 0.00 0.00 0.00	31352 9.02 85.16 93.21	776 0.22 2.11 2.21	2173 0.62 5.90 2.88	1738 0.50 4.72 3.55	36815	
SR6	578 0.17 1.58 2.02	330 0.09 0.90 0.59	275 0.08 0.75 0.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33475 9.63 91.78 95.16	1650 0.47 4.52 2.19	165 0.05 0.45 0.34	36473	
SR7	540 0.16 0.73 1.89	794 0.23 1.07 1.42	603 0.17 0.82 1.71	0 0.00 0.00 0.00	64 0.02 0.09 0.19	254 0.07 0.34 0.72	70909 20.40 95.88 94.10	794 0.23 1.07 1.62	73957	
SR8	530 0.15 1.18 1.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	88 0.03 0.20 0.12	44141 12.70 98.62 90.23	44755	
TOTAL	28567 8.22	55983 16.10	35266 10.14	34830 10.02	33635 9.67	35178 10.12	75357 21.67	48921 14.07	347737 100.00	

APPENDIX TABLE K-5  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	23157 6.90 92.63 98.40	1842 0.55 7.37 2.01	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24999 7.45
SR2	256 0.08 0.25 1.09	82166 24.49 81.28 89.67	6648 1.98 6.58 12.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11933 3.56 11.80 14.45	85 0.03 0.08 0.78	101088 30.13
SR3	0 0.00 0.00 0.00	2627 0.78 6.28 2.87	38162 11.37 91.26 70.10	320 0.10 0.77 2.70	0 0.00 0.00 0.00	385 0.11 0.92 1.07	0 0.00 0.00 0.00	320 0.10 0.77 2.54	41815 12.46
SR4	0 0.00 0.00 0.00	115 0.03 0.51 0.13	6447 1.92 28.72 11.84	11541 3.44 51.41 97.30	3799 1.13 16.92 15.52	547 0.16 2.44 1.52	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22449 6.69
SR5	120 0.04 0.51 0.51	0 0.00 0.00 0.00	928 0.28 3.98 1.70	0 0.00 0.00 0.00	20200 6.02 86.76 82.55	1915 0.57 8.23 5.31	120 0.04 0.51 0.14	0 0.00 0.00 0.00	23282 6.94
SR6	0 0.00 0.00 0.00	620 0.18 1.66 0.68	354 0.11 0.95 0.65	0 0.00 0.00 0.00	472 0.14 1.26 1.93	31743 9.46 84.93 87.96	2626 0.78 7.02 3.18	1564 0.47 4.18 14.35	37378 11.14
SR7	0 0.00 0.00 0.00	4150 1.24 5.54 4.53	1897 0.57 2.53 3.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1156 0.34 1.54 3.20	67757 20.20 90.39 82.02	0 0.00 0.00 0.00	74960 22.34
SR8	0 0.00 0.00 0.00	115 0.03 1.20 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	344 0.10 3.60 0.95	172 0.05 1.80 0.21	8927 2.66 93.39 81.93	9559 2.85
TOTAL	23533 7.01	91634 27.31	54436 16.22	11862 3.54	24471 7.29	36090 10.76	82608 24.62	10897 3.25	335530 100.00

APPENDIX TABLE K-6  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CROSS-COUNTRY SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	4957 2.12 93.80 100.00	61 0.03 1.16 0.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	266 0.11 5.04 0.56	0 0.00 0.00 0.00	5285 2.27
SR2	0 0.00 0.00 0.00	22905 9.82 100.00 88.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22905 9.82
SR3	0 0.00 0.00 0.00	405 0.17 2.95 1.57	13337 5.72 97.05 96.88	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13742 5.89
SR4	0 0.00 0.00 0.00	754 0.32 1.95 2.92	195 0.08 0.50 1.42	36121 15.48 93.23 97.10	1033 0.44 2.67 1.67	0 0.00 0.00 0.00	84 0.04 0.22 0.18	558 0.24 1.44 2.48	38745 16.61
SR5	0 0.00 0.00 0.00	703 0.30 1.12 2.73	234 0.10 0.37 1.70	234 0.10 0.37 0.63	60545 25.95 96.74 97.88	0 0.00 0.00 0.00	867 0.37 1.38 1.81	0 0.00 0.00 0.00	62583 26.82
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	284 0.12 1.43 0.76	117 0.05 0.59 0.19	15470 8.34 97.98 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19871 8.52
SR7	0 0.00 0.00 0.00	866 0.37 1.79 3.36	0 0.00 0.00 0.00	561 0.24 1.16 1.51	164 0.07 0.34 0.26	0 0.00 0.00 0.00	46554 19.95 96.37 97.45	164 0.07 0.34 0.73	48308 20.71
SR8	0 0.00 0.00 0.00	88 0.04 0.40 0.34	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21785 9.34 95.60 96.79	21873 9.37
TOTAL	4957 2.12	25781 11.05	13767 5.90	37201 15.94	61859 26.51	15470 8.35	47770 20.47	22507 9.65	233312 100.00

APPENDIX TABLE K-7  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN DOWNHILL SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	430 0.39 11.29 88.23	3379 3.08 88.71 5.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3809 3.47
SR2	0 0.00 0.00 0.00	42983 39.18 160.00 71.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	42983 39.17
SR3	0 0.00 0.00 0.00	5005 4.56 24.02 8.30	14049 12.81 67.43 94.03	1781 1.62 8.55 9.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20835 18.99
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	590 0.54 3.32 3.95	16097 14.67 90.46 67.90	935 0.85 5.25 15.87	0 0.00 0.00 0.00	172 0.16 0.97 9.79	0 0.00 0.00 0.00	17794 16.21
SR5	0 0.00 0.00 0.00	66 0.06 1.56 0.11	66 0.06 1.56 0.44	198 0.18 4.68 1.08	3647 3.32 85.97 61.95	0 0.00 0.00 0.00	198 0.18 4.68 11.28	66 0.06 1.56 4.13	4242 3.87
SR6	57 0.05 0.62 11.77	1524 1.39 16.56 2.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1188 1.08 12.91 20.18	6431 5.86 69.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9200 8.38
SR7	0 0.00 0.00 0.00	7365 6.71 78.83 12.21	236 0.21 2.52 1.58	236 0.21 2.52 1.29	118 0.11 1.26 2.00	0 0.00 0.00 0.00	1389 1.27 14.86 78.94	0 0.00 0.00 0.00	9342 8.51
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1536 1.40 100.00 95.87	1536 1.40
TOTAL	487 0.44	60321 54.97	14941 13.61	18312 16.69	5888 5.36	6431 5.86	1759 1.60	1602 1.46	109742 100.00

APPENDIX TABLE K-8  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SNOWMOBILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	82975 6.50 95.50 96.77	3571 0.28 4.11 1.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	340 0.03 0.39 0.31	86886 6.80
SR2	1106 0.09 0.36 1.29	299276 23.44 97.08 95.70	2843 0.22 0.92 1.53	3001 0.24 0.97 2.05	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2053 0.16 0.67 1.13	0 0.00 0.00 0.00	308278 24.14
SR3	0 0.00 0.00 0.00	1137 0.09 0.64 0.36	171742 13.45 97.28 92.22	3159 0.25 1.79 2.16	0 0.00 0.00 0.00	126 0.01 0.07 0.14	0 0.00 0.00 0.00	379 0.03 0.21 0.34	176544 13.83
SR4	0 0.00 0.00 0.00	2988 0.23 1.97 0.96	7549 0.59 4.98 4.05	138238 10.83 91.28 54.46	1887 0.15 1.25 1.16	629 0.05 0.42 0.68	157 0.01 0.10 0.09	0 0.00 0.00 0.00	151448 11.86
SR5	0 0.00 0.00 0.00	1461 0.11 0.87 0.47	365 0.03 0.22 0.20	1947 0.15 1.16 1.33	157977 12.37 94.40 97.06	4990 0.39 2.98 5.43	487 0.04 0.29 0.27	122 0.01 0.07 0.11	167349 13.11
SR6	831 0.07 0.97 0.97	1847 0.14 2.16 0.59	647 0.05 0.76 0.35	0 0.00 0.00 0.00	2586 0.20 3.02 1.59	78139 6.12 91.36 84.98	1385 0.11 1.62 0.77	92 0.01 0.11 0.08	85528 6.70
SR7	530 0.04 0.28 0.62	2440 0.19 1.27 0.78	3076 0.24 1.60 1.65	0 0.00 0.00 0.00	318 0.02 0.17 0.20	8062 0.63 4.19 8.77	176736 13.84 91.94 97.69	1061 0.08 0.55 0.96	192224 15.05
SR8	306 0.02 0.28 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	102 0.01 0.09 0.06	108170 8.47 99.62 98.19	108578 8.50
TOTAL	85748 6.72	312720 24.49	186221 14.58	146345 11.46	162769 12.75	91947 7.20	180920 14.17	110164 8.63	1276835 100.00



APPENDIX TABLE K-9  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SLEDDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	58222 8.70 99.07 96.60	470 0.07 0.80 0.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	78 0.01 0.13 0.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	58770 8.78
SR2	0 0.00 0.00 0.00	105560 15.77 98.64 99.01	0 0.00 0.00 0.00	306 0.05 0.29 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1148 0.17 1.07 0.80	0 0.00 0.00 0.00	107014 15.99
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50143 7.49 98.90 98.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	556 0.08 1.10 1.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50700 7.57
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	753 0.11 0.72 1.47	102720 15.35 98.63 99.59	677 0.10 0.65 0.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	104150 15.56
SR5	1755 0.26 1.66 2.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	102389 15.30 96.76 98.88	305 0.05 0.29 0.61	1373 0.21 1.30 0.96	0 0.00 0.00 0.00	105822 15.81
SR6	178 0.03 0.35 0.29	222 0.03 0.44 0.21	222 0.03 0.44 0.43	0 0.00 0.00 0.00	400 0.06 0.79 0.39	49119 7.34 96.76 98.28	622 0.09 1.22 0.43	0 0.00 0.00 0.00	50762 7.58
SR7	0 0.00 0.00 0.00	364 0.05 0.26 0.34	0 0.00 0.00 0.00	121 0.02 0.09 0.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	140232 20.95 99.44 97.81	303 0.05 0.21 0.59	141020 21.07
SR8	116 0.02 0.23 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51053 7.63 99.77 99.41	51169 7.64
TOTAL	60270 9.00	106615 15.93	51118 7.64	103148 15.41	103544 15.47	49981 7.47	143375 21.42	51356 7.67	669407 100.00

APPENDIX TABLE K-10  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE SKATING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	54334 7.19 99.84 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	87 0.01 0.16 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	54421 7.21
SR2	0 0.00 0.00 0.00	116969 15.49 99.34 99.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	772 0.10 0.66 0.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	117741 15.59
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	73698 9.76 99.29 100.00	0 0.00 0.00 0.00	528 0.07 0.71 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	74226 9.83
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	174594 23.12 99.60 99.68	311 0.04 0.18 0.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	389 0.05 0.22 0.88	175294 23.21
SR5	0 0.00 0.00 0.00	147 0.02 0.11 0.13	0 0.00 0.00 0.00	295 0.04 0.22 0.17	131981 17.48 99.33 98.44	295 0.04 0.22 0.52	147 0.02 0.11 0.15	0 0.00 0.00 0.00	132866 17.59
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56871 7.53 99.89 99.48	62 0.01 0.11 0.06	0 0.00 0.00 0.00	56933 7.54
SR7	0 0.00 0.00 0.00	331 0.04 0.33 0.28	0 0.00 0.00 0.00	265 0.04 0.26 0.15	398 0.05 0.40 0.30	0 0.00 0.00 0.00	98917 13.10 98.74 99.79	265 0.04 0.26 0.60	100176 13.26
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	43573 5.77 100.00 98.52	43573 5.77
TOTAL	54334 7.19	117447 15.55	73698 9.76	175154 23.19	134077 17.75	57166 7.57	99126 13.13	44227 5.86	755229 100.00

APPENDIX TABLE K-11  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HOCKEY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	1294 0.49 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1294 0.49
SR2	0 0.00 0.00 0.00	17780 6.78 85.71 96.51	0 0.00 0.00 0.00	2137 0.81 10.30 1.73	826 0.31 3.98 1.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20743 7.91
SR3	0 0.00 0.00 0.00	232 0.09 1.04 1.26	20643 7.87 92.60 95.14	1116 0.43 5.01 0.91	232 0.09 1.04 0.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	70 0.03 0.31 3.08	22294 8.50
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	233 0.09 0.20 1.07	115086 43.87 98.35 93.36	1694 0.65 1.45 4.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	117013 44.61
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3551 1.35 8.13 2.88	38750 14.77 88.73 93.37	402 0.15 0.92 1.17	568 0.22 1.30 2.93	402 0.15 0.92 17.78	43674 16.65
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	386 0.15 1.11 0.31	0 0.00 0.00 0.00	34101 13.00 97.79 98.83	386 0.15 1.11 1.99	0 0.00 0.00 0.00	34874 13.29
SR7	0 0.00 0.00 0.00	411 0.16 1.99 2.23	822 0.31 3.98 3.79	991 0.38 4.80 0.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18413 7.02 89.23 95.07	0 0.00 0.00 0.00	20636 7.87
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1791 0.68 100.00 79.14	1791 0.68
TOTAL	1294 0.49	18423 7.02	21697 8.27	123267 46.99	41503 15.82	34504 13.15	19367 7.38	2263 0.86	262316 100.00

APPENDIX TABLE K-12  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	67401 5.40 78.13 79.43	11148 0.89 12.92 4.91	172 0.01 0.20 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7546 0.60 8.75 9.92	86266 6.91
SR2	4814 0.39 1.48 5.67	193569 15.52 59.69 85.31	13877 1.11 4.28 10.48	991 0.08 0.31 1.59	4106 0.33 1.27 4.93	3115 0.25 0.96 2.14	103369 8.29 31.88 23.71	425 0.03 0.13 0.56	324267 25.99
SR3	866 0.07 1.17 1.02	2720 0.22 3.67 1.20	67386 5.40 90.98 50.89	742 0.06 1.00 1.19	0 0.00 0.00 0.00	866 0.07 1.17 0.59	0 0.00 0.00 0.00	1484 0.12 2.00 1.95	74062 5.94
SR4	186 0.01 0.16 0.22	931 0.07 0.82 0.41	29043 2.33 25.45 21.93	57342 4.60 50.24 92.20	13591 1.09 11.91 16.33	10053 0.81 8.81 6.89	2234 0.18 1.96 0.51	745 0.06 0.65 0.98	114125 9.15
SR5	1744 0.14 1.77 2.05	2682 0.22 2.72 1.18	7913 0.63 8.02 5.98	671 0.05 0.68 1.08	60084 4.82 60.87 72.20	14887 1.19 15.08 10.21	8583 0.69 8.70 1.97	2146 0.17 2.17 2.82	98709 7.91
SR6	1128 0.09 0.83 1.33	3855 0.31 2.82 1.70	7429 0.60 5.44 5.61	752 0.06 0.55 1.21	2257 0.18 1.65 2.71	113029 9.06 82.78 77.50	6112 0.49 4.48 1.40	1975 0.16 1.45 2.60	136537 10.94
SR7	636 0.05 0.19 0.75	9110 0.73 2.75 4.01	6356 0.51 1.92 4.80	1695 0.14 0.51 2.73	3178 0.25 0.96 3.82	3284 0.26 0.99 2.25	305385 24.48 92.11 70.03	1907 0.15 0.58 2.51	331549 26.58
SR8	8085 0.65 9.85 9.53	2896 0.23 3.53 1.28	241 0.02 0.29 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	603 0.05 0.74 0.41	10377 0.83 12.65 2.38	59850 4.80 72.94 78.67	82052 6.58
TOTAL	84859 6.80	226911 18.19	132416 10.61	62192 4.99	83216 6.67	145837 11.69	436061 34.95	76077 6.10	1247568 100.00

APPENDIX TABLE K-13  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN POWERBOATING/WATERSKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	19637 2.52 93.75 62.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1309 0.17 6.25 4.50	20946 2.68
SR2	6459 0.83 2.31 20.60	193167 24.75 68.98 89.00	3484 0.45 1.24 2.99	0 0.00 0.00 0.00	3059 0.39 1.09 10.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	73426 9.41 26.22 32.86	425 0.05 0.15 1.46	280020 35.88
SR3	0 0.00 0.00 0.00	5096 0.65 4.79 2.35	96897 12.41 91.07 83.23	3011 0.39 2.83 3.87	618 0.08 0.58 2.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	772 0.10 0.73 0.35	0 0.00 0.00 0.00	106394 13.63
SR4	0 0.00 0.00 0.00	14652 1.88 12.12 6.75	13728 1.76 11.35 11.79	74714 9.57 61.79 96.05	12804 1.64 10.59 43.19	4884 0.63 4.04 8.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	132 0.02 0.11 0.45	120916 15.49
SR5	0 0.00 0.00 0.00	538 0.07 2.26 0.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11633 1.49 48.87 39.24	9615 1.23 40.40 17.29	1748 0.22 7.34 0.78	269 0.03 1.13 0.92	23803 3.05	
SR6	0 0.00 0.00 0.00	1760 0.23 3.84 0.81	1817 0.23 3.96 1.56	0 0.00 0.00 0.00	1533 0.20 3.34 5.17	37698 4.83 82.18 67.79	3066 0.39 6.68 1.37	0 0.00 0.00 0.00	45873 5.88	
SR7	734 0.09 0.50 2.34	1651 0.21 1.12 0.76	489 0.06 0.33 0.42	61 0.01 0.04 0.08	0 0.00 0.00 0.00	3240 0.42 2.21 5.83	140620 18.02 95.79 62.93	0 0.00 0.00 0.00	146795 18.81	
SR8	4522 0.58 12.68 14.42	172 0.02 0.48 0.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	172 0.02 0.48 1.72	3835 0.49 10.75 92.66	26961 3.45 75.60 92.66	35662 4.57
TOTAL	31351 4.02	217036 27.81	116416 14.92	77787 9.97	29647 3.80	55609 7.13	223467 28.63	29096 3.73	780410 100.00	

APPENDIX TABLE K-14  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BEACH SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	23605 3.56 91.67 88.89	402 0.06 1.56 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1744 0.26 6.77 9.77	25751 3.88
SR2	744 0.11 0.41 2.80	106266 16.01 58.62 80.20	2861 0.43 1.58 3.84	343 0.05 0.19 0.32	3777 0.57 2.08 8.86	0 0.00 0.00 0.00	66438 10.01 36.65 32.01	858 0.13 0.47 4.81	181288 27.32
SR3	0 0.00 0.00 0.00	3654 0.55 5.26 2.76	61148 9.21 88.00 82.12	4067 0.61 5.85 3.77	0 0.00 0.00 0.00	620 0.09 0.89 1.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	69489 10.47
SR4	0 0.00 0.00 0.00	15964 2.41 11.10 12.05	9977 1.50 6.94 13.40	103366 15.57 71.88 95.91	10510 1.58 7.31 24.65	3858 0.58 2.68 7.11	133 0.02 0.09 0.06	0 0.00 0.00 0.00	143808 21.67
SR5	0 0.00 0.00 0.00	1617 0.24 4.93 1.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25441 3.83 77.61 59.68	2364 0.36 7.21 4.36	2986 0.45 9.11 1.44	373 0.06 1.14 2.09	32781 4.94
SR6	0 0.00 0.00 0.00	599 0.09 1.13 0.45	414 0.06 0.78 0.56	0 0.00 0.00 0.00	2901 0.44 5.49 6.80	43739 6.59 82.75 80.63	5203 0.78 9.84 2.51	0 0.00 0.00 0.00	52855 7.97
SR7	546 0.08 0.39 2.06	4003 0.60 2.87 3.02	61 0.01 0.04 0.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3093 0.47 2.22 5.70	131008 19.74 94.08 63.13	546 0.08 0.39 3.06	139256 20.99
SR8	1661 0.25 9.07 6.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	569 0.09 3.11 1.05	1756 0.26 9.59 0.85	14329 2.16 78.24 80.27	18315 2.76
TOTAL	26556 4.00	132505 19.97	74461 11.22	107777 16.24	42628 6.42	54244 8.17	207523 31.27	17850 2.69	663543 100.00

APPENDIX TABLE K-15  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	53208 4.22 100.00 92.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	53208 4.22
SR2	3031 0.24 1.91 5.28	151529 12.03 95.36 59.79	1054 0.08 0.66 0.61	132 0.01 0.08 0.08	395 0.03 0.25 0.16	0 0.00 0.00 0.00	1186 0.09 0.75 0.55	1581 0.13 1.00 1.80		158908 12.61
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	171382 13.60 94.78 98.99	675 0.05 0.37 0.39	337 0.03 0.19 0.14	6747 0.54 3.73 4.27	0 0.00 0.00 0.00	1687 0.13 0.93 1.92		180829 14.35
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	308 0.02 0.18 0.18	166833 13.24 99.00 97.60	462 0.04 0.27 0.19	523 0.07 0.55 0.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00		168526 13.37
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3304 0.26 1.30 1.93	241095 19.13 94.57 98.75	3813 0.30 1.50 2.41	763 0.06 0.30 0.35	5973 0.47 2.34 6.81		254948 20.23
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	388 0.03 0.26 0.22	0 0.00 0.00 0.00	679 0.05 0.48 0.28	145976 11.58 96.29 92.33	775 0.06 0.51 0.36	3780 0.30 2.49 4.31		151598 12.03
SR7	425 0.03 0.20 0.74	319 0.03 0.15 0.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1169 0.09 0.54 0.48	637 0.05 0.30 0.40	212253 16.84 98.28 97.82	1169 0.09 0.54 1.33		215971 17.14
SR8	704 0.06 0.92 1.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1995 0.16 2.62 0.92	73481 5.83 96.46 83.81		76181 6.05
TOTAL	57368 4.55	151848 12.05	173132 13.74	170944 13.57	244136 19.37	158097 12.55	216972 17.22	87671 6.96		1260169 100.00

APPENDIX TABLE K-16  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN PICNICKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	38175 5.27 94.02 97.52	1842 0.25 4.54 1.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	502 0.07 1.24 0.28	84 0.01 0.21 0.15	40603 5.61
SR2	158 0.02 0.14 0.40	85256 11.78 76.00 84.71	3552 0.49 3.17 6.03	789 0.11 0.70 0.67	2921 0.40 2.60 3.44	395 0.05 0.35 0.44	17446 2.41 15.55 9.74	1658 0.23 1.48 3.06		112175 15.50
SR3	0 0.00 0.00 0.00	1112 0.15 2.24 1.10	43165 5.96 86.97 73.21	2572 0.36 5.18 2.20	70 0.01 0.14 0.08	1390 0.19 2.80 1.55	417 0.06 0.84 0.23	904 0.12 1.82 1.67		49629 6.86
SR4	0 0.00 0.00 0.00	243 0.03 0.18 0.24	10077 1.39 7.38 17.09	111213 15.37 81.49 95.07	8013 1.11 5.87 9.43	5221 0.72 3.83 5.81	1214 0.17 0.89 0.68	486 0.07 0.36 0.90		136467 18.86
SR5	146 0.02 0.18 0.37	1092 0.15 1.32 1.09	0 0.00 0.00 0.00	655 0.09 0.79 0.56	69894 9.66 84.36 82.28	4660 0.64 5.62 5.19	2330 0.32 2.81 1.30	4077 0.56 4.92 7.53		82854 11.45
SR6	0 0.00 0.00 0.00	818 0.11 0.94 0.81	1737 0.24 2.00 2.95	1073 0.15 1.23 0.92	2708 0.37 3.11 3.19	75934 10.49 87.21 84.56	1482 0.20 1.70 0.83	3321 0.46 3.81 6.13		87074 12.03
SR7	245 0.03 0.15 0.62	10213 1.41 6.12 10.15	428 0.06 0.26 0.73	673 0.09 0.40 0.58	1345 0.19 0.81 1.58	1774 0.25 1.06 1.98	147752 20.41 88.50 82.50	4526 0.63 2.71 8.36		166555 23.07
SR8	422 0.06 0.88 1.08	70 0.01 0.15 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	422 0.06 16.57 4.44	7946 1.10 81.52 72.20	39098 5.40 81.52 72.20	47958 6.63
TOTAL	39145 5.41	100646 13.91	58960 8.15	116975 16.16	84952 11.74	89795 12.41	179089 24.75	54153 7.48		723715 100.00



APPENDIX TABLE K-17  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CAMPING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	32053 3.97 67.21 54.33	6605 0.82 13.85 5.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9033 1.12 18.94 8.79	47691 5.90
SR2	13458 1.67 6.24 22.81	91428 11.31 42.39 72.70	4486 0.56 2.08 7.00	359 0.04 0.17 0.62	1436 0.18 0.67 4.51	2333 0.29 1.08 3.02	94389 11.68 43.76 32.64	7806 0.97 3.62 7.60	215694 26.68
SR3	0 0.00 0.00 0.00	6591 0.82 11.03 5.24	41289 5.11 69.07 64.40	2273 0.28 3.80 3.90	0 0.00 0.00 0.00	6894 0.85 11.53 8.92	909 0.11 1.52 0.31	1818 0.22 3.04 1.77	59775 7.39
SR4	3258 0.40 4.02 5.52	5505 0.68 6.80 4.38	9775 1.21 12.07 15.25	43931 5.44 54.23 75.34	7303 0.90 9.02 22.92	4157 0.51 5.13 5.38	1573 0.19 1.94 0.54	5505 0.68 6.80 5.36	81008 10.02
SR5	560 0.07 0.88 0.95	2240 0.28 3.50 1.78	2400 0.30 3.75 3.74	6881 0.85 10.76 11.80	22324 2.76 34.92 70.06	16563 2.05 25.91 21.42	6801 0.84 10.64 2.35	6161 0.76 9.64 6.00	63931 7.91
SR6	659 0.08 1.04 1.12	1976 0.24 3.13 1.57	4432 0.55 7.02 6.91	1198 0.15 1.90 2.05	659 0.08 1.04 2.07	38985 4.82 61.76 50.42	8623 1.07 13.66 2.98	6587 0.82 10.44 6.41	63119 7.81
SR7	2231 0.28 1.05 3.78	8060 1.00 3.81 6.41	1727 0.21 0.82 2.69	3670 0.45 1.73 6.29	144 0.02 0.07 0.45	8060 1.00 3.81 10.42	170632 21.11 80.56 59.00	17272 2.14 8.15 16.81	211797 26.20
SR8	6775 0.84 10.37 11.48	3347 0.41 5.12 2.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	326 0.04 0.50 0.42	6285 0.78 9.62 2.17	48566 6.01 74.38 47.27	65299 8.02
TOTAL	58994 7.30	125753 15.56	64109 7.93	58312 7.21	31865 3.94	77319 9.57	289213 35.78	102749 12.71	808314 100.00

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APPENDIX TABLE K-18  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	10012 4.00 43.58 60.29	2086 0.83 9.08 7.29	195 0.08 0.85 1.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	195 0.08 0.85 1.50	1335 0.53 5.81 1.90	9150 3.66 39.83 11.72	22973 9.18
SR2	1534 0.61 3.29 9.23	13112 5.24 28.15 45.85	4541 1.81 9.75 26.35	1955 0.78 4.20 16.07	1022 0.41 2.19 7.24	812 0.32 1.74 6.24	11548 4.62 24.79 16.43	12059 4.82 25.89 15.44	46583 18.62
SR3	70 0.03 0.63 0.42	1922 0.77 17.15 6.72	4172 1.67 37.24 24.20	633 0.25 5.65 5.20	1195 0.48 10.67 8.46	234 0.09 2.09 1.80	1055 0.42 9.41 1.50	1922 0.77 17.15 2.46	11203 4.48
SR4	2171 0.87 7.62 13.07	1731 0.69 6.08 6.05	3335 1.33 11.71 19.35	7551 3.02 26.52 62.08	315 0.13 1.10 2.23	2265 0.91 7.96 17.41	5506 2.20 19.34 7.83	5601 2.24 19.67 7.17	28475 11.38
SR5	591 0.24 2.28 3.56	2290 0.92 8.85 8.01	1354 0.54 5.23 7.86	517 0.21 2.00 4.25	8791 3.51 33.97 62.24	1108 0.44 4.28 8.52	3792 1.52 14.65 5.40	7437 2.97 28.73 9.52	25881 10.35
SR6	558 0.22 2.23 3.36	1169 0.47 4.68 4.09	3329 1.33 13.32 19.31	252 0.10 1.01 2.07	1116 0.45 4.46 7.90	4750 1.90 19.01 36.51	5919 2.37 23.65 8.42	7899 3.16 31.61 10.11	24991 9.99
SR7	1593 0.64 2.24 9.59	4755 1.90 6.68 16.63	231 0.09 0.32 1.34	1177 0.47 1.65 9.68	1500 0.60 2.11 10.62	2931 1.17 4.12 22.53	38777 15.50 54.44 55.17	20266 8.10 28.45 25.95	71230 28.48
SR8	79 0.03 0.42 0.48	1533 0.61 8.16 5.36	79 0.03 0.42 0.46	79 0.03 0.42 0.65	185 0.07 0.98 1.31	714 0.29 3.80 5.48	2352 0.94 12.52 3.35	13769 5.50 73.28 17.63	18790 7.51
TOTAL	16608 6.64	28597 11.43	17236 6.89	12164 4.86	14124 5.65	13009 5.20	70285 28.10	78102 31.22	250126 100.00

APPENDIX TABLE K-19  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BICYCLING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	35778 1.51 100.00 97.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35778 1.51
SR2	959 0.04 0.29 2.61	329129 13.90 98.64 99.70	0 0.00 0.00 0.00	240 0.01 0.07 0.06	479 0.02 0.14 0.09	240 0.01 0.07 0.11	2637 0.11 0.79 0.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	333684 14.09
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	310412 13.11 99.55 99.39	1419 0.06 0.45 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	311831 13.17
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	384388 16.23 99.36 98.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2464 0.10 0.64 1.51	386852 16.34
SR5	0 0.00 0.00 0.00	242 0.01 0.04 0.07	1209 0.05 0.22 0.39	4353 0.18 0.77 1.11	531787 22.45 94.58 99.35	7013 0.30 1.25 3.23	0 0.00 0.00 0.00	17654 0.75 3.14 10.85	0 0.00 0.00 0.00	562258 23.74
SR6	0 0.00 0.00 0.00	174 0.01 0.08 0.05	696 0.03 0.33 0.22	174 0.01 0.08 0.04	2611 0.11 1.22 0.49	209435 8.84 97.96 96.48	174 0.01 0.08 0.05	522 0.02 0.24 0.32	0 0.00 0.00 0.00	213787 9.03
SR7	0 0.00 0.00 0.00	590 0.02 0.15 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	393 0.02 0.10 0.07	393 0.02 0.10 0.18	380432 16.06 99.54 99.27	393 0.02 0.10 0.24	0 0.00 0.00 0.00	382200 16.14
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	141730 5.98 100.00 87.08	0 0.00 0.00 0.00	141730 5.98
TOTAL	36737 1.55	330135 13.94	312318 13.19	390573 16.49	535271 22.60	217080 9.17	383243 16.18	162763 6.87	0 0.00	2368120 100.00

APPENDIX TABLE K-20  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BASEBALL/SOFTBALL  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	36696 4.65 93.76 98.33	168 0.02 0.43 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1094 0.14 2.80 0.56	0 0.00 0.00 0.00	252 0.03 0.65 0.16	926 0.12 2.37 3.28	39137 4.96
SR2	178 0.02 0.13 0.48	124565 15.78 91.28 97.74	89 0.01 0.07 0.19	178 0.02 0.13 0.24	178 0.02 0.13 0.09	888 0.11 0.65 0.72	3199 0.41 2.34 2.06	7197 0.91 5.27 25.46	136470 17.29
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	44487 5.63 97.39 94.43	199 0.03 0.44 0.27	398 0.05 0.87 0.20	398 0.05 0.87 0.32	199 0.03 0.44 0.13	0 0.00 0.00 0.00	45681 5.79
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1767 0.22 2.25 3.75	73268 9.28 93.13 98.16	1767 0.22 2.25 0.90	1247 0.16 1.59 1.01	624 0.08 0.79 0.40	0 0.00 0.00 0.00	78672 9.97
SR5	0 0.00 0.00 0.00	82 0.01 0.04 0.06	576 0.07 0.28 1.22	741 0.09 0.36 0.99	190567 24.14 93.54 97.25	10779 1.37 5.29 8.75	587 0.13 0.48 0.64	0 0.00 0.00 0.00	203732 25.81
SR6	446 0.06 0.39 1.19	1019 0.13 0.88 0.80	191 0.02 0.17 0.41	255 0.03 0.22 0.34	1210 0.15 1.05 0.62	107407 13.60 93.31 87.16	2165 0.27 1.68 1.39	2419 0.31 2.10 8.56	115111 14.58
SR7	0 0.00 0.00 0.00	1146 0.15 0.74 0.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	674 0.09 0.44 0.34	2359 0.30 1.53 1.91	147636 18.70 95.97 95.02	2022 0.26 1.31 7.15	153838 19.49
SR8	0 0.00 0.00 0.00	466 0.06 2.79 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	78 0.01 0.47 0.04	155 0.02 0.93 0.13	311 0.04 1.86 0.20	15704 1.99 93.95 55.55	16715 2.12
TOTAL	37319 4.73	127446 16.15	47110 5.97	74640 9.46	195965 24.83	123235 15.61	155373 19.68	28269 3.58	789356 100.00

APPENDIX TABLE K-21  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN GOLF  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	61738 5.65 99.23 98.06	480 0.04 0.77 0.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	62218 5.69
SR2	0 0.00 0.00 0.00	114029 10.43 95.81 89.13	1920 0.18 1.61 2.32	384 0.04 0.32 0.19	512 0.05 0.43 0.23	128 0.01 0.11 0.10	2048 0.19 1.72 0.99	0 0.00 0.00 0.00	119020 10.89
SR3	984 0.09 1.18 1.56	328 0.03 0.39 0.26	78970 7.22 94.63 95.62	1750 0.16 2.10 0.87	109 0.01 0.13 0.05	984 0.09 1.18 0.79	328 0.03 0.39 0.16	0 0.00 0.00 0.00	83454 7.63
SR4	159 0.01 0.08 0.25	637 0.06 0.33 0.50	0 0.00 0.00 0.00	189040 17.29 97.94 94.50	1752 0.16 0.91 0.79	0 0.00 0.00 0.00	1115 0.10 0.58 0.54	319 0.03 0.17 0.47	193021 17.65
SR5	0 0.00 0.00 0.00	6748 0.62 2.95 5.27	111 0.01 0.05 0.13	7523 0.69 3.29 3.76	208536 19.08 91.11 94.47	5642 0.52 2.46 4.55	332 0.03 0.14 0.16	0 0.00 0.00 0.00	228892 20.94
SR6	79 0.01 0.06 0.13	552 0.05 0.42 0.43	1498 0.14 1.14 1.81	709 0.06 0.54 0.35	8829 0.81 6.73 4.00	114380 10.46 87.20 92.28	4887 0.45 3.73 2.36	236 0.02 0.18 0.35	131171 12.00
SR7	0 0.00 0.00 0.00	5164 0.47 2.48 4.04	92 0.01 0.04 0.11	646 0.06 0.31 0.32	646 0.06 0.31 0.29	2582 0.24 1.24 2.08	198275 18.14 95.30 95.79	646 0.06 0.31 0.95	208051 19.03
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	349 0.03 0.52 0.16	232 0.02 0.34 0.19	0 0.00 0.00 0.00	66928 6.12 99.14 98.24	67509 6.17
TOTAL	62960 5.76	127939 11.70	82590 7.55	200052 18.30	220732 20.19	123950 11.34	206985 18.93	68129 6.23	1093336 100.00

APPENDIX TABLE K-22  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TENNIS  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	15028 3.50 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15028 3.50
SR2	0 0.00 0.00 0.00	67687 15.78 99.25 99.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	508 0.12 0.75 0.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	68195 15.90
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19214 4.48 95.06 96.87	499 0.12 2.47 0.81	499 0.12 2.47 0.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20212 4.71
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59424 13.85 100.00 96.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59424 13.85
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	247 0.06 0.18 1.24	1677 0.39 1.20 2.71	121172 28.24 86.97 98.74	2171 0.51 1.56 6.21	247 0.06 0.18 0.46	13814 3.22 9.92 25.96	0 0.00 0.00 0.00	139328 32.48
SR6	0 0.00 0.00 0.00	156 0.04 0.47 0.23	374 0.09 1.12 1.89	0 0.00 0.00 0.00	374 0.09 1.12 0.31	32604 7.60 97.30 93.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33509 7.81
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	237 0.06 0.42 0.38	170 0.04 0.30 0.14	170 0.04 0.30 0.49	53327 12.43 93.97 99.54	2848 0.66 5.02 5.35	0 0.00 0.00 0.00	56751 13.23
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	36557 8.52 100.00 68.69	0 0.00 0.00 0.00	36557 8.52
TOTAL	15028 3.50	67843 15.81	19835 4.62	61838 14.41	122723 28.61	34945 8.15	53574 12.49	53219 12.41	429004 100.00	

APPENDIX TABLE K-23  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN JOGGING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	24811 2.79 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24811 2.79
SR2	0 0.00 0.00 0.00	153758 17.30 90.82 98.77	2570 0.29 1.52 9.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	117 0.01 0.07 0.07	12852 1.45 7.59 10.75	169297 19.05
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24351 2.74 100.00 86.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24351 2.74
SR4	0 0.00 0.00 0.00	1220 0.14 0.99 0.78	0 0.00 0.00 0.00	119233 13.41 96.76 99.63	1220 0.14 0.99 0.59	333 0.04 0.27 0.60	1220 0.14 0.99 0.68	0 0.00 0.00 0.00	0 0.00 0.00 0.00	123226 13.86
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1246 0.14 0.61 4.42	0 0.00 0.00 0.00	198910 22.37 97.19 96.58	4314 0.49 2.11 7.74	0 0.00 0.00 0.00	192 0.02 0.09 0.16	204662 23.03	
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5377 0.60 9.56 2.61	50868 5.72 90.44 91.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56245 6.33
SR7	0 0.00 0.00 0.00	699 0.08 0.39 0.45	0 0.00 0.00 0.00	445 0.05 0.25 0.37	445 0.05 0.25 0.22	191 0.02 0.11 0.34	177891 20.01 98.59 99.25	763 0.09 0.42 0.64	180433 20.30	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	105750 11.90 100.00 88.45	105750 11.90	
TOTAL	24811 2.79	155677 17.52	28168 3.17	119678 13.47	205952 23.17	55705 6.27	179228 20.17	119556 13.45	888775 100.00	

APPENDIX TABLE K-24  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SAILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1072 2.07 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1072 2.07
SR2	0 0.00 0.00 0.00	13396 25.82 61.04 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8551 16.48 38.96 26.54	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21947 42.30
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4259 8.21 100.00 92.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4259 8.21
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	283 0.55 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	283 0.55
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	339 0.65 100.00 7.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	339 0.65
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23672 45.62 100.00 73.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23672 45.62
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 100.00	318 0.61 100.00 100.00	318 0.61
TOTAL	1072 2.07	13396 25.82	4598 8.86	0 0.00	283 0.55	0 0.00	32223 62.10	318 0.61	318 0.61	51890 100.00



APPENDIX TABLE K-25  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CANOEING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	666 2.27 95.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 0.10 4.10 2.08	695 2.39
SR2	0 0.00 0.00 0.00	587 2.01 24.19 100.00	669 2.28 27.56 20.00	167 0.57 6.86 10.13	839 2.86 34.54 68.84	0 0.00 0.00 0.00	167 0.57 6.86 5.32	0 0.00 0.00 0.00	2428 8.36
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2552 8.72 90.95 76.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	254 0.87 9.05 1.49	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2806 9.66
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	125 0.43 3.89 3.72	1477 5.04 46.11 89.87	0 0.00 0.00 0.00	494 1.69 15.42 2.89	369 1.26 11.53 11.80	739 2.52 23.06 53.95	3203 11.03
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	380 1.30 50.00 31.16	96 0.33 12.61 0.56	0 0.00 0.00 0.00	284 0.97 37.39 20.74	759 2.62
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16230 55.42 100.00 95.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16230 55.90
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2595 8.86 100.00 82.89	0 0.00 0.00 0.00	2595 8.94
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	318 1.09 100.00 23.23	318 1.10
TOTAL	666 2.29	587 2.02	3346 11.52	1644 5.66	1218 4.20	17073 58.80	3131 10.78	1369 4.72	29034 100.00

APPENDIX TABLE K-26  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HIKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	4956 4.92 77.03 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1478 1.47 22.97 10.27	6434 6.38
SR2	0 0.00 0.00 0.00	1500 1.49 81.25 57.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	346 0.34 18.75 2.40	1846 1.83
SR3	0 0.00 0.00 0.00	265 0.26 25.00 10.09	795 0.79 75.00 46.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1060 1.05
SR4	0 0.00 0.00 0.00	317 0.31 5.90 12.06	0 0.00 0.00 0.00	5052 5.01 94.10 98.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5369 5.33
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	915 0.91 2.78 53.52	0 0.00 0.00 0.00	31988 31.73 97.22 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32903 32.64
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9607 9.53 98.19 97.92	0 0.00 0.00 0.00	0 0.00 0.00 0.00	177 0.18 1.81 1.23	9784 9.71
SR7	0 0.00 0.00 0.00	544 0.54 1.67 20.72	0 0.00 0.00 0.00	68 0.07 0.21 1.33	0 0.00 0.00 0.00	204 0.20 0.63 2.08	30205 29.96 92.89 100.00	1496 1.48 4.60 10.39		32517 32.26
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10896 10.81 100.00 75.71	10896 10.81
TOTAL	4956 4.92	2625 2.60	1710 1.70	5120 5.08	31988 31.73	9811 9.73	30205 29.96	14393 14.28		100809 100.00

APPENDIX TABLE K-27  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSEBACK RIDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	198 0.13 10.68 9.89	198 0.13 10.68 0.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1460 0.95 76.64 9.92	1856 1.20	
SR2	1806 1.17 5.46 90.11	29357 19.01 88.80 96.93	1601 1.04 4.84 22.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	298 0.19 0.90 2.02	33061 21.41	
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5235 3.39 100.00 74.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5235 3.39	
SR4	0 0.00 0.00 0.00	150 0.10 0.54 0.49	0 0.00 0.00 0.00	25456 16.48 92.39 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	659 0.43 2.39 3.23	0 0.00 0.00 0.00	1288 0.83 4.67 8.75	27552 17.84
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18289 11.84 98.79 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	224 0.14 1.21 1.52	18513 11.99
SR6	0 0.00 0.00 0.00	193 0.12 0.95 0.64	193 0.12 0.95 2.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19673 12.74 96.80 96.42	0 0.00 0.00 0.00	265 0.17 1.31 1.80	20324 13.16	
SR7	0 0.00 0.00 0.00	388 0.25 0.98 1.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	72 0.05 0.18 0.35	36261 23.48 91.62 100.00	2859 1.85 7.22 19.44	39580 25.63	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8316 5.39 100.00 56.54	8316 5.38	
TOTAL	2004 1.30	30285 19.61	7029 4.55	25456 16.48	18289 11.84	20403 13.21	36261 23.48	14709 9.52	154437 100.00	

APPENDIX TABLE K-28  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ARCHERY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	3498 17.88 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3498 17.88
SR2	0 0.00 0.00 0.00	6224 31.81 95.83 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	271 1.39 4.17 26.18	6495 33.19
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	376 1.92 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	376 1.92
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2696 13.78 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2696 13.78
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	355 1.81 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	355 1.81
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5384 27.51 93.51 100.00	373 1.91 6.49 36.06	5757 29.42	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	391 2.00 100.00 37.76	391 2.00	
TOTAL	3498 17.88	6224 31.81	0 0.00	376 1.92	2696 13.78	355 1.81	5384 27.51	1036 5.29	19568 100.00	

APPENDIX TABLE K-29  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	2578 3.05 95.10 93.74	133 0.16 4.90 0.83	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2711 3.21
SR2	172 0.20 1.36 6.26	11581 13.71 91.70 72.59	0 0.00 0.00 0.00	352 0.42 2.79 1.76	262 0.31 2.07 1.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	262 0.31 2.07 17.57	12629 14.94
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	607 0.72 88.57 20.20	78 0.09 11.43 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	685 0.81
SR4	0 0.00 0.00 0.00	1812 2.14 7.02 11.36	840 0.99 3.25 27.98	19540 23.12 75.65 97.85	1956 2.32 7.57 13.43	0 0.00 0.00 0.00	1680 1.99 6.51 7.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25829 30.55
SR5	0 0.00 0.00 0.00	717 0.85 6.32 4.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10636 12.59 93.68 73.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11354 13.43
SR6	0 0.00 0.00 0.00	78 0.09 1.94 0.49	0 0.00 0.00 0.00	0 0.00 0.00 0.00	226 0.27 5.67 1.55	3535 4.18 88.65 97.88	149 0.18 3.73 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3987 4.72
SR7	0 0.00 0.00 0.00	1633 1.93 6.22 10.23	1556 1.84 5.93 51.82	0 0.00 0.00 0.00	1486 1.76 5.66 10.20	77 0.09 0.29 2.12	21357 25.27 81.35 92.11	147 0.17 0.56 9.83	0 0.00 0.00 0.00	26254 31.06
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1083 1.28 100.00 72.60	1083 1.28
TOTAL	2750 3.25	15954 18.87	3003 3.55	19970 23.62	14567 17.23	3612 4.27	23186 27.43	1492 1.76	0 0.00	84533 100.00

APPENDIX TABLE K-30  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SOCCER  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FRGM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00
SR2	0 0.00 0.00 0.00	1840 7.16 62.48 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1104 4.30 37.52 100.00	2944 11.46
SR3	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1400 5.45 100.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1400 5.45
SR6	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	18695 72.80 100.00	0 0.00 0.00	0 0.00 0.00	18695 72.80
SR7	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2642 10.29 100.00 100.00	0 0.00 0.00	2642 10.29
SR8	0 0.00 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
TOTAL	0 0.00	1840 7.16	0 0.00	0 0.00	1400 5.45	18695 72.80	2642 10.29	1104 4.30	25681 100.00

APPENDIX TABLE K-31  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSESHOES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1985

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	311 0.94 41.78 100.00	434 1.31 58.22 30.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	745 2.25
SR2	0 0.00 0.00 0.00	901 2.72 71.47 64.01	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	360 1.09 28.53 2.40	0 0.00 0.00 0.00	1261 3.81
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2310 6.98 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2310 6.98
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4039 12.21 100.00 95.01	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4039 12.21
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	212 0.64 7.14 4.99	2757 8.33 92.86 94.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2969 8.98
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3963 11.98 98.43 89.90	0 0.00 0.00 0.00	63 0.19 1.57 2.53	4026 12.17
SR7	0 0.00 0.00 0.00	73 0.22 0.47 5.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	149 0.45 0.97 5.14	445 1.35 2.88 10.10	14173 42.83 91.82 94.55	595 1.80 3.85 23.85	15436 46.66
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	458 1.38 19.96 3.05	1836 5.55 80.04 73.63	2294 6.94
TOTAL	311 0.94	1408 4.26	2310 6.98	4251 12.85	2906 8.79	4408 13.33	14991 45.32	2494 7.54	33081 100.00

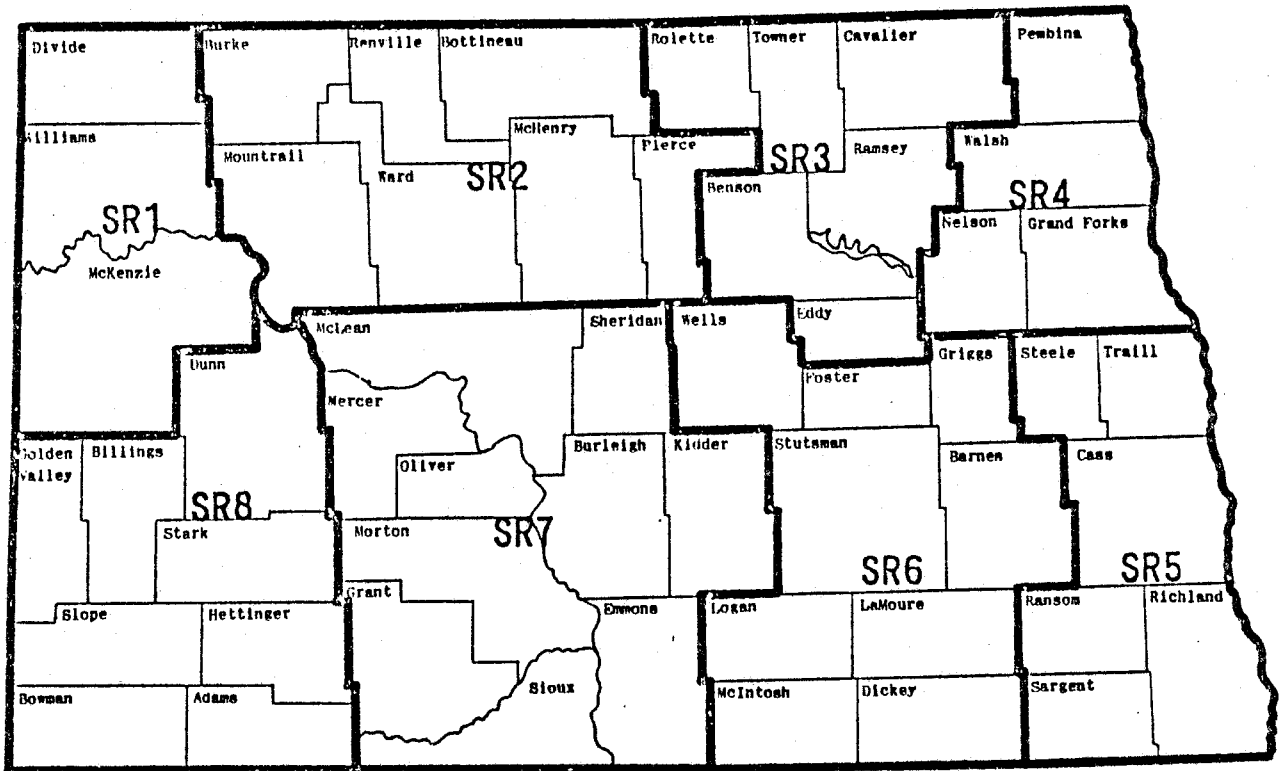




APPENDIX L  
DISTRIBUTION OF TOTAL NUMBER OF DAYS  
OF PARTICIPATION BY POPULATION, 1990

In 1990, residents of SR1 are estimated to participate in upland game hunting 31,575 days in SR1 (first value in SR1, SR1 component of Appendix Table L-1), 3,962 days in SR2 (first value in SR1, SR2 component of table), and 660 days in SR8 (first value in SR1, SR8 component of table) for a total of 36,197 days (row total for SR1). Residents of the state will hunt upland game a total of 592,178 days (total in lower right hand column). Of those 592,178 days, 31,575 or 5.33 percent (second value in SR1, SR1 component of table) will occur in SR1 by residents of SR1.

Of all days of participation in upland game hunting by residents in SR1 (36,197), 87.23 percent (third value in SR1, SR1 component of table) will occur in the home region (SR1), while 10.95 percent (third value in SR1, SR2 component of table) will occur in SR2. Of the 51,235 days of participation in SR1 (total of SR1 column) 31,575 days or 61.63 percent (fourth value in SR1, SR1 component of table) will occur by residents of SR1, 8,526 days or 16.64 percent (fourth value in SR2, SR1 component of table) represent days of participation by residents of SR2, etc.



APPENDIX TABLE L-1  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	31575 5.33 87.23 61.63	3962 0.67 10.95 2.34	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.11 1.82 1.05	660 6.11	36197
SR2	8526 1.44 4.78 16.64	152412 25.74 85.47 90.16	1543 0.26 0.87 5.53	0 0.00 0.00 0.00	1218 0.21 0.68 1.75	487 0.08 0.27 1.12	10718 1.81 6.01 7.06	3410 0.58 1.91 5.44	178315 30.11	178315
SR3	782 0.13 3.25 1.53	1304 0.22 5.41 0.77	18304 3.09 75.97 65.62	365 0.06 1.52 2.23	782 0.13 3.25 1.12	52 0.01 0.22 0.12	1617 0.27 6.71 1.07	887 0.15 3.68 1.41	24093 4.07	24093
SR4	607 0.10 2.24 1.19	1350 0.23 4.99 0.80	3915 0.66 14.46 14.04	15727 2.66 58.10 96.24	1282 0.22 4.74 1.84	1417 0.24 5.24 3.26	1350 0.23 4.99 0.89	1417 0.24 5.24 2.26	27067 4.57	27067
SR5	3090 0.52 3.21 6.03	4754 0.80 4.94 2.81	2437 0.41 2.53 8.74	0 0.00 0.00 0.00	64835 10.95 67.39 92.91	5467 0.92 5.68 12.59	11469 1.94 11.92 7.56	4160 0.70 4.32 6.63	96213 16.25	96213
SR6	428 0.07 1.04 0.84	1998 0.34 4.84 1.18	500 0.08 1.21 1.79	250 0.04 0.60 1.53	1392 0.24 3.37 1.99	32010 5.41 77.46 73.71	1998 0.34 4.84 1.32	2748 0.46 6.65 4.38	41324 6.98	41324
SR7	4811 0.81 3.40 9.39	2734 0.46 1.93 1.62	219 0.04 0.15 0.78	0 0.00 0.00 0.00	273 0.05 0.19 0.39	3991 0.67 2.82 9.19	124541 21.03 87.99 82.07	4975 0.84 3.51 7.93	141544 23.90	141544
SR8	1415 0.24 2.98 2.76	537 0.09 1.13 0.32	976 0.16 2.06 3.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49 0.01 0.10 0.03	44449 7.51 93.72 70.88	47425 8.01	47425
TOTAL	51235 8.65	169051 28.55	27893 4.71	16342 2.76	69783 11.78	43425 7.33	151743 25.62	62706 10.59	592178 100.00	592178

APPENDIX TABLE L-2  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN WATERFOWL HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	18274 2.50 82.26 80.21	3600 0.49 16.21 1.83	136 0.02 0.61 0.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	204 0.03 0.92 0.21	0 0.00 0.00 0.00	22214 3.04
SR2	1165 0.16 0.65 5.11	162316 22.22 91.17 82.46	5607 0.77 3.15 3.74	146 0.02 0.08 0.25	73 0.01 0.04 0.10	1602 0.22 0.90 1.30	6845 0.94 3.84 7.18	291 0.04 0.16 2.11	178045 24.37
SR3	0 0.00 0.00 0.00	1862 0.25 2.14 0.95	82361 11.28 94.57 54.96	1003 0.14 1.15 1.71	1361 0.19 1.56 1.96	430 0.06 0.49 0.35	0 0.00 0.00 0.00	72 0.01 0.08 0.52	87088 11.92
SR4	0 0.00 0.00 0.00	4459 0.61 4.41 2.27	29385 4.02 29.04 19.61	54653 7.48 54.01 93.02	5145 0.70 5.08 7.40	5717 0.78 5.65 4.62	1601 0.22 1.58 1.68	229 0.03 0.23 1.66	101188 13.85
SR5	1298 0.18 1.07 5.70	5346 0.73 4.40 2.72	18023 2.47 14.84 12.03	1986 0.27 1.64 3.38	61934 8.48 51.01 89.05	27951 3.83 23.02 22.60	3666 0.50 3.02 3.85	1222 0.17 1.01 8.85	121425 16.62
SR6	0 0.00 0.00 0.00	5223 0.72 5.49 2.65	4667 0.64 4.91 3.11	556 0.08 0.58 0.95	833 0.11 0.88 1.20	77731 10.64 81.72 62.85	4556 0.62 4.79 4.78	1556 0.21 1.64 11.27	95122 13.02
SR7	1309 0.18 1.19 5.74	11639 1.59 10.60 5.91	8609 1.18 7.84 5.74	413 0.06 0.38 0.70	0 0.00 0.00 0.00	9711 1.33 8.85 7.85	78101 10.69 71.14 81.95	0 0.00 0.00 0.00	109782 15.03
SR8	736 0.10 4.68 3.23	2408 0.33 15.32 1.22	1070 0.15 6.81 0.71	0 0.00 0.00 0.00	201 0.03 1.28 0.29	535 0.07 3.40 0.43	334 0.05 2.13 0.35	10433 1.43 66.38 75.59	15717 2.15
TOTAL	22782 3.12	196853 26.94	149857 20.51	58756 8.04	69547 9.52	123676 16.93	95307 13.05	13803 1.89	730580 100.00

APPENDIX TABLE L-3  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	10139 3.54 88.24 41.74	652 0.23 5.67 1.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	531 0.19 4.62 1.54	0 0.00 0.00 0.00	169 0.06 1.47 0.43	11491 4.02
SR2	3409 1.19 5.48 14.04	50374 17.59 80.89 81.79	501 0.18 0.81 2.71	501 0.18 0.81 2.29	0 0.00 0.00 0.00	2741 0.96 4.40 7.94	3577 1.25 5.74 7.10	1170 0.41 1.88 2.99	62273 21.76
SR3	174 0.06 1.03 0.72	2410 0.84 14.33 3.91	13518 4.72 80.35 73.18	124 0.04 0.74 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	174 0.06 1.03 0.35	422 0.15 2.51 1.08	16823 5.88
SR4	2700 0.94 7.10 11.12	2119 0.74 5.58 3.44	1709 0.60 4.50 9.25	21291 7.44 56.03 97.15	2221 0.78 5.85 6.19	3042 1.06 8.00 8.81	1538 0.54 4.05 3.05	3383 1.18 8.90 8.65	38003 13.28
SR5	1901 0.66 3.70 7.83	1452 0.51 2.83 2.36	1241 0.43 2.42 6.72	0 0.00 0.00 0.00	32060 11.20 62.38 89.34	2879 1.01 5.60 8.34	3988 1.39 7.76 7.91	7870 2.75 15.31 20.12	51391 17.96
SR6	458 0.16 1.47 1.88	520 0.18 1.67 0.84	208 0.07 0.67 1.13	0 0.00 0.00 0.00	1602 0.56 5.14 4.46	23866 8.34 76.52 69.16	1644 0.57 5.27 3.26	2892 1.01 9.27 7.39	31190 10.90
SR7	5277 1.84 9.20 21.72	3826 1.34 6.67 6.21	1296 0.45 2.26 7.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1450 0.51 2.53 4.20	39158 13.68 68.26 77.68	6357 2.22 11.08 16.25	57364 20.04
SR8	232 0.08 1.31 0.95	232 0.08 1.31 0.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	331 0.12 1.88 0.66	16856 5.89 95.50 43.09	17651 6.17
TOTAL	24290 8.49	61585 21.52	18474 6.46	21517 7.66	35883 12.54	34508 12.06	50409 17.61	39119 13.67	286186 100.00

APPENDIX TABLE L-4  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN NONGAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	24072 6.77 90.01 85.83	1106 0.31 4.14 1.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.44 5.85 3.03	1564 7.52	26742
SR2	1467 0.41 2.67 5.23	52409 14.74 95.41 94.31	64 0.02 0.12 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	255 0.07 0.46 0.75	255 0.07 0.46 0.32	478 0.13 0.87 0.93	54929 15.45
SR3	807 0.23 2.41 2.88	667 0.19 1.99 1.20	30927 8.70 92.15 86.83	667 0.19 1.99 1.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	211 0.06 0.63 0.62	281 0.08 0.84 0.35	0 0.00 0.00 0.00	33560 9.44
SR4	0 0.00 0.00 0.00	218 0.06 0.52 0.39	2945 0.83 7.04 8.27	36102 10.15 86.31 98.19	2345 0.66 5.61 7.00	218 0.06 0.52 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	41829 11.76
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	770 0.22 2.11 2.16	0 0.00 0.00 0.00	31108 8.75 85.16 92.80	770 0.22 2.11 2.26	2156 0.61 5.90 2.68	1725 0.49 4.72 3.34	36529 10.27	
SR6	557 0.16 1.58 1.99	319 0.09 0.90 0.57	265 0.07 0.75 0.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	32307 9.09 91.78 94.93	1593 0.45 4.52 1.98	159 0.04 0.45 0.31	35201 9.90	
SR7	579 0.16 0.73 2.07	852 0.24 1.07 1.53	647 0.18 0.82 1.82	0 0.00 0.00 0.00	68 0.02 0.09 0.20	273 0.08 0.34 0.80	76072 21.40 95.88 94.56	852 0.24 1.07 1.65	79342 22.31	
SR8	562 0.16 1.18 2.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	94 0.03 0.20 0.12	46809 13.17 96.62 90.74	47465 13.35	
TOTAL	28045 7.89	55571 15.63	35619 10.02	36769 10.34	33521 9.43	34034 9.57	80450 22.62	51587 14.51	355596 100.00	

APPENDIX TABLE L-5  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	22723 6.62 92.63 98.40	1807 0.53 7.37 1.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24530 7.15
SR2	264 0.08 0.25 1.14	84789 24.70 81.28 89.79	6861 2.00 6.58 12.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12314 3.59 11.80 14.06	88 0.03 0.08 0.82	104315 30.39
SR3	0 0.00 0.00 0.00	2537 0.74 6.28 2.69	36851 10.74 91.26 67.32	309 0.09 0.77 2.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	371 0.11 0.92 1.04	0 0.00 0.00 0.00	309 0.09 0.77 2.89	40378 11.76
SR4	0 0.00 0.00 0.00	140 0.04 0.51 0.15	7839 2.28 28.72 14.32	14033 4.09 51.41 97.84	4619 1.35 16.92 20.32	665 0.19 2.44 1.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27297 7.95
SR5	105 0.03 0.51 0.45	0 0.00 0.00 0.00	811 0.24 3.98 1.48	0 0.00 0.00 0.00	17652 5.14 86.76 77.63	1674 0.49 8.23 4.69	105 0.03 0.51 0.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20345 5.93
SR6	0 0.00 0.00 0.00	612 0.18 1.66 0.65	350 0.10 0.95 0.64	0 0.00 0.00 0.00	467 0.14 1.26 2.05	31374 9.14 84.93 87.99	2595 0.76 7.02 2.96	1545 0.45 4.18 14.41	0 0.00 0.00 0.00	36943 10.76
SR7	0 0.00 0.00 0.00	4433 1.29 5.54 4.69	2026 0.59 2.53 3.70	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1235 0.36 1.54 3.46	72383 21.09 90.39 82.66	0 0.00 0.00 0.00	80077 23.33
SR8	0 0.00 0.00 0.00	113 0.03 1.20 0.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	339 0.10 3.60 0.95	169 0.05 1.80 0.19	8782 2.56 93.39 81.89	9403 2.74
TOTAL	23091 6.73	94431 27.51	54737 15.95	14343 4.18	22738 6.62	35657 10.39	87566 25.51	10725 3.12	0	343288 100.00

APPENDIX TABLE L-6  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CROSS-COUNTRY SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	4859 1.90 93.80 100.00	60 0.02 1.16 0.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	261 0.10 5.04 0.46	0 0.00 0.00 0.00	5180 2.02
SR2	0 0.00 0.00 0.00	25061 9.78 100.00 88.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25061 9.78
SR3	0 0.00 0.00 0.00	446 0.17 2.95 1.58	14703 5.74 97.05 96.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15149 5.91
SR4	0 0.00 0.00 0.00	798 0.31 1.95 2.83	207 0.08 0.50 1.36	38247 14.93 93.23 96.96	1094 0.43 2.67 1.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89 0.03 0.22 0.16	591 0.23 1.44 2.25	41025 16.01
SR5	0 0.00 0.00 0.00	755 0.29 1.12 2.67	252 0.10 0.37 1.66	252 0.10 0.37 0.64	65053 25.39 96.74 97.89	0 0.00 0.00 0.00	0 0.00 0.00 0.00	931 0.36 1.38 1.66	0 0.00 0.00 0.00	67242 26.25
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	285 0.11 1.43 0.72	117 0.05 0.59 0.18	19525 7.62 97.98 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19927 7.78
SR7	0 0.00 0.00 0.00	1021 0.40 1.79 3.62	0 0.00 0.00 0.00	662 0.26 1.16 1.68	193 0.08 0.34 0.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	54517 21.43 96.37 97.72	193 0.08 0.34 0.73	56987 22.25
SR8	0 0.00 0.00 0.00	103 0.04 0.40 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25503 9.95 99.60 97.02	25606 10.00
TOTAL	4859 1.90	28244 11.03	15161 5.92	39445 15.40	66457 25.94	19525 7.62	56198 21.94	26288 10.26	256176 100.00	



APPENDIX TABLE L-7  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN DOWNHILL SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	452 0.36 11.29 87.87	3553 2.83 88.71 5.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4005 3.18
SR2	0 0.00 0.00 0.00	47110 37.47 100.00 71.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	47110 37.46
SR3	0 0.00 0.00 0.00	5664 4.50 24.02 8.57	15901 12.65 67.43 93.21	2016 1.60 8.55 7.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23581 18.75
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	835 0.66 3.32 4.90	22783 18.12 90.46 90.22	1323 1.05 5.25 20.84	0 0.00 0.00 0.00	244 0.19 0.97 12.47	0 0.00 0.00 0.00	25185 20.02
SR5	0 0.00 0.00 0.00	65 0.05 1.56 0.10	65 0.05 1.56 0.38	196 0.16 4.68 0.78	3604 2.87 85.97 56.77	0 0.00 0.00 0.00	196 0.16 4.68 10.03	65 0.05 1.56 4.18	4192 3.33
SR6	62 0.05 0.62 12.13	1659 1.32 16.56 2.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1293 1.03 12.91 20.37	7000 5.57 69.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10014 7.96
SR7	0 0.00 0.00 0.00	8030 6.39 78.83 12.15	257 0.20 2.52 1.51	257 0.20 2.52 1.02	128 0.10 1.26 2.02	0 0.00 0.00 0.00	1514 1.20 14.86 17.50	0 0.00 0.00 0.00	10187 8.10
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1497 1.19 100.00 95.82	1497 1.19
TOTAL	515 0.41	66082 52.54	17059 13.56	25252 20.08	6348 5.05	7000 5.57	1954 1.55	1562 1.24	125772 100.00

APPENDIX TABLE L-8  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SNOWMOBILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	92926 6.83 95.50 96.90	3999 0.29 4.11 1.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	381 0.03 0.39 0.33	97306 7.15
SR2	1239 0.09 0.36 1.29	335286 24.63 97.08 55.91	3185 0.23 0.92 1.62	3362 0.25 0.97 2.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2300 0.17 0.67 1.20	0 0.00 0.00 0.00	345371 25.37
SR3	0 0.00 0.00 0.00	1197 0.09 0.64 0.34	180688 13.27 97.28 92.12	3324 0.24 1.79 2.15	0 0.00 0.00 0.00	133 0.01 0.07 0.14	0 0.00 0.00 0.00	399 0.03 0.21 0.34	185740 13.64
SR4	0 0.00 0.00 0.00	3162 0.23 1.97 0.90	7988 0.59 4.98 4.07	146284 10.75 91.28 94.43	1997 0.15 1.25 1.22	666 0.05 0.42 0.71	166 0.01 0.10 0.09	0 0.00 0.00 0.00	160263 11.77
SR5	0 0.00 0.00 0.00	1462 0.11 0.87 0.42	366 0.03 0.22 0.19	1950 0.14 1.16 1.26	158176 11.62 94.40 96.95	4996 0.37 2.98 5.32	487 0.04 0.29 0.25	122 0.01 0.07 0.11	167559 12.31
SR6	847 0.06 0.97 0.88	1881 0.14 2.16 0.54	658 0.05 0.76 0.34	0 0.00 0.00 0.00	2634 0.19 3.02 1.61	79581 5.85 91.36 84.72	1411 0.10 1.62 0.73	94 0.01 0.11 0.08	87106 6.40
SR7	563 0.04 0.28 0.59	2589 0.19 1.27 0.74	3264 0.24 1.60 1.66	0 0.00 0.00 0.00	338 0.02 0.17 0.21	8555 0.63 4.19 9.11	187529 13.78 91.94 97.67	1126 0.08 0.55 0.97	203564 14.98
SR8	321 0.02 0.28 0.34	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	107 0.01 0.09 0.06	113673 8.35 99.62 98.17	114102 8.38
TOTAL	95896 7.04	349576 25.68	196149 14.41	154919 11.38	163144 11.98	93930 6.90	192002 14.10	115795 8.51	1361411 100.00

APPENDIX TABLE L-9  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SLEDDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	58666 8.09 99.07 96.29	473 0.07 0.80 0.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	79 0.01 0.13 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59218 8.16
SR2	0 0.00 0.00 0.00	115952 15.98 98.64 99.04	0 0.00 0.00 0.00	336 0.05 0.29 0.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1261 0.17 1.07 0.79	0 0.00 0.00 0.00	117550 16.20
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	48858 6.74 98.90 97.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	542 0.07 1.10 1.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	49400 6.81
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	838 0.12 0.72 1.68	114355 15.76 98.63 99.59	754 0.10 0.65 0.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	115947 15.98
SR5	1946 0.27 1.66 3.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	113561 15.66 96.76 98.90	338 0.05 0.29 0.62	1523 0.21 1.30 0.95	0 0.00 0.00 0.00	117369 16.18
SR6	193 0.03 0.35 0.32	242 0.03 0.44 0.21	242 0.03 0.44 0.48	0 0.00 0.00 0.00	435 0.06 0.79 0.38	53456 7.37 96.76 98.38	677 0.09 1.22 0.42	0 0.00 0.00 0.00	55244 7.61
SR7	0 0.00 0.00 0.00	407 0.06 0.26 0.35	0 0.00 0.00 0.00	136 0.02 0.09 0.12	0 0.00 0.00 0.00	0 0.00 0.00 0.00	156831 21.62 99.44 97.84	339 0.05 0.21 0.64	157712 21.74
SR8	120 0.02 0.23 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	53009 7.31 99.77 99.36	53129 7.32
TOTAL	60926 8.40	117074 16.14	49937 6.88	114827 15.83	114829 15.83	54337 7.49	160292 22.09	53348 7.35	725569 100.00

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APPENDIX TABLE L-10  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE SKATING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	57349 7.18 99.84 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	92 0.01 0.16 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	57441 7.20
SR2	0 0.00 0.00 0.00	128258 16.07 99.34 99.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	847 0.11 0.66 0.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	129105 16.17
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	79936 10.01 99.29 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	572 0.07 0.71 0.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	80509 10.09
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	172463 21.61 99.60 99.65	0 0.00 0.00 0.00	307 0.04 0.48 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	384 0.05 0.22 0.84	173154 21.69
SR5	0 0.00 0.00 0.00	156 0.02 0.11 0.12	0 0.00 0.00 0.00	312 0.04 0.22 0.18	139897 17.53 99.33 98.41	312 0.04 0.22 0.51	156 0.02 0.11 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	140834 17.64
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	60739 7.61 99.89 99.49	66 0.01 0.11 0.06	0 0.00 0.00 0.00	60805 7.62
SR7	0 0.00 0.00 0.00	367 0.05 0.33 0.29	0 0.00 0.00 0.00	294 0.04 0.26 0.17	441 0.06 0.40 0.31	0 0.00 0.00 0.00	109707 13.74 98.74 99.80	294 0.04 0.26 0.64	0 0.00 0.00 0.00	111104 13.92
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	45235 5.67 100.00 98.52	45235 5.67
TOTAL	57349 7.18	128782 16.13	79936 10.01	173069 21.68	142156 17.81	61051 7.65	109930 13.77	45913 5.75	798186 100.00	

APPENDIX TABLE L-11  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HOCKEY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1290 0.46 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1290 0.46
SR2	0 0.00 0.00 0.00	19281 6.90 85.71 96.19	0 0.00 0.00 0.00	2318 0.83 10.30 1.84	896 0.32 3.98 2.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22494 8.05
SR3	0 0.00 0.00 0.00	277 0.10 1.04 1.38	24596 8.81 92.60 95.31	1329 0.48 5.01 1.05	277 0.10 1.04 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	83 0.03 0.31 3.42	0 0.00 0.00 0.00	26562 9.51
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	237 0.08 0.20 0.92	117121 41.93 98.35 92.91	1724 0.62 1.45 3.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	119082 42.63
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3699 1.32 8.13 2.93	40371 14.45 88.73 93.30	419 0.15 0.92 1.12	592 0.21 1.30 2.59	419 0.15 0.92 17.26	0 0.00 0.00 0.00	45501 16.29
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	421 0.15 1.11 0.33	0 0.00 0.00 0.00	37135 13.29 97.79 98.88	421 0.15 1.11 1.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	37976 13.60
SR7	0 0.00 0.00 0.00	487 0.17 1.99 2.43	975 0.35 3.98 3.78	1175 0.42 4.80 0.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	21845 7.82 89.23 95.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24483 8.77
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1926 0.69 100.00 79.31	0 0.00 0.00 0.00	1926 0.69
TOTAL	1290 0.46	20045 7.18	25807 9.24	126064 45.13	43268 15.49	37554 13.45	22858 8.18	2428 0.87	279314 100.00	

APPENDIX TABLE L-12  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	68082 5.30 78.13 79.32	11260 0.88 12.92 4.66	173 0.01 0.20 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7622 0.59 8.75 10.05	87138 6.79
SR2	5173 0.40 1.48 6.03	207994 16.21 59.69 86.08	14911 1.16 4.28 11.03	1065 0.08 0.31 1.63	4412 0.34 1.27 5.27	3347 0.26 0.96 2.32	111072 8.65 31.88 24.56	456 0.04 0.13 0.60	348431 27.14
SR3	870 0.07 1.17 1.01	2733 0.21 3.67 1.13	67703 5.27 90.98 50.07	745 0.06 1.00 1.14	0 0.00 0.00 0.00	870 0.07 1.17 0.60	0 0.00 0.00 0.00	1491 0.12 2.00 1.97	74411 5.80
SR4	196 0.02 0.16 0.23	980 0.08 0.82 0.41	30561 2.38 25.45 22.60	60335 4.70 50.24 92.41	14301 1.11 11.91 17.09	10579 0.82 8.81 7.35	2351 0.18 1.96 0.52	784 0.06 0.65 1.03	120091 9.35
SR5	1727 0.13 1.77 2.01	2656 0.21 2.72 1.10	7836 0.61 8.02 5.80	664 0.05 0.68 1.02	59502 4.64 60.87 71.10	14743 1.15 15.08 10.24	8500 0.66 8.70 1.88	2125 0.17 2.17 2.80	97754 7.61
SR6	1103 0.09 0.83 1.29	3769 0.29 2.82 1.56	7263 0.57 5.44 5.37	736 0.06 0.55 1.13	2207 0.17 1.65 2.64	110509 8.61 82.78 76.73	5976 0.47 4.48 1.32	1931 0.15 1.45 2.55	133494 10.40
SR7	653 0.05 0.19 0.76	9367 0.73 2.75 3.88	6535 0.51 1.92 4.83	1743 0.14 0.51 2.67	3267 0.25 0.96 3.90	3376 0.26 0.99 2.34	314002 24.46 92.11 69.44	1960 0.15 0.58 2.59	340904 26.56
SR8	8031 0.63 9.85 9.36	2877 0.22 3.53 1.19	240 0.02 0.29 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	599 0.05 0.74 0.42	10308 0.80 12.65 2.28	59450 4.63 72.94 78.41	81504 6.35
TOTAL	85835 6.69	241636 18.82	135222 10.53	65292 5.05	83690 6.52	144024 11.22	452209 35.23	75820 5.91	1283726 100.00

APPENDIX TABLE L-13  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN POWERBOATING/WATERSKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	21407 2.45 93.75 62.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.16 6.25 4.86	1427 22834 2.61
SR2	7221 0.82 2.31 21.24	215965 24.67 68.98 88.76	3896 0.45 1.24 2.94	0 0.00 0.00 0.00	3420 0.39 1.09 10.67	0 0.00 0.00 0.00	82092 9.38 26.22 32.38	475 0.05 0.15 1.62	313069 35.77
SR3	0 0.00 0.00 0.00	5797 0.66 4.79 2.38	110236 12.59 91.07 83.11	3426 0.39 2.83 3.79	703 0.08 0.58 2.19	0 0.00 0.00 0.00	878 0.10 0.73 0.35	0 0.00 0.00 0.00	121040 13.83
SR4	0 0.00 0.00 0.00	17047 1.95 12.12 7.01	15972 1.82 11.35 12.04	86923 9.93 61.79 96.13	14857 1.70 10.59 46.48	5682 0.65 4.04 9.49	0 0.00 0.00 0.00	154 0.02 0.11 0.52	140674 16.07
SR5	0 0.00 0.00 0.00	525 0.06 2.26 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11363 1.30 48.87 35.46	9393 1.07 40.40 15.68	1708 0.20 7.34 0.67	263 0.03 1.13 0.90	23252 2.66
SR6	0 0.00 0.00 0.00	1910 0.22 3.84 0.79	1972 0.23 3.96 1.49	0 0.00 0.00 0.00	1664 0.19 3.34 5.19	40921 4.67 82.18 68.32	3328 0.38 6.68 1.31	0 0.00 0.00 0.00	49795 5.69
SR7	843 0.10 0.50 2.48	1898 0.22 1.12 0.78	562 0.06 0.33 0.42	70 0.01 0.04 0.08	0 0.00 0.00 0.00	3725 0.43 2.21 6.22	161651 18.47 95.79 63.77	0 0.00 0.00 0.00	168750 19.28
SR8	4534 0.52 12.68 13.33	172 0.02 0.48 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	172 0.02 0.48 0.29	3845 0.44 10.75 1.52	27029 3.09 75.60 92.10	35752 4.09
TOTAL	34005 3.89	243315 27.80	132638 15.16	90419 10.33	32047 3.66	59893 6.84	253502 28.97	29348 3.35	875167 100.00

APPENDIX TABLE L-14  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BEACH SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	24553 3.30 91.67 88.39	419 0.06 1.56 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.24 6.77 9.58	1814 26785 3.60
SR2	842 0.11 0.41 3.03	120296 16.18 58.62 80.11	3239 0.44 1.58 3.91	389 0.05 0.19 0.31	4275 0.58 2.08 9.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	75209 10.12 36.65 31.84	972 205222 27.62
SR3	0 0.00 0.00 0.00	4034 0.54 5.26 2.69	67508 9.08 88.00 81.50	4490 0.60 5.85 3.59	0 0.00 0.00 0.00	685 0.09 0.89 1.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	76717 10.32
SR4	0 0.00 0.00 0.00	18538 2.49 11.10 12.35	11586 1.56 6.94 13.99	120034 16.15 71.88 96.09	12204 1.64 7.31 26.75	4480 0.60 2.68 7.91	154 0.02 0.09 0.07	0 0.00 0.00 0.00	166997 22.47
SR5	0 0.00 0.00 0.00	1664 0.22 4.93 1.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26173 3.52 77.61 57.36	2432 0.33 7.21 4.30	3072 0.41 9.11 1.30	384 0.05 1.14 2.03	33724 4.54
SR6	0 0.00 0.00 0.00	614 0.08 1.13 0.41	425 0.06 0.78 0.51	0 0.00 0.00 0.00	2975 0.40 5.49 6.52	44859 6.04 82.75 79.24	5336 0.72 9.84 2.26	0 0.00 0.00 0.00	54268 7.30
SR7	627 0.08 0.39 2.26	4601 0.62 2.87 3.06	70 0.01 0.04 0.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3555 0.48 2.22 6.28	150578 20.26 94.08 63.75	627 0.08 0.39 3.31	160059 21.54
SR8	1754 0.24 9.07 6.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	601 0.08 3.11 1.06	1854 0.25 9.59 0.79	15136 2.04 78.24 79.95	19346 2.60
TOTAL	27777 3.74	150165 20.21	82828 11.15	124913 16.81	45627 6.14	56612 7.62	236204 31.79	18933 2.55	743058 100.00

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APPENDIX TABLE L-15  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	56764 4.21 100.00 92.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56764 4.21
SR2	3219 0.24 1.91 5.26	160969 11.93 95.36 99.77	1120 0.08 0.66 0.57	140 0.01 0.08 0.08	420 0.03 0.25 0.17	0 0.00 0.00 0.00	1260 0.09 0.75 0.51	1680 0.12 1.00 1.81		168807 12.51
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	194830 14.45 94.78 99.06	767 0.06 0.37 0.44	384 0.03 0.19 0.15	7670 0.57 3.73 4.59	0 0.00 0.00 0.00	1918 0.14 0.93 2.07		205569 15.24
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	312 0.02 0.18 0.16	168949 12.53 99.00 97.53	468 0.03 0.27 0.19	935 0.07 0.55 0.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00		170663 12.65
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3369 0.25 1.30 1.95	245834 18.23 94.57 98.67	3888 0.29 1.50 2.33	778 0.06 0.30 0.31	6091 0.45 2.34 6.57		259959 19.27
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	409 0.03 0.26 0.21	0 0.00 0.00 0.00	715 0.05 0.45 0.29	153869 11.41 96.29 92.09	817 0.06 0.51 0.33	3985 0.30 2.49 4.30		159795 11.85
SR7	485 0.04 0.20 0.79	364 0.03 0.15 0.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1335 0.10 0.54 0.54	728 0.05 0.30 0.44	242446 17.98 98.28 97.59	1335 0.10 0.54 1.44		246693 18.29
SR8	745 0.06 0.92 1.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2111 0.16 2.62 0.85	77746 5.76 96.46 83.82		80603 5.98
TOTAL	61214 4.54	161333 11.96	196670 14.58	173225 12.84	249155 18.47	167090 12.39	247412 18.34	92754 6.88		1348853 100.00

APPENDIX TABLE L-16  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN PICNICKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	36431 4.76 94.02 97.39	1758 0.23 4.54 1.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	479 0.06 1.24 0.24	80 0.01 0.21 0.15	38748 5.07
SR2	167 0.02 0.14 0.45	90158 11.79 76.00 84.40	3757 0.49 3.17 6.07	835 0.11 0.70 0.64	3089 0.40 2.60 3.54	417 0.05 0.35 0.45	18449 2.41 15.55 9.32	1753 0.23 1.48 3.40	118625 15.51
SR3	0 0.00 0.00 0.00	1150 0.15 2.24 1.08	44619 5.83 86.97 72.15	2658 0.35 5.18 2.05	72 0.01 0.14 0.08	1437 0.19 2.80 1.55	431 0.06 0.84 0.22	934 0.12 1.82 1.81	51301 6.71
SR4	0 0.00 0.00 0.00	270 0.04 0.18 0.25	11208 1.47 7.38 18.12	123698 16.17 81.49 55.37	8913 1.17 5.87 10.23	5807 0.76 3.83 6.28	1350 0.18 0.89 0.68	540 0.07 0.36 1.05	151787 19.85
SR5	148 0.02 0.18 0.39	1106 0.14 1.32 1.04	0 0.00 0.00 0.00	664 0.09 0.79 0.51	70805 9.26 84.36 81.24	4720 0.62 5.62 5.11	2360 0.31 2.81 1.19	4130 0.54 4.92 8.00	83934 10.97
SR6	0 0.00 0.00 0.00	836 0.11 0.94 0.78	1777 0.23 2.00 2.87	1097 0.14 1.23 0.85	2770 0.36 3.11 3.18	77658 10.15 87.21 84.03	1516 0.20 1.70 0.77	3397 0.44 3.81 6.58	89051 11.64
SR7	275 0.04 0.15 0.73	11475 1.50 6.12 10.74	481 0.06 0.26 0.78	756 0.10 0.40 0.58	1512 0.20 0.81 1.73	1993 0.26 1.06 2.16	166012 21.70 88.50 83.91	5085 0.66 2.71 9.85	187588 24.53
SR8	385 0.05 0.88 1.03	64 0.01 0.15 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	385 0.05 0.88 0.42	7254 0.95 16.57 3.67	35693 4.67 81.52 69.16	43782 5.72
TOTAL	37406 4.89	106818 13.97	61842 8.09	129709 16.96	87160 11.40	92418 12.08	197852 25.87	51612 6.75	764816 100.00

APPENDIX TABLE L-17  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CAMPING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	32926 3.89 67.21 53.63	6785 0.80 13.85 5.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9279 1.10 18.94 8.59	48990 5.78
SR2	14416 1.70 6.24 23.48	97935 11.56 42.39 73.42	4805 0.57 2.08 7.34	384 0.05 0.17 0.66	1538 0.18 0.67 4.80	2499 0.30 1.08 3.17	101107 11.94 43.76 32.66	8362 0.99 3.62 7.74	231047 27.28
SR3	0 0.00 0.00 0.00	6742 0.80 11.03 5.05	42233 4.99 69.07 64.51	2325 0.27 3.80 4.00	0 0.00 0.00 0.00	7052 0.83 11.53 8.93	930 0.11 1.52 0.30	1860 0.22 3.04 1.72	61141 7.22
SR4	3217 0.38 4.02 5.24	5436 0.64 6.80 4.08	9651 1.14 12.07 14.74	43376 5.12 54.23 74.55	7211 0.85 9.02 22.50	4105 0.48 5.13 5.20	1553 0.18 1.94 0.50	5436 0.64 6.80 5.03	79984 9.44
SR5	564 0.07 0.88 0.92	2256 0.27 3.50 1.69	2417 0.29 3.75 3.69	6930 0.82 10.76 11.91	22481 2.65 34.92 70.14	16679 1.97 25.91 21.13	6849 0.81 10.64 2.21	6204 0.73 9.64 5.74	64381 7.60
SR6	669 0.08 1.04 1.09	2006 0.24 3.13 1.50	4498 0.53 7.02 6.87	1216 0.14 1.90 2.09	669 0.08 1.04 2.09	35567 4.67 61.76 50.13	8752 1.03 13.66 2.83	6686 0.79 10.44 6.19	64061 7.56
SR7	2401 0.28 1.05 3.91	8676 1.02 3.81 6.50	1859 0.22 0.82 2.64	3951 0.47 1.73 6.79	155 0.02 0.07 0.48	8676 1.02 3.81 10.99	183663 21.69 80.56 59.34	18591 2.20 8.15 17.21	227971 26.92
SR8	7201 0.85 10.37 11.73	3557 0.42 5.12 2.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	347 0.04 0.50 0.44	6681 0.79 9.62 2.16	51623 6.10 74.38 47.78	69409 8.19
TOTAL	61395 7.25	133393 15.75	65464 7.73	58180 6.87	32053 3.78	78924 9.32	309535 36.55	108040 12.76	846984 100.00

APPENDIX TABLE L-18  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	11592 4.46 43.58 63.24	2415 0.93 9.08 7.96	225 0.09 0.85 1.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	225 0.09 0.85 1.74	1546 0.59 5.81 2.11	10594 4.07 39.83 13.00	26558 10.23
SR2	1684 0.65 3.29 9.19	14396 5.53 28.15 47.43	4986 1.92 9.75 28.59	2146 0.82 4.20 17.55	1123 0.43 2.19 8.06	891 0.34 1.74 6.88	12679 4.87 24.79 17.30	13240 5.09 25.89 16.24	51144 19.67
SR3	71 0.03 0.63 0.39	1929 0.74 17.15 6.36	4188 1.61 37.24 24.02	635 0.24 5.65 5.19	1200 0.46 10.67 8.62	235 0.09 2.09 1.82	1059 0.41 9.41 1.44	1929 0.74 17.15 2.37	11247 4.32
SR4	2124 0.82 7.62 11.59	1693 0.65 6.08 5.58	3263 1.25 11.71 18.71	7389 2.84 26.52 60.41	308 0.12 1.10 2.21	2217 0.85 7.96 17.11	5387 2.07 19.34 7.35	5480 2.11 19.67 6.72	27861 10.71
SR5	569 0.22 2.28 3.11	2206 0.85 8.85 7.27	1305 0.50 5.23 7.48	498 0.19 2.00 4.07	8468 3.25 33.97 60.80	1067 0.41 4.28 8.24	3653 1.40 14.65 4.98	7163 2.75 28.73 8.79	24928 9.55
SR6	527 0.20 2.23 2.87	1105 0.42 4.68 3.64	3144 1.21 13.32 18.03	238 0.09 1.01 1.95	1054 0.41 4.46 7.57	4487 1.72 19.01 34.63	5552 2.15 23.69 7.63	7461 2.87 31.61 9.15	23608 9.08
SR7	1682 0.65 2.24 9.18	5022 1.93 6.68 16.55	244 0.09 0.32 1.40	1243 0.48 1.65 10.17	1585 0.61 2.11 11.38	3096 1.19 4.12 23.90	40959 15.74 54.44 55.87	21406 8.23 28.45 26.26	75237 28.93
SR8	82 0.03 0.42 0.45	1585 0.61 8.16 5.22	82 0.03 0.42 0.47	82 0.03 0.42 0.67	191 0.07 0.98 1.37	738 0.28 3.80 5.69	2432 0.94 12.52 3.32	14239 5.47 73.28 17.47	19431 7.47
TOTAL	18331 7.05	30351 11.67	17437 6.71	12231 4.70	13928 5.36	12957 4.98	73306 28.19	81512 31.34	260055 100.00

APPENDIX TABLE L-19  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BICYCLING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	36473 1.41 100.00 97.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	36473 1.41
SR2	1025 0.04 0.29 2.73	351289 13.57 98.64 99.69	0 0.00 0.00 0.00	256 0.01 0.07 0.06	513 0.02 0.14 0.05	256 0.01 0.07 0.12	2819 0.11 0.79 0.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	356759 13.76
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	352504 13.60 99.55 99.43	1611 0.06 0.45 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	354115 13.66
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	423921 16.35 99.36 98.42	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2717 0.10 0.64 1.49	426638 16.46
SR5	0 0.00 0.00 0.00	264 0.01 0.04 0.07	1322 0.05 0.22 0.37	4761 0.18 0.77 1.11	581609 22.43 94.58 99.39	7670 0.30 1.25 3.51	0 0.00 0.00 0.00	19308 0.74 3.14 10.57	0 0.00 0.00 0.00	614934 23.72
SR6	0 0.00 0.00 0.00	175 0.01 0.08 0.05	698 0.03 0.33 0.20	175 0.01 0.08 0.04	2619 0.10 1.22 0.45	210038 8.10 97.96 96.17	175 0.01 0.08 0.04	524 0.02 0.24 0.29	0 0.00 0.00 0.00	214403 8.27
SR7	0 0.00 0.00 0.00	662 0.03 0.15 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	442 0.02 0.10 0.08	442 0.02 0.10 0.20	427496 16.49 99.54 99.30	442 0.02 0.10 0.24	0 0.00 0.00 0.00	429483 16.57
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	159631 6.16 100.00 87.41	0 0.00 0.00 0.00	159631 6.16
TOTAL	37498 1.45	352991 13.62	354525 13.68	430723 16.61	585182 22.57	218406 8.42	430490 16.61	182621 7.04	2592436 100.00	

APPENDIX TABLE L-20  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BASEBALL/SOFTBALL  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	38178 4.55 93.76 98.33	175 0.02 0.43 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1138 0.14 2.80 0.57	0 0.00 0.00 0.00	263 0.03 0.65 0.15	963 0.11 2.37 3.21	40717 4.86
SR2	191 0.02 0.13 0.49	134029 15.99 91.28 97.75	96 0.01 0.07 0.19	191 0.02 0.13 0.24	151 0.02 0.13 0.10	956 0.11 0.65 0.75	3442 0.41 2.34 1.98	7743 0.92 5.27 25.79	146839 17.52
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	48477 5.78 97.39 94.59	217 0.03 0.44 0.27	434 0.05 0.87 0.22	434 0.05 0.87 0.34	217 0.03 0.44 0.12	0 0.00 0.00 0.00	49779 5.94
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1890 0.23 2.25 3.69	78360 9.35 93.13 98.21	1890 0.23 2.25 0.94	1334 0.16 1.59 1.05	667 0.08 0.79 0.38	0 0.00 0.00 0.00	84140 10.04
SR5	0 0.00 0.00 0.00	84 0.01 0.04 0.06	585 0.07 0.28 1.15	757 0.09 0.36 0.95	194729 23.23 93.54 97.14	11014 1.31 5.29 8.67	1009 0.12 0.48 0.58	0 0.00 0.00 0.00	208182 24.84
SR6	459 0.05 0.39 1.18	1048 0.13 0.88 0.76	197 0.02 0.17 0.38	262 0.03 0.22 0.33	1245 0.15 1.05 0.62	110517 13.18 93.31 86.98	2227 0.27 1.88 1.28	2489 0.30 2.10 8.29	118444 14.13
SR7	0 0.00 0.00 0.00	1285 0.15 0.74 0.94	0 0.00 0.00 0.00	0 0.00 0.00 0.00	756 0.09 0.44 0.36	2646 0.32 1.53 2.08	165543 19.74 95.97 95.31	2268 0.27 1.31 7.55	172497 20.58
SR8	0 0.00 0.00 0.00	492 0.06 2.79 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	82 0.01 0.47 0.04	164 0.02 0.93 0.13	328 0.04 1.86 0.19	16567 1.98 93.95 55.17	17633 2.10
TOTAL	38828 4.63	137114 16.36	51247 6.11	79787 9.52	200465 23.92	127065 15.16	173695 20.72	30031 3.58	838232 100.00

APPENDIX TABLE L-21  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN GOLF  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	67035 5.62 99.23 98.05	522 0.04 0.77 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	67557 5.66
SR2	0 0.00 0.00 0.00	125113 10.48 95.81 89.09	2106 0.18 1.61 2.33	421 0.04 0.32 0.19	562 0.05 0.43 0.24	140 0.01 0.11 0.11	2247 0.19 1.72 0.94	0 0.00 0.00 0.00	130589 10.94
SR3	1079 0.09 1.18 1.58	360 0.03 0.39 0.26	86575 7.25 94.63 95.77	1919 0.16 2.10 0.86	120 0.01 0.13 0.05	1079 0.09 1.18 0.87	360 0.03 0.39 0.15	0 0.00 0.00 0.00	91491 7.66
SR4	179 0.01 0.08 0.26	715 0.06 0.33 0.51	0 0.00 0.00 0.00	212146 17.77 97.94 94.73	1966 0.16 0.91 0.84	0 0.00 0.00 0.00	1251 0.10 0.58 0.52	357 0.03 0.17 0.49	216614 18.15
SR5	0 0.00 0.00 0.00	7185 0.60 2.95 5.12	118 0.01 0.05 0.13	8010 0.67 3.29 3.58	222036 18.60 91.11 94.65	6007 0.50 2.46 4.83	353 0.03 0.14 0.15	0 0.00 0.00 0.00	243709 20.42
SR6	79 0.01 0.06 0.11	550 0.05 0.42 0.39	1492 0.12 1.14 1.65	707 0.06 0.54 0.32	8793 0.74 6.73 3.75	113923 9.55 87.20 91.58	4868 0.41 3.73 2.04	236 0.02 0.18 0.32	130646 10.94
SR7	0 0.00 0.00 0.00	5991 0.50 2.48 4.27	107 0.01 0.04 0.12	749 0.06 0.31 0.33	749 0.06 0.31 0.32	2995 0.25 1.24 2.41	230009 19.27 95.30 96.20	749 0.06 0.31 1.03	241349 20.22
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	371 0.03 0.52 0.16	247 0.02 0.34 0.20	0 0.00 0.00 0.00	71169 5.96 99.14 98.15	71787 6.01
TOTAL	68372 5.73	140435 11.76	90398 7.57	223951 18.76	234596 19.65	124392 10.42	239088 20.03	72511 6.07	1193742 100.00

APPENDIX TABLE L-22  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TENNIS  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	15968 3.35 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15968 3.35 100.00 100.00
SR2	0 0.00 0.00 0.00	79454 16.67 59.25 99.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	596 0.13 0.75 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	80050 16.79 100.00 100.00
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	22874 4.80 95.06 97.16	594 0.12 2.47 0.86	594 0.12 2.47 0.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24062 5.05 100.00 100.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	66246 13.90 100.00 96.10	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	66246 13.90 100.00 100.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	269 0.06 0.18 1.14	1827 0.38 1.20 2.65	131993 27.69 86.97 98.67	2365 0.50 1.56 6.34	269 0.06 0.18 0.45	15048 3.16 9.92 26.13	0 0.00 0.00 0.00	151771 31.84 100.00 100.00
SR6	0 0.00 0.00 0.00	166 0.03 0.47 0.21	399 0.08 1.12 1.70	0 0.00 0.00 0.00	399 0.08 1.12 0.30	34760 7.29 97.30 93.15	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35725 7.50 100.00 100.00
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	265 0.06 0.42 0.39	190 0.04 0.30 0.14	190 0.04 0.30 0.51	59640 12.51 93.97 99.55	3185 0.67 5.02 5.53	0 0.00 0.00 0.00	63469 13.32 100.00 100.00
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39346 8.25 100.00 68.33	0 0.00 0.00 0.00	39346 8.25 100.00 100.00
TOTAL	15968 3.35	79620 16.70	23542 4.94	68933 14.46	133773 28.07	37315 7.83	59908 12.57	57579 12.08	0 0.00	476637 100.00



APPENDIX TABLE L-23  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN JOGGING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	24894 2.62 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24894 2.62
SR2	0 0.00 0.00 0.00	164402 17.30 90.82 98.79	2748 0.29 1.52 8.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	125 0.01 0.07 0.07	13742 1.45 7.59 10.82	181017 19.06
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29090 3.06 100.00 87.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29090 3.06
SR4	0 0.00 0.00 0.00	1271 0.13 0.99 0.76	0 0.00 0.00 0.00	124232 13.07 96.76 99.62	1271 0.13 0.99 0.57	347 0.04 0.27 0.60	1271 0.13 0.99 0.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	128392 13.52
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1359 0.14 0.61 4.09	0 0.00 0.00 0.00	216849 22.82 97.19 96.74	4703 0.49 2.11 8.12	0 0.00 0.00 0.00	209 0.02 0.09 0.16	0 0.00 0.00 0.00	223119 23.49
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5567 0.59 9.56 2.48	52668 5.54 90.44 90.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	58235 6.13
SR7	0 0.00 0.00 0.00	748 0.08 0.39 0.45	0 0.00 0.00 0.00	476 0.05 0.25 0.38	476 0.05 0.25 0.21	204 0.02 0.11 0.35	190274 20.03 98.59 99.27	816 0.09 0.42 0.64	0 0.00 0.00 0.00	192993 20.32
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	112195 11.81 100.00 88.37	0 0.00 0.00 0.00	112195 11.81
TOTAL	24894 2.62	166421 17.52	33197 3.49	124708 13.13	224163 23.60	57921 6.10	191670 20.18	126962 13.37	0 0.00	949936 100.00

APPENDIX TABLE L-24  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SAILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1151 1.99 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1151 1.99
SR2	0 0.00 0.00 0.00	15091 26.04 61.04 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9633 16.63 38.96 26.49	0 0.00 0.00 0.00	24724 42.67
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4385 7.57 100.00 92.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4385 7.57
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	285 0.49 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	285 0.49
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	346 0.60 100.00 7.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	346 0.60
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26736 46.14 100.00 73.51	0 0.00 0.00 0.00	26736 46.14
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	314 0.54 100.00 100.00	314 0.54
TOTAL	1151 1.99	15091 26.04	4731 8.17	0 0.00	285 0.49	0 0.00	36369 62.77	314 0.54	314 0.54	57941 100.00

APPENDIX TABLE L-25  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CANOEING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	668 2.08 95.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29 0.09 4.10 1.88	697 2.18
SR2	0 0.00 0.00 0.00	669 2.08 24.19 100.00	762 2.37 27.56 20.34	190 0.59 6.86 9.68	955 2.97 34.54 71.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	190 0.59 6.86 5.58	0 0.00 0.00 0.00	2764 8.66
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2833 8.81 90.95 75.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	282 0.88 9.05 1.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3115 9.76
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	149 0.46 3.89 3.99	1770 5.50 46.11 90.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	592 1.84 15.42 3.18	442 1.38 11.53 13.03	885 2.75 23.06 58.30	3838 12.03
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	388 1.21 50.00 28.91	98 0.30 12.61 0.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	290 0.90 37.39 19.13	776 2.43
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17643 54.86 100.00 54.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17643 55.29
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2764 8.59 100.00 81.39	0 0.00 0.00 0.00	2764 8.66
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	314 0.98 100.00 20.69	314 0.98
TOTAL	668 2.09	669 2.10	3744 11.73	1959 6.14	1343 4.21	18614 58.33	3396 10.64	1518 4.76	31911 100.00	

APPENDIX TABLE L-26  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HIKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	5349 5.00 77.03 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1595 1.49 22.97 10.74	6944 6.50
SR2	0 0.00 0.00 0.00	1653 1.55 81.25 58.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	381 0.36 18.75 2.57	2034 1.90
SR3	0 0.00 0.00 0.00	274 0.26 25.00 9.65	821 0.77 75.00 46.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1095 1.02
SR4	0 0.00 0.00 0.00	301 0.28 5.90 10.63	0 0.00 0.00 0.00	4813 4.50 94.10 98.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5114 4.78
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	963 0.90 2.78 53.97	0 0.00 0.00 0.00	33650 31.48 97.22 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	34613 32.38
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9501 8.89 98.19 97.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	175 0.16 1.81 1.18	9676 9.05
SR7	0 0.00 0.00 0.00	608 0.57 1.67 21.45	0 0.00 0.00 0.00	76 0.07 0.21 1.56	0 0.00 0.00 0.00	228 0.21 0.63 2.35	33787 31.61 92.89 100.00	1673 1.57 4.60 11.26	36373 34.03	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11033 10.32 100.00 74.26	11033 10.32
TOTAL	5349 5.00	2836 2.65	1784 1.67	4889 4.57	33650 31.48	9729 9.10	33787 31.61	14857 13.90	106882 100.00	

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APPENDIX TABLE L-27  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSEBACK RIDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	200 0.12 10.68 9.42	200 0.12 10.68 0.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1475 0.92 78.64 9.75	1876 1.17	
SR2	1927 1.20 5.46 90.58	31322 19.49 88.80 96.96	1708 1.06 4.84 24.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	318 0.20 0.90 2.10	35275 21.94	
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5152 3.20 100.00 73.01	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5152 3.20	
SR4	0 0.00 0.00 0.00	164 0.10 0.54 0.51	0 0.00 0.00 0.00	27938 17.38 92.39 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	723 0.45 2.39 3.47	0 0.00 0.00 0.00	1413 0.88 4.67 9.34	30239 18.81
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15935 9.91 98.79 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	195 0.12 1.21 1.29	16130 10.03	
SR6	0 0.00 0.00 0.00	197 0.12 0.95 0.61	197 0.12 0.95 2.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20062 12.48 96.80 96.16	0 0.00 0.00 0.00	271 0.17 1.31 1.79	20726 12.89	
SR7	0 0.00 0.00 0.00	422 0.26 0.98 1.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	78 0.05 0.18 0.37	39403 24.51 51.62 100.00	3107 1.93 7.22 20.53	43009 26.75	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8353 5.20 100.00 55.20	8353 5.20	
TOTAL	2127 1.32	32305 20.10	7057 4.39	27938 17.38	15935 9.91	20863 12.98	39403 24.51	15132 9.41	160760 100.00	

APPENDIX TABLE L-28  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ARCHERY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	3444 17.18 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3444 17.18
SR2	0 0.00 0.00 0.00	6192 30.89 95.83 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	270 1.35 4.17 25.68	6462 32.24
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	389 1.94 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	389 1.94
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2903 14.48 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2903 14.48
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	391 1.95 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	391 1.95
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5676 28.32 93.51 100.00	394 1.96 6.49 37.48	6070 30.28	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	387 1.93 100.00 36.84	387 1.93	
TOTAL	3444 17.18	6192 30.89	0 0.00	389 1.94	2903 14.48	391 1.95	5676 28.32	1050 5.24	20046 100.00	

APPENDIX TABLE L-29  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	2717 3.04 95.10 93.94	140 0.16 4.90 0.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2857 3.20
SR2	175 0.20 1.36 6.06	11796 13.21 91.70 71.61	0 0.00 0.00 0.00	358 0.40 2.79 1.65	267 0.30 2.07 1.77	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	267 0.30 2.07 17.86	12864 14.40
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	608 0.68 88.57 19.02	78 0.09 11.43 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	686 0.77
SR4	0 0.00 0.00 0.00	1978 2.22 7.02 12.01	917 1.03 3.25 28.71	21328 23.89 75.65 97.95	2135 2.39 7.57 14.18	0 0.00 0.00 0.00	1834 2.05 6.51 7.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28193 31.57
SR5	0 0.00 0.00 0.00	731 0.82 6.32 4.44	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10837 12.14 93.68 71.99	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11568 12.95
SR6	0 0.00 0.00 0.00	76 0.08 1.94 0.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	221 0.25 5.67 1.47	3453 3.87 88.65 97.68	145 0.16 3.73 0.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3895 4.36
SR7	0 0.00 0.00 0.00	1752 1.96 6.22 10.63	1669 1.87 5.93 52.27	0 0.00 0.00 0.00	1594 1.79 5.66 10.59	82 0.09 0.29 2.32	22914 25.67 81.35 92.05	157 0.18 0.56 10.53	0 0.00 0.00 0.00	28169 31.54
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1070 1.20 100.00 71.61	1070 1.20
TOTAL	2892 3.24	16472 18.45	3194 3.58	21765 24.37	15055 16.86	3535 3.96	24893 27.88	1494 1.67	0 0.00	89302 100.00

APPENDIX TABLE L-30  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SOCCER  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR2	0 0.00 0.00 0.00	1888 7.05 62.48 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1133 4.23 37.52 100.00	3021 11.28
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 5.75 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1539 5.75
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 19429 72.56 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19429 72.56
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2786 10.41 100.00 100.00	0 0.00 0.00 0.00	2786 10.41
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
TOTAL	0 0.00	1888 7.05	0 0.00	0 0.00	1539 5.75	19429 72.56	2786 10.41	1133 4.23	100.00	26775



APPENDIX TABLE L-31  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSESHOES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1990

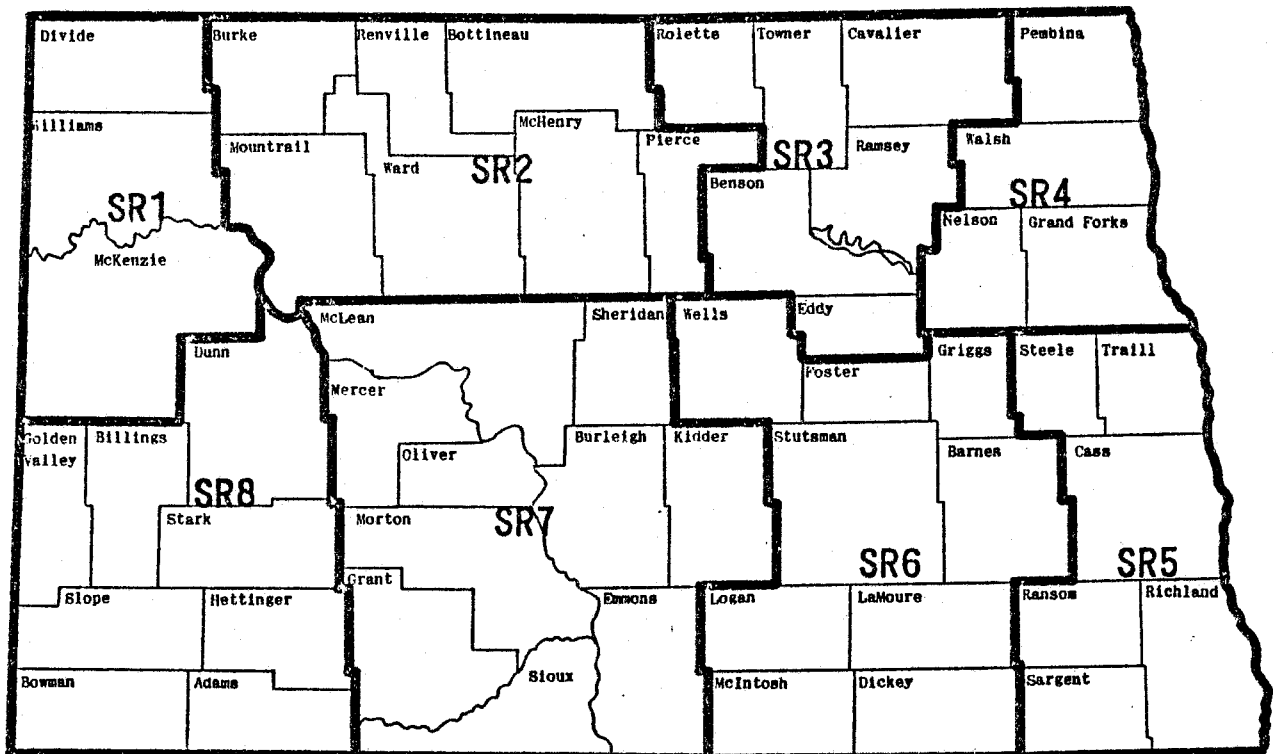
FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	333 0.99 41.78 100.00	464 1.37 58.22 34.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	797 2.36
SR2	0 0.00 0.00 0.00	820 2.43 71.47 60.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	327 0.97 28.53 2.05	0 0.00 0.00 0.00	1147 3.39
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2581 7.64 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2581 7.64
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3815 11.29 100.00 95.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3815 11.29
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	194 0.57 7.14 4.83	2517 7.45 92.86 94.03	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2711 8.02
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3853 11.40 98.43 88.99	0 0.00 0.00 0.00	61 0.18 1.57 2.41	3914 11.59
SR7	0 0.00 0.00 0.00	78 0.23 0.47 5.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	160 0.47 0.97 5.97	476 1.41 2.88 11.01	15166 44.88 91.82 95.07	636 1.88 3.85 25.05	16517 48.89
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	460 1.36 19.96 2.88	1843 5.45 80.04 72.54	2302 6.81
TOTAL	333 0.99	1362 4.03	2581 7.64	4009 11.87	2677 7.92	4329 12.81	15953 47.22	2540 7.52	33784 100.00



APPENDIX M  
DISTRIBUTION OF TOTAL NUMBER OF DAYS  
OF PARTICIPATION BY POPULATION, 1995

In 1995, residents of SR1 will participate in upland game hunting 31,333 days in SR1 (first value in SR1, SR1 component of Appendix Table M-1), 3,932 days in SR2 (first value in SR1, SR2 component of table), and 655 days in SR8 (first value in SR1, SR8 component of table) for a total of 35,920 days (row total for SR1). Residents of the state will hunt upland game a total of 598,008 days (total in lower right hand column). Of those 598,008 days, 31,333 or 5.24 percent (second value in SR1, SR1 component of table) will occur in SR1 by residents of SR1.

Of all days of participation in upland game hunting by residents of SR1 (35,920), 87.23 percent (third value in SR1, SR1 component of table) will occur in the home region (SR1), while 10.95 percent (third value in SR1, SR2 component of table) will occur in SR2. Of the 51,094 days of participation in SR1 (total of SR1 column) 31,333 days or 61.32 percent (fourth value in SR1, SR1 component of table) will occur by residents of SR1, 8,017 days or 15.69 percent (fourth value in SR2, SR1 component of table) represent days of participation by residents of SR2, etc.



APPENDIX TABLE M-1  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN UPLAND GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	31333 5.24 87.23 61.32	3932 0.66 10.95 2.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	655 0.11 1.82 1.01	35920 6.01
SR2	8017 1.34 4.78 15.69	143322 23.96 85.47 89.44	1451 0.24 0.87 5.12	0 0.00 0.00 0.00	1145 0.19 0.68 1.61	458 0.08 0.27 1.08	10079 1.69 6.01 6.14	3207 0.54 1.91 4.95	167680 28.04
SR3	803 0.13 3.25 1.57	1338 0.22 5.41 0.84	18788 3.14 75.97 66.36	375 0.06 1.52 2.33	803 0.13 3.25 1.13	54 0.01 0.22 0.13	1659 0.28 6.71 1.01	910 0.15 3.68 1.40	24729 4.14
SR4	598 0.10 2.24 1.17	1328 0.22 4.99 0.83	3853 0.64 14.46 13.61	15477 2.59 58.10 56.19	1262 0.21 4.74 1.78	1395 0.23 5.24 3.30	1328 0.22 4.99 0.81	1395 0.23 5.24 2.15	26636 4.45
SR5	3155 0.53 3.21 6.17	4853 0.81 4.94 3.03	2487 0.42 2.53 8.79	0 0.00 0.00 0.00	66184 11.07 67.39 93.19	5581 0.93 5.68 13.19	11708 1.96 11.92 7.14	4246 0.71 4.32 6.55	98215 16.42
SR6	407 0.07 1.04 0.80	1900 0.32 4.84 1.19	475 0.08 1.21 1.68	238 0.04 0.60 1.48	1323 0.22 3.37 1.86	30438 5.09 77.46 71.91	1900 0.32 4.84 1.16	2613 0.44 6.65 4.03	39295 6.57
SR7	5306 0.89 3.40 10.39	3015 0.50 1.93 1.88	241 0.04 0.15 0.85	0 0.00 0.00 0.00	301 0.05 0.19 0.42	4402 0.74 2.82 10.40	137356 22.97 87.99 83.71	5487 0.92 3.51 8.46	156108 26.10
SR8	1475 0.25 2.98 2.89	559 0.09 1.13 0.35	1017 0.17 2.06 3.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51 0.01 0.10 0.03	46323 7.75 93.72 71.45	49425 8.26
TOTAL	51094 8.54	160248 26.80	28312 4.73	16089 2.69	71020 11.88	42328 7.08	164082 27.44	64837 10.84	598008 100.00

APPENDIX TABLE M-2  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN WATERFOWL HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	17875 2.39 82.26 79.05	3522 0.47 16.21 1.78	133 0.02 0.61 0.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	199 0.03 0.92 0.19	0 0.00 0.00 0.00	21729 2.91
SR2	1166 0.16 0.65 5.16	162474 21.74 91.17 81.89	5613 0.75 3.15 3.64	146 0.02 0.08 0.26	73 0.01 0.04 0.10	1604 0.21 0.90 1.27	6852 0.92 3.84 6.60	292 0.04 0.16 2.04	178219 23.84
SR3	0 0.00 0.00 0.00	1951 0.26 2.14 0.98	86277 11.55 94.57 56.01	1050 0.14 1.15 1.87	1425 0.19 1.56 1.98	450 0.06 0.49 0.36	0 0.00 0.00 0.00	75 0.01 0.08 0.53	91229 12.21
SR4	0 0.00 0.00 0.00	4226 0.57 4.41 2.13	27850 3.73 29.04 18.08	51799 6.93 54.01 92.36	4876 0.65 5.08 6.76	5418 0.73 5.65 4.30	1517 0.20 1.58 1.46	217 0.03 0.23 1.52	95904 12.83
SR5	1357 0.18 1.07 6.00	5586 0.75 4.40 2.82	18832 2.52 14.84 12.23	2075 0.28 1.64 3.70	64716 8.66 51.01 89.71	29206 3.91 23.02 23.17	3830 0.51 3.02 3.69	1277 0.17 1.01 8.95	126879 16.98
SR6	0 0.00 0.00 0.00	5245 0.70 5.49 2.64	4687 0.63 4.91 3.04	558 0.07 0.58 0.99	837 0.11 0.88 1.16	78056 10.45 81.72 61.93	4575 0.61 4.79 4.41	1562 0.21 1.64 10.95	95520 12.78
SR7	1449 0.19 1.19 6.41	12893 1.73 10.60 6.50	9536 1.28 7.84 6.19	458 0.06 0.38 0.82	0 0.00 0.00 0.00	10757 1.44 8.85 8.53	86511 11.58 71.14 83.32	0 0.00 0.00 0.00	121603 16.27
SR8	765 0.10 4.68 3.38	2503 0.33 15.32 1.26	1112 0.15 6.81 0.72	0 0.00 0.00 0.00	209 0.03 1.28 0.29	556 0.07 3.40 0.44	348 0.05 2.13 0.33	10845 1.45 66.38 76.01	16338 2.19
TOTAL	22612 3.03	198399 26.54	154040 20.61	56086 7.50	72137 9.65	126047 16.86	103832 13.89	14268 1.91	747420 100.00

APPENDIX TABLE M-3  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BIG GAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	10295 3.49 88.24 41.06	662 0.22 5.67 1.04	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	539 0.18 4.62 1.56	0 0.00 0.00 0.00	172 0.06 1.47 0.42	11667 3.96
SR2	3509 1.19 5.48 13.99	51839 17.59 80.89 81.69	516 0.18 0.81 2.76	516 0.18 0.81 2.34	0 0.00 0.00 0.00	2821 0.96 4.40 8.14	3681 1.25 5.74 6.78	1204 0.41 1.88 2.96	64085 21.76
SR3	175 0.06 1.03 0.70	2425 0.82 14.33 3.82	13601 4.62 80.35 72.75	125 0.04 0.74 0.57	0 0.00 0.00 0.00	0 0.00 0.00 0.00	175 0.06 1.03 0.32	425 0.14 2.51 1.04	16926 5.75
SR4	2720 0.92 7.10 10.85	2135 0.72 5.58 3.36	1722 0.58 4.50 9.21	21454 7.28 56.03 97.10	2238 0.76 5.85 6.30	3065 1.04 8.00 8.85	1550 0.53 4.05 2.85	3409 1.16 8.90 8.37	38293 13.00
SR5	1881 0.64 3.70 7.50	1437 0.49 2.83 2.26	1228 0.42 2.42 6.57	0 0.00 0.00 0.00	31720 10.76 62.38 89.21	2848 0.97 5.60 8.22	3945 1.34 7.76 7.27	7786 2.64 15.31 19.11	50846 17.26
SR6	456 0.15 1.47 1.82	518 0.18 1.67 0.82	207 0.07 0.67 1.11	0 0.00 0.00 0.00	1597 0.54 5.14 4.49	23784 8.07 76.52 68.64	1638 0.56 5.27 3.02	2882 0.98 9.27 7.08	31083 10.55
SR7	5789 1.96 9.20 23.09	4198 1.42 6.67 6.62	1422 0.48 2.26 7.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1591 0.54 2.53 4.59	42964 14.58 68.26 79.12	6974 2.37 11.08 17.12	62939 21.37
SR8	246 0.08 1.31 0.98	246 0.08 1.31 0.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	351 0.12 1.88 0.65	17886 6.07 95.50 43.90	18729 6.36
TOTAL	25072 8.51	63461 21.54	18696 6.35	22095 7.50	35555 12.07	34648 11.76	54304 18.44	40738 13.83	294569 100.00

APPENDIX TABLE M-4  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN NONGAME HUNTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	23740 6.70 90.01 85.36	1091 0.31 4.14 1.94	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1543 0.44 5.85 2.87	26374 7.44
SR2	1481 0.42 2.67 5.32	52887 14.93 95.41 94.26	64 0.02 0.12 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	258 0.07 0.46 0.78	258 0.07 0.46 0.30	483 0.14 0.87 0.90	55430 15.64
SR3	831 0.23 2.41 2.99	687 0.19 1.99 1.22	31847 8.99 92.15 87.68	687 0.19 1.99 1.91	0 0.00 0.00 0.00	217 0.06 0.63 0.65	289 0.08 0.84 0.34	0 0.00 0.00 0.00	34558 9.75
SR4	0 0.00 0.00 0.00	213 0.06 0.52 0.38	2875 0.81 7.04 7.92	35251 9.95 86.31 98.09	2290 0.65 5.61 8.87	213 0.06 0.52 0.64	0 0.00 0.00 0.00	0 0.00 0.00 0.00	40842 11.52
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	580 0.16 2.11 1.60	0 0.00 0.00 0.00	23440 6.62 85.16 90.84	580 0.16 2.11 1.75	1625 0.46 5.90 1.90	1300 0.37 4.72 2.42	27525 7.77
SR6	545 0.15 1.58 1.96	312 0.09 0.90 0.56	260 0.07 0.75 0.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	31611 8.92 91.78 95.30	1558 0.44 4.52 1.82	156 0.04 0.45 0.29	34442 9.72
SR7	622 0.18 0.73 2.24	915 0.26 1.07 1.63	696 0.20 0.82 1.91	0 0.00 0.00 0.00	73 0.02 0.09 0.28	293 0.08 0.34 0.88	81745 23.07 95.88 95.53	915 0.26 1.07 1.70	85259 24.06
SR8	592 0.17 1.18 2.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	99 0.03 0.20 0.12	49284 13.91 98.62 91.81	49974 14.10
TOTAL	27812 7.85	56105 15.83	36322 10.25	35938 10.14	25803 7.28	33171 9.36	85573 24.15	53680 15.15	354405 100.00



APPENDIX TABLE M-5  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	22554 6.42 92.63 98.25	1794 0.51 7.37 1.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	24348 6.93
SR2	272 0.08 0.25 1.18	87369 24.86 81.28 89.95	7069 2.01 6.58 13.15	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12688 3.61 11.80 13.89	91 0.03 0.08 0.86		107489 30.58
SR3	0 0.00 0.00 0.00	2475 0.70 6.28 2.55	35955 10.23 91.26 66.88	302 0.09 0.77 2.27	0 0.00 0.00 0.00	362 0.10 0.92 1.01	0 0.00 0.00 0.00	302 0.09 0.77 2.86		39396 11.21
SR4	0 0.00 0.00 0.00	130 0.04 0.51 0.13	7269 2.07 28.72 13.52	13012 3.70 51.41 97.73	4283 1.22 16.92 16.19	617 0.18 2.44 1.71	0 0.00 0.00 0.00	0 0.00 0.00 0.00		25310 7.20
SR5	129 0.04 0.51 0.56	0 0.00 0.00 0.00	997 0.28 3.98 1.86	0 0.00 0.00 0.00	21715 6.18 86.76 82.05	2059 0.59 8.23 5.72	129 0.04 0.51 0.14	0 0.00 0.00 0.00		25028 7.12
SR6	0 0.00 0.00 0.00	612 0.17 1.66 0.63	350 0.10 0.95 0.65	0 0.00 0.00 0.00	466 0.13 1.26 1.76	31351 8.92 84.93 87.05	2593 0.74 7.02 2.84	1544 0.44 4.18 14.61		36916 10.50
SR7	0 0.00 0.00 0.00	4639 1.32 5.54 4.78	2121 0.60 2.53 3.94	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1292 0.37 1.54 3.59	75750 21.55 90.39 82.94	0 0.00 0.00 0.00		83802 23.84
SR8	0 0.00 0.00 0.00	111 0.03 1.20 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	333 0.09 3.60 0.93	167 0.05 1.80 0.18	8635 2.46 93.39 81.68		9246 2.63
TOTAL	22955 6.53	97130 27.63	53760 15.29	13314 3.79	26464 7.53	36014 10.24	91327 25.98	10572 3.01		351535 100.00

APPENDIX TABLE M-6  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CROSS-COUNTRY SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	4696 1.71 93.80 100.00	58 0.02 1.16 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	252 0.09 5.04 0.39	0 0.00 0.00 0.00	5007 1.82
SR2	0 0.00 0.00 0.00	26097 9.49 100.00 88.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26097 9.49
SR3	0 0.00 0.00 0.00	485 0.18 2.95 1.64	15975 5.81 97.05 97.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16460 5.98
SR4	0 0.00 0.00 0.00	823 0.30 1.95 2.79	213 0.08 0.50 1.30	39467 14.35 93.23 96.77	1128 0.41 2.67 1.60	0 0.00 0.00 0.00	91 0.03 0.22 0.14	610 0.22 1.44 2.11	42334 15.39
SR5	0 0.00 0.00 0.00	800 0.29 1.12 2.71	267 0.10 0.37 1.62	267 0.10 0.37 0.65	68946 25.06 96.74 97.91	0 0.00 0.00 0.00	987 0.36 1.38 1.54	0 0.00 0.00 0.00	71266 25.91
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	294 0.11 1.43 0.72	121 0.04 0.59 0.17	20135 7.32 97.98 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20549 7.47
SR7	0 0.00 0.00 0.00	1169 0.42 1.79 3.56	0 0.00 0.00 0.00	758 0.28 1.16 1.86	221 0.08 0.34 0.31	0 0.00 0.00 0.00	62859 22.85 96.37 97.93	221 0.08 0.34 0.77	65228 23.71
SR8	0 0.00 0.00 0.00	113 0.04 0.40 0.38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28015 10.18 99.60 97.12	28127 10.23
TOTAL	4696 1.71	29545 10.74	16455 5.98	40785 14.83	70416 25.60	20135 7.32	64189 23.34	28846 10.49	275068 100.00

APPENDIX TABLE M-7  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN DOWNHILL SKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	478 0.36 11.29 88.04	3752 2.84 88.71 5.34	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4230 3.20
SR2	0 0.00 0.00 0.00	50001 37.85 100.00 71.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50001 37.84
SR3	0 0.00 0.00 0.00	6084 4.61 24.02 8.66	17078 12.93 67.43 93.49	2165 1.64 8.55 8.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25327 19.17
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	849 0.64 3.32 4.65	23165 17.54 90.46 89.79	1345 1.02 5.25 21.17	0 0.00 0.00 0.00	248 0.19 0.97 11.97	0 0.00 0.00 0.00	25608 19.38
SR5	0 0.00 0.00 0.00	64 0.05 1.56 0.09	64 0.05 1.56 0.35	192 0.15 4.68 0.74	3527 2.67 85.97 55.50	0 0.00 0.00 0.00	192 0.15 4.68 9.27	64 0.05 1.56 4.13	4102 3.10
SR6	65 0.05 0.62 11.96	1725 1.31 16.56 2.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1345 1.02 12.91 21.16	7279 5.51 69.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10413 7.88
SR7	0 0.00 0.00 0.00	8643 6.54 78.83 12.30	277 0.21 2.52 1.51	277 0.21 2.52 1.07	138 0.10 1.26 2.18	0 0.00 0.00 0.00	1630 1.23 14.86 78.76	0 0.00 0.00 0.00	10964 8.30
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1484 1.12 100.00 95.87	1484 1.12
TOTAL	542 0.41	70269 53.18	18268 13.83	25799 19.53	6354 4.81	7279 5.51	2069 1.57	1548 1.17	132129 100.00

APPENDIX TABLE M-8  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SNOWMOBILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	113713 7.97 95.50 97.37	4893 0.34 4.11 1.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	466 0.03 0.39 0.39	119072 8.35
SR2	1299 0.09 0.36 1.11	351745 24.66 97.08 95.80	3341 0.23 0.92 1.64	3527 0.25 0.97 2.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2413 0.17 0.67 1.20	0 0.00 0.00 0.00	362325 25.39
SR3	0 0.00 0.00 0.00	1246 0.09 0.64 0.34	188152 13.19 97.28 92.25	3461 0.24 1.79 2.22	0 0.00 0.00 0.00	138 0.01 0.07 0.15	0 0.00 0.00 0.00	415 0.03 0.21 0.35	193413 13.56
SR4	0 0.00 0.00 0.00	3170 0.22 1.97 0.86	8007 0.56 4.98 3.93	146635 10.28 91.28 94.21	2002 0.14 1.25 1.19	667 0.05 0.42 0.70	167 0.01 0.10 0.08	0 0.00 0.00 0.00	160648 11.26
SR5	0 0.00 0.00 0.00	1512 0.11 0.87 0.41	378 0.03 0.22 0.19	2016 0.14 1.16 1.30	163534 11.46 94.40 97.03	5166 0.36 2.98 5.45	504 0.04 0.29 0.25	126 0.01 0.07 0.11	173235 12.14
SR6	850 0.06 0.97 0.73	1889 0.13 2.16 0.51	661 0.05 0.76 0.32	0 0.00 0.00 0.00	2645 0.19 3.02 1.57	79920 5.60 91.36 84.24	1417 0.10 1.62 0.70	94 0.01 0.11 0.08	87478 6.13
SR7	591 0.04 0.28 0.51	2716 0.19 1.27 0.74	3425 0.24 1.60 1.66	0 0.00 0.00 0.00	354 0.02 0.17 0.21	8976 0.63 4.19 9.46	196762 13.79 91.94 97.71	1181 0.08 0.55 1.00	214005 15.00
SR8	328 0.02 0.28 0.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	109 0.01 0.09 0.05	116175 8.14 99.62 98.07	116613 8.17
TOTAL	116781 8.18	367171 25.73	203965 14.30	155639 10.91	168535 11.81	94867 6.65	201372 14.11	118458 8.30	1426788 100.00

APPENDIX TABLE M-9  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SLEDDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	55043 7.38 99.07 95.91	444 0.06 0.80 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	74 0.01 0.13 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	55561 7.45
SR2	0 0.00 0.00 0.00	119170 15.97 98.64 99.05	0 0.00 0.00 0.00	346 0.05 0.29 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1296 0.17 1.07 0.73	0 0.00 0.00 0.00	120812 16.19
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56360 7.55 98.90 98.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	625 0.08 1.10 1.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56985 7.64
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	781 0.10 0.72 1.36	106667 14.30 98.63 99.54	703 0.09 0.65 0.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	108152 14.49
SR5	2031 0.27 1.66 3.54	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	118530 15.89 96.76 98.98	353 0.05 0.29 0.64	1590 0.21 1.30 0.90	0 0.00 0.00 0.00	122505 16.42
SR6	196 0.03 0.35 0.34	245 0.03 0.44 0.20	245 0.03 0.44 0.43	0 0.00 0.00 0.00	441 0.06 0.79 0.37	54152 7.26 96.76 98.22	685 0.09 1.22 0.39	0 0.00 0.00 0.00	55964 7.50
SR7	0 0.00 0.00 0.00	449 0.06 0.26 0.37	0 0.00 0.00 0.00	150 0.02 0.09 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	173194 23.21 99.44 97.98	374 0.05 0.21 0.71	174167 23.34
SR8	118 0.02 0.23 0.21	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	51991 6.97 99.77 99.29	52109 6.98
TOTAL	57388 7.69	120307 16.12	57386 7.69	107163 14.36	119748 16.05	55131 7.39	176765 23.69	52365 7.02	746255 100.00

APPENDIX TABLE M-10  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ICE SKATING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	58906 7.26 99.84 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	94 0.01 0.16 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59000 7.27
SR2	0 0.00 0.00 0.00	135486 16.69 99.34 99.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	895 0.11 0.66 0.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	136381 16.80
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	86952 10.71 99.29 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	623 0.08 0.71 0.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	87574 10.79
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	152620 18.80 99.60 99.58	0 0.00 0.00 0.00	272 0.03 0.18 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	340 0.04 0.22 0.72	153232 18.87
SR5	0 0.00 0.00 0.00	160 0.02 0.11 0.12	0 0.00 0.00 0.00	320 0.04 0.22 0.21	143106 17.63 99.33 98.37	320 0.04 0.22 0.50	160 0.02 0.11 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	144065 17.75
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	63537 7.83 99.89 99.50	69 0.01 0.11 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	63606 7.83
SR7	0 0.00 0.00 0.00	402 0.05 0.33 0.30	0 0.00 0.00 0.00	322 0.04 0.26 0.21	482 0.06 0.40 0.33	0 0.00 0.00 0.00	120010 14.78 98.74 99.81	322 0.04 0.26 0.68	0 0.00 0.00 0.00	121538 14.97
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	46437 5.72 100.00 98.60	46437 5.72
TOTAL	58906 7.26	136048 16.76	86952 10.71	153262 18.88	145472 17.92	63857 7.87	120239 14.81	47098 5.80	811833 100.00	

APPENDIX TABLE M-11  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HOCKEY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	1284 0.49 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1284 0.49
SR2	0 0.00 0.00 0.00	20375 7.72 85.71 95.93	0 0.00 0.00 0.00	2449 0.93 10.30 2.67	946 0.36 3.98 1.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	23771 9.01
SR3	0 0.00 0.00 0.00	307 0.12 1.04 1.45	27284 10.34 92.60 95.52	1475 0.56 5.01 1.61	307 0.12 1.04 0.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	92 0.03 0.31 3.39	29465 11.17
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	165 0.06 0.20 0.58	81405 30.85 98.35 88.76	1199 0.45 1.45 2.28	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	82768 31.37
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4598 1.74 8.13 5.01	50175 19.01 88.73 95.34	521 0.20 0.92 1.32	736 0.28 1.30 2.81	521 0.20 0.92 19.17	521 0.20 0.92 19.17	56551 21.43
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	442 0.17 1.11 0.48	0 0.00 0.00 0.00	39011 14.78 97.79 98.68	442 0.17 1.11 1.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39895 15.12
SR7	0 0.00 0.00 0.00	558 0.21 1.99 2.63	1115 0.42 3.98 3.91	1345 0.51 4.80 1.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25000 9.47 89.23 95.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28018 10.62
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2105 0.80 100.00 77.44	2105 0.80
TOTAL	1284 0.49	21240 8.05	28564 10.83	91714 34.76	52627 19.95	39532 14.98	26177 9.92	2718 1.03	2718 1.03	263857 100.00

APPENDIX TABLE M-12  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN FISHING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	69613 5.26 78.13 79.16	11514 0.87 12.92 4.54	177 0.01 0.20 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7794 0.59 8.75 9.98	89097 6.74
SR2	5462 0.41 1.48 6.21	219590 16.61 59.69 86.49	15742 1.19 4.28 11.31	1124 0.09 0.31 1.64	4658 0.35 1.27 5.51	3534 0.27 0.96 2.49	117264 8.87 31.88 25.02	482 0.04 0.13 0.62	367857 27.82
SR3	890 0.07 1.17 1.01	2796 0.21 3.67 1.10	69256 5.24 90.98 49.77	762 0.06 1.00 1.11	0 0.00 0.00 0.00	890 0.07 1.17 0.63	0 0.00 0.00 0.00	1525 0.12 2.00 1.95	76118 5.76
SR4	206 0.02 0.16 0.23	1029 0.08 0.82 0.41	32095 2.43 25.45 23.07	63367 4.79 50.24 92.60	15019 1.14 11.91 17.78	11110 0.84 8.81 7.83	2469 0.19 1.96 0.53	823 0.06 0.65 1.05	126117 9.54
SR5	1720 0.13 1.77 1.96	2647 0.20 2.72 1.04	7808 0.59 8.02 5.61	662 0.05 0.68 0.97	59286 4.48 60.87 70.18	14689 1.11 15.08 10.35	8469 0.64 8.70 1.81	2117 0.16 2.17 2.71	97399 7.36
SR6	1074 0.08 0.83 1.22	3670 0.28 2.82 1.45	7072 0.53 5.44 5.08	716 0.05 0.55 1.05	2148 0.16 1.65 2.54	107598 8.14 82.78 75.81	5819 0.44 4.48 1.24	1680 0.14 1.45 2.41	129978 9.83
SR7	674 0.05 0.19 0.77	9663 0.73 2.75 3.81	6742 0.51 1.92 4.85	1798 0.14 0.51 2.63	3371 0.25 0.96 3.99	3483 0.26 0.99 2.45	323950 24.50 92.11 69.13	2023 0.15 0.58 2.59	351704 26.59
SR8	8298 0.63 9.85 9.44	2972 0.22 3.53 1.17	248 0.02 0.29 0.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	619 0.05 0.74 0.44	10651 0.81 12.65 2.27	61429 4.65 72.94 78.68	84217 6.37
TOTAL	87936 6.65	253880 19.20	139140 10.52	68430 5.17	84483 6.39	141924 10.73	468622 35.43	78072 5.90	1322487 100.00



APPENDIX TABLE M-13  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN POWERBOATING/WATERSKIING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	22966 2.45 93.75 66.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1531 0.16 6.25 7.62	24497 2.62
SR2	7800 0.83 2.31 22.50	233292 24.92 68.98 88.80	4208 0.45 1.24 2.68	0 0.00 0.00 0.00	3695 0.39 1.09 11.18	0 0.00 0.00 0.00	88678 9.47 26.22 31.71	513 0.05 0.15 2.55	338186 36.14
SR3	0 0.00 0.00 0.00	6435 0.69 4.79 2.45	122355 13.07 91.07 83.60	3802 0.41 2.83 3.93	780 0.08 0.58 2.36	0 0.00 0.00 0.00	975 0.10 0.73 0.35	0 0.00 0.00 0.00	134347 14.36
SR4	0 0.00 0.00 0.00	18236 1.95 12.12 6.94	17086 1.83 11.35 11.67	92987 9.93 61.79 55.99	15936 1.70 10.59 48.21	6079 0.65 4.04 9.74	0 0.00 0.00 0.00	164 0.02 0.11 0.82	150488 16.08
SR5	0 0.00 0.00 0.00	504 0.05 2.26 0.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10893 1.16 48.87 32.96	9004 0.96 40.40 14.42	1637 0.17 7.34 0.59	252 0.03 1.13 1.25	22290 2.38
SR6	0 0.00 0.00 0.00	2009 0.21 3.84 0.76	2073 0.22 3.96 1.42	0 0.00 0.00 0.00	1749 0.19 3.34 5.29	43025 4.60 82.18 68.93	3499 0.37 6.68 1.25	0 0.00 0.00 0.00	52355 5.59
SR7	951 0.10 0.50 2.74	2140 0.23 1.12 0.81	634 0.07 0.33 0.43	79 0.01 0.04 0.08	0 0.00 0.00 0.00	4202 0.45 2.21 6.73	182330 19.48 95.79 65.20	0 0.00 0.00 0.00	190337 20.34
SR8	2957 0.32 12.68 8.53	112 0.01 0.48 0.04	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	112 0.01 0.48 0.18	2508 0.27 10.75 0.90	17628 1.88 75.60 87.75	23317 2.49
TOTAL	34674 3.71	262728 28.07	146357 15.64	96868 10.35	33053 3.53	62421 6.67	279627 29.88	20089 2.15	935818 100.00

APPENDIX TABLE M-14  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BEACH SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	25098 3.13 91.67 87.56	428 0.05 1.56 0.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1854 0.23 6.77 8.93	27380 3.42
SR2	912 0.11 0.41 3.18	130251 16.26 58.62 80.33	3507 0.44 1.58 3.90	421 0.05 0.19 0.32	4629 0.58 2.08 9.94	0 0.00 0.00 0.00	81433 10.17 36.65 31.00	1052 0.13 0.47 5.07	222205 27.75
SR3	0 0.00 0.00 0.00	4404 0.55 5.26 2.72	73701 9.20 88.00 81.93	4902 0.61 5.85 3.71	0 0.00 0.00 0.00	748 0.09 0.89 1.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	83755 10.46
SR4	0 0.00 0.00 0.00	19584 2.45 11.10 12.08	12240 1.53 6.94 13.61	126808 15.83 71.88 95.97	12893 1.61 7.31 27.69	4733 0.59 2.68 8.19	163 0.02 0.05 0.06	0 0.00 0.00 0.00	176421 22.03
SR5	0 0.00 0.00 0.00	1656 0.21 4.93 1.02	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26051 3.25 77.61 55.94	2420 0.30 7.21 4.19	3057 0.38 9.11 1.16	382 0.05 1.14 1.84	33566 4.19
SR6	0 0.00 0.00 0.00	618 0.08 1.13 0.38	428 0.05 0.78 0.48	0 0.00 0.00 0.00	2957 0.37 5.49 6.44	45195 5.64 82.75 78.21	5376 0.67 9.84 2.05	0 0.00 0.00 0.00	54615 6.82
SR7	711 0.09 0.39 2.48	5212 0.65 2.87 3.21	79 0.01 0.04 0.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4027 0.50 2.22 6.97	170571 21.30 94.08 64.94	711 0.09 0.39 3.42	181311 22.64
SR8	1942 0.24 9.87 6.78	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	666 0.08 3.11 1.15	2053 0.26 9.59 0.78	16761 2.09 78.24 80.74	21423 2.68
TOTAL	28663 3.58	162153 20.25	89955 11.23	132131 16.50	46570 5.82	57790 7.22	262654 32.80	20760 2.59	800676 100.00

APPENDIX TABLE M-15  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN OUTDOOR POOL SWIMMING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	59342 4.20 100.00 92.74	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59342 4.20
SR2	3336 0.24 1.91 5.21	166822 11.80 95.36 99.76	1161 0.08 0.66 0.52	145 0.01 0.08 0.09	435 0.03 0.25 0.17	0 0.00 0.00 0.00	1306 0.09 0.75 0.48	1741 0.12 1.00 1.81		174946 12.37
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	220472 15.59 94.78 99.15	868 0.06 0.37 0.52	434 0.03 0.19 0.17	8680 0.61 3.73 5.01	0 0.00 0.00 0.00	2170 0.15 0.93 2.26		232624 16.45
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	302 0.02 0.18 0.14	163934 11.59 99.00 97.40	454 0.03 0.27 0.18	907 0.06 0.55 0.52	0 0.00 0.00 0.00	0 0.00 0.00 0.00		165598 11.71
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3368 0.24 1.30 2.00	245737 17.38 94.57 98.58	3886 0.27 1.50 2.24	777 0.05 0.30 0.28	6088 0.43 2.34 6.35		259857 18.38
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	423 0.03 0.26 0.19	0 0.00 0.00 0.00	739 0.05 0.45 0.30	159084 11.25 96.29 91.76	845 0.06 0.51 0.31	4120 0.29 2.49 4.29		165210 11.68
SR7	538 0.04 0.20 0.84	403 0.03 0.15 0.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1479 0.10 0.54 0.59	807 0.06 0.30 0.47	268581 18.99 98.28 98.13	1479 0.10 0.54 1.54		273286 19.33
SR8	770 0.05 0.92 1.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2181 0.15 2.62 0.80	80323 5.68 96.46 83.74		83274 5.85
TOTAL	63986 4.52	167226 11.83	222357 15.72	168316 11.90	249278 17.63	173364 12.26	273690 19.35	95920 6.78		1414137 100.00

APPENDIX TABLE M-16  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN PICNICKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	38154 4.73 94.02 97.42	1841 0.23 4.54 1.66	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	502 0.06 1.24 0.23	84 0.01 0.21 0.16	40580 5.03
SR2	172 0.02 0.14 0.44	92737 11.51 76.00 83.61	3864 0.48 3.17 5.70	859 0.11 0.70 0.62	3177 0.39 2.60 3.63	429 0.05 0.35 0.46	18977 2.35 15.55 8.73	1803 0.22 1.48 3.45	122018 15.14
SR3	0 0.00 0.00 0.00	1280 0.16 2.24 1.15	49690 6.16 86.97 73.29	2961 0.37 5.18 2.14	80 0.01 0.14 0.09	1600 0.20 2.80 1.73	480 0.06 0.84 0.22	1040 0.13 1.82 1.99	57131 7.09
SR4	0 0.00 0.00 0.00	288 0.04 0.18 0.26	11948 1.48 7.38 17.62	131860 16.36 81.49 95.36	9501 1.18 5.87 10.86	6190 0.77 3.83 6.68	1440 0.18 0.89 0.66	576 0.07 0.36 1.10	161802 20.08
SR5	147 0.02 0.18 0.37	1099 0.14 1.32 0.99	0 0.00 0.00 0.00	659 0.08 0.79 0.48	70323 8.72 84.36 80.35	4688 0.58 5.62 5.06	2344 0.29 2.81 1.08	4102 0.51 4.92 7.84	83362 10.34
SR6	0 0.00 0.00 0.00	831 0.10 0.94 0.75	1766 0.22 2.00 2.60	1091 0.14 1.23 0.79	2753 0.34 3.11 3.15	77177 9.57 87.21 83.27	1506 0.19 1.70 0.69	3376 0.42 3.81 6.46	88499 10.98
SR7	306 0.04 0.15 0.78	12775 1.58 6.12 11.52	535 0.07 0.26 0.79	841 0.10 0.40 0.61	1683 0.21 0.81 1.92	2218 0.28 1.06 2.39	184818 22.93 88.50 85.05	5661 0.70 2.71 10.82	208838 25.91
SR8	385 0.05 0.88 0.98	64 0.01 0.15 0.06	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	385 0.05 0.88 0.42	7246 0.90 16.57 3.33	35652 4.42 81.52 68.18	43732 5.43
TOTAL	39163 4.86	110915 13.76	67803 8.41	138271 17.16	87516 10.86	92688 11.50	217313 26.96	52294 6.49	805963 100.00

APPENDIX TABLE M-17  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CAMPING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	34006 3.85 67.21 53.40	7007 0.79 13.85 5.04	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9584 1.09 18.94 8.48	50597 5.73
SR2	15050 1.70 6.24 23.63	102242 11.58 42.39 73.52	5017 0.57 2.08 7.43	401 0.05 0.17 0.69	1605 0.18 0.67 5.02	2609 0.30 1.08 3.26	105554 11.95 43.76 32.06	8729 0.99 3.62 7.72	241208 27.31
SR3	0 0.00 0.00 0.00	7017 0.79 11.03 5.05	43955 4.98 69.07 65.09	2420 0.27 3.80 4.13	0 0.00 0.00 0.00	7339 0.83 11.53 9.17	968 0.11 1.52 0.29	1936 0.22 3.04 1.71	63635 7.21
SR4	3215 0.36 4.02 5.05	5432 0.62 6.80 3.91	9645 1.09 12.07 14.28	43346 4.91 54.23 74.06	7206 0.82 9.02 22.55	4102 0.46 5.13 5.13	1552 0.18 1.94 0.47	5432 0.62 6.80 4.81	79929 9.05
SR5	560 0.06 0.88 0.88	2238 0.25 3.50 1.61	2398 0.27 3.75 3.55	6874 0.78 10.76 11.74	22301 2.53 34.92 69.80	16546 1.87 25.91 20.68	6794 0.77 10.64 2.06	6155 0.70 9.64 5.45	63867 7.23
SR6	670 0.08 1.04 1.05	2011 0.23 3.13 1.45	4509 0.51 7.02 6.68	1219 0.14 1.90 2.08	670 0.08 1.04 2.10	39665 4.49 61.76 49.58	8774 0.99 13.66 2.66	6702 0.76 10.44 5.93	64219 7.27
SR7	2597 0.29 1.05 4.08	9381 1.06 3.81 6.75	2010 0.23 0.82 2.98	4272 0.48 1.73 7.30	168 0.02 0.07 0.52	9381 1.06 3.81 11.73	198595 22.49 80.56 60.31	20102 2.28 8.15 17.79	246506 27.91
SR8	7586 0.86 10.37 11.91	3747 0.42 5.12 2.69	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	366 0.04 0.50 0.46	7038 0.80 9.62 2.14	54383 6.16 74.38 48.12	73121 8.28
TOTAL	63684 7.21	139076 15.75	67534 7.65	58531 6.63	31950 3.62	80008 9.06	329275 37.29	113023 12.80	883081 100.00

APPENDIX TABLE M-18  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN VISITING HISTORICAL PLACES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	11914 4.42 43.58 63.49	2482 0.92 9.08 7.83	232 0.09 0.85 1.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	232 0.09 0.85 1.72	1588 0.59 5.81 2.08	10888 4.04 39.83 12.82	27335 10.14
SR2	1787 0.66 3.29 9.53	15281 5.66 28.15 48.19	5292 1.96 9.75 29.59	2278 0.84 4.20 19.01	1192 0.44 2.19 8.27	946 0.35 1.74 7.04	13458 4.99 24.75 17.59	14054 5.21 25.89 16.55	54289 20.13
SR3	72 0.03 0.63 0.38	1959 0.73 17.15 6.18	4252 1.58 37.24 23.77	645 0.24 5.65 5.38	1218 0.45 10.67 8.45	239 0.09 2.09 1.78	1075 0.40 9.41 1.40	1959 0.73 17.15 2.31	11417 4.23
SR4	1984 0.74 7.62 10.58	1582 0.59 6.08 4.99	3049 1.13 11.71 17.04	6902 2.56 26.52 57.58	288 0.11 1.10 2.00	2071 0.77 7.96 15.41	5033 1.87 19.34 6.58	5119 1.90 19.67 6.03	26028 9.65
SR5	586 0.22 2.28 3.12	2270 0.84 8.85 7.16	1342 0.50 5.23 7.50	512 0.19 2.00 4.28	8712 3.23 33.97 60.46	1098 0.41 4.28 8.17	3758 1.39 14.65 4.91	7370 2.73 28.73 8.68	25649 9.51
SR6	566 0.21 2.23 3.02	1187 0.44 4.68 3.74	3377 1.25 13.32 18.88	256 0.09 1.01 2.13	1132 0.42 4.46 7.85	4819 1.79 19.01 35.86	6006 2.23 23.69 7.85	8014 2.97 31.61 9.43	25355 9.40
SR7	1768 0.66 2.24 9.42	5278 1.96 6.68 16.64	256 0.09 0.32 1.43	1307 0.48 1.65 10.90	1665 0.62 2.11 11.56	3254 1.21 4.12 24.21	43044 15.96 54.44 56.24	22495 8.34 28.45 26.48	79067 29.32
SR8	87 0.03 0.42 0.46	1675 0.62 8.16 5.28	87 0.03 0.42 0.48	87 0.03 0.42 0.72	202 0.07 0.98 1.40	780 0.29 3.80 5.80	2570 0.95 12.52 3.36	15044 5.58 73.28 17.71	20530 7.61
TOTAL	18763 6.96	31712 11.76	17886 6.63	11987 4.44	14409 5.34	13438 4.98	76532 28.38	84943 31.50	269670 100.00

APPENDIX TABLE M-19  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BICYCLING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	37715 1.36 100.00 97.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	37715 1.36
SR2	1073 0.04 0.29 2.77	368191 13.30 98.64 59.68	0 0.00 0.00 0.00	268 0.01 0.07 0.06	536 0.02 0.14 0.09	268 0.01 0.07 0.12	2950 0.11 0.79 0.62	0 0.00 0.00 0.00	373286 13.48
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	399200 14.42 99.55 99.47	1824 0.07 0.45 0.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	401024 14.49
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	435040 15.71 99.36 58.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2789 0.10 0.64 1.41	437829 15.82
SR5	0 0.00 0.00 0.00	276 0.01 0.04 0.07	1378 0.05 0.22 0.34	4960 0.18 0.77 1.12	605905 21.89 94.58 99.38	7991 0.29 1.25 3.47	0 0.00 0.00 0.00	20114 0.73 3.14 10.20	640623 23.14
SR6	0 0.00 0.00 0.00	184 0.01 0.08 0.05	738 0.03 0.33 0.18	184 0.01 0.08 0.04	2766 0.10 1.22 0.45	221845 8.01 57.96 96.21	184 0.01 0.08 0.04	553 0.02 0.24 0.28	226455 8.18
SR7	0 0.00 0.00 0.00	738 0.03 0.15 0.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	492 0.02 0.10 0.08	492 0.02 0.10 0.21	475953 17.19 99.54 99.35	492 0.02 0.10 0.25	478165 17.27
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	173156 6.25 100.00 87.85	173156 6.26
TOTAL	38788 1.40	369388 13.34	401315 14.50	442277 15.98	609700 22.02	230595 8.33	479087 17.31	197104 7.12	2768253 100.00

APPENDIX TABLE M-20  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN BASEBALL/SOFTBALL  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	38782 4.49 93.76 98.31	178 0.02 0.43 0.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1156 0.13 2.80 0.57	0 0.00 0.00 0.00	267 0.03 0.65 0.14	978 0.11 2.37 3.06	41362 4.78
SR2	198 0.02 0.13 0.50	138817 16.05 91.28 97.68	99 0.01 0.07 0.21	198 0.02 0.13 0.25	198 0.02 0.13 0.10	990 0.11 0.65 0.76	3564 0.41 2.34 1.65	8020 0.93 5.27 25.06	152085 17.59
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	44308 5.12 97.39 94.09	198 0.02 0.44 0.25	396 0.05 0.87 0.20	396 0.05 0.87 0.30	198 0.02 0.44 0.10	0 0.00 0.00 0.00	45498 5.26
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1894 0.22 2.25 4.02	78557 9.09 93.13 98.22	1894 0.22 2.25 0.94	1337 0.15 1.59 1.03	669 0.08 0.79 0.35	0 0.00 0.00 0.00	84351 9.76
SR5	0 0.00 0.00 0.00	84 0.01 0.04 0.06	590 0.07 0.28 1.25	759 0.09 0.36 0.95	195333 22.59 93.54 97.09	11049 1.28 5.29 8.49	1012 0.12 0.48 0.53	0 0.00 0.00 0.00	208827 24.16
SR6	470 0.05 0.39 1.19	1075 0.12 0.88 0.76	202 0.02 0.17 0.43	269 0.03 0.22 0.34	1276 0.15 1.05 0.63	113313 13.10 93.31 87.03	2284 0.26 1.88 1.19	2552 0.30 2.10 7.98	121440 14.05
SR7	0 0.00 0.00 0.00	1429 0.17 0.74 1.01	0 0.00 0.00 0.00	0 0.00 0.00 0.00	841 0.10 0.44 0.42	2942 0.34 1.53 2.26	184109 21.29 95.97 95.66	2522 0.29 1.31 7.88	191843 22.19
SR8	0 0.00 0.00 0.00	532 0.06 2.79 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89 0.01 0.47 0.04	177 0.02 0.93 0.14	355 0.04 1.86 0.18	17925 2.07 93.95 56.02	19079 2.21
TOTAL	39451 4.56	142116 16.44	47094 5.45	79981 9.25	201183 23.27	130205 15.06	192458 22.26	31998 3.70	864485 100.00



APPENDIX TABLE M-21  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN GOLF  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	72491 5.71 99.23 98.21	564 0.04 0.77 0.37	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	73055 5.75
SR2	0 0.00 0.00 0.00	134589 10.60 95.81 88.92	2266 0.18 1.61 2.54	453 0.04 0.32 0.20	604 0.05 0.43 0.24	151 0.01 0.11 0.12	2417 0.19 1.72 0.90	0 0.00 0.00 0.00	140480 11.06
SR3	1060 0.08 1.18 1.44	353 0.03 0.39 0.23	85028 6.69 94.63 95.48	1884 0.15 2.10 0.82	118 0.01 0.13 0.05	1060 0.08 1.18 0.84	353 0.03 0.39 0.13	0 0.00 0.00 0.00	89856 7.07
SR4	182 0.01 0.08 0.25	730 0.06 0.33 0.48	0 0.00 0.00 0.00	216622 17.06 97.94 94.51	2007 0.16 0.91 0.79	0 0.00 0.00 0.00	1277 0.10 0.58 0.47	365 0.03 0.17 0.47	221184 17.41
SR5	0 0.00 0.00 0.00	7801 0.61 2.95 5.15	128 0.01 0.05 0.14	8696 0.68 3.29 3.79	241060 18.98 91.11 94.94	6522 0.51 2.46 5.16	384 0.03 0.14 0.14	0 0.00 0.00 0.00	264591 20.83
SR6	79 0.01 0.06 0.11	555 0.04 0.42 0.37	1507 0.12 1.14 1.69	714 0.06 0.54 0.31	8883 0.70 6.73 3.50	115079 9.06 87.20 91.00	4917 0.39 3.73 1.82	238 0.02 0.18 0.31	131972 10.39
SR7	0 0.00 0.00 0.00	6775 0.53 2.48 4.48	121 0.01 0.04 0.14	847 0.07 0.31 0.37	847 0.07 0.31 0.33	3387 0.27 1.24 2.68	260100 20.48 95.30 96.53	847 0.07 0.31 1.10	272924 21.49
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	393 0.03 0.52 0.15	262 0.02 0.34 0.21	0 0.00 0.00 0.00	75531 5.95 95.14 98.12	76187 6.00
TOTAL	73813 5.81	151367 11.92	89049 7.01	229216 18.04	253913 19.99	126462 9.96	269449 21.21	76981 6.06	1270250 100.00

APPENDIX TABLE M-22  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TENNIS  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	16696 3.27 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16696 3.27
SR2	0 0.00 0.00 0.00	88858 17.43 99.25 99.80	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	667 0.13 0.75 0.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89525 17.56
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25621 5.02 95.06 97.34	665 0.13 2.47 0.94	665 0.13 2.47 0.47	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	26952 5.29
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	67773 13.29 100.00 95.92	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	67773 13.29
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	283 0.06 0.18 1.07	1923 0.38 1.20 2.72	138883 27.24 86.97 98.61	2488 0.49 1.56 6.38	283 0.06 0.18 0.43	15834 3.11 9.92 25.97	0 0.00 0.00 0.00	159693 31.32
SR6	0 0.00 0.00 0.00	174 0.03 0.47 0.20	417 0.08 1.12 1.56	0 0.00 0.00 0.00	417 0.08 1.12 0.30	36299 7.12 97.30 93.08	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	37306 7.32
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	294 0.06 0.42 0.42	210 0.04 0.30 0.15	210 0.04 0.30 0.54	66032 12.95 93.97 99.57	3526 0.69 5.02 5.78	0 0.00 0.00 0.00	70272 13.78
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	41603 8.16 100.00 68.24	0 0.00 0.00 0.00	41603 8.16
TOTAL	16696 3.27	89032 17.46	26320 5.16	70655 13.86	140842 27.63	38997 7.65	66315 13.01	60963 11.96	509820 100.00	

APPENDIX TABLE M-23  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN JOGGING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	25269 2.42 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25269 2.42
SR2	0 0.00 0.00 0.00	171718 16.46 90.82 98.70	2871 0.28 1.52 7.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.05	130 0.01 0.07 10.66	14353 1.38 7.59 10.66	189073 18.12
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33227 3.18 100.00 88.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33227 3.18
SR4	0 0.00 0.00 0.00	1277 0.12 0.99 0.73	0 0.00 0.00 0.00	124831 11.96 56.76 59.50	1277 0.12 0.99 0.54	348 0.03 0.27 0.59	1277 0.12 0.99 0.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	129012 12.37
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1425 0.14 0.61 3.80	0 0.00 0.00 0.00	227470 21.80 97.19 96.77	4933 0.47 2.11 8.31	0 0.00 0.00 0.00	219 0.02 0.09 0.16	234047 22.43	
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5689 0.55 9.56 2.42	53817 5.16 90.44 90.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59506 5.70
SR7	0 0.00 0.00 0.00	985 0.09 0.39 0.57	0 0.00 0.00 0.00	627 0.06 0.25 0.50	627 0.06 0.25 0.27	269 0.03 0.11 0.45	250615 24.02 98.59 99.44	1074 0.10 0.42 0.80	254156 24.36	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	118983 11.40 100.00 88.38	118983 11.40	
TOTAL	25269 2.42	173980 16.68	37523 3.60	125458 12.02	235062 22.53	59368 5.69	252022 24.16	134630 12.90	1043312 100.00	

APPENDIX TABLE M-24  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SAILING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	835 1.34 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	835 1.34
SR2	0 0.00 0.00 0.00	16225 26.00 61.04 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10358 16.60 38.96 25.97	0 0.00 0.00 0.00	26583 42.60
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4522 7.25 100.00 92.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4522 7.25
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	278 0.45 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	278 0.45
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	344 0.55 100.00 7.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	344 0.55
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29530 47.32 100.00 74.03	0 0.00 0.00 0.00	29530 47.32
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	309 0.50 100.00 100.00	309 0.50
TOTAL	835 1.34	16225 26.00	4866 7.80	0 0.00	278 0.45	0 0.00	39888 63.92	309 0.50	100.00	62401 100.00

APPENDIX TABLE M-25  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN CANOEING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	666 1.94 95.90 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 0.08 4.10 1.73	695 2.04
SR2	0 0.00 0.00 0.00	692 2.01 24.19 100.00	788 2.29 27.56 18.91	196 0.57 6.86 8.75	988 2.88 34.54 71.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	196 0.57 6.86 5.39	0 0.00 0.00 0.00	2861 8.39
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3209 9.34 90.95 76.96	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	319 0.93 9.05 1.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3528 10.34
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	172 0.50 3.85 4.14	2046 5.95 46.11 91.25	0 0.00 0.00 0.00	0 0.00 0.00 0.00	684 1.99 15.42 3.48	511 1.49 11.53 14.05	1023 2.98 23.06 62.05	4437 13.01
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	385 1.12 50.00 28.05	0 0.00 0.00 0.00	97 0.28 12.61 0.49	0 0.00 0.00 0.00	288 0.84 37.39 17.47	770 2.26
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18578 54.07 100.00 94.41	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18578 54.46
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2933 8.54 100.00 80.56	0 0.00 0.00 0.00	2933 8.60
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	309 0.90 100.00 18.74	309 0.91
TOTAL	666 1.95	692 2.03	4170 12.22	2242 6.57	1373 4.03	19678 57.69	3641 10.67	1649 4.83	34111 100.00	

APPENDIX TABLE M-26  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HIKING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	5674 5.13 77.03 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1692 1.53 22.97 10.93	7366 6.66
SR2	0 0.00 0.00 0.00	1739 1.57 81.25 56.98	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	401 0.36 18.75 2.59	2140 1.93
SR3	0 0.00 0.00 0.00	287 0.26 25.00 9.41	862 0.78 75.00 48.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1149 1.04
SR4	0 0.00 0.00 0.00	370 0.33 5.90 12.14	0 0.00 0.00 0.00	5914 5.35 94.10 98.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6284 5.68
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	925 0.84 2.78 51.76	0 0.00 0.00 0.00	32308 29.21 97.22 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	33233 30.05
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9683 8.75 98.19 97.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	178 0.16 1.81 1.15	9861 8.92
SR7	0 0.00 0.00 0.00	655 0.59 1.67 21.47	0 0.00 0.00 0.00	82 0.07 0.21 1.37	0 0.00 0.00 0.00	246 0.22 0.63 2.47	36374 32.89 92.89 100.00	1801 1.63 4.60 11.64	39158 35.40	
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11410 10.32 100.00 73.70	11410 10.32
TOTAL	5674 5.13	3052 2.76	1786 1.62	5995 5.42	32308 29.21	9929 8.98	36374 32.89	15483 14.00	110601 100.00	

APPENDIX TABLE M-27  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSEBACK RIDING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	202 0.12 10.68 9.23	202 0.12 10.68 0.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1484 0.91 78.64 9.57	1887 1.16
SR2	1982 1.21 5.46 90.77	32228 19.74 88.80 96.88	1758 1.08 4.84 24.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	327 0.20 0.90 2.11	36295 22.23
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5155 3.16 100.00 72.54	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5155 3.16
SR4	0 0.00 0.00 0.00	175 0.11 0.54 0.53	0 0.00 0.00 0.00	29738 18.22 92.39 100.00	0 0.00 0.00 0.00	770 0.47 2.39 3.73	0 0.00 0.00 0.00	1504 0.92 4.67 9.70	32187 19.72
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11224 6.88 98.79 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	137 0.08 1.21 0.89	11361 6.96
SR6	0 0.00 0.00 0.00	194 0.12 0.95 0.58	194 0.12 0.95 2.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19781 12.12 96.80 95.85	0 0.00 0.00 0.00	267 0.16 1.31 1.72	20436 12.52
SR7	0 0.00 0.00 0.00	466 0.29 0.98 1.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	86 0.05 0.18 0.42	43594 26.70 91.62 100.00	3437 2.11 7.22 22.16	47584 29.15
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8352 5.12 100.00 53.85	8352 5.12
TOTAL	2184 1.34	33265 20.38	7107 4.35	29738 18.22	11224 6.87	20637 12.64	43594 26.70	15509 9.50	163257 100.00

APPENDIX TABLE M-28  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN ARCHERY  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	3390 16.29 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3390 16.29
SR2	0 0.00 0.00 0.00	6138 29.50 95.83 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	267 1.29 4.17 25.01	6405 30.78
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	401 1.93 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	401 1.93
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3050 14.66 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3050 14.66
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	693 3.33 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	693 3.33
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6066 29.15 93.51 100.00	421 2.02 6.49 35.36	6487 31.18
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	381 1.83 100.00 35.64	381 1.83
TOTAL	3390 16.29	6138 29.50	0 0.00	401 1.93	3050 14.66	693 3.33	6066 29.15	1069 5.14	20807 100.00	



APPENDIX TABLE M-29  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN TRAPSHOOTING  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	2861 2.97 95.10 94.34	147 0.15 4.90 0.88	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3008 3.12
SR2	172 0.18 1.36 5.66	11553 11.99 91.70 69.20	0 0.00 0.00 0.00	351 0.36 2.79 1.54	261 0.27 2.07 1.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	261 0.27 2.07 17.42	12598 13.08
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	619 0.64 88.57 17.41	80 0.08 11.43 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	699 0.73
SR4	0 0.00 0.00 0.00	2074 2.15 7.02 12.42	961 1.00 3.25 27.03	22358 23.21 75.65 98.11	2239 2.32 7.57 13.96	0 0.00 0.00 0.00	1923 2.00 6.51 6.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	29554 30.67
SR5	0 0.00 0.00 0.00	771 0.80 6.32 4.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	11430 11.87 93.68 71.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12201 12.66
SR6	0 0.00 0.00 0.00	76 0.08 1.94 0.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	221 0.23 5.67 1.38	3448 3.58 88.65 97.26	145 0.15 3.73 0.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3889 4.04
SR7	0 0.00 0.00 0.00	2074 2.15 6.22 12.42	1977 2.05 5.93 55.57	0 0.00 0.00 0.00	1888 1.96 5.66 11.77	97 0.10 0.29 2.74	27130 28.17 81.35 92.92	186 0.19 0.56 12.42	0 0.00 0.00 0.00	33352 34.61
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1053 1.09 100.00 70.17	1053 1.09
TOTAL	3033 3.15	16694 17.33	3557 3.69	22788 23.65	16038 16.64	3545 3.68	29198 30.30	1501 1.56	0 0.00	96355 100.00

APPENDIX TABLE M-30  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN SOCCER  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

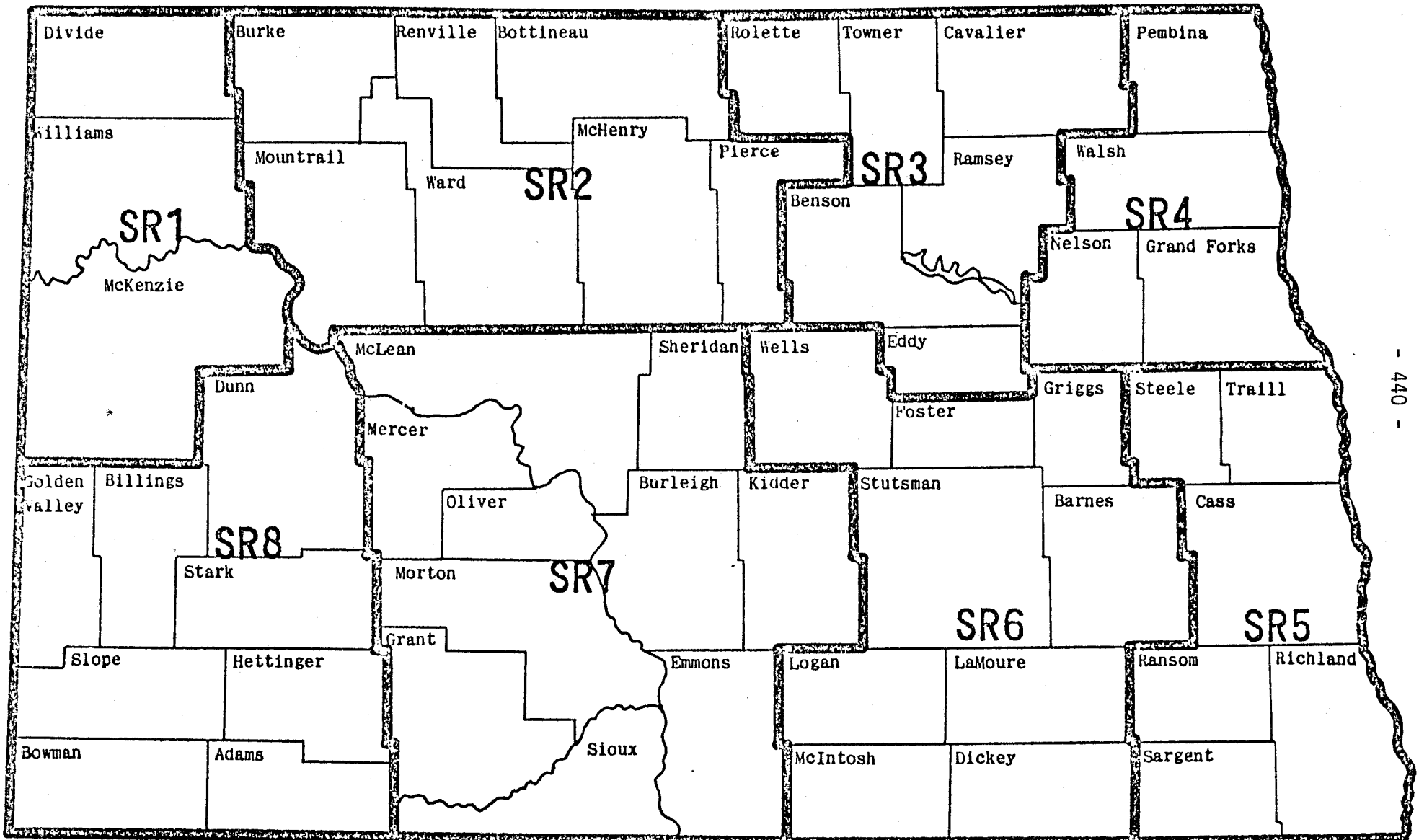
FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL	
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8		
SR1	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR2	0 0.00 0.00 0.00	1923 6.93 62.48 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1154 4.16 37.52 100.00	3077 11.09
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1668 6.01 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1668 6.01
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20086 72.37 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20086 72.37
SR7	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2923 10.53 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2923 10.53
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00
TOTAL	0 0.00	1923 6.93	0 0.00	0 0.00	1668 6.01	20086 72.37	2923 10.53	1154 4.16	0 0.00	27754 100.00

APPENDIX TABLE M-31  
 DISTRIBUTION OF TOTAL NUMBER OF DAYS OF PARTICIPATION IN HORSESHOES  
 BY NORTH DAKOTA RESIDENTS FROM REGION OF RESIDENCE TO REGION OF PARTICIPATION, 1995

FROM REGION OF RESIDENCE	TO REGION OF PARTICIPATION								TOTAL
	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	
SR1	536 1.53 41.78 100.00	746 2.14 58.22 46.94	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1282 3.67
SR2	0 0.00 0.00 0.00	760 2.18 71.47 47.82	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	304 0.87 28.53 1.80	0 0.00 0.00 0.00	1064 3.05
SR3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2865 8.21 100.00 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2865 8.21
SR4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3742 10.72 100.00 95.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3742 10.72
SR5	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	161 0.46 7.14 4.14	2099 6.01 92.86 92.50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2260 6.47
SR6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3726 10.67 98.43 88.03	0 0.00 0.00 0.00	59 0.17 1.57 2.27	3785 10.84
SR7	0 0.00 0.00 0.00	83 0.24 0.47 5.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	170 0.49 0.97 7.50	507 1.45 2.88 11.97	16131 46.20 91.82 95.44	677 1.94 3.85 25.92	17568 50.33
SR8	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	468 1.34 19.96 2.77	1876 5.37 80.04 71.81	2343 6.71
TOTAL	536 1.53	1590 4.55	2865 8.21	3903 11.18	2269 6.50	4233 12.12	16902 48.42	2612 7.48	34905 100.00



APPENDIX N  
PROJECTED NUMBER OF PARTICIPANTS  
AND TOTAL DAYS OF PARTICIPATION,  
STATISTICAL APPROACH, 1978, 1980, 1985,  
1990 AND 1995



APPENDIX TABLE N-1  
 PROJECTED NUMBER OF PARTICIPANTS FROM SRI, BY ACTIVITY, STATISTICAL METHOD  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	6,970	6,962	6,928	6,852	6,808
Waterfowl Hunting	3,732	3,516	3,589	3,375	3,289
Big Game Hunting	3,351	3,328	3,221	3,132	3,260
Nongame Hunting	3,048	3,053	3,041	2,971	2,930
Ice Fishing	3,887	3,886	3,900	3,827	3,798
Cross-Country Skiing	940	918	874	857	828
Downhill Skiing	1,065	1,470	1,973	2,075	2,192
Snowmobiling	5,929	5,974	5,499	5,778	6,716
Sledding	8,000	8,092	8,345	8,651	8,852
Ice Skating	5,027	5,096	5,354	5,645	5,838
Hockey	229	216	228	228	226
Fishing	11,068	10,955	10,893	10,813	10,709
Powerboating/Waterskiing	2,813	3,314	3,611	3,937	4,224
Beach Swimming	5,440	5,511	5,755	6,003	6,155
Outdoor Pool Swimming	3,658	3,637	3,706	3,834	3,897
Picnicking	10,973	11,440	12,263	12,508	12,776
Camping	7,691	7,994	8,425	8,584	8,798
Visiting Historical Places	8,536	8,455	8,484	8,435	8,834
Bicycling	2,720	2,698	2,842	2,897	2,996
Baseball/Softball	3,563	3,564	3,582	3,726	3,786
Golf	3,940	4,139	4,513	4,809	5,063
Tennis	1,875	1,987	2,132	2,265	2,368
Jogging	938	968	1,017	1,020	1,036
Sailing	188	192	179	192	139
Canoeing	658	650	665	667	665
Hiking	1,220	1,429	1,744	1,832	1,996
Horseback Riding	750	758	775	784	789
Archery	375	372	368	363	357
Trap Shooting	470	547	643	677	713
Soccer	0	0	0	0	0
Horseshoes	470	432	310	332	534

APPENDIX TABLE N-2  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SRI, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	38,406	38,014	37,165	36,197	35,920
Waterfowl Hunting	25,005	23,422	23,755	22,282	21,795
Big Game Hunting	14,611	13,719	11,876	11,515	11,692
Nongame Hunting	27,429	27,474	27,370	26,742	26,374
Ice Fishing	24,915	24,907	24,999	24,530	24,348
Cross-Country Skiing	5,709	5,572	5,305	5,200	5,026
Downhill Skiing	2,056	2,830	3,809	4,005	4,230
Snowmobiling	70,313	81,221	86,886	97,306	119,072
Sledding	58,560	58,711	58,770	59,218	55,561
Ice Skating	50,972	55,399	54,421	57,441	59,000
Hockey	1,299	1,224	1,294	1,290	1,284
Fishing	69,399	76,210	86,266	87,138	89,097
Powerboating/Waterskiing	16,313	18,177	20,946	22,834	24,497
Beach Swimming	24,591	24,845	25,751	26,785	27,380
Outdoor Pool Swimming	50,001	50,432	53,208	56,764	59,342
Picnicking	37,090	37,898	40,603	38,748	40,580
Camping	43,067	44,941	47,691	48,990	50,597
Visiting Historical Places	22,876	22,730	22,973	26,598	27,335
Bicycling	34,248	33,972	35,778	36,473	37,715
Baseball/Softball	39,009	39,028	39,221	40,805	41,451
Golf	52,054	55,868	62,218	67,557	73,055
Tennis	13,219	14,008	15,028	15,968	16,696
Jogging	22,875	23,614	24,811	24,894	25,269
Sailing	1,125	1,150	1,072	1,151	835
Canoeing	941	930	951	954	951
Hiking	4,503	5,274	6,434	6,944	7,366
Horseback Riding	1,778	1,798	1,838	1,858	1,869
Archery	3,563	3,535	3,498	3,444	3,390
Trap Shooting	1,975	2,299	2,700	2,845	2,996
Soccer	0	0	0	0	0
Horseshoes	1,129	1,037	745	797	1,282



APPENDIX TABLE N-3  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR2, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	18,387	19,513	21,431	22,514	20,631
Waterfowl Hunting	16,440	17,022	18,025	18,699	18,979
Big Game Hunting	11,981	12,058	12,807	13,272	13,599
Nongame Hunting	7,470	6,963	7,898	7,970	8,137
Ice Fishing	14,216	13,780	14,961	15,427	15,790
Cross-Country Skiing	4,352	4,539	4,856	5,287	5,559
Downhill Skiing	7,746	8,300	9,244	10,131	10,753
Snowmobiling	21,802	21,034	23,383	24,681	25,484
Sledding	12,439	12,912	14,262	15,704	16,588
Ice Skating	14,929	15,421	16,801	18,458	19,497
Hockey	1,958	2,205	2,184	2,368	2,502
Fishing	35,209	36,013	38,109	40,141	41,797
Powerboating/Waterskiing	18,312	19,777	22,201	25,003	26,979
Beach Swimming	14,099	15,168	17,380	19,686	21,221
Outdoor Pool Swimming	13,162	13,452	14,401	15,406	15,878
Picnicking	26,410	26,911	28,341	29,587	30,152
Camping	25,516	26,448	28,544	30,527	31,822
Visiting Historical Places	15,376	15,503	17,009	18,068	18,786
Bicycling	10,938	10,838	12,077	12,912	13,510
Baseball/Softball	10,045	10,417	11,293	12,161	12,603
Golf	7,108	8,051	9,566	10,484	11,267
Tennis	3,650	4,117	4,912	5,550	6,039
Jogging	3,469	4,078	5,086	5,438	5,680
Sailing	1,426	1,673	2,042	2,300	2,473
Canoeing	1,160	1,273	1,089	1,239	1,283
Hiking	617	681	806	888	935
Horseback Riding	2,756	2,415	3,104	3,312	3,408
Archery	617	614	631	628	622
Trap Shooting	1,245	1,286	1,218	1,241	1,215
Soccer	266	268	276	283	288
Horseshoes	617	615	632	575	533

APPENDIX TABLE N-4  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR2, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	128,156	140,832	162,816	178,315	167,680
Waterfowl Hunting	159,957	166,004	174,275	177,972	178,146
Big Game Hunting	53,077	53,191	60,097	62,240	64,051
Nongame Hunting	53,707	49,698	55,398	54,929	55,430
Ice Fishing	89,843	89,670	101,088	104,315	107,489
Cross-Country Skiing	22,064	22,460	22,905	25,061	26,097
Downhill Skiing	36,020	38,593	42,983	47,110	50,001
Snowmobiling	270,350	266,372	308,278	345,371	362,325
Sledding	101,873	102,386	107,091	117,634	120,898
Ice Skating	107,635	109,864	117,741	129,105	136,381
Hockey	18,600	19,234	20,743	22,494	23,771
Fishing	291,182	298,720	324,267	348,431	367,857
Powerboating/Waterskiing	227,073	246,781	280,105	313,164	338,289
Beach Swimming	148,459	159,720	181,288	205,222	222,205
Outdoor Pool Swimming	151,761	152,356	158,908	168,807	174,946
Picnicking	101,942	104,666	112,175	113,625	122,018
Camping	192,390	199,578	215,694	231,047	241,208
Visiting Historical Places	39,361	41,156	46,613	51,177	54,324
Bicycling	302,229	299,465	333,684	356,759	373,286
Baseball/Softball	121,942	130,972	136,559	146,935	152,184
Golf	88,208	99,967	118,892	130,449	140,329
Tennis	48,249	55,730	68,195	80,050	89,525
Jogging	115,546	135,833	169,414	181,142	189,203
Sailing	15,328	17,982	21,947	24,724	26,583
Canoeing	2,586	2,839	2,428	2,764	2,861
Hiking	1,413	1,561	1,846	2,034	2,140
Horseback Riding	29,350	25,717	33,061	35,275	36,295
Archery	6,350	6,322	6,495	6,462	6,405
Trap Shooting	12,898	13,325	12,622	12,856	12,591
Soccer	2,838	2,863	2,944	3,021	3,077
Horseshoes	1,234	1,230	1,265	1,150	1,067

APPENDIX TABLE N-5  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR3, BY ACTIVITY, STATISTICAL METHOD  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	5,178	5,349	5,597	5,878	6,188
Waterfowl Hunting	9,404	9,807	10,325	10,968	11,543
Big Game Hunting	4,031	4,056	4,136	4,064	4,081
Nongame Hunting	2,879	2,921	3,019	3,015	3,090
Ice Fishing	5,178	5,396	5,789	5,887	5,996
Cross-Country Skiing	2,110	2,280	2,521	2,780	3,020
Downhill Skiing	3,708	3,859	4,147	4,641	4,982
Snowmobiling	11,309	11,522	11,996	12,672	13,235
Sledding	5,424	5,341	5,605	5,867	6,090
Ice Skating	4,671	5,082	5,900	6,336	6,825
Hockey	1,024	1,118	1,266	1,508	1,673
Fishing	13,794	13,823	14,124	14,389	14,719
Powerboating/Waterskiing	10,346	10,942	12,151	13,443	14,702
Beach Swimming	7,719	8,388	9,662	10,667	11,668
Outdoor Pool Swimming	8,103	8,526	9,414	10,340	11,176
Picnicking	13,875	14,075	14,640	15,133	16,853
Camping	10,264	10,529	11,176	11,834	12,578
Visiting Historical Places	5,993	6,028	6,259	6,368	6,560
Bicycling	5,911	6,305	6,963	7,727	8,446
Baseball/Softball	3,447	3,552	3,709	3,976	3,532
Golf	4,600	4,873	5,409	5,767	6,201
Tennis	2,489	2,792	3,220	3,833	4,294
Jogging	983	1,171	1,439	1,719	1,964
Sailing	574	580	597	614	633
Canoeing	492	589	764	849	961
Hiking	246	251	265	274	287
Horseback Riding	738	711	694	683	684
Archery	0	0	0	0	0
Trap Shooting	164	164	169	169	172
Soccer	0	0	0	0	0
Horseshoes	328	363	402	449	498

APPENDIX TABLE N-6  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR3, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	22,060	22,622	23,274	24,145	24,783
Waterfowl Hunting	76,454	79,841	82,872	87,016	91,154
Big Game Hunting	16,608	16,769	17,135	16,848	16,951
Nongame Hunting	31,607	32,128	33,379	33,560	34,558
Ice Fishing	40,339	41,013	41,783	40,347	39,366
Cross-Country Skiing	11,501	12,428	13,742	15,149	16,460
Downhill Skiing	18,801	19,446	20,835	23,581	25,327
Snowmobiling	167,039	170,381	176,544	185,740	193,413
Sledding	51,638	49,389	50,630	49,332	56,907
Ice Skating	58,064	63,467	74,314	80,604	87,678
Hockey	18,060	19,719	22,317	26,590	29,496
Fishing	71,451	71,890	74,186	74,535	76,245
Powerboating/Waterskiing	87,220	94,243	106,394	121,040	134,347
Beach Swimming	55,730	60,431	69,420	76,641	83,672
Outdoor Pool Swimming	122,193	143,480	180,660	205,377	232,407
Picnicking	47,038	47,714	49,629	51,301	57,131
Camping	57,584	57,575	59,699	61,064	63,554
Visiting Historical Places	11,386	11,453	11,250	11,294	11,465
Bicycling	213,675	248,597	311,831	354,115	401,024
Baseball/Softball	32,920	37,879	45,781	49,887	45,597
Golf	67,200	72,897	83,454	91,491	89,856
Tennis	15,658	17,560	20,254	24,112	27,007
Jogging	16,640	19,815	24,351	20,090	33,227
Sailing	4,096	4,140	4,259	4,385	4,522
Canoeing	1,805	2,162	2,806	3,115	3,528
Hiking	983	1,004	1,060	1,095	1,149
Horseback Riding	5,561	5,358	5,235	5,152	5,155
Archery	0	0	0	0	0
Trap Shooting	664	664	685	686	699
Soccer	1,885	2,088	2,310	2,581	2,865
Horseshoes					

APPENDIX TABLE N-7  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR4, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	6,780	7,054	7,434	7,658	7,587
Waterfowl Hunting	11,715	13,138	16,321	16,949	16,064
Big Game Hunting	6,967	7,184	7,459	7,483	7,497
Nongame Hunting	3,318	3,540	4,080	4,311	4,209
Ice Fishing	5,008	5,300	5,760	5,834	5,753
Cross-Country Skiing	5,142	5,463	6,083	6,473	6,591
Downhill Skiing	3,566	3,654	3,783	5,355	5,445
Snowmobiling	14,400	14,872	15,348	16,259	16,223
Sledding	14,877	14,861	15,679	17,716	17,602
Ice Skating	14,711	14,721	14,880	15,280	14,467
Hockey	4,779	4,484	5,058	5,155	4,980
Fishing	21,782	23,596	25,647	26,960	27,742
Powerboating/Waterskiing	7,745	8,047	9,863	10,619	10,794
Beach Swimming	9,932	10,384	11,062	11,822	11,773
Outdoor Pool Swimming	13,312	12,599	13,891	14,176	13,774
Picnicking	26,603	26,499	28,295	28,866	29,136
Camping	12,762	12,523	14,151	14,596	14,473
Visiting Historical Places	13,861	13,473	12,921	12,690	11,704
Bicycling	13,270	13,825	14,927	15,733	15,741
Baseball/Softball	7,931	8,352	9,104	9,737	9,761
Golf	9,497	10,772	12,702	13,776	14,754
Tennis	4,178	4,335	4,514	4,731	4,646
Jogging	3,587	3,433	4,144	4,318	4,339
Sailing	0	0	0	0	0
Canoeing	1,420	1,540	1,600	1,916	2,216
Hiking	1,306	1,320	1,263	1,203	1,479
Horseback Riding	1,742	2,112	2,577	2,829	3,011
Archery	218	230	250	259	267
Trap Shooting	2,509	2,728	3,211	3,505	3,674
Soccer	0	0	0	0	0
Horseshoes	508	558	687	649	636

APPENDIX TABLE N-8  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR4, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	24,748	25,624	26,555	27,067	26,636
Waterfowl Hunting	69,940	78,436	97,436	101,188	95,904
Big Game Hunting	34,695	35,890	37,518	38,003	38,293
Nongame Hunting	32,148	34,305	39,534	41,774	40,789
Ice Fishing	29,194	27,762	22,449	27,297	25,310
Cross-Country Skiing	32,859	34,907	38,745	41,025	42,334
Downhill Skiing	16,762	17,172	17,782	25,168	25,590
Snowmobiling	142,709	147,045	151,291	160,097	160,481
Sledding	109,497	106,907	104,075	115,863	108,074
Ice Skating	186,689	205,341	175,216	173,077	153,164
Hockey	79,434	80,699	117,013	119,082	82,768
Fishing	97,366	105,294	114,125	120,091	126,117
Powerboating/Waterskiing	77,523	89,339	121,048	140,828	150,652
Beach Swimming	80,251	108,960	143,941	167,151	176,584
Outdoor Pool Swimming	165,999	155,277	168,526	170,663	165,598
Picnicking	98,165	113,356	136,588	151,922	161,946
Camping	71,725	69,957	81,008	79,984	79,929
Visiting Historical Places	28,693	28,280	28,475	27,861	26,028
Bicycling	326,319	348,595	386,852	426,638	437,829
Baseball/Softball	68,446	72,000	78,568	84,029	84,240
Golf	141,500	163,357	192,862	216,435	221,002
Tennis	49,970	54,381	59,424	66,246	67,773
Jogging	106,754	102,158	123,337	128,508	129,128
Sailing	0	0	0	0	0
Canoeing	2,841	3,081	3,199	3,833	4,431
Hiking	5,552	5,608	5,369	5,114	6,284
Horseback Riding	18,619	22,572	27,552	30,239	32,187
Archery	327	344	376	389	401
Trap Shooting	20,172	21,929	25,817	28,180	29,540
Soccer	0	0	0	0	0
Horseshoes	2,987	3,280	4,039	3,815	3,742

APPENDIX TABLE N-9  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR5, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	14,872	15,657	17,041	18,004	18,808
Waterfowl Hunting	15,841	16,381	17,411	18,426	19,253
Big Game Hunting	9,780	10,076	10,618	10,896	11,072
Nongame Hunting	4,884	4,958	5,757	6,223	5,374
Ice Fishing	4,614	4,636	4,633	4,650	4,762
Cross-Country Skiing	8,062	8,621	9,643	10,416	11,011
Downhill Skiing	1,448	1,442	1,435	1,418	1,387
Snowmobiling	15,203	14,536	15,824	16,160	16,233
Sledding	15,387	14,983	16,673	17,756	18,205
Ice Skating	13,547	13,817	14,517	15,377	15,700
Hockey	2,049	2,307	2,778	2,895	3,598
Fishing	14,676	14,787	15,306	15,320	15,289
Powerboating/Waterskiing	4,098	3,569	4,099	4,010	3,840
Beach Swimming	8,184	8,281	8,544	8,767	8,703
Outdoor Pool Swimming	16,492	16,399	17,030	17,400	17,407
Picnicking	29,805	30,065	30,700	31,015	30,763
Camping	13,338	13,386	13,702	13,798	13,688
Visiting Historical Places	13,252	13,158	13,540	13,296	13,848
Bicycling	19,731	21,219	24,183	25,656	26,717
Baseball/Softball	17,167	16,622	18,158	18,555	18,612
Golf	15,117	15,810	16,907	17,931	18,870
Tennis	7,915	8,276	9,061	9,645	9,916
Jogging	7,031	7,506	8,500	9,240	9,668
Sailing	270	274	283	285	278
Canoeing	356	327	378	386	384
Hiking	1,423	1,587	1,828	1,923	1,846
Horseback Riding	2,761	2,429	1,809	1,576	1,110
Archery	442	503	613	660	693
Trap Shooting	1,779	2,195	2,877	2,932	3,092
Soccer	356	364	379	409	433
Horseshoes	798	733	636	581	484

APPENDIX TABLE N-10  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR5, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	84,324	87,592	93,916	96,213	98,215
Waterfowl Hunting	104,394	107,954	114,735	121,425	126,879
Big Game Hunting	48,996	49,500	51,524	51,417	50,872
Nongame Hunting	35,700	34,457	36,815	36,529	27,525
Ice Fishing	26,022	24,431	23,282	20,345	25,028
Cross-Country Skiing	51,757	53,783	62,583	67,242	71,266
Downhill Skiing	4,271	4,255	4,233	4,183	4,093
Snowmobiling	164,641	155,162	167,349	167,559	173,235
Sledding	92,939	89,626	105,822	117,369	122,505
Ice Skating	123,545	126,124	132,792	140,756	143,985
Hockey	32,193	36,236	43,650	45,476	56,520
Fishing	95,098	95,659	98,441	97,488	97,134
Powerboating/Waterskiing	23,771	20,693	23,736	23,186	22,227
Beach Swimming	31,347	31,758	32,843	33,788	33,630
Outdoor Pool Swimming	246,716	245,742	254,948	259,959	259,857
Picnicking	81,965	82,025	82,854	83,934	83,362
Camping	62,156	62,379	63,851	64,300	63,787
Visiting Historical Places	27,035	26,307	25,832	24,881	25,600
Bicycling	472,363	503,726	562,258	614,934	640,623
Baseball/Softball	192,609	186,499	203,732	208,182	108,827
Golf	196,979	209,798	228,892	243,709	264,591
Tennis	98,378	112,608	129,328	151,771	159,693
Jogging	168,605	178,780	204,662	223,119	234,047
Sailing	270	274	283	285	278
Canoeing	712	654	756	773	767
Hiking	25,621	28,566	32,903	34,613	33,233
Horseback Riding	28,244	24,951	18,503	16,121	11,355
Archery	1,944	2,212	2,696	2,903	3,050
Trap Shooting	7,028	8,669	11,366	11,581	12,214
Soccer	3,114	3,184	3,316	3,578	3,787
Horseshoes	3,725	3,421	2,969	2,711	2,260



APPENDIX TABLE N-11  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR6, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	8,022	8,273	8,441	8,242	8,061
Waterfowl Hunting	10,427	11,163	11,988	12,117	12,200
Big Game Hunting	6,104	6,247	6,689	6,641	6,618
Nongame Hunting	4,924	5,277	5,613	5,591	5,575
Ice Fishing	6,690	6,699	8,278	8,245	8,261
Cross-Country Skiing	2,314	2,441	2,660	2,668	2,751
Downhill Skiing	1,621	1,745	1,862	2,207	2,108
Snowmobiling	10,313	10,592	10,993	11,173	11,204
Sledding	8,022	8,329	9,163	9,835	10,328
Ice Skating	6,378	6,623	7,103	7,588	7,943
Hockey	883	1,030	1,184	1,289	1,354
Fishing	21,426	21,798	22,133	21,892	21,559
Powerboating/Waterskiing	8,045	8,384	8,912	9,368	9,687
Beach Swimming	9,385	9,694	10,149	10,479	10,619
Outdoor Pool Swimming	12,383	12,526	12,823	12,970	12,932
Picnicking	24,828	24,812	24,642	24,407	23,984
Camping	12,954	13,158	13,625	13,923	14,053
Visiting Historical Places	10,275	10,877	11,354	11,196	11,095
Bicycling	9,826	10,391	11,146	11,348	11,513
Baseball/Softball	8,486	8,507	8,616	8,539	8,459
Golf	6,896	7,521	8,324	8,571	8,857
Tennis	3,067	3,369	3,793	4,018	4,197
Jogging	3,128	3,238	3,419	3,540	3,617
Sailing	320	331	339	346	344
Canoeing	1,210	1,284	1,434	1,559	1,641
Hiking	449	531	617	610	622
Horseback Riding	1,789	1,841	1,859	1,896	1,870
Archery	259	235	158	174	308
Trap Shooting	449	485	526	514	513
Soccer	779	913	1,051	1,093	1,130
Horseshoes	959	965	959	932	901

APPENDIX TABLE N-12  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR6, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	44,122	45,665	46,626	41,324	39,295
Waterfowl Hunting	83,523	89,529	94,256	95,066	95,464
Big Game Hunting	28,690	29,425	31,556	31,211	31,104
Nongame Hunting	33,240	34,908	36,473	35,201	34,442
Ice Fishing	30,039	30,215	37,378	36,943	36,916
Cross-Country Skiing	17,284	18,233	19,871	19,927	20,549
Downhill Skiing	8,009	8,622	9,200	10,014	10,413
Snowmobiling	80,133	82,341	85,620	87,200	87,572
Sledding	60,247	56,759	50,718	55,196	55,915
Ice Skating	51,344	53,212	56,933	60,805	63,606
Hockey	26,028	30,355	34,893	37,997	39,917
Fishing	133,267	135,394	136,443	133,402	129,888
Powerboating/Waterskiing	39,984	42,299	45,930	49,857	52,420
Beach Swimming	49,551	50,942	52,855	54,208	54,615
Outdoor Pool Swimming	141,295	143,918	151,695	159,897	165,316
Picnicking	87,642	87,439	87,074	89,051	88,499
Camping	62,828	62,507	63,119	64,061	64,219
Visiting Historical Places	25,071	25,853	24,991	23,608	25,355
Bicycling	193,279	202,885	213,787	214,403	226,455
Baseball/Softball	102,008	106,878	115,111	118,444	121,440
Golf	112,401	120,988	131,171	130,646	131,972
Tennis	27,913	30,156	33,509	35,725	37,306
Jogging	51,459	53,270	56,245	58,235	59,506
Sailing	320	331	339	346	344
Canoeing	13,699	14,537	16,230	17,643	18,578
Hiking	7,122	8,416	9,784	9,676	9,861
Horseback Riding	19,550	20,120	20,324	20,726	20,436
Archery	582	528	355	391	693
Trap Shooting	3,399	3,670	3,981	3,889	3,883
Soccer	14,209	16,235	18,695	19,429	20,086
Horseshoes	4,028	4,053	4,026	3,914	3,785

APPENDIX TABLE N-13  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR7, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	18,339	19,255	21,677	24,012	26,443
Waterfowl Hunting	13,289	14,070	15,878	17,602	19,374
Big Game Hunting	10,282	10,024	11,691	12,371	13,073
Nongame Hunting	8,625	8,425	10,103	10,886	11,705
Ice Fishing	11,632	11,766	12,310	13,073	13,496
Cross-Country Skiing	4,642	5,074	5,954	6,822	7,631
Downhill Skiing	2,270	2,219	2,622	2,859	3,077
Snowmobiling	16,047	15,607	18,303	19,913	21,372
Sledding	17,409	18,079	19,605	21,925	24,213
Ice Skating	14,106	14,667	16,272	17,965	19,586
Hockey	1,328	1,442	1,683	1,997	2,285
Fishing	41,945	43,645	47,692	50,425	53,327
Powerboating/Waterskiing	19,872	20,788	22,916	25,824	28,539
Beach Swimming	18,601	19,095	20,881	23,724	26,146
Outdoor Pool Swimming	14,935	15,671	16,621	18,852	20,710
Picnicking	35,408	36,887	40,710	44,840	49,239
Camping	30,244	31,249	34,356	37,170	40,118
Visiting Historical Places	20,927	22,974	25,723	28,294	31,095
Bicycling	12,552	13,408	15,141	16,903	18,676
Baseball/Softball	11,893	11,789	14,109	15,751	17,489
Golf	8,092	8,992	10,600	12,351	13,972
Tennis	4,063	4,448	5,080	5,670	6,260
Jogging	5,334	5,421	5,757	6,198	6,535
Sailing	1,975	2,211	2,440	2,756	3,044
Canoeing	1,033	1,068	1,169	1,245	1,321
Hiking	1,816	1,929	1,990	2,226	2,396
Horseback Riding	3,359	3,552	4,187	4,773	5,363
Archery	522	492	598	631	674
Trap Shooting	1,453	1,497	1,631	1,750	2,072
Soccer	68	69	73	77	81
Horseshoes	1,714	1,793	1,929	2,065	2,196

APPENDIX TABLE N-14  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR7, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	107,653	113,070	127,471	141,544	156,108
Waterfowl Hunting	82,660	87,778	99,571	109,782	121,603
Big Game Hunting	39,071	38,796	52,995	57,395	62,973
Nongame Hunting	62,273	61,111	73,989	79,376	85,296
Ice Fishing	68,399	71,084	74,960	80,077	83,802
Cross-Country Skiing	35,833	40,381	48,285	56,959	65,196
Downhill Skiing	8,080	7,900	9,334	10,178	10,954
Snowmobiling	173,469	161,594	192,118	203,851	213,887
Sledding	125,170	133,850	140,959	157,644	174,092
Ice Skating	86,331	91,045	100,242	111,177	121,618
Hockey	16,279	17,674	20,636	24,483	28,018
Fishing	299,066	307,985	331,443	340,795	351,592
Powerboating/Waterskiing	121,813	129,344	146,795	168,750	190,337
Beach Swimming	102,303	116,241	139,317	160,129	181,390
Outdoor Pool Swimming	182,803	198,066	215,971	246,693	273,286
Picnicking	145,173	150,932	166,894	187,519	208,762
Camping	179,953	189,296	211,797	227,971	246,506
Visiting Historical Places	59,223	63,930	71,230	75,237	79,067
Bicycling	310,779	334,168	382,397	429,704	478,411
Baseball/Softball	129,876	125,580	153,838	172,497	191,843
Golf	159,000	177,836	208,143	241,456	273,045
Tennis	44,772	49,255	56,751	63,469	70,272
Jogging	166,897	169,962	180,433	192,993	254,196
Sailing	19,154	21,447	23,672	26,736	29,530
Canoeing	2,293	2,372	2,595	2,764	2,933
Hiking	29,670	31,516	32,517	36,373	39,158
Horseback Riding	33,727	35,000	39,594	43,025	47,601
Archery	5,022	4,734	5,757	6,070	6,487
Trap Shooting	23,373	24,080	26,248	28,162	33,344
Soccer	2,451	2,494	2,642	2,786	2,923
Horseshoes	13,709	14,342	15,436	16,517	17,568

APPENDIX TABLE N-15  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR8, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	5,571	5,739	6,098	6,436	6,634
Waterfowl Hunting	2,337	2,457	2,698	2,840	2,953
Big Game Hunting	3,234	3,342	3,474	3,793	3,884
Nongame Hunting	3,412	3,444	3,473	3,666	3,657
Ice Fishing	2,276	2,296	2,303	2,266	2,228
Cross-Country Skiing	1,166	1,474	1,909	2,235	2,455
Downhill Skiing	421	419	414	404	400
Snowmobiling	8,025	7,811	7,566	7,951	8,126
Sledding	8,086	8,169	8,616	9,170	9,182
Ice Skating	6,109	6,070	6,126	6,294	6,398
Hockey	178	184	199	214	234
Fishing	12,425	12,564	12,941	12,854	13,282
Powerboating/Waterskiing	4,591	4,598	4,654	4,666	4,590
Beach Swimming	4,825	4,565	4,231	4,455	4,918
Outdoor Pool Swimming	5,619	5,670	5,939	6,281	6,485
Picnicking	12,503	12,873	13,960	12,831	12,889
Camping	10,366	10,699	11,511	12,235	12,890
Visiting Historical Places	7,279	7,341	7,562	7,825	8,015
Bicycling	5,224	5,665	6,424	7,240	7,852
Baseball/Softball	<b>2,293</b>	2,347	2,525	2,664	2,882
Golf	2,376	2,762	3,250	3,456	3,668
Tennis	1,686	1,766	1,919	2,065	2,184
Jogging	1,977	2,352	2,843	3,016	3,198
Sailing	160	160	159	157	155
Canoeing	160	160	159	157	155
Hiking	793	887	1,011	1,023	1,058
Horseback Riding	793	808	807	811	811
Archery	395	393	391	387	381
Trap Shooting	78	78	77	76	75
Soccer	0	0	0	0	0
Horseshoes	477	498	690	693	705

APPENDIX TABLE N-16  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR8, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	39,833	41,312	44,415	47,425	49,425
Waterfowl Hunting	12,876	13,539	14,864	15,650	16,268
Big Game Hunting	12,581	13,927	15,766	17,684	18,764
Nongame Hunting	31,527	36,998	44,715	47,418	49,925
Ice Fishing	9,446	9,526	9,559	9,403	9,246
Cross-Country Skiing	13,377	16,905	21,902	25,640	28,165
Downhill Skiing	1,560	1,554	1,536	1,497	1,484
Snowmobiling	115,156	112,084	108,578	114,102	116,613
Sledding	51,747	51,712	51,169	53,129	52,109
Ice Skating	42,821	42,548	43,573	45,235	46,437
Hockey	1,600	1,660	1,791	1,926	2,105
Fishing	78,900	79,779	82,173	81,624	84,341
Powerboating/Waterskiing	35,123	35,171	35,605	35,695	23,280
Beach Swimming	20,797	19,707	18,315	19,346	21,423
Outdoor Pool Swimming	72,930	73,178	76,181	80,603	83,274
Picnicking	43,261	44,446	47,958	43,782	43,732
Camping	58,879	60,770	65,381	69,496	73,212
Visiting Historical Places	16,451	17,122	18,843	19,486	20,588
Bicycling	117,805	126,478	141,730	159,631	173,156
Baseball/Softball	15,182	15,539	16,715	17,633	19,079
Golf	49,345	57,368	67,509	71,787	76,187
Tennis	32,127	33,652	36,557	39,346	41,603
Jogging	73,542	87,483	105,750	112,195	118,983
Sailing	321	319	318	314	309
Canoeing	321	319	318	314	309
Hiking	8,553	9,558	10,896	11,033	11,410
Horseback Riding	8,172	8,323	8,316	8,353	8,352
Archery	395	393	391	387	381
Trap Shooting	1,093	1,087	1,083	1,070	1,053
Soccer	0	0	0	0	0
Horseshoes	1,588	1,659	2,299	2,307	2,348

APPENDIX TABLE N-17  
 PROJECTED NUMBER OF PARTICIPANTS FROM NORTH DAKOTA, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

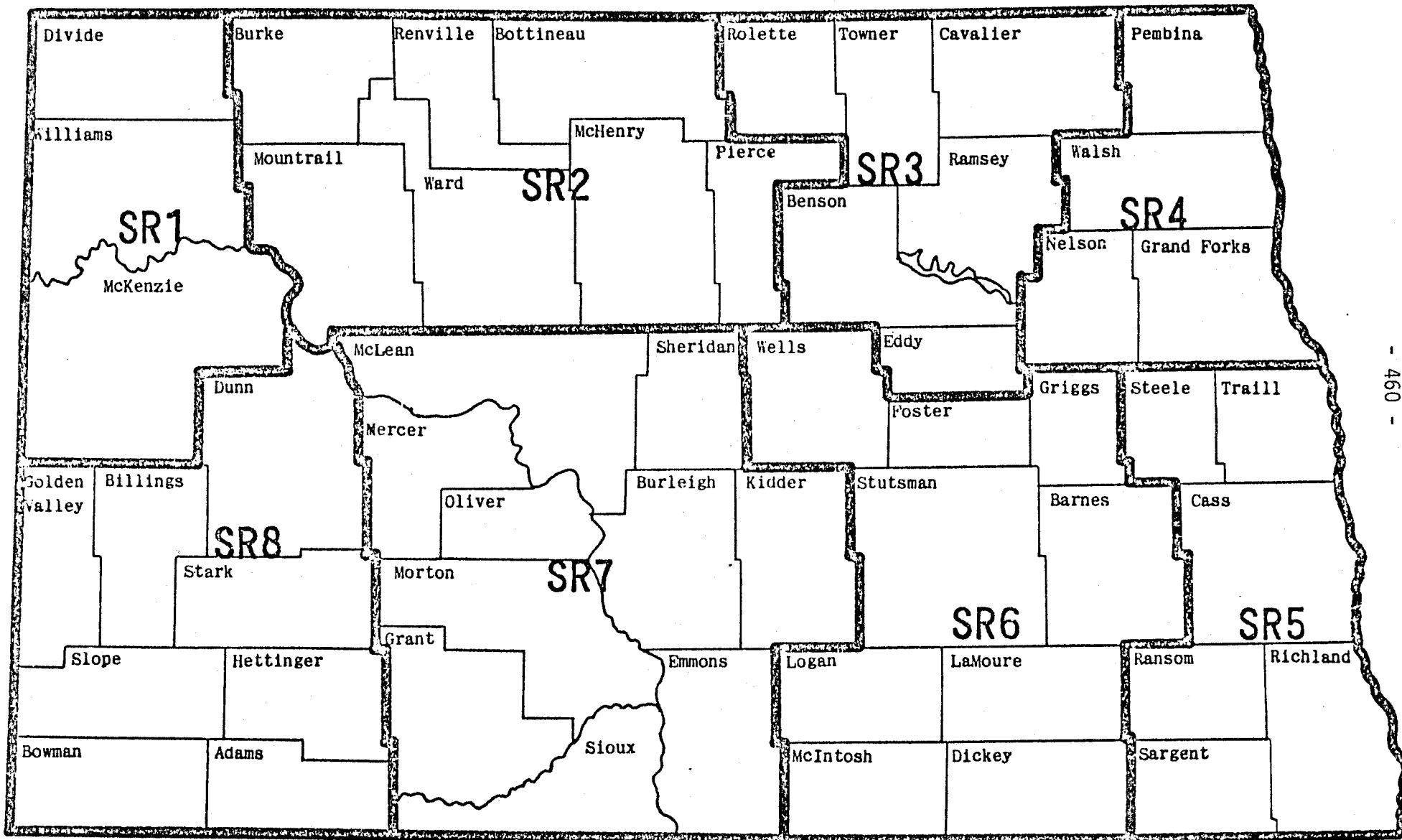
Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	83,168	86,275	92,353	96,784	100,233
Waterfowl Hunting	84,138	88,542	95,829	100,764	104,706
Big Game Hunting	55,424	56,820	59,454	60,976	61,988
Nongame Hunting	39,191	39,178	42,414	43,813	44,347
Ice Fishing	53,290	54,129	56,086	57,081	57,670
Cross-Country Skiing	28,068	30,335	34,361	37,451	39,793
Downhill Skiing	20,630	21,870	23,912	25,589	26,731
Snowmobiling	101,470	102,293	100,810	105,072	114,968
Sledding	88,665	90,338	96,109	103,108	107,099
Ice Skating	77,606	80,108	86,550	93,150	97,386
Hockey	11,512	12,335	13,785	15,449	16,646
Fishing	177,395	181,437	190,457	195,513	200,105
Powerboating/Waterskiing	78,641	80,038	88,885	95,757	100,478
Beach Swimming	83,944	86,363	92,742	100,029	104,666
Outdoor Pool Swimming	88,600	89,675	94,364	100,222	103,191
Picnicking	183,151	185,741	193,436	201,611	206,731
Camping	126,692	129,070	135,477	141,307	144,719
Visiting Historical Places	96,943	100,380	107,084	111,502	115,068
Bicycling	79,740	82,527	89,182	95,011	98,785
Baseball/Softball	65,319	67,293	72,212	76,356	79,089
Golf	56,782	60,861	67,713	72,995	77,682
Tennis	28,779	30,884	34,790	38,153	40,496
Jogging	26,709	27,997	30,869	33,271	34,602
Sailing	5,303	6,161	7,417	8,478	9,184
Canoeing	6,467	6,712	7,940	8,771	9,296
Hiking	7,825	9,132	11,182	11,972	12,747
Horseback Riding	15,004	14,904	14,911	15,589	15,646
Archery	2,846	2,963	3,210	3,244	3,240
Trap Shooting	7,631	8,406	9,666	10,312	10,833
Soccer	1,746	1,997	2,408	2,610	2,778
Horseshoes	6,273	6,373	6,579	6,496	6,372

APPENDIX TABLE N-18  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM NORTH DAKOTA, BY ACTIVITY, STATISTICAL METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	487,364	505,674	530,363	547,757	562,816
Waterfowl Hunting	624,304	655,928	707,215	740,492	766,975
Big Game Hunting	246,081	252,837	265,982	274,387	280,401
Nongame Hunting	309,610	307,062	326,154	330,412	327,780
Ice Fishing	311,211	310,960	311,689	321,716	320,693
Cross-Country Skiing	189,737	207,567	233,671	254,356	270,749
Downhill Skiing	90,154	100,110	102,460	108,952	112,619
Snowmobiling	1,155,744	1,174,905	1,163,266	1,223,453	1,345,098
Sledding	641,935	642,927	659,927	686,331	685,991
Ice Skating	672,845	688,770	732,300	789,520	791,986
Hockey	184,761	200,611	226,744	260,753	275,790
Fishing	1,179,675	1,199,558	1,238,424	1,249,716	1,268,953
Powerboating/Waterskiing	629,914	657,770	756,042	823,543	874,768
Beach Swimming	551,512	606,613	701,752	783,829	845,402
Outdoor Pool Swimming	1,142,059	1,174,292	1,261,232	1,345,216	1,406,882
Picnicking	657,510	667,409	696,239	726,967	748,819
Camping	746,216	769,570	822,219	864,178	891,775
Visiting Historical Places	235,572	244,191	260,553	270,489	278,973
Bicycling	1,953,638	2,085,202	2,195,454	2,343,840	2,441,046
Baseball/Softball	713,278	756,662	845,168	905,519	951,483
Golf	870,466	960,710	1,127,320	1,225,654	1,348,061
Tennis	326,066	370,246	450,303	501,653	547,095
Jogging	724,093	762,878	846,473	913,422	950,907
Sailing	43,804	51,217	62,604	72,587	79,716
Canoeing	28,326	29,399	34,776	38,419	40,714
Hiking	88,895	103,652	125,478	131,145	139,175
Horseback Riding	148,388	142,609	131,365	153,606	153,784
Archery	18,382	19,139	20,734	20,953	20,933
Trap Shooting	69,826	81,066	97,191	109,694	118,716
Soccer	31,221	35,705	43,046	46,668	49,665
Horseshoes	33,499	34,033	35,133	34,688	34,026



APPENDIX O  
PROJECTED NUMBER OF PARTICIPANTS  
AND TOTAL DAYS OF PARTICIPATION,  
AGE/SEX COHORT APPROACH, 1978, 1980, 1985,  
1990 AND 1995



APPENDIX TABLE 0-1  
 PROJECTED NUMBER OF PARTICIPANTS FROM SRI, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	6,559	6,567	6,521	6,415	6,381
Waterfowl Hunting	3,693	3,711	3,700	3,641	3,632
Big Game Hunting	3,388	3,400	3,363	3,287	3,268
Nongame Hunting	3,087	3,113	3,117	3,059	3,050
Ice Fishing	3,816	3,811	3,786	3,721	3,688
Cross-Country Skiing	943	953	955	932	912
Downhill Skiing	1,037	1,023	1,021	1,031	1,031
Snowmobiling	5,823	5,792	5,725	5,655	5,614
Sledding	7,435	7,337	7,330	7,396	7,398
Ice Skating	4,868	4,768	4,753	4,784	4,758
Hockey	238	240	235	227	227
Fishing	11,061	11,027	10,940	10,776	10,635
Powerboating/Waterskiing	2,840	2,848	2,852	2,821	2,816
Beach Swimming	5,947	5,922	5,933	5,928	5,929
Outdoor Pool Swimming	4,420	4,307	4,249	4,298	4,266
Picnicking	11,452	11,399	11,362	11,263	11,148
Camping	7,765	7,760	7,722	7,640	7,604
Visiting Historical Places	8,422	8,403	8,359	8,248	8,151
Bicycling	2,955	2,954	2,989	3,008	3,027
Baseball/Softball	3,778	3,778	3,811	3,821	3,839
Golf	4,039	4,022	3,993	3,955	3,934
Tennis	2,071	2,068	2,083	2,090	2,102
Jogging	895	928	961	945	957
Sailing	190	199	208	206	213
Canoeing	672	673	676	671	662
Hiking	1,235	1,219	1,202	1,194	1,176
Horseback Riding	686	672	655	651	642
Archery	561	585	612	608	624
Trap Shooting	472	493	516	511	528
Soccer	0	0	0	0	0
Horseshoes	457	476	497	489	494

APPENDIX TABLE 0-2  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SRI, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	35,110	35,812	36,511	36,107	36,514
Waterfowl Hunting	24,600	25,082	25,450	25,059	25,273
Big Game Hunting	14,716	14,873	14,868	14,555	14,551
Nongame Hunting	27,518	27,959	28,223	27,739	27,922
Ice Fishing	25,560	25,647	25,585	25,102	24,843
Cross-Country Skiing	6,550	6,729	6,899	6,664	6,397
Downhill Skiing	1,962	1,953	1,967	1,980	1,987
Snowmobiling	68,774	67,522	66,081	65,720	64,980
Sledding	54,842	53,379	52,716	53,480	53,118
Ice Skating	40,421	49,212	48,569	49,052	48,732
Hockey	1,273	1,322	1,367	1,347	1,388
Fishing	67,773	67,763	67,215	66,045	65,352
Powerboating/Waterskiing	17,240	17,158	17,136	17,068	17,051
Beach Swimming	27,613	27,338	27,357	27,474	27,451
Outdoor Pool Swimming	62,230	60,311	59,362	60,348	59,857
Picnicking	39,178	39,015	38,920	38,669	38,398
Camping	43,169	43,005	42,586	42,094	41,862
Visiting Historical Places	22,316	22,244	22,120	21,828	21,549
Bicycling	38,983	38,614	38,746	30,094	39,193
Baseball/Softball	42,644	41,662	41,192	41,652	41,412
Golf	50,543	50,215	49,381	48,446	47,677
Tennis	14,544	14,584	14,729	14,758	14,902
Jogging	21,502	22,253	22,971	22,579	22,710
Sailing	1,141	1,993	1,248	1,235	1,279
Canoeing	950	964	980	973	972
Hiking	4,876	4,800	4,757	4,772	4,730
Horseback Riding	1,313	1,279	1,213	1,183	1,149
Archery	5,417	5,647	5,913	5,873	6,024
Trap Shooting	1,193	2,084	2,180	2,158	2,233
Soccer	0	0	0	0	0
Horseshoes	1,082	1,126	1,175	1,155	1,159

APPENDIX TABLE 0-3  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR2, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	18,358	18,784	19,743	29,359	20,531
Waterfowl Hunting	19,120	19,554	20,540	21,191	21,305
Big Game Hunting	12,629	12,942	13,625	14,067	14,307
Nongame Hunting	7,933	8,107	8,529	8,808	8,704
Ice Fishing	14,416	14,612	15,110	15,511	15,867
Cross-Country Skiing	4,575	4,627	4,792	4,932	4,979
Downhill Skiing	7,958	8,059	8,368	8,614	8,583
Snowmobiling	22,664	22,892	23,680	24,382	24,470
Sledding	12,966	12,900	13,087	13,428	13,179
Ice Skating	15,855	15,952	16,441	16,897	16,534
Hockey	1,979	1,974	2,005	2,063	2,083
Fishing	35,724	36,099	37,198	38,159	38,980
Powerboating/Waterskiing	19,916	20,163	20,904	21,505	21,549
Beach Swimming	20,416	20,572	21,223	21,830	21,539
Outdoor Pool Swimming	14,924	14,864	15,102	15,495	15,172
Picnicking	27,949	28,199	29,034	29,706	29,781
Camping	27,633	27,989	29,016	29,810	29,798
Visiting Historical Places	15,925	16,111	16,633	17,029	17,261
Bicycling	12,472	12,598	13,046	13,410	13,159
Baseball/Softball	11,430	11,531	11,913	12,254	12,011
Golf	7,539	7,676	8,018	8,260	8,315
Tennis	4,276	4,323	4,490	4,625	4,504
Jogging	3,990	4,047	4,209	4,311	4,210
Sailing	1,653	1,670	1,731	1,782	1,748
Canoeing	1,371	1,400	1,472	1,520	1,484
Hiking	769	795	847	874	847
Horseback Riding	3,230	3,265	3,384	3,479	3,426
Archery	731	738	766	791	758
Trap Shooting	1,453	1,498	1,595	1,640	1,590
Soccer	269	260	251	256	252
Horseshoes	674	700	748	771	782

APPENDIX TABLE O-4  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR2, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	134,002	137,329	144,717	149,379	150,988
Waterfowl Hunting	190,023	194,670	205,120	211,845	212,791
Big Game Hunting	56,034	57,439	60,512	62,464	63,140
Nongame Hunting	56,159	57,498	60,578	62,554	62,256
Ice Fishing	89,662	90,932	93,921	96,176	98,178
Cross-Country Skiing	23,204	23,547	24,495	25,254	25,513
Downhill Skiing	36,977	37,153	38,163	39,251	38,895
Snowmobiling	283,133	286,389	297,073	306,358	306,973
Sledding	103,818	102,251	102,168	104,597	102,727
Ice Skating	112,273	111,384	112,610	115,450	112,962
Hockey	18,229	17,834	17,607	18,054	17,995
Fishing	290,029	293,314	301,981	309,225	319,129
Powerboating/Waterskiing	239,837	242,897	251,591	258,427	260,328
Beach Swimming	209,104	209,948	215,396	221,397	219,686
Outdoor Pool Swimming	164,795	161,306	159,821	163,398	161,144
Picnicking	110,024	110,262	112,642	115,300	114,753
Camping	213,314	216,162	224,346	230,507	229,822
Visiting Historical Places	40,877	41,259	42,470	43,447	44,231
Bicycling	330,872	330,375	336,691	345,338	339,464
Baseball/Softball	136,799	137,477	141,273	145,295	143,037
Golf	87,497	88,937	92,383	95,029	96,937
Tennis	55,358	56,284	58,864	60,720	59,428
Jogging	130,442	133,348	139,833	143,014	141,110
Sailing	17,558	17,730	18,356	18,898	18,621
Canoeing	3,051	3,111	3,270	3,376	3,305
Hiking	1,752	1,807	1,922	1,984	1,919
Horseback Riding	34,262	34,039	34,486	35,308	34,554
Archery	7,690	7,816	8,194	8,471	8,088
Trap Shooting	15,315	15,967	17,193	17,644	17,041
Soccer	2,872	2,770	2,676	2,735	2,690
Horseshoes	1,408	1,467	1,577	1,627	1,618

APPENDIX TABLE 0-5  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR3, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	5,009	5,050	5,181	5,245	4,949
Waterfowl Hunting	9,249	9,364	9,688	9,863	9,077
Big Game Hunting	3,781	3,856	3,989	3,989	3,669
Nongame Hunting	2,781	2,823	2,916	2,947	2,719
Ice Fishing	4,850	4,879	4,957	4,959	4,807
Cross-Country Skiing	2,126	2,176	2,300	2,362	2,052
Downhill Skiing	3,822	3,821	3,947	4,125	3,823
Snowmobiling	11,480	11,539	11,946	12,376	11,392
Sledding	5,839	5,831	6,056	6,411	5,852
Ice Skating	5,062	5,021	5,185	5,533	5,124
Hockey	1,152	1,142	1,180	1,260	1,168
Fishing	13,678	13,745	14,068	14,287	13,577
Powerboating/Waterskiing	11,082	11,169	11,637	12,097	10,951
Beach Swimming	8,489	8,505	8,844	9,304	8,464
Outdoor Pool Swimming	9,156	9,140	9,502	10,091	9,179
Picnicking	14,033	14,126	14,565	14,898	13,892
Camping	10,646	10,730	11,115	11,435	10,521
Visiting Historical Places	5,813	5,848	5,958	5,972	5,760
Bicycling	6,502	6,529	6,809	7,160	6,460
Baseball/Softball	3,789	3,831	4,017	4,205	3,726
Golf	4,687	4,733	4,886	4,976	4,618
Tennis	2,861	2,865	2,984	3,157	2,857
Jogging	1,064	1,088	1,151	1,189	1,026
Sailing	596	596	614	634	595
Canoeing	574	585	624	657	557
Hiking	275	285	307	320	260
Horseback Riding	807	810	844	885	802
Archery	0	0	0	0	0
Trap Shooting	184	197	218	223	165
Soccer	0	0	0	0	0
Horseshoes	275	292	324	331	248

APPENDIX TABLE 0-6  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR3, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	21,316	21,672	22,464	22,739	20,783
Waterfowl Hunting	74,132	75,084	77,378	78,231	72,710
Big Game Hunting	15,647	15,988	16,577	16,572	15,136
Nongame Hunting	30,927	31,222	32,151	32,696	30,485
Ice Fishing	36,234	36,387	36,458	35,718	36,009
Cross-Country Skiing	11,806	12,115	12,884	13,286	11,341
Downhill Skiing	19,828	19,689	20,272	21,478	20,037
Snowmobiling	172,779	172,687	178,236	186,273	172,921
Sledding	57,409	56,752	58,598	62,923	58,394
Ice Skating	63,410	62,399	64,002	68,946	64,927
Hockey	21,012	20,544	20,984	22,698	21,712
Fishing	68,048	68,392	69,399	69,475	67,536
Powerboating/Waterskiing	92,839	93,080	96,300	100,105	92,481
Beach Swimming	61,089	61,014	63,191	66,506	61,202
Outdoor Pool Swimming	141,154	141,160	147,199	156,584	141,146
Picnicking	45,842	46,145	47,536	48,487	45,388
Camping	59,340	59,530	61,226	62,908	59,055
Visiting Historical Places	10,901	11,010	11,209	11,146	10,738
Bicycling	244,337	246,525	259,599	274,564	241,060
Baseball/Softball	36,610	36,516	37,777	39,883	36,751
Golf	63,395	63,285	63,375	62,813	63,564
Tennis	18,561	18,514	19,253	20,514	18,632
Jogging	17,532	17,597	18,172	18,820	17,435
Sailing	4,311	4,424	4,662	4,752	4,143
Canoeing	2,142	2,142	2,242	2,394	2,141
Hiking	1,100	1,139	1,230	1,279	1,041
Horseback Riding	6,135	6,037	6,168	6,609	6,283
Archery	0	0	0	0	0
Trap Shooting	828	885	982	1,002	741
Soccer	0	0	0	0	0
Horseshoes	275	292	324	331	248



APPENDIX TABLE O-7  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR4, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	7,820	8,135	8,480	8,649	8,328
Waterfowl Hunting	13,144	13,638	14,154	14,430	14,211
Big Game Hunting	7,856	8,174	8,501	8,685	8,678
Nongame Hunting	4,087	4,283	4,511	4,614	4,224
Ice Fishing	5,604	5,791	6,004	6,119	5,847
Cross-Country Skiing	5,594	5,818	6,105	6,230	6,024
Downhill Skiing	3,649	3,726	3,824	3,889	3,762
Snowmobiling	15,406	15,774	16,237	16,527	15,799
Sledding	15,632	15,851	16,231	16,489	15,067
Ice Skating	15,056	15,242	15,570	15,813	14,575
Hockey	5,158	5,272	5,424	5,516	5,160
Fishing	23,251	23,690	24,198	24,592	24,749
Powerboating/Waterskiing	9,033	9,243	9,532	9,702	9,244
Beach Swimming	11,813	12,024	12,379	12,592	11,762
Outdoor Pool Swimming	15,408	15,460	15,639	15,850	14,845
Picnicking	28,671	29,237	30,006	30,460	29,654
Camping	14,745	15,067	15,525	15,800	15,117
Visiting Historical Places	15,390	15,734	16,219	16,466	15,737
Bicycling	15,949	16,343	16,930	17,237	16,153
Baseball/Softball	9,518	9,829	10,242	10,435	9,777
Golf	10,096	10,433	10,793	10,999	11,180
Tennis	5,158	5,237	5,353	5,438	5,146
Jogging	4,355	4,501	4,714	5,807	4,509
Sailing	0	0	0	0	0
Canoeing	1,834	1,871	1,930	1,964	1,763
Hiking	1,799	1,891	2,016	2,065	1,870
Horseback Riding	2,242	2,294	2,378	2,419	2,182
Archery	250	262	274	281	293
Trap Shooting	3,345	3,456	3,610	3,583	3,318
Soccer	0	0	0	0	0
Horseshoes	804	855	914	939	850

APPENDIX TABLE 0-8  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR4, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	28,336	29,456	30,703	31,298	29,979
Waterfowl Hunting	81,429	84,788	88,497	90,290	86,416
Big Game Hunting	41,108	43,083	45,275	46,327	44,675
Nongame Hunting	40,733	42,821	45,340	46,407	41,337
Ice Fishing	31,754	32,078	32,253	32,333	31,429
Cross-Country Skiing	34,617	36,094	37,861	38,675	38,606
Downhill Skiing	17,977	18,488	19,070	19,418	18,786
Snowmobiling	152,820	156,233	160,306	163,035	155,989
Sledding	114,982	115,473	116,836	118,415	108,228
Ice Skating	196,219	196,844	198,778	201,399	184,694
Hockey	83,971	84,406	85,235	86,350	80,293
Fishing	99,330	100,870	102,433	104,005	107,376
Powerboating/Waterskiing	90,923	91,959	93,640	95,129	89,484
Beach Swimming	93,243	93,991	95,546	96,991	91,044
Outdoor Pool Swimming	186,390	184,508	183,539	185,512	174,757
Picnicking	106,712	107,476	108,853	110,312	106,139
Camping	82,448	83,999	86,262	87,744	83,734
Visiting Historical Places	32,775	33,735	35,047	35,665	33,899
Bicycling	393,786	403,024	416,183	423,489	396,310
Baseball/Softball	85,434	88,238	91,999	93,784	86,676
Golf	137,491	141,133	144,084	146,485	155,310
Tennis	57,129	56,327	55,474	55,894	54,271
Jogging	143,277	150,689	160,782	164,632	151,332
Sailing	0	0	0	0	0
Canoeing	3,597	3,655	3,752	3,814	3,441
Hiking	7,786	8,168	8,693	8,895	7,941
Horseback Riding	23,217	23,397	23,726	24,034	21,765
Archery	315	327	335	343	400
Trap Shooting	28,297	29,390	30,838	31,482	27,847
Soccer	0	0	0	0	0
Horseshoes	5,236	5,595	6,037	6,201	5,310

APPENDIX TABLE O-9  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR5, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	15,106	15,347	15,774	15,842	15,725
Waterfowl Hunting	16,038	16,255	16,658	16,735	16,597
Big Game Hunting	10,186	10,419	10,804	10,845	10,770
Nongame Hunting	5,160	5,278	5,500	5,538	5,396
Ice Fishing	4,721	4,783	4,887	4,901	4,877
Cross-Country Skiing	7,839	7,931	8,090	8,132	8,165
Downhill Skiing	1,414	1,420	1,437	1,446	1,445
Snowmobiling	14,703	14,805	15,072	15,173	15,036
Sledding	14,983	14,978	15,186	15,362	14,921
Ice Skating	13,305	13,334	13,548	13,690	13,359
Hockey	1,959	1,966	1,995	2,014	1,984
Fishing	14,689	14,855	15,188	15,252	15,092
Powerboating/Waterskiing	4,113	4,171	4,292	4,317	4,240
Beach Swimming	8,262	8,303	8,461	8,538	8,359
Outdoor Pool Swimming	16,284	16,124	16,130	16,315	15,930
Picnicking	30,087	30,319	30,880	31,038	30,660
Camping	13,386	13,469	13,700	13,789	13,636
Visiting Historical Places	13,217	13,326	13,545	13,580	13,528
Bicycling	19,975	20,104	20,471	20,646	20,326
Baseball/Softball	17,413	17,566	17,955	18,091	17,735
Golf	15,142	15,358	15,694	15,692	15,764
Tennis	8,107	8,243	8,525	8,597	8,394
Jogging	7,106	7,228	7,464	7,518	7,383
Sailing	287	294	308	311	300
Canoeing	384	396	419	422	405
Hiking	1,462	1,462	1,478	1,484	1,462
Horseback Riding	2,819	2,829	2,882	2,912	2,836
Archery	466	476	496	501	481
Trap Shooting	1,797	1,831	1,885	1,892	1,899
Soccer	319	310	299	301	306
Horseshoes	873	903	954	962	925

APPENDIX TABLE 0-10  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR5, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	87,501	89,312	92,945	92,966	91,706
Waterfowl Hunting	108,142	109,967	113,220	113,683	112,241
Big Game Hunting	52,059	53,413	55,635	55,835	55,318
Nongame Hunting	39,335	40,610	42,820	43,076	41,885
Ice Fishing	28,201	28,531	29,058	29,016	28,565
Cross-Country Skiing	50,566	51,182	52,142	52,333	52,975
Downhill Skiing	4,079	4,074	4,079	4,101	4,174
Snowmobiling	154,196	155,811	159,594	160,798	158,166
Sledding	87,724	86,974	87,270	88,361	85,674
Ice Skating	118,682	117,899	118,456	119,673	116,569
Hockey	29,317	29,037	29,007	29,351	28,670
Fishing	93,639	94,393	95,634	95,624	95,937
Powerboating/Waterskiing	25,247	25,571	26,217	26,067	25,770
Beach Swimming	31,741	31,819	32,243	32,428	32,064
Outdoor Pool Swimming	242,132	238,826	237,942	240,927	234,498
Picnicking	83,216	84,120	85,971	86,419	85,468
Camping	61,597	61,733	62,304	62,594	62,543
Visiting Historical Places	26,636	26,784	27,064	27,094	27,180
Bicycling	482,195	484,575	493,198	498,014	487,463
Baseball/Softball	195,435	197,122	202,004	203,893	197,955
Golf	188,790	189,954	190,747	190,085	196,017
Tennis	96,140	97,044	99,030	99,652	98,867
Jogging	172,334	175,602	181,273	182,227	180,162
Sailing	287	294	308	311	300
Canoeing	751	768	802	810	778
Hiking	26,705	26,909	27,511	27,805	27,072
Horseback Riding	27,019	27,145	27,249	27,244	28,296
Archery	2,085	2,140	2,248	2,268	2,177
Trap Shooting	6,810	6,897	6,993	6,993	7,201
Soccer	2,824	2,745	2,659	2,690	2,679
Horseshoes	4,211	4,383	4,674	4,718	4,534

APPENDIX TABLE 0-11  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR6, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	8,177	8,157	7,976	7,657	7,360
Waterfowl Hunting	10,685	10,635	10,393	10,003	9,625
Big Game Hunting	6,315	6,355	6,266	6,018	5,795
Nongame Hunting	5,144	5,174	5,133	4,975	4,815
Ice Fishing	6,913	6,905	6,799	6,586	6,358
Cross-Country Skiing	2,354	2,366	2,352	2,285	2,212
Downhill Skiing	1,580	1,527	1,458	1,419	1,363
Snowmobiling	10,352	10,276	10,079	9,789	9,455
Sledding	8,057	7,893	7,712	7,602	7,375
Ice Skating	6,237	6,104	5,926	5,790	5,591
Hockey	880	838	792	775	746
Fishing	21,579	21,304	20,667	19,892	19,093
Powerboating/Waterskiing	8,452	8,334	8,120	7,890	7,603
Beach Swimming	10,247	10,061	9,831	9,660	9,358
Outdoor Pool Swimming	13,408	13,076	12,693	12,470	12,068
Picnicking	25,633	25,294	24,623	23,842	22,947
Camping	13,479	13,328	13,040	12,682	12,245
Visiting Historical Places	10,733	10,625	10,351	9,965	9,590
Bicycling	10,142	10,059	9,941	9,773	9,493
Baseball/Softball	9,268	9,179	9,021	8,819	8,545
Golf	6,769	6,733	6,545	6,243	5,983
Tennis	3,104	3,089	3,046	2,975	2,881
Jogging	3,222	3,205	3,165	3,096	3,000
Sailing	372	374	375	371	362
Canoeing	1,249	1,224	1,184	1,151	1,107
Hiking	444	443	432	411	396
Horseback Riding	1,910	1,875	1,823	1,780	1,718
Archery	275	284	289	282	275
Trap Shooting	417	418	407	384	366
Soccer	813	802	792	782	761
Horseshoes	986	994	986	955	923

APPENDIX TABLE O-12  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR6, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	45,962	46,198	45,675	44,111	42,601
Waterfowl Hunting	86,255	86,002	84,333	81,386	78,460
Big Game Hunting	30,135	30,527	30,388	29,330	28,354
Nongame Hunting	35,235	35,568	35,495	34,532	33,519
Ice Fishing	31,271	31,471	31,145	30,077	29,033
Cross-Country Skiing	18,448	18,850	19,145	18,784	18,332
Downhill Skiing	7,973	7,690	7,395	7,289	7,052
Snowmobiling	80,233	79,482	77,899	75,842	73,315
Sledding	60,162	58,756	57,298	56,594	54,928
Ice Skating	50,132	48,879	47,247	46,176	44,543
Hockey	27,240	26,429	25,629	25,313	24,595
Fishing	131,323	130,290	126,887	121,770	117,047
Powerboating/Waterskiing	43,111	43,136	42,722	41,623	40,299
Beach Swimming	53,998	52,575	50,968	50,162	48,516
Outdoor Pool Swimming	150,130	144,029	137,735	135,850	131,203
Picnicking	91,037	90,184	88,232	85,590	82,531
Camping	64,732	63,917	62,230	61,161	57,901
Visiting Historical Places	25,470	25,100	24,248	23,188	22,214
Bicycling	196,887	193,359	188,637	184,675	178,493
Baseball/Softball	112,463	110,521	108,063	106,068	102,848
Golf	101,254	99,967	95,395	89,143	84,657
Tennis	29,803	29,136	28,375	27,956	27,065
Jogging	48,723	48,776	48,304	47,007	45,510
Sailing	372	374	375	371	362
Canoeing	11,681	13,113	12,363	11,967	11,426
Hiking	6,417	6,350	6,080	5,748	5,428
Horseback Riding	20,692	19,611	18,559	18,443	17,782
Archery	625	647	662	645	630
Trap Shooting	3,421	3,492	3,492	3,357	3,245
Soccer	15,950	15,935	15,898	15,679	15,286
Horseshoes	3,848	3,834	3,722	3,554	3,392

APPENDIX TABLE 0-13  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR7, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	17,586	18,195	19,803	20,991	22,290
Waterfowl Hunting	12,721	13,119	14,171	14,985	15,858
Big Game Hunting	9,692	10,081	11,033	11,673	12,399
Nongame Hunting	8,260	8,601	9,474	10,068	10,746
Ice Fishing	11,109	11,479	12,490	13,261	14,072
Cross-Country Skiing	4,591	4,709	5,075	5,391	5,697
Downhill Skiing	2,252	2,314	2,502	2,657	2,811
Snowmobiling	15,709	16,141	17,483	18,631	19,763
Sledding	17,610	17,784	18,917	20,326	21,500
Ice Skating	14,286	14,457	15,408	16,536	17,484
Hockey	1,338	1,341	1,404	1,503	1,579
Fishing	41,415	42,338	45,257	47,893	50,427
Powerboating/Waterskiing	11,741	12,044	13,032	13,908	14,814
Beach Swimming	19,346	19,698	21,122	22,588	23,889
Outdoor Pool Swimming	15,800	15,924	16,861	18,093	19,071
Picnicking	35,522	36,353	39,012	41,390	43,656
Camping	30,898	31,626	34,063	36,273	38,355
Visiting Historical Places	20,905	21,297	22,643	23,951	25,180
Bicycling	13,122	13,357	14,313	15,307	16,171
Baseball/Softball	12,087	12,371	13,337	14,226	15,055
Golf	7,730	7,913	8,416	8,836	9,278
Tennis	4,156	4,263	4,622	4,944	5,241
Jogging	5,457	5,645	6,194	6,620	7,041
Sailing	2,020	2,072	2,244	2,395	2,535
Canoeing	1,018	1,065	1,194	1,282	1,382
Hiking	1,845	1,892	2,032	2,153	2,268
Horseback Riding	3,503	3,586	3,875	4,147	4,391
Archery	541	561	621	669	722
Trap Shooting	1,469	1,521	1,671	1,789	1,917
Soccer	72	71	72	78	82
Horseshoes	1,613	1,692	1,870	1,973	2,100

APPENDIX TABLE O-14  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR7, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	102,688	106,927	117,515	124,701	132,973
Waterfowl Hunting	79,189	81,841	88,809	94,034	99,745
Big Game Hunting	36,862	38,557	42,617	45,167	48,230
Nongame Hunting	59,341	62,061	68,798	73,126	78,298
Ice Fishing	65,167	67,999	75,051	79,673	85,071
Cross-Country Skiing	34,286	35,660	39,213	41,654	44,269
Downhill Skiing	8,080	8,265	8,906	9,508	10,047
Snowmobiling	168,726	174,981	192,611	205,809	220,296
Sledding	128,226	127,942	133,861	144,222	152,098
Ice Skating	87,850	88,291	93,390	100,551	106,340
Hockey	16,770	16,778	17,600	18,919	19,908
Fishing	289,016	294,973	312,791	329,226	345,201
Powerboating/Waterskiing	71,172	72,997	78,915	84,194	89,624
Beach Swimming	107,910	109,369	116,580	124,855	131,848
Outdoor Pool Swimming	200,961	199,198	205,961	221,618	232,523
Picnicking	147,741	150,856	161,731	172,080	181,654
Camping	180,485	184,306	197,070	209,056	220,330
Visiting Historical Places	59,052	60,167	63,970	67,563	70,924
Bicycling	337,957	340,227	360,572	387,996	409,496
Baseball/Softball	134,950	137,892	148,910	159,541	169,491
Golf	150,677	153,497	161,847	169,703	177,359
Tennis	46,933	48,550	53,468	57,366	61,132
Jogging	164,917	171,313	188,362	200,572	213,407
Sailing	20,392	20,791	22,450	24,127	25,599
Canoeing	2,346	2,428	2,679	2,881	3,097
Hiking	30,031	31,017	33,390	35,080	36,912
Horseback Riding	35,029	36,022	39,136	41,811	44,202
Archery	5,111	5,382	6,086	6,536	7,100
Trap Shooting	24,199	24,383	25,845	27,765	29,432
Soccer	2,607	2,548	2,599	2,817	2,955
Horseshoes	11,835	12,038	12,321	12,648	12,828



APPENDIX TABLE 0-15  
 PROJECTED NUMBER OF PARTICIPANTS FROM SR8, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	5,584	5,641	5,675	5,602	5,499
Waterfowl Hunting	2,403	2,441	2,479	2,448	2,398
Big Game Hunting	3,268	3,334	3,385	3,347	3,287
Nongame Hunting	3,496	3,556	3,612	3,577	3,512
Ice Fishing	2,247	2,265	2,264	2,226	2,186
Cross-Country Skiing	1,134	1,144	1,150	1,138	1,120
Downhill Skiing	415	408	403	404	398
Snowmobiling	8,063	8,039	8,050	8,033	7,901
Sledding	8,164	8,060	8,036	8,074	7,953
Ice Skating	6,004	5,871	5,768	5,781	5,703
Hockey	152	145	131	126	124
Fishing	12,637	12,569	12,529	12,415	12,204
Powerboating/Waterskiing	5,128	5,139	5,209	5,232	5,143
Beach Swimming	5,265	5,186	5,155	5,178	5,104
Outdoor Pool Swimming	6,240	6,133	6,096	6,140	6,054
Picnicking	13,188	13,150	13,157	13,099	12,890
Camping	11,419	11,440	11,577	11,596	11,405
Visiting Historical Places	7,483	7,479	7,487	7,425	7,300
Bicycling	5,678	5,613	5,601	5,620	5,533
Baseball/Softball	2,521	2,538	2,571	2,570	2,527
Golf	2,436	2,468	2,486	2,452	2,408
Tennis	1,921	1,896	1,890	1,901	1,874
Jogging	2,156	2,162	2,192	2,193	2,156
Sailing	201	212	229	230	225
Canoeing	201	212	229	230	225
Hiking	864	852	847	852	840
Horseback Riding	837	833	833	827	816
Archery	453	450	455	460	453
Trap Shooting	60	57	50	46	46
Soccer	0	0	0	0	0
Horseshoes	442	448	446	433	425

APPENDIX TABLE 0-16  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM SR8, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	39,748	40,237	40,466	39,892	39,166
Waterfowl Hunting	13,577	13,924	14,315	14,186	13,893
Big Game Hunting	12,778	13,012	13,212	13,092	12,866
Nongame Hunting	32,367	32,785	33,264	33,105	32,549
Ice Fishing	9,339	9,414	9,393	9,241	9,084
Cross-Country Skiing	11,915	11,659	11,042	10,666	10,531
Downhill Skiing	1,565	1,540	1,531	1,541	1,518
Snowmobiling	117,029	116,907	117,580	117,718	115,849
Sledding	50,967	49,487	48,418	48,698	48,073
Ice Skating	41,149	39,644	38,243	38,300	37,847
Hockey	1,380	1,310	1,192	1,147	1,133
Fishing	80,017	79,535	79,248	78,523	77,147
Powerboating/Waterskiing	42,526	42,792	43,405	43,507	42,810
Beach Swimming	22,973	22,776	22,755	22,840	22,516
Outdoor Pool Swimming	78,546	75,619	73,447	74,113	73,258
Picnicking	45,951	45,729	45,721	45,576	44,861
Camping	64,168	64,376	65,309	65,328	64,243
Visiting Historical Places	16,469	16,420	16,373	16,190	15,902
Bicycling	125,538	122,075	119,448	119,850	118,287
Baseball/Softball	16,582	16,705	16,837	16,769	16,505
Golf	48,723	49,361	49,346	48,309	47,494
Tennis	33,260	31,831	30,464	30,511	30,218
Jogging	73,202	72,922	72,987	72,112	70,924
Sailing	402	425	457	461	451
Canoeing	480	431	463	466	457
Hiking	6,853	6,674	6,139	5,770	5,745
Horseback Riding	9,031	8,893	8,859	8,873	8,770
Archery	453	450	455	460	453
Trap Shooting	835	796	703	650	641
Soccer	0	0	0	0	0
Horseshoes	1,670	1,717	1,751	1,726	1,695

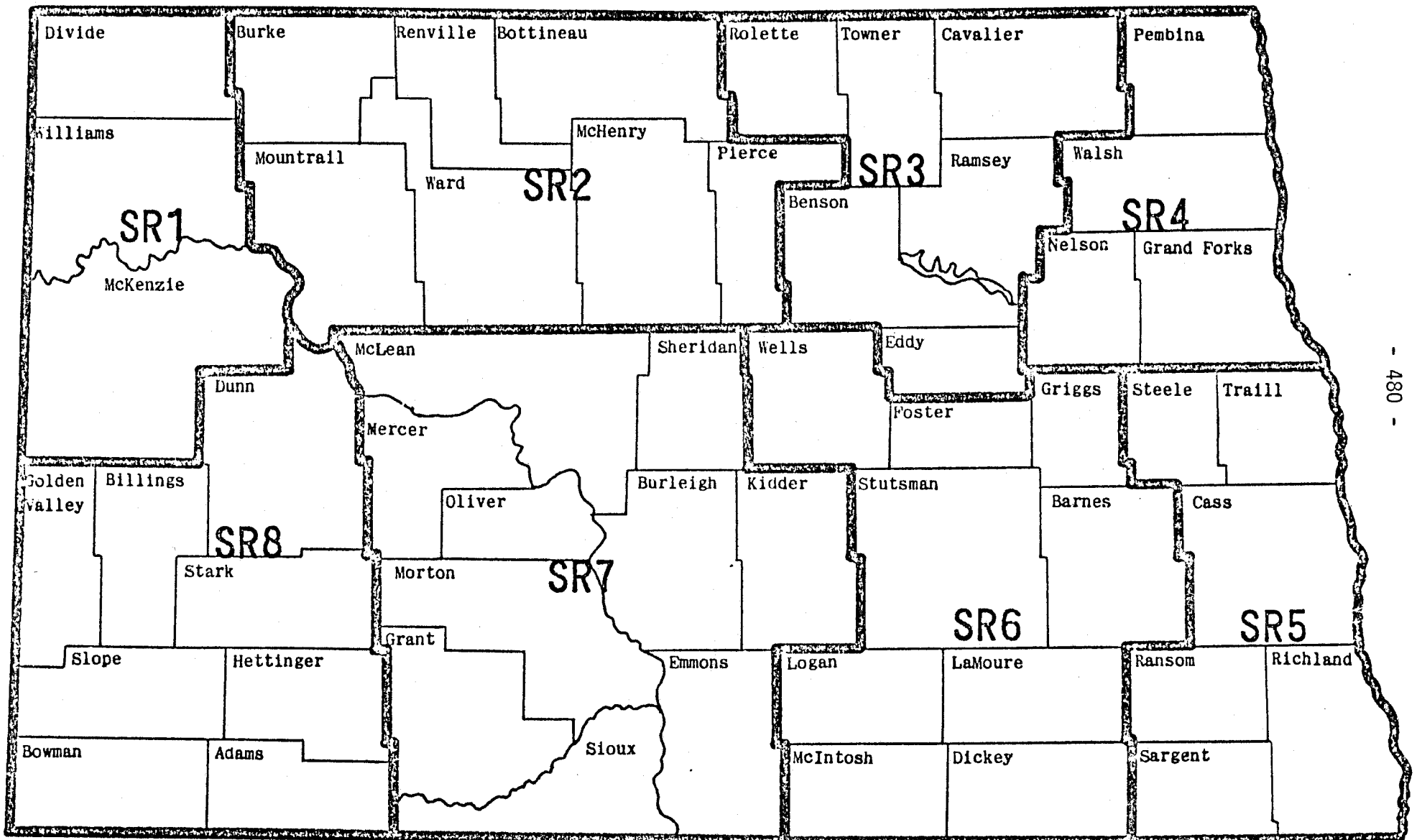
APPENDIX TABLE O-17  
 PROJECTED NUMBER OF PARTICIPANTS FROM NORTH DAKOTA, BY ACTIVITY, AGE/SEX COHORT METHOD,  
 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	85,521	87,325	90,527	92,008	91,542
Waterfowl Hunting	86,471	88,138	91,145	92,616	92,229
Big Game Hunting	57,340	58,855	61,300	62,234	61,988
Nongame Hunting	41,247	42,342	44,299	45,159	44,405
Ice Fishing	54,567	55,490	57,222	58,901	57,844
Cross-Country Skiing	28,469	28,987	30,025	30,569	30,381
Downhill Skiing	20,779	20,916	21,432	21,894	21,678
Snowmobiling	103,213	104,371	107,438	109,695	108,655
Sledding	90,291	90,263	92,220	94,762	92,718
Ice Skating	78,731	78,778	80,495	82,590	81,051
Hockey	11,627	11,619	11,810	12,088	11,968
Fishing	179,778	181,366	185,426	188,154	188,210
Powerboating/Waterskiing	83,915	84,856	87,462	89,831	88,187
Beach Swimming	91,409	91,933	94,435	96,804	95,084
Outdoor Pool Swimming	95,913	95,377	96,783	99,423	97,683
Picnicking	190,100	191,838	196,810	200,242	198,967
Camping	134,434	135,920	140,034	142,884	141,234
Visiting Historical Places	98,860	99,771	102,177	103,626	103,461
Bicycling	86,359	87,097	89,712	91,866	90,244
Baseball/Softball	71,036	71,919	74,345	76,064	74,616
Golf	57,259	58,201	59,886	60,650	60,926
Tennis	31,362	31,756	32,879	33,700	32,999
Jogging	29,086	29,684	30,988	31,683	30,976
Sailing	5,888	5,988	6,232	6,385	6,246
Canoeing	7,221	7,355	7,670	7,861	7,660
Hiking	8,415	8,534	8,829	9,006	8,881
Horseback Riding	16,428	16,563	17,064	17,488	17,177
Archery	3,286	3,371	3,548	3,642	3,520
Trap Shooting	8,508	8,743	9,183	9,380	9,182
Soccer	1,687	1,672	1,690	1,738	1,709
Horseshoes	6,649	6,897	7,288	7,405	7,276

APPENDIX TABLE 0-18  
 PROJECTED TOTAL DAYS OF PARTICIPATION FROM NORTH DAKOTA, BY ACTIVITY, AGE/SEX COHORT  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	508,834	522,270	545,280	554,747	548,920
Waterfowl Hunting	647,274	661,730	687,037	698,333	692,367
Big Game Hunting	258,495	266,383	279,104	283,711	280,844
Nongame Hunting	328,515	338,246	355,265	362,327	355,079
Ice Fishing	324,178	330,563	341,070	344,978	343,236
Cross-Country Skiing	192,072	196,364	204,024	207,428	206,730
Downhill Skiing	90,924	91,086	92,965	95,197	93,956
Snowmobiling	1,185,234	1,198,560	1,235,160	1,262,830	1,245,560
Sledding	645,783	638,613	644,395	663,207	650,084
Ice Skating	681,905	675,838	683,169	702,160	689,421
Hockey	187,486	185,463	186,898	192,122	188,810
Fishing	1,169,321	1,179,455	1,202,291	1,215,660	1,224,064
Powerboating/Waterskiing	668,257	674,975	694,633	709,017	701,070
Beach Swimming	596,369	596,910	609,512	624,876	615,254
Outdoor Pool Swimming	1,224,038	1,202,785	1,203,399	1,238,066	1,219,490
Picnicking	688,181	693,509	711,232	724,914	718,187
Camping	783,942	791,360	812,853	828,353	822,211
Visiting Historical Places	239,052	240,957	246,217	249,257	249,334
Bicycling	2,114,688	2,118,381	2,166,633	2,221,847	2,179,830
Baseball/Softball	181,781	788,169	812,055	832,719	814,539
Golf	826,109	834,384	846,634	851,350	871,192
Tennis	350,909	352,969	362,313	371,237	364,808
Jogging	776,775	795,772	832,441	848,105	832,892
Sailing	49,139	49,771	51,624	52,988	51,674
Canoeing	29,844	29,742	30,080	30,748	30,665
Hiking	91,752	93,059	95,709	96,997	96,808
Horseback Riding	160,885	160,903	163,958	167,972	166,107
Archery	21,781	22,536	23,983	24,632	23,616
Trap Shooting	77,113	78,522	81,664	83,477	81,758
Soccer	28,685	28,755	29,517	30,361	29,588
Horseshoes	30,876	31,586	32,486	32,700	33,450

APPENDIX P  
TOTAL NUMBER OF DAYS OF PARTICIPATION  
OCCURRING BY REGION, BY ACTIVITY,  
STATISTICAL METHOD, 1978, 1980, 1985,  
1990 AND 1995



APPENDIX TABLE P-1  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SRI, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	48,913	49,564	50,712	51,235	51,094
Waterfowl Hunting	24,261	23,133	23,735	22,782	22,612
Big Game Hunting	24,398	23,728	24,038	24,290	25,072
Nongame Hunting	28,240	28,268	28,567	28,045	27,812
Ice Fishing	23,441	23,425	23,533	23,091	22,955
Cross-Country Skiing	5,334	5,206	4,957	4,859	4,696
Downhill Skiing	282	372	487	515	542
Snowmobiling	69,699	80,082	85,748	95,896	116,781
Sledding	59,883	59,966	60,270	60,926	57,388
Ice Skating	50,890	55,310	54,334	57,349	58,906
Hockey	1,299	1,224	1,294	1,290	1,284
Fishing	70,660	76,243	84,859	85,835	87,936
Powerboating/Waterskiing	25,599	27,845	31,351	34,005	34,674
Beach Swimming	25,438	25,672	26,556	27,777	28,663
Outdoor Pool Swimming	53,929	54,395	57,368	61,214	63,986
Picnicking	35,753	36,536	39,145	37,406	39,163
Camping	53,032	54,962	58,994	61,395	63,684
Visiting Historical Places	16,096	16,169	16,608	18,331	18,763
Bicycling	35,116	34,833	36,737	37,498	38,788
Baseball/Softball	37,051	37,100	37,319	38,828	39,451
Golf	52,629	56,504	62,960	68,372	73,813
Tennis	13,219	14,008	15,028	15,968	16,696
Jogging	22,875	23,614	24,811	24,894	25,269
Sailing	1,125	1,150	1,072	1,151	835
Canoeing	659	651	666	668	666
Hiking	3,469	4,063	4,956	5,349	5,674
Horseback Riding	1,795	1,598	2,004	2,127	2,184
Archery	3,563	3,535	3,498	3,444	3,390
Trap Shooting	2,062	2,377	2,750	2,892	3,033
Soccer	0	0	0	0	0
Horseshoes	472	433	311	333	536

APPENDIX TABLE P-2  
TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR2, BY ACTIVITY, STATISTICAL  
METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	124,999	136,222	155,674	169,051	160,248
Waterfowl Hunting	174,573	181,411	191,923	196,853	198,399
Big Game Hunting	52,727	52,884	59,576	61,585	63,461
Nongame Hunting	54,143	50,344	55,983	55,571	56,105
Ice Fishing	81,945	81,992	91,634	94,431	97,130
Cross-Country Skiing	24,385	24,965	25,781	28,244	20,545
Downhill Skiing	50,128	53,509	60,321	66,082	70,269
Snowmobiling	274,609	271,116	312,720	349,576	367,171
Sledding	101,471	101,985	106,615	117,074	120,307
Ice Skating	107,351	109,534	117,447	128,782	136,048
Hockey	16,455	17,044	18,423	20,045	21,240
Fishing	203,553	209,371	226,911	241,636	253,880
Powerboating/Waterskiing	173,766	189,228	217,036	243,315	262,728
Beach Swimming	104,235	114,757	132,505	150,165	162,153
Outdoor Pool Swimming	144,984	145,574	151,848	161,333	167,226
Picnicking	91,240	93,743	100,646	106,818	110,915
Camping	112,756	116,392	125,753	133,393	139,076
Visiting Historical Places	25,699	26,513	28,597	30,351	31,712
Bicycling	298,943	296,275	330,135	352,991	369,388
Baseball/Softball	113,771	122,026	127,446	137,114	142,116
Golf	95,959	108,242	127,939	140,435	151,367
Tennis	48,019	55,455	67,343	79,620	89,032
Jogging	106,571	124,949	155,677	166,421	173,980
Sailing	9,356	10,976	13,396	15,091	16,225
Canoeing	625	687	537	669	692
Hiking	2,217	2,377	2,625	2,836	3,052
Horseback Riding	26,870	23,636	30,235	32,305	33,265
Archery	6,085	6,058	6,224	6,192	6,138
Trap Shooting	15,311	15,995	15,954	16,472	16,694
Soccer	1,773	1,789	1,840	1,888	1,923
Horseshoes	1,608	1,543	1,408	1,362	1,590



APPENDIX TABLE P-3  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR3, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	25,067	25,369	26,946	27,893	28,312
Waterfowl Hunting	124,824	131,948	142,851	149,857	154,040
Big Game Hunting	17,569	17,764	18,570	18,474	18,696
Nongame Hunting	32,967	33,572	35,266	35,619	36,322
Ice Fishing	54,188	54,388	54,436	54,737	53,760
Cross-Country Skiing	11,522	12,439	13,767	15,161	16,455
Downhill Skiing	13,505	13,949	14,941	17,059	18,268
Snowmobiling	175,851	179,088	186,221	196,149	203,965
Sledding	52,197	49,936	51,118	49,937	57,386
Ice Skating	57,583	62,941	73,698	79,936	86,952
Hockey	17,511	19,104	21,697	25,807	28,564
Fishing	123,145	126,232	132,416	135,222	139,140
Powerboating/Waterskiing	93,039	101,137	116,416	132,638	146,357
Beach Swimming	57,428	63,753	74,461	82,828	89,955
Outdoor Pool Swimming	117,589	137,774	173,132	196,670	222,357
Picnicking	53,503	55,309	58,960	61,842	67,803
Camping	60,698	60,690	64,109	65,464	67,534
Visiting Historical Places	16,629	16,863	17,236	17,437	17,886
Bicycling	214,348	249,210	312,318	354,525	401,315
Baseball/Softball	34,322	39,217	47,110	51,247	47,094
Golf	66,462	72,156	82,590	90,398	89,049
Tennis	15,340	17,195	19,835	23,542	26,320
Jogging	19,420	22,965	28,168	33,197	37,523
Sailing	4,416	4,471	4,598	4,731	4,866
Canoeing	2,465	2,869	3,346	3,744	4,170
Hiking	1,450	1,548	1,710	1,784	1,786
Horseback Riding	7,168	6,794	7,029	7,057	7,107
Archery	0	0	0	0	0
Trap Shooting	2,630	2,729	3,003	3,194	3,557
Soccer	0	0	0	0	0
Horseshoes	1,885	2,088	2,310	2,581	2,865

APPENDIX TABLE P-4  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR4, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	14,980	15,507	16,063	16,342	16,089
Waterfowl Hunting	41,294	46,039	56,526	58,756	56,086
Big Game Hunting	19,988	20,660	21,630	21,917	22,095
Nongame Hunting	28,411	30,286	34,830	36,769	35,938
Ice Fishing	15,318	14,587	11,862	14,343	13,314
Cross-Country Skiing	31,491	33,474	37,201	39,445	40,785
Downhill Skiing	17,185	17,606	18,312	25,252	25,799
Snowmobiling	137,933	141,805	146,345	154,919	155,639
Sledding	108,471	105,923	103,148	114,827	107,163
Ice Skating	186,529	205,133	175,154	173,069	153,262
Hockey	84,634	86,470	123,267	126,064	91,714
Fishing	53,438	57,510	62,192	65,292	68,430
Powerboating/Waterskiing	50,369	57,864	77,787	90,419	96,868
Beach Swimming	61,176	82,089	107,777	124,913	132,131
Outdoor Pool Swimming	168,111	157,564	170,944	173,225	168,316
Picnicking	85,397	97,841	116,975	129,709	138,271
Camping	52,418	51,651	58,312	58,180	58,531
Visiting Historical Places	11,742	11,786	12,164	12,231	11,987
Bicycling	329,244	351,786	390,573	430,723	442,277
Baseball/Softball	65,056	68,392	74,640	79,787	79,981
Golf	147,965	170,072	200,052	223,951	229,216
Tennis	51,727	56,375	61,838	68,933	70,655
Jogging	103,613	99,178	119,678	124,708	125,458
Sailing	0	0	0	0	0
Canoeing	1,489	1,617	1,644	1,959	2,242
Hiking	5,287	5,343	5,120	4,889	5,995
Horseback Riding	17,202	20,855	25,456	27,938	29,738
Archery	327	344	376	389	401
Trap Shooting	15,703	17,044	19,970	21,765	22,788
Soccer	0	0	0	0	0
Horseshoes	3,253	3,524	4,251	4,009	3,903

APPENDIX TABLE P-5  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR5, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	61,280	63,691	68,228	69,783	71,020
Waterfowl Hunting	58,962	61,327	65,861	69,547	72,137
Big Game Hunting	34,051	34,473	35,939	35,883	35,555
Nongame Hunting	32,260	31,322	33,635	33,521	25,803
Ice Fishing	27,897	26,276	24,471	22,738	26,464
Cross-Country Skiing	51,171	53,207	61,859	66,457	70,416
Downhill Skiing	5,697	5,782	5,888	6,348	6,354
Snowmobiling	159,918	151,062	162,769	163,144	168,535
Sledding	91,189	87,939	103,544	114,829	119,748
Ice Skating	124,665	127,340	134,077	142,156	145,472
Hockey	30,658	34,308	41,503	43,268	52,627
Fishing	78,398	79,900	83,216	83,690	84,483
Powerboating/Waterskiing	24,171	24,246	29,647	32,047	33,053
Beach Swimming	35,954	38,679	42,628	45,627	46,570
Outdoor Pool Swimming	235,992	235,177	244,136	249,155	249,278
Picnicking	81,520	82,574	84,952	87,160	87,516
Camping	30,256	30,225	31,865	32,053	31,950
Visiting Historical Places	14,119	14,054	14,124	13,928	14,409
Bicycling	449,879	479,679	535,271	585,182	609,700
Baseball/Softball	184,947	179,401	195,965	200,465	201,183
Golf	189,528	202,141	220,732	234,596	253,913
Tennis	86,749	99,266	122,723	133,773	140,842
Jogging	170,253	180,278	205,952	224,163	235,062
Sailing	270	274	283	285	278
Canoeing	1,251	1,309	1,218	1,343	1,373
Hiking	24,908	27,771	31,988	33,650	32,308
Horseback Riding	27,918	24,564	18,289	15,935	11,224
Archery	1,944	2,212	2,696	2,903	3,050
Trap Shooting	9,889	11,622	14,567	15,055	16,038
Soccer	1,300	1,328	1,400	1,539	1,668
Horseshoes	3,592	3,316	2,906	2,677	2,269

APPENDIX TABLE P-6  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR6, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	43,698	45,314	46,934	43,425	42,328
Waterfowl Hunting	105,844	112,601	120,278	123,676	126,047
Big Game Hunting	31,457	32,100	34,551	34,508	34,648
Nongame Hunting	32,090	33,586	35,178	30,034	33,171
Ice Fishing	30,129	30,163	36,090	35,657	36,014
Cross-Country Skiing	16,935	17,865	19,470	19,525	20,135
Downhill Skiing	5,598	6,027	6,431	7,000	7,279
Snowmobiling	86,033	87,288	91,947	93,930	94,867
Sledding	59,183	55,771	49,981	54,337	55,131
Ice Skating	51,563	53,434	57,166	61,051	63,857
Hockey	25,734	30,000	34,504	37,554	39,532
Fishing	140,529	143,247	145,837	144,024	141,924
Powerboating/Waterskiing	48,433	49,730	55,609	59,893	62,421
Beach Swimming	48,828	51,095	54,244	56,612	57,790
Outdoor Pool Swimming	145,671	148,962	158,097	167,090	173,364
Picnicking	88,391	88,398	89,795	92,418	92,688
Camping	74,483	74,693	77,319	78,924	80,008
Visiting Historical Places	12,385	12,720	13,009	12,957	13,438
Bicycling	195,773	205,596	217,080	218,406	230,595
Baseball/Softball	109,671	113,987	123,235	127,065	130,205
Golf	105,899	114,044	123,950	124,392	126,462
Tennis	28,826	31,243	34,945	37,315	38,997
Jogging	50,553	52,401	55,705	57,921	59,368
Sailing	0	0	0	0	0
Canoeing	14,391	15,291	17,073	18,614	19,678
Hiking	7,180	8,462	9,811	9,729	9,929
Horseback Riding	19,430	20,078	20,403	20,863	20,637
Archery	582	528	355	391	693
Trap Shooting	3,086	3,329	3,612	3,535	3,545
Soccer	14,209	16,235	18,695	19,429	20,086
Horseshoes	4,360	4,403	4,408	4,329	4,233

APPENDIX TABLE P-7  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR7, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	117,363	123,438	138,438	151,743	164,082
Waterfowl Hunting	73,723	78,126	87,597	95,307	103,832
Big Game Hunting	36,829	36,801	47,258	50,409	54,304
Nongame Hunting	63,868	62,753	75,357	80,450	85,573
Ice Fishing	74,846	77,259	82,608	87,566	91,327
Cross-Country Skiing	35,623	40,033	47,770	56,198	64,189
Downhill Skiing	1,565	1,541	1,759	1,954	2,069
Snowmobiling	163,413	152,472	180,920	192,002	201,372
Sledding	127,561	136,116	143,375	160,292	176,765
Ice Skating	85,383	90,039	99,126	109,930	120,239
Hockey	15,232	16,578	19,367	22,858	26,177
Fishing	394,508	405,539	436,061	452,209	468,622
Powerboating/Waterskiing	185,049	197,413	223,467	253,502	279,627
Beach Swimming	160,403	177,733	207,523	236,204	262,654
Outdoor Pool Swimming	184,159	199,181	216,972	247,412	273,690
Picnicking	157,068	162,935	179,089	197,852	217,313
Camping	252,302	263,102	289,213	309,535	329,275
Visiting Historical Places	61,898	64,985	70,285	73,306	76,532
Bicycling	311,728	334,982	383,243	430,490	479,087
Baseball/Softball	131,568	127,775	155,373	173,695	192,458
Golf	158,537	177,170	206,985	239,088	269,449
Tennis	42,245	46,483	53,574	59,908	66,315
Jogging	165,681	168,672	179,228	191,670	252,022
Sailing	25,126	28,453	32,223	36,369	39,888
Canoeing	2,798	2,922	3,131	3,396	3,641
Hiking	27,561	29,275	30,205	33,787	36,374
Horseback Riding	30,888	32,054	36,261	39,403	43,594
Archery	4,696	4,427	5,384	5,676	6,066
Trap Shooting	20,457	21,157	23,186	24,893	29,198
Soccer	2,451	2,494	2,642	2,786	2,923
Horseshoes	13,257	13,849	14,991	15,953	16,902

APPENDIX TABLE P-8  
 TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN SR8, BY ACTIVITY, STATISTICAL  
 METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	52,954	55,077	59,306	62,706	64,837
Waterfowl Hunting	11,484	12,092	13,180	13,803	14,268
Big Game Hunting	31,194	32,692	36,781	39,119	40,738
Nongame Hunting	35,698	41,003	48,921	51,587	53,680
Ice Fishing	10,464	10,551	10,897	10,725	10,572
Cross-Country Skiing	13,901	17,455	22,507	26,288	28,846
Downhill Skiing	1,627	1,620	1,602	1,562	1,548
Snowmobiling	116,521	113,441	110,164	115,795	118,458
Sledding	51,899	51,883	51,356	53,348	52,365
Ice Skating	43,463	43,244	44,227	45,913	47,098
Hockey	1,953	2,056	2,263	2,428	2,718
Fishing	71,705	73,105	76,077	75,820	78,072
Powerboating/Waterskiing	28,314	28,475	29,096	28,348	29,348
Beach Swimming	19,396	18,673	17,850	18,933	20,760
Outdoor Pool Swimming	83,287	83,856	87,671	92,754	95,920
Picnicking	49,370	50,596	54,153	51,612	52,294
Camping	92,714	95,364	102,749	108,040	113,023
Visiting Historical Places	71,461	73,664	78,102	81,512	84,943
Bicycling	135,506	145,353	162,763	182,621	197,104
Baseball/Softball	25,463	26,320	28,269	30,031	31,998
Golf	49,850	57,914	68,129	72,511	76,981
Tennis	44,128	47,289	53,219	57,579	60,963
Jogging	83,171	98,673	119,556	126,962	134,630
Sailing	321	319	318	314	309
Canoeing	1,272	1,304	1,369	1,518	1,649
Hiking	11,346	12,664	14,393	14,857	15,483
Horseback Riding	13,751	14,128	14,709	15,132	15,509
Archery	986	964	1,036	1,050	1,069
Trap Shooting	1,491	1,498	1,492	1,494	1,501
Soccer	1,065	1,074	1,104	1,133	1,154
Horseshoes	1,860	1,941	2,494	2,540	2,612

APPENDIX TABLE P-9  
TOTAL NUMBER OF DAYS OF PARTICIPATION OCCURRING IN NORTH DAKOTA, BY ACTIVITY, STATISTICAL  
METHOD, 1978, 1980, 1985, 1990 AND 1995

Activity	Year				
	1978	1980	1985	1990	1995
Upland Game Hunting	489,254	514,682	562,188	592,178	598,008
Waterfowl Hunting	614,965	646,675	701,950	730,580	747,420
Big Game Hunting	248,214	251,100	278,344	286,186	294,569
Nongame Hunting	307,677	311,134	347,737	355,596	354,405
Ice Fishing	318,228	318,639	335,530	343,288	351,535
Cross-Country Skiing	190,361	204,645	233,312	256,176	275,068
Downhill Skiing	95,587	100,408	109,742	125,772	132,129
Snowmobiling	1,183,978	1,176,353	1,276,835	1,361,411	1,426,788
Sledding	651,855	649,519	669,407	725,569	746,255
Ice Skating	707,428	747,026	755,229	798,186	811,833
Hockey	193,477	206,783	262,318	279,314	263,857
Fishing	1,135,941	1,171,146	1,247,568	1,283,726	1,322,487
Powerboating/Waterskiing	628,741	675,938	780,410	875,167	935,818
Beach Swimming	512,906	572,453	663,543	743,058	800,676
Outdoor Pool Swimming	1,133,722	1,162,482	1,260,169	1,348,853	1,414,137
Picnicking	642,242	668,431	723,715	764,816	805,963
Camping	728,659	747,078	808,314	846,984	883,081
Visiting Historical Places	230,029	236,759	250,126	260,055	269,670
Bicycling	1,970,537	2,097,714	2,368,120	2,592,436	2,768,253
Baseball/Softball	701,848	714,219	789,356	838,232	864,485
Golf	866,828	958,243	1,093,336	1,193,742	1,270,250
Tennis	330,254	367,314	429,004	476,637	509,820
Jogging	722,142	770,729	888,775	949,936	1,043,312
Sailing	40,614	45,643	51,890	57,941	62,401
Canoeing	24,951	26,650	29,034	31,911	34,111
Hiking	83,417	91,503	100,809	106,882	110,601
Horseback Riding	145,022	143,758	154,437	160,760	163,257
Archery	18,183	18,068	19,568	20,046	20,807
Trap Shooting	70,631	75,753	84,533	89,302	96,355
Soccer	20,798	22,920	25,681	26,775	27,754
Horseshoes	30,287	31,103	33,081	33,784	34,909





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