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OUTDOOR RECREATION FACILITY ADEQUACY SURVEY

NOVEMBER, DECEMBER 1988

MINNESOTA DEPARTMENT OF NATURAL RESOURCES

TABULATION OF RESULTS

PREPARED BY:

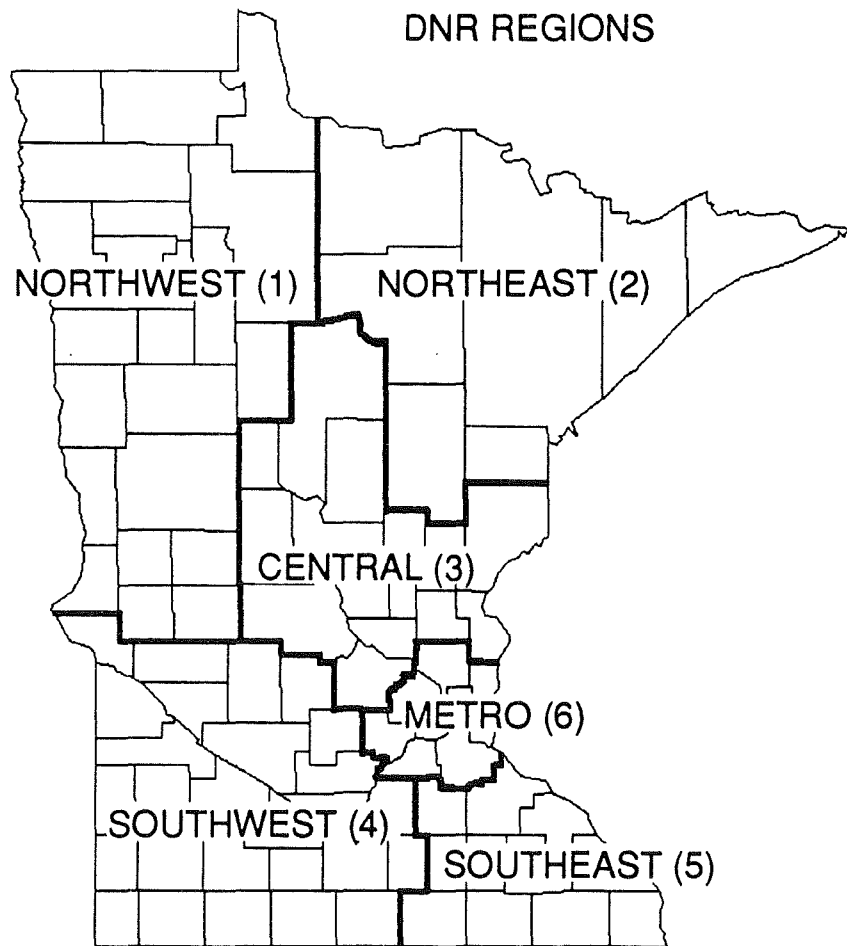
**OFFICE OF PLANNING
MINNESOTA DEPARTMENT OF NATURAL RESOURCES**

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INTRODUCTION

The Minnesota Department of Natural Resources polled 2,400 Minnesota citizens, four hundred from each of the six DNR regions. The purpose of the poll was to gauge the public's perception of the adequacy of outdoor recreation facilities available to their households. The results of this poll will be made part of Minnesota's Statewide Comprehensive Outdoor Recreation Plan and the Department's Strategic Recreation Plan.

The poll was conducted by the Minnesota Center for Survey Research, University of Minnesota - Twin Cities, during the months of November and December 1988. It was conducted concurrently with a public opinion poll on natural resource issues for the Department's strategic planning and marketing effort.



Based on telephone interviews of 2400 Minnesotans. Four-hundred people were randomly selected in each of the six DNR regions. Regional results were projected to statewide results.

READING THE TABLES AND DRAWING CONCLUSIONS

The purpose of the Facility Adequacy Survey was to learn how adults throughout Minnesota feel about the recreation facilities available to their households. The households were contacted by telephone and asked their opinions about 33 types of outdoor recreation facilities. For each facility, the respondents were asked question #1 below and then, depending on their answer, were asked subsequent questions:

1. How important is this facility to the outdoor recreation of people in your household --- "very important", "somewhat important", or "not important"?
2. (If either "very important" or "somewhat important"), In your opinion, does Minnesota need more of these facilities convenient and accessible to your household or are there enough right now?
3. (If "need more"), Would you want these for one-day outings, for overnight trips away from home, or for both?

OVERALL STATEWIDE RESULTS

The statewide results of the three questions listed above are shown in Table 1. The 33 facility types are listed in descending rank-order on the IMPORTANT column. Facilities listed toward the top of the list were viewed as important by a larger percent of Minnesota households than were facilities listed further down.

Overall, the ranking by NEED-MORE is moderately similar to the ranking by IMPORTANT. The correlation* matrix at the bottom of Table 1 shows a moderately strong agreement (.85) between these two rankings. The reason NEED-MORE does not compare better with IMPORTANT is because some facilities have a higher probability of need-more response after an important response. For example, 81% of those who thought paved shoulders for bikes were important gave a need-more response, while only 27.5% of those who thought playgrounds were important gave a need-more response (Table 2). In other words, certain facilities are more likely than others to be perceived as being in short supply by people who think the facility is important.

* The correlation coefficient summarizes the relationship between two variables. A coefficient can range from +1.0 indicating perfect agreement, though 0.0 indicating no relationship, to -1.0 indicating perfect disagreement.

Similarly, the reason the correlation coefficients on Table 1 of need-more with day outings and need-more with overnight trips are not higher is because certain facilities are more likely than others to be demanded for overnight trips than for day-outings. For example, the need-more demand for campgrounds and big game hunting areas is predominantly overnight, while for golf courses and tennis courts the demand is predominantly for day outings (Table 3). Most facilities have a greater need-more demand for day outings than for overnight trips.

REGIONAL COMPARISONS

Minnesotans from all areas of the state have similar priorities for outdoor recreation facilities both in terms of importance and need. Tables 4 through 9 show the regional results for each of the six DNR regions with each table showing the comparison between statewide and region rank for each facility. The level of importance for each facility across all regions is summarized on Table 10. The correlation matrix at the bottom of Table 10 shows strong agreement between all regions on the rank-order of IMPORTANT - the correlation between every pair of regions is at least .90.

The level of need for additional facilities across all regions is shown on Table 11. The correlation matrix at the bottom of this table shows strong agreement between all regions on the rank-order of NEED-MORE - the correlation between every pair of regions is at least .86. Table 12 shows each region's contribution to the statewide need for each facility. Note that a region's contribution to statewide need is not, overall, markedly different than its contribution to population. This is simply another demonstration of strong inter-regional correlation.

Overall need is further broken down by day-outing needs and overnight needs in the last four tables (Table 13 through Table 16). The agreement between regions on the ranking of day outing needs and of overnight needs shown at the bottoms of Tables 13 and 15 is again quite strong, just as it was for overall need (Table 11). Again, the Origin tables 14 & 16 (like Table 12) are another demonstration of strong inter-regional correlation.

LOCATION OF NEED-MORE DEMAND

The survey did not ask respondents to give the specific location of the need-more demand. However, a good indication of the locations respondents had in mind when they said they needed more of a facility is the places they currently use. For example, if certain people said they needed more facilities for overnight trips, the likely places they had in mind for these facilities are the places where they currently travel on overnight trips. And the more frequently a place is the destination of overnight trips, the more likely it is the location of the respondents' need-more demand for overnight trips. The same is true for day outings.

The top places in the state where Minnesotans travel for day outings and overnight trips are displayed on Chart 1 and 2, respectively. Both charts are intended to provide general guidance on the locations in the state where the need-more demands are likely to be highest. The areas of highest accessibility to day-outing recreators are centered on the Twin Cities and regional population centers (Chart 1). The areas of highest accessibility to overnight recreators are centered much more on the lake regions to the north and west of the Twin Cities, although the Twin Cities remains an area of high accessibility (Chart 2).

It is important to note that a region's contribution to these statewide charts is largely the same as its contribution to the statewide need-more demand for facilities. Both contributions are basically proportional to regional population. Had the contributions to the charts and need-more demand been markedly different, the charts would have been more complicated to create and explain, because normalizing for these differences would be required.

TABLE 1

STATEWIDE

(Percent of adults)

S FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1 Natural park areas	57.9	33.1	91.0	35.7	52.6	20.4	25.2
2 Wildlife & nature observation	53.1	35.8	88.9	50.5	34.7	34.9	27.0
3 Walking paths	51.4	32.3	83.7	49.1	32.2	42.1	16.3
4 Picnic grounds	30.2	52.1	82.4	26.1	54.7	18.1	12.8
5 Nature & history interpretation	33.5	48.6	82.1	37.1	41.0	27.5	18.4
6 Swimming beaches	49.0	32.8	81.8	43.3	37.6	35.3	17.1
7 Lake accesses	45.3	33.0	78.3	36.5	40.1	27.6	18.3
8 Bicycle paths & trails	37.9	39.5	77.5	48.6	26.8	40.8	19.9
9 Paved shoulders for bikes	50.7	25.4	76.1	61.6	13.0	51.9	23.0
10 Flower gardens	30.0	44.8	74.8	40.2	31.8	35.3	9.1
11 Campgrounds	41.0	31.3	72.3	32.4	37.9	0.0	32.4
12 Hiking trails	34.4	37.2	71.6	37.8	29.7	26.9	21.2
13 Athletic fields	34.9	35.2	70.1	20.7	47.3	18.6	4.6
14 Skating & hockey rinks	29.6	40.2	69.8	29.4	39.5	27.6	4.2
15 Shore fishing areas	37.3	32.3	69.7	34.7	34.1	26.2	16.3
16 River & stream access	30.3	34.5	64.7	32.5	30.3	23.8	17.3
17 XC ski trails	26.7	36.4	63.1	35.8	24.6	30.4	13.1
18 Playgrounds	32.5	27.5	60.0	16.5	41.8	12.8	6.4
19 Swimming pools	27.6	30.5	58.1	35.5	21.2	32.1	7.9
20 Downhill ski areas	19.6	32.4	52.0	21.0	29.9	15.9	11.0
21 Tennis courts	17.1	34.5	51.6	17.1	32.8	16.4	2.3
22 Golf courses	21.6	29.2	50.8	14.6	35.0	13.9	1.6
23 Waterfowl hunting areas	26.4	21.0	47.4	22.2	23.1	13.8	14.1
24 Snowmobile trails	16.6	24.1	40.6	20.8	18.6	15.4	10.9
25 Big game hunting areas	25.2	15.3	40.5	17.4	22.2	7.6	13.9
26 Basketball courts	12.4	26.3	38.7	17.7	19.4	16.7	2.4
27 Horseback trails	11.8	26.3	38.1	23.8	11.5	17.6	11.3
28 Upland game hunting areas	18.1	17.6	35.7	17.7	16.6	10.5	11.7
29 Shooting ranges	10.2	19.2	29.4	15.4	12.7	14.2	2.8
30 ATV trails & areas	8.8	15.8	24.6	14.6	9.0	10.4	7.0
31 Field dog training areas	5.5	14.6	20.1	8.8	8.8	7.5	2.5
32 Scuba diving areas	5.1	14.8	19.9	12.7	5.6	9.4	6.6
33 4WD trails & areas	5.7	11.5	17.2	10.2	6.6	7.2	5.4

S: Statewide rank-order of IMPORTANT

Number of adults 18 years and over STATEWIDE: 3,082,185

STATEWIDE: CORRELATION* BETWEEN IMPORTANCE, NEED, LOCATION

	IMPORTANT	NEED MORE	DAY OUTINGS	OVERNIGHT TRIPS
IMPORTANT	1.0000	0.8463	0.7383	0.6761
NEED MORE	0.8463	1.0000	0.8847	0.7684
DAY OUTINGS	0.7383	0.8847	1.0000	0.4301
OVERNIGHT TRIPS	0.6761	0.7684	0.4301	1.0000

TABLE 2

FACILITY NEED, IF IMPORTANT(PERCENT OF ADULTS WHO NEED MORE OR HAVE ENOUGH OF EACH FACILITY AND WHO SAID FACILITY WAS IMPORTANT)

	NEED MORE	HAVE ENOUGH	OTHER*	TOTAL
Paved shoulders for bikes	81.0	17.2	1.9	100.0
Scuba diving areas	63.9	28.2	7.9	100.0
Bicycle paths & trails	62.7	34.6	2.7	100.0
Horseback trails	62.6	30.3	7.1	100.0
Swimming pools	61.1	36.5	2.4	100.0
ATV trails & areas	59.5	36.6	3.9	100.0
4WD trails & areas	59.5	38.5	2.0	100.0
Walking paths	58.7	38.4	2.9	100.0
Wildlife & nature observation	56.8	39.0	4.1	100.0
XC ski trails	56.7	39.0	4.3	100.0
Flower gardens	53.7	42.5	3.8	100.0
Swimming beaches	53.0	46.0	1.1	100.0
Hiking trails	52.8	41.5	5.7	100.0
Shooting ranges	52.3	43.3	4.3	100.0
Snowmobile trails	51.2	45.7	3.1	100.0
River & stream access	50.1	46.8	3.0	100.0
Shore fishing areas	49.8	48.9	1.3	100.0
Upland game hunting areas	49.5	46.6	3.9	100.0
Waterfowl hunting areas	46.7	48.8	4.5	100.0
Lake accesses	46.6	51.2	2.2	100.0
Basketball courts	45.7	50.1	4.2	100.0
Nature & history interpretation	45.2	49.9	4.9	100.0
Campgrounds	44.8	52.4	2.8	100.0
Field dog training areas	43.9	43.8	12.2	100.0
Big game hunting areas	43.0	55.0	2.1	100.0
Skating & hockey rinks	42.1	56.6	1.3	100.0
Downhill ski areas	40.4	57.5	2.1	100.0
Natural park areas	39.3	57.8	2.9	100.0
Tennis courts	33.1	63.5	3.4	100.0
Picnic grounds	31.6	66.4	2.0	100.0
Athletic fields	29.5	67.5	3.0	100.0
Golf courses	28.8	69.0	2.2	100.0
Playgrounds	27.5	69.8	2.7	100.0

*Other includes: don't know, refused to answer, and not applicable.

TABLE 3

COMPARING NEEDS FOR DAY OUTINGS AND OVERNIGHT FACILITIES

(PERCENT OF ADULTS STATEWIDE)

FACILITY	DAY OUTING	OVER- NIGHT	RATIO*
Campgrounds	0.0	32.4	0.00
Big game hunting areas	7.6	13.9	0.54
Natural park areas	20.4	25.2	0.81
Upland game hunting areas	10.5	11.7	0.90
Waterfowl hunting areas	13.8	14.1	0.98
Hiking trails	26.9	21.2	1.27
Wildlife & nature observation	34.9	27.0	1.29
4WD trails & areas	7.2	5.4	1.32
River & stream access	23.8	17.3	1.37
Snowmobile trails	15.4	10.9	1.41
Picnic grounds	18.1	12.8	1.41
Scuba diving areas	9.4	6.6	1.41
Downhill ski areas	15.9	11.0	1.45
ATV trails & areas	10.4	7.0	1.49
Nature & history interpretation	27.5	18.4	1.50
Lake accesses	27.6	18.3	1.51
Horseback trails	17.6	11.3	1.56
Shore fishing areas	26.2	16.3	1.60
Playgrounds	12.8	6.4	1.98
Bicycle paths & trails	40.8	19.9	2.05
Swimming beaches	35.3	17.1	2.06
Paved shoulders for bikes	51.9	23.0	2.25
XC ski trails	30.4	13.1	2.32
Walking paths	42.1	16.3	2.58
Field dog training areas	7.5	2.5	3.04
Flower gardens	35.3	9.1	3.87
Athletic fields	18.6	4.6	4.01
Swimming pools	32.1	7.9	4.07
Shooting ranges	14.2	2.8	5.17
Skating & hockey rinks	27.6	4.2	6.54
Basketball courts	16.7	2.4	6.88
Tennis courts	16.4	2.3	7.05
Golf courses	13.9	1.6	8.83

*RATIO: DAY OUTINGS / OVERNIGHT TRIPS

TABLE 4

REGION 1

(Percent of adults)

S	R	FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1	1	Natural park areas	51.4	39.5	90.9	28.9	59.5	14.5	22.3
2	2	Wildlife & nature observation	54.0	35.7	89.6	51.2	33.7	37.6	28.1
3	10	Walking paths	39.8	35.3	75.1	44.3	27.8	36.4	19.3
4	3	Picnic grounds	33.9	50.8	84.8	24.3	58.8	13.2	17.4
5	6	Nature & history interpretation	34.8	45.9	80.7	40.8	34.6	29.3	22.5
6	5	Swimming beaches	56.7	24.4	81.1	49.1	31.2	36.6	24.7
7	4	Lake accesses	53.8	27.8	81.6	38.0	42.1	27.5	20.9
8	12	Bicycle paths & trails	28.5	42.6	71.1	47.7	21.8	41.2	17.8
9	11	Paved shoulders for bikes	44.2	27.0	71.2	53.7	14.9	42.6	20.6
10	9	Flower gardens	30.8	44.7	75.5	39.2	31.9	30.3	15.3
11	7	Campgrounds	47.1	29.6	76.6	34.7	39.9	0.0	34.7
12	15	Hiking trails	29.7	34.0	63.7	36.6	22.1	25.8	23.6
13	13	Athletic fields	31.1	34.9	66.0	21.9	42.2	19.5	6.5
14	14	Skating & hockey rinks	30.4	34.8	65.2	28.8	34.5	26.3	5.5
15	8	Shore fishing areas	42.0	33.7	75.7	33.5	40.9	25.6	17.1
16	17	River & stream access	27.6	33.3	60.9	31.0	28.0	21.6	18.3
17	22	XC ski trails	19.9	31.5	51.5	29.4	19.8	23.6	12.9
18	18	Playgrounds	37.7	22.4	60.1	19.4	38.0	15.5	6.6
19	21	Swimming pools	28.6	23.5	52.1	36.4	14.6	31.1	14.3
20	24	Downhill ski areas	17.4	30.8	48.2	23.9	22.0	16.6	13.5
21	26	Tennis courts	16.1	28.9	45.0	14.6	29.2	13.0	3.5
22	23	Golf courses	18.8	29.3	48.2	12.0	35.4	11.0	3.1
23	16	Waterfowl hunting areas	37.8	25.0	62.8	32.4	27.6	22.3	16.5
24	20	Snowmobile trails	19.3	34.1	53.4	24.7	27.1	16.5	12.5
25	19	Big game hunting areas	42.7	15.1	57.9	26.4	30.4	14.9	16.5
26	27	Basketball courts	13.9	29.5	43.4	19.7	21.2	18.0	4.8
27	28	Horseback trails	12.7	26.1	38.7	25.4	11.0	17.9	15.6
28	25	Upland game hunting areas	27.5	19.7	47.2	26.9	19.1	18.9	13.3
29	29	Shooting ranges	14.6	23.3	37.9	20.7	16.0	18.9	4.1
30	30	ATV trails & areas	10.4	22.8	33.2	21.1	11.0	16.7	8.0
31	32	Field dog training areas	5.2	14.0	19.2	9.7	6.9	7.8	2.8
32	33	Scuba diving areas	4.1	12.6	16.8	10.3	3.8	7.8	5.6
33	31	4WD trails & areas	7.0	14.4	21.4	12.4	8.4	9.0	6.7

S: Statewide rank-order of IMPORTANT
R: Region rank-order of IMPORTANT

Number of adults 18 years and over in REGION 1: 270,354

TABLE 5

REGION 2

(Percent of adults)

S	R	FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1	1	Natural park areas	62.7	28.4	91.1	36.1	52.7	16.9	26.4
2	2	Wildlife & nature observation	55.8	31.1	86.9	52.5	32.3	34.5	27.9
3	7	Walking paths	50.9	32.8	83.7	53.3	27.3	44.1	19.7
4	6	Picnic grounds	39.8	44.5	84.3	32.2	49.9	21.3	20.5
5	3	Nature & history interpretation	44.5	40.3	84.8	41.5	40.1	30.4	21.6
6	5	Swimming beaches	60.8	23.6	84.4	48.6	35.2	36.5	24.6
7	4	Lake accesses	56.4	28.1	84.5	37.2	45.4	26.9	22.9
8	15	Bicycle paths & trails	43.2	29.1	72.3	49.4	21.3	38.2	22.1
9	10	Paved shoulders for bikes	56.0	20.0	76.0	64.7	9.7	51.3	28.4
10	12	Flower gardens	30.2	45.6	75.8	44.1	29.1	36.0	14.4
11	8	Campgrounds	53.3	27.3	80.6	42.5	36.6	0.0	42.5
12	11	Hiking trails	39.8	36.0	75.8	44.2	27.9	31.4	25.2
13	16	Athletic fields	39.0	32.2	71.2	29.1	41.1	24.2	7.5
14	13	Skating & hockey rinks	47.5	27.9	75.4	33.8	41.5	31.9	6.2
15	9	Shore fishing areas	48.2	29.4	77.6	36.2	40.4	25.4	19.7
16	14	River & stream access	39.3	34.6	73.8	31.7	40.4	21.5	20.6
17	17	XC ski trails	38.2	31.4	69.6	36.0	32.4	29.0	16.8
18	18	Playgrounds	38.0	24.8	62.8	23.7	35.9	17.4	11.0
19	26	Swimming pools	20.9	25.8	46.6	31.9	13.3	27.0	9.0
20	20	Downhill ski areas	26.3	30.8	57.1	16.9	39.1	10.2	11.3
21	24	Tennis courts	18.3	33.2	51.6	21.4	27.7	19.7	4.0
22	22	Golf courses	21.7	32.3	54.0	13.1	39.0	10.9	3.2
23	23	Waterfowl hunting areas	29.8	24.0	53.8	28.8	23.1	15.5	20.4
24	19	Snowmobile trails	26.0	32.7	58.7	26.3	31.4	18.4	15.7
25	21	Big game hunting areas	39.6	15.6	55.1	18.0	36.3	8.1	14.2
26	27	Basketball courts	18.2	26.6	44.8	25.3	17.3	24.1	4.9
27	30	Horseback trails	10.8	27.7	38.5	27.1	10.2	20.2	12.9
28	25	Upland game hunting areas	27.0	21.1	48.2	22.6	24.4	12.1	16.4
29	29	Shooting ranges	14.9	23.7	38.6	20.2	16.1	19.1	3.4
30	28	ATV trails & areas	20.2	20.3	40.5	26.4	13.3	19.2	13.0
31	33	Field dog training areas	6.7	17.3	24.0	11.8	10.2	10.3	2.3
32	32	Scuba diving areas	8.3	17.3	25.6	15.4	9.0	10.3	9.1
33	31	4WD trails & areas	11.0	14.9	25.9	13.6	11.5	9.1	7.2

S: Statewide rank-order of IMPORTANT
R: Region rank-order of IMPORTANT

Number of adults 18 years and over in REGION 2: 250,236

TABLE 6

REGION 3

(Percent of adults)

S	R	FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1	2	Natural park areas	52.9	36.0	88.9	37.9	47.1	19.1	27.0
2	1	Wildlife & nature observation	57.9	31.0	88.9	55.2	29.8	31.5	33.5
3	8	Walking paths	44.6	33.9	78.6	51.8	23.5	41.5	19.9
4	5	Picnic grounds	31.9	51.5	83.4	30.4	51.3	18.2	16.3
5	7	Nature & history interpretation	33.4	47.4	80.8	39.6	38.0	27.1	21.3
6	4	Swimming beaches	57.1	28.2	85.3	49.5	35.6	38.8	22.5
7	3	Lake accesses	58.9	27.2	86.1	44.4	40.1	31.5	23.8
8	13	Bicycle paths & trails	38.7	34.5	73.2	51.8	19.2	42.8	17.3
9	9	Paved shoulders for bikes	51.9	25.2	77.1	64.1	12.1	52.0	23.5
10	10	Flower gardens	32.9	43.9	76.8	42.1	33.2	35.7	12.1
11	11	Campgrounds	42.9	31.9	74.8	36.7	36.1	0.0	36.7
12	16	Hiking trails	33.0	36.7	69.7	39.0	26.9	28.0	20.3
13	12	Athletic fields	35.0	38.3	73.3	20.8	50.6	18.6	5.2
14	14	Skating & hockey rinks	29.3	42.8	72.2	31.9	39.8	30.8	2.6
15	6	Shore fishing areas	45.3	36.3	81.6	41.1	39.4	28.0	21.4
16	15	River & stream access	38.1	33.7	71.7	43.1	27.3	27.9	25.7
17	18	XC ski trails	26.9	36.4	63.3	36.8	24.8	29.8	12.2
18	17	Playgrounds	34.4	32.4	66.9	23.8	40.5	17.2	9.8
19	19	Swimming pools	30.8	30.0	60.8	37.6	22.2	32.6	9.7
20	23	Downhill ski areas	20.1	32.6	52.6	23.4	28.8	15.9	11.7
21	24	Tennis courts	16.9	34.8	51.6	16.6	33.7	16.1	1.9
22	25	Golf courses	19.1	31.3	50.4	10.6	39.5	9.4	2.5
23	20	Waterfowl hunting areas	38.4	21.7	60.0	32.9	25.0	18.6	22.5
24	22	Snowmobile trails	26.8	27.1	54.0	28.0	24.3	18.3	14.1
25	21	Big game hunting areas	39.5	19.6	59.1	28.3	29.4	13.6	22.1
26	27	Basketball courts	13.3	29.9	43.2	17.7	22.7	17.0	3.3
27	28	Horseback trails	12.7	28.4	41.1	25.3	14.6	19.5	9.9
28	26	Upland game hunting areas	25.9	21.7	47.6	24.6	22.0	12.7	17.5
29	29	Shooting ranges	16.2	23.9	40.2	19.1	20.0	17.2	3.3
30	30	ATV trails & areas	12.4	20.6	33.0	20.1	12.5	12.4	9.6
31	31	Field dog training areas	9.2	16.2	25.4	10.5	12.8	8.0	3.8
32	33	Scuba diving areas	3.2	16.7	19.8	11.5	6.6	7.5	5.9
33	32	4WD trails & areas	8.5	14.8	23.3	12.5	10.1	8.3	6.9

S: Statewide rank-order of IMPORTANT
R: Region rank-order of IMPORTANT

Number of adults 18 years and over in REGION 3: 343,642

TABLE 7

REGION 4

(Percent of adults)

S	R	FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1	1	Natural park areas	50.0	36.5	86.5	28.5	54.3	15.2	19.9
2	2	Wildlife & nature observation	47.8	37.5	85.3	46.1	35.6	27.4	25.4
3	7	Walking paths	47.7	31.0	78.7	40.9	33.4	33.1	14.8
4	3	Picnic grounds	28.9	52.4	81.3	19.2	60.5	10.8	11.1
5	4	Nature & history interpretation	33.9	46.9	80.8	30.9	45.8	21.7	13.8
6	8	Swimming beaches	42.7	34.4	77.2	36.0	37.9	28.3	15.1
7	5	Lake accesses	44.7	35.2	79.9	34.3	42.8	24.3	17.7
8	11	Bicycle paths & trails	28.6	40.0	68.6	40.2	24.9	31.6	14.4
9	14	Paved shoulders for bikes	39.5	27.7	67.1	48.6	16.3	39.7	15.9
10	9	Flower gardens	29.5	45.1	74.6	33.5	37.7	27.5	9.7
11	10	Campgrounds	38.8	32.0	70.9	28.8	40.8	0.0	28.8
12	13	Hiking trails	30.7	36.9	67.6	32.8	32.3	22.9	16.8
13	15	Athletic fields	33.1	34.0	67.0	14.5	49.7	11.2	4.3
14	16	Skating & hockey rinks	24.5	41.9	66.5	28.3	36.3	25.2	5.0
15	6	Shore fishing areas	40.1	38.8	79.0	33.7	43.5	25.4	16.7
16	17	River & stream access	27.5	34.7	62.2	27.6	33.4	20.3	12.8
17	20	XC ski trails	15.6	37.4	53.0	28.1	21.4	23.1	10.4
18	19	Playgrounds	31.8	27.4	59.2	15.4	42.9	10.0	8.0
19	12	Swimming pools	32.1	36.0	68.1	28.3	36.6	23.4	7.6
20	27	Downhill ski areas	12.1	29.1	41.1	20.0	20.1	15.4	9.6
21	21	Tennis courts	15.1	37.5	52.6	12.1	38.1	10.6	2.6
22	22	Golf courses	21.3	27.3	48.7	14.1	32.3	12.7	2.6
23	18	Waterfowl hunting areas	34.2	27.4	61.5	27.9	32.0	20.4	14.1
24	24	Snowmobile trails	16.8	29.4	46.3	24.0	21.6	18.6	9.7
25	25	Big game hunting areas	27.9	18.0	45.8	23.7	21.3	11.0	17.7
26	23	Basketball courts	14.9	31.7	46.6	16.8	28.1	14.8	2.8
27	29	Horseback trails	10.5	22.9	33.4	18.5	13.5	11.8	9.5
28	26	Upland game hunting areas	22.6	21.6	44.2	22.2	20.7	14.2	12.0
29	28	Shooting ranges	11.4	24.9	36.3	17.6	17.7	15.8	4.7
30	30	ATV trails & areas	8.4	17.0	25.4	14.5	10.5	10.5	6.1
31	32	Field dog training areas	5.8	13.9	19.7	9.8	7.8	7.5	4.0
32	33	Scuba diving areas	3.2	10.0	13.2	8.3	4.4	5.8	3.4
33	31	4WD trails & areas	7.1	13.2	20.3	11.8	8.4	8.3	6.0

S: Statewide rank-order of IMPORTANT
R: Region rank-order of IMPORTANT

Number of adults 18 years and over in REGION 4: 385,861

TABLE 8

REGION 5

(Percent of adults)

S	R	FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1	1	Natural park areas	53.6	35.0	88.5	31.6	54.2	18.9	21.8
2	2	Wildlife & nature observation	51.1	36.6	87.7	47.6	35.2	34.4	21.0
3	4	Walking paths	51.7	30.1	81.8	44.4	34.5	37.9	13.6
4	3	Picnic grounds	28.3	54.1	82.4	21.1	58.2	13.0	11.4
5	5	Nature & history interpretation	32.6	47.1	79.7	34.6	40.4	25.5	15.6
6	7	Swimming beaches	45.2	30.7	75.9	46.7	26.6	34.7	20.3
7	13	Lake accesses	37.9	31.6	69.5	29.4	38.4	21.4	15.3
8	8	Bicycle paths & trails	35.9	37.2	73.2	43.1	29.2	36.2	14.8
9	12	Paved shoulders for bikes	46.8	23.6	70.4	52.7	15.8	43.9	14.6
10	6	Flower gardens	32.0	45.1	77.1	40.8	32.5	34.8	9.2
11	11	Campgrounds	38.6	32.7	71.3	29.0	39.9	0.0	29.0
12	9	Hiking trails	37.7	35.2	72.9	32.9	34.9	23.9	15.7
13	10	Athletic fields	35.8	36.4	72.2	19.7	51.2	17.7	3.5
14	17	Skating & hockey rinks	23.8	40.2	64.0	23.0	39.8	21.5	2.8
15	15	Shore fishing areas	34.0	33.9	67.9	28.3	38.4	19.9	14.0
16	16	River & stream access	31.3	36.4	67.7	30.8	35.6	23.8	13.1
17	19	XC ski trails	24.9	34.1	59.0	34.7	22.0	29.3	11.8
18	18	Playgrounds	34.4	25.6	60.0	16.5	41.0	12.3	6.5
19	14	Swimming pools	35.8	32.6	68.4	30.1	36.8	26.6	6.6
20	23	Downhill ski areas	17.4	30.3	47.7	20.2	26.6	15.0	10.0
21	22	Tennis courts	14.8	33.0	47.8	13.6	32.8	13.3	1.1
22	21	Golf courses	21.8	29.0	50.8	12.9	36.5	12.4	0.6
23	20	Waterfowl hunting areas	25.7	25.6	51.3	25.1	23.9	16.8	13.3
24	25	Snowmobile trails	16.6	26.3	42.9	20.1	22.3	14.3	10.2
25	24	Big game hunting areas	27.4	17.8	45.2	20.8	23.3	10.6	16.2
26	27	Basketball courts	12.2	26.9	39.1	13.5	24.2	12.3	1.5
27	26	Horseback trails	15.6	26.4	42.0	27.3	12.2	19.9	13.1
28	28	Upland game hunting areas	18.6	17.8	36.4	17.8	16.7	12.1	10.7
29	29	Shooting ranges	11.9	20.6	32.5	15.5	16.2	13.7	2.2
30	30	ATV trails & areas	7.9	16.6	24.5	13.9	9.8	9.7	7.9
31	32	Field dog training areas	6.3	12.8	19.1	7.9	10.1	6.7	2.0
32	31	Scuba diving areas	5.2	14.2	19.3	9.7	7.2	6.8	4.1
33	33	4WD trails & areas	5.2	13.1	18.3	11.5	6.4	8.5	6.2

S: Statewide rank-order of IMPORTANT
R: Region rank-order of IMPORTANT

Number of adults 18 years and over in REGION 5: 301,810

TABLE 9

REGION 6

(Percent of adults)

S	R	FACILITY	VERY IMPORTANT	SOMEWHAT IMPORTANT	IMPORTANT	NEED MORE	HAVE ENOUGH	DAY OUTINGS	OVER- NIGHTS
1	1	Natural park areas	62.2	30.8	93.0	39.0	51.8	23.9	27.2
2	2	Wildlife & nature observation	53.1	37.2	90.3	50.8	36.0	37.3	26.9
3	3	Walking paths	56.0	32.1	88.1	51.7	34.9	46.1	15.4
4	7	Picnic grounds	28.4	53.3	81.7	27.1	53.3	21.2	10.7
5	6	Nature & history interpretation	31.6	51.4	82.9	37.2	41.8	28.8	18.2
6	5	Swimming beaches	46.2	36.9	83.0	41.2	41.6	36.1	13.3
7	9	Lake accesses	40.6	35.7	76.3	36.3	38.5	29.0	16.6
8	4	Bicycle paths & trails	41.3	42.2	83.5	51.1	30.3	44.0	22.9
9	8	Paved shoulders for bikes	54.3	25.8	80.1	66.9	12.1	58.2	26.0
10	10	Flower gardens	28.9	44.8	73.7	40.8	30.3	38.0	6.3
11	14	Campgrounds	38.4	31.6	70.1	30.9	36.9	0.0	30.9
12	11	Hiking trails	34.9	38.6	73.5	39.0	30.3	27.7	22.4
13	13	Athletic fields	35.2	35.1	70.3	20.8	47.1	19.6	4.1
14	12	Skating & hockey rinks	29.0	42.2	71.2	29.7	40.8	28.2	4.1
15	16	Shore fishing areas	32.9	29.7	62.6	34.7	27.4	27.4	14.9
16	17	River & stream access	28.0	34.4	62.4	32.0	28.0	24.6	16.7
17	15	XC ski trails	29.1	38.3	67.4	38.8	25.4	34.1	13.7
18	18	Playgrounds	30.0	28.1	58.1	13.5	43.7	11.3	4.5
19	19	Swimming pools	25.0	30.9	55.9	38.3	16.6	36.3	6.5
20	20	Downhill ski areas	21.2	34.1	55.3	21.0	33.2	17.0	10.9
21	21	Tennis courts	18.1	35.2	53.3	18.9	32.7	18.6	2.1
22	22	Golf courses	22.6	28.7	51.3	16.7	33.7	16.4	0.8
23	24	Waterfowl hunting areas	19.3	17.2	36.5	14.8	19.6	8.8	10.9
24	26	Snowmobile trails	12.2	18.4	30.6	16.9	12.2	13.4	9.6
25	27	Big game hunting areas	15.3	13.2	28.6	11.0	16.9	3.4	10.1
26	25	Basketball courts	10.4	23.4	33.9	17.2	15.6	16.6	1.5
27	23	Horseback trails	11.1	26.5	37.6	23.3	10.6	17.8	10.7
28	28	Upland game hunting areas	12.0	14.7	26.7	12.5	12.7	6.9	9.4
29	29	Shooting ranges	6.6	15.0	21.7	12.3	8.0	11.7	1.9
30	32	ATV trails & areas	6.2	12.2	18.4	10.5	6.6	7.5	5.3
31	31	Field dog training areas	4.3	14.5	18.8	7.8	8.1	7.1	1.9
32	30	Scuba diving areas	5.6	15.7	21.3	14.7	5.1	11.3	7.9
33	33	4WD trails & areas	3.6	8.9	12.6	8.1	4.3	5.8	4.3

S: Statewide rank-order of IMPORTANT
R: Region rank-order of IMPORTANT

Number of adults 18 years and over in REGION 6: 1,530,282

TABLE 10

COMPARING FACILITY IMPORTANCE AMONG REGIONS

(PERCENT OF ADULTS WHO FEEL FACILITY IS EITHER VERY IMPORTANT OR SOMEWHAT IMPORTANT)

FACILITY	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
Natural park areas	91.0	90.9	91.1	88.9	86.5	88.5	93.0
Wildlife & nature observation	88.9	89.6	86.9	88.9	85.3	87.7	90.3
Walking paths	83.7	75.1	83.7	78.6	78.7	81.8	88.1
Picnic grounds	82.4	84.8	84.3	83.4	81.3	82.4	81.7
Nature & history interpretation	82.1	80.7	84.8	80.8	80.8	79.7	82.9
Swimming beaches	81.8	81.1	84.4	85.3	77.2	75.9	83.0
Lake accesses	78.3	81.6	84.5	86.1	79.9	69.5	76.3
Bicycle paths & trails	77.5	71.1	72.3	73.2	68.6	73.2	83.5
Paved shoulders for bikes	76.1	71.2	76.0	77.1	67.1	70.4	80.1
Flower gardens	74.8	75.5	75.8	76.8	74.6	77.1	73.7
Campgrounds	72.3	76.6	80.6	74.8	70.9	71.3	70.1
Hiking trails	71.6	63.7	75.8	69.7	67.6	72.9	73.5
Athletic fields	70.1	66.0	71.2	73.3	67.0	72.2	70.3
Skating & hockey rinks	69.8	65.2	75.4	72.2	66.5	64.0	71.2
Shore fishing areas	69.7	75.7	77.6	81.6	79.0	67.9	62.6
River & stream access	64.7	60.9	73.8	71.7	62.2	67.7	62.4
XC ski trails	63.1	51.5	69.6	63.3	53.0	59.0	67.4
Playgrounds	60.0	60.1	62.8	66.9	59.2	60.0	58.1
Swimming pools	58.1	52.1	46.6	60.8	68.1	68.4	55.9
Downhill ski areas	52.0	48.2	57.1	52.6	41.1	47.7	55.3
Tennis courts	51.6	45.0	51.6	51.6	52.6	47.8	53.3
Golf courses	50.8	48.2	54.0	50.4	48.7	50.8	51.3
Waterfowl hunting areas	47.4	62.8	53.8	60.0	61.5	51.3	36.5
Snowmobile trails	40.6	53.4	58.7	54.0	46.3	42.9	30.6
Big game hunting areas	40.5	57.9	55.1	59.1	45.8	45.2	28.6
Basketball courts	38.7	43.4	44.8	43.2	46.6	39.1	33.9
Horseback trails	38.1	38.7	38.5	41.1	33.4	42.0	37.6
Upland game hunting areas	35.7	47.2	48.2	47.6	44.2	36.4	26.7
Shooting ranges	29.4	37.9	38.6	40.2	36.3	32.5	21.7
ATV trails & areas	24.6	33.2	40.5	33.0	25.4	24.5	18.4
Field dog training areas	20.1	19.2	24.0	25.4	19.7	19.1	18.8
Scuba diving areas	19.9	16.8	25.6	19.8	13.2	19.3	21.3
4WD trails & areas	17.2	21.4	25.9	23.3	20.3	18.3	12.6

IMPORTANCE CORRELATION* BETWEEN REGIONS

	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
STATE	1.0000	0.9422	0.9535	0.9596	0.9482	0.9756	0.9856
REG 1	0.9422	1.0000	0.9636	0.9830	0.9576	0.9275	0.8977
REG 2	0.9535	0.9636	1.0000	0.9676	0.9245	0.9078	0.9128
REG 3	0.9596	0.9830	0.9676	1.0000	0.9619	0.9318	0.9255
REG 4	0.9482	0.9576	0.9245	0.9619	1.0000	0.9515	0.9134
REG 5	0.9756	0.9275	0.9078	0.9318	0.9515	1.0000	0.9612
REG 6	0.9856	0.8977	0.9128	0.9255	0.9134	0.9612	1.0000

TABLE 11

COMPARING FACILITY NEED AMONG REGIONS

(PERCENT OF ADULTS WHO NEED ADDITIONAL FACILITIES FOR THEIR HOUSEHOLDS)

FACILITY	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
Paved shoulders for bikes	61.6	53.7	64.7	64.1	48.6	52.7	66.9
Wildlife & nature observation	50.5	51.2	52.5	55.2	46.1	47.6	50.8
Walking paths	49.1	44.3	53.3	51.8	40.9	44.4	51.7
Bicycle paths & trails	48.6	47.7	49.4	51.8	40.2	43.1	51.1
Swimming beaches	43.3	49.1	48.6	49.5	36.0	46.7	41.2
Flower gardens	40.2	39.2	44.1	42.1	33.5	40.8	40.8
Hiking trails	37.8	36.6	44.2	39.0	32.8	32.9	39.0
Nature & history interpretation	37.1	40.8	41.5	39.6	30.9	34.6	37.2
Lake accesses	36.5	38.0	37.2	44.4	34.3	29.4	36.3
XC ski trails	35.8	29.4	36.0	36.8	28.1	34.7	38.8
Natural park areas	35.7	28.9	36.1	37.9	28.5	31.6	39.0
Swimming pools	35.5	36.4	31.9	37.6	28.3	30.1	38.3
Shore fishing areas	34.7	33.5	36.2	41.1	33.7	28.3	34.7
River & stream access	32.5	31.0	31.7	43.1	27.6	30.8	32.0
Campgrounds	32.4	34.7	42.5	36.7	28.8	29.0	30.9
Skating & hockey rinks	29.4	28.8	33.8	31.9	28.3	23.0	29.7
Picnic grounds	26.1	24.3	32.2	30.4	19.2	21.1	27.1
Horseback trails	23.8	25.4	27.1	25.3	18.5	27.3	23.3
Waterfowl hunting areas	22.2	32.4	28.8	32.9	27.9	25.1	14.8
Downhill ski areas	21.0	23.9	16.9	23.4	20.0	20.2	21.0
Snowmobile trails	20.8	24.7	26.3	28.0	24.0	20.1	16.9
Athletic fields	20.7	21.9	29.1	20.8	14.5	19.7	20.8
Basketball courts	17.7	19.7	25.3	17.7	16.8	13.5	17.2
Upland game hunting areas	17.7	26.9	22.6	24.6	22.2	17.8	12.5
Big game hunting areas	17.4	26.4	18.0	28.3	23.7	20.8	11.0
Tennis courts	17.1	14.6	21.4	16.6	12.1	13.6	18.9
Playgrounds	16.5	19.4	23.7	23.8	15.4	16.5	13.5
Shooting ranges	15.4	20.7	20.2	19.1	17.6	15.5	12.3
ATV trails & areas	14.6	21.1	26.4	20.1	14.5	13.9	10.5
Golf courses	14.6	12.0	13.1	10.6	14.1	12.9	16.7
Scuba diving areas	12.7	10.3	15.4	11.5	8.3	9.7	14.7
4WD trails & areas	10.2	12.4	13.6	12.5	11.8	11.5	8.1
Field dog training areas	8.8	9.7	11.8	10.5	9.8	7.9	7.8

NEED CORRELATION* BETWEEN REGIONS

	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
STATE	1.0000	0.9512	0.9509	0.9549	0.9492	0.9753	0.9639
REG 1	0.9512	1.0000	0.9211	0.9652	0.9716	0.9552	0.8603
REG 2	0.9509	0.9211	1.0000	0.9221	0.9161	0.9221	0.9118
REG 3	0.9549	0.9652	0.9221	1.0000	0.9629	0.9602	0.8790
REG 4	0.9492	0.9716	0.9161	0.9629	1.0000	0.9342	0.8710
REG 5	0.9753	0.9552	0.9221	0.9602	0.9342	1.0000	0.9228
REG 6	0.9639	0.8603	0.9118	0.8790	0.8710	0.9228	1.0000

TABLE 12

ORIGIN OF FACILITY NEED

(PERCENT OF TOTAL STATEWIDE FACILITY NEED ORIGINATING IN EACH REGION)

FACILITY	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6	STATE TOTAL
Paved shoulders for bikes	7.6	8.5	11.6	9.9	8.4	54.0	100.0
Wildlife & nature observation	8.9	8.4	12.2	11.4	9.2	49.9	100.0
Walking paths	7.9	8.8	11.8	10.4	8.9	52.2	100.0
Bicycle paths & trails	8.6	8.3	11.9	10.4	8.7	52.2	100.0
Swimming beaches	9.9	9.1	12.7	10.4	10.5	47.3	100.0
Flower gardens	8.6	8.9	11.7	10.4	10.0	50.4	100.0
Hiking trails	8.5	9.5	11.5	10.8	8.5	51.2	100.0
Nature & history interpretation	9.6	9.1	11.9	10.4	9.1	49.8	100.0
Lake accesses	9.1	8.3	13.6	11.8	7.9	49.4	100.0
XC ski trails	7.2	8.2	11.4	9.8	9.5	53.9	100.0
Natural park areas	7.1	8.2	11.8	10.0	8.7	54.2	100.0
Swimming pools	9.0	7.3	11.8	10.0	8.3	53.6	100.0
Shore fishing areas	8.5	8.5	13.2	12.2	8.0	49.7	100.0
River & stream access	8.4	7.9	14.8	10.7	9.3	48.9	100.0
Campgrounds	9.4	10.7	12.6	11.2	8.8	47.4	100.0
Skating & hockey rinks	8.6	9.3	12.1	12.1	7.7	50.2	100.0
Picnic grounds	8.2	10.0	13.0	9.2	7.9	51.6	100.0
Horseback trails	9.4	9.2	11.8	9.7	11.2	48.6	100.0
Waterfowl hunting areas	12.8	10.6	16.5	15.7	11.1	33.3	100.0
Downhill ski areas	10.0	6.5	12.4	11.9	9.4	49.7	100.0
Snowmobile trails	10.4	10.3	15.0	14.4	9.5	40.4	100.0
Athletic fields	9.3	11.4	11.2	8.8	9.3	50.0	100.0
Basketball courts	9.7	11.6	11.2	11.9	7.5	48.1	100.0
Upland game hunting areas	13.3	10.4	15.5	15.7	9.9	35.1	100.0
Big game hunting areas	13.3	8.4	18.1	17.0	11.7	31.5	100.0
Tennis courts	7.5	10.2	10.8	8.8	7.8	54.8	100.0
Playgrounds	10.3	11.6	16.1	11.7	9.8	40.5	100.0
Shooting ranges	11.8	10.7	13.8	14.3	9.8	39.6	100.0
ATV trails & areas	12.6	14.6	15.3	12.4	9.3	35.7	100.0
Golf courses	7.2	7.3	8.1	12.1	8.6	56.7	100.0
Scuba diving areas	7.1	9.8	10.1	8.1	7.5	57.3	100.0
4WD trails & areas	10.7	10.8	13.6	14.5	11.0	39.4	100.0
Field dog training areas	9.6	10.8	13.2	13.8	8.7	43.7	100.0
Population 18 years and over	8.8	8.1	11.1	12.5	9.8	49.6	100.0

TABLE 13

NEED FOR DAY-OUTING FACILITIES

(PERCENT OF ADULTS WHO NEED ADDITIONAL FACILITIES FOR THEIR DAY-OUTINGS)

FACILITY	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
Paved shoulders for bikes	51.9	42.6	51.3	52.0	39.7	43.9	58.2
Walking paths	42.1	36.4	44.1	41.5	33.1	37.9	46.1
Bicycle paths & trails	40.8	41.2	38.2	42.8	31.6	36.2	44.0
Swimming beaches	35.3	36.6	36.5	38.8	28.3	34.7	36.1
Flower gardens	35.3	30.3	36.0	35.7	27.5	34.8	38.0
Wildlife & nature observation	34.9	37.6	34.5	31.5	27.4	34.4	37.3
Swimming pools	32.1	31.1	27.0	32.6	23.4	26.6	36.3
XC ski trails	30.4	23.6	29.0	29.8	23.1	29.3	34.1
Lake accesses	27.6	27.5	26.9	31.5	24.3	21.4	29.0
Skating & hockey rinks	27.6	26.3	31.9	30.8	25.2	21.5	28.2
Nature & history interpretation	27.5	29.3	30.4	27.1	21.7	25.5	28.8
Hiking trails	26.9	25.8	31.4	28.0	22.9	23.9	27.7
Shore fishing areas	26.2	25.6	25.4	28.0	25.4	19.9	27.4
River & stream access	23.8	21.6	21.5	27.9	20.3	23.8	24.6
Natural park areas	20.4	14.5	16.9	19.1	15.2	18.9	23.9
Athletic fields	18.6	19.5	24.2	18.6	11.2	17.7	19.6
Picnic grounds	18.1	13.2	21.3	18.2	10.8	13.0	21.2
Horseback trails	17.6	17.9	20.2	19.5	11.8	19.9	17.8
Basketball courts	16.7	18.0	24.1	17.0	14.8	12.3	16.6
Tennis courts	16.4	13.0	19.7	16.1	10.6	13.3	18.6
Downhill ski areas	15.9	16.6	10.2	15.9	15.4	15.0	17.0
Snowmobile trails	15.4	16.5	18.4	18.3	18.6	14.3	13.4
Shooting ranges	14.2	18.9	19.1	17.2	15.8	13.7	11.7
Golf courses	13.9	11.0	10.9	9.4	12.7	12.4	16.4
Waterfowl hunting areas	13.8	22.3	15.5	18.6	20.4	16.8	8.8
Playgrounds	12.8	15.5	17.4	17.2	10.0	12.3	11.3
Upland game hunting areas	10.5	18.9	12.1	12.7	14.2	12.1	6.9
ATV trails & areas	10.4	16.7	19.2	12.4	10.5	9.7	7.5
Scuba diving areas	9.4	7.8	10.3	7.5	5.8	6.8	11.3
Big game hunting areas	7.6	14.9	8.1	13.6	11.0	10.6	3.4
Field dog training areas	7.5	7.8	10.3	8.0	7.5	6.7	7.1
4WD trails & areas	7.2	9.0	9.1	8.3	8.3	8.5	5.8

NEED FOR DAY OUTING FACILITIES: CORRELATION* BETWEEN REGIONS

	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
STATE	1.0000	0.8807	0.9422	0.9616	0.9017	0.9619	0.9893
REG 1	0.8807	1.0000	0.8920	0.9164	0.9285	0.9001	0.8362
REG 2	0.9422	0.8920	1.0000	0.9174	0.8436	0.8930	0.9251
REG 3	0.9616	0.9164	0.9174	1.0000	0.9218	0.9649	0.9338
REG 4	0.9017	0.9285	0.8436	0.9218	1.0000	0.9198	0.8643
REG 5	0.9619	0.9001	0.8930	0.9649	0.9198	1.0000	0.9455
REG 6	0.9893	0.8362	0.9251	0.9338	0.8643	0.9455	1.0000

TABLE 14

ORIGIN OF DAY-OUTING FACILITY NEED

(PERCENT OF TOTAL STATEWIDE FACILITY NEED FOR DAY-OUTINGS ORIGINATING IN EACH REGION)

FACILITY	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6	STATE TOTAL
Paved shoulders for bikes	7.2	8.0	11.2	9.6	8.3	55.7	100.0
Walking paths	7.6	8.5	11.0	9.8	8.8	54.3	100.0
Bicycle paths & trails	8.9	7.6	11.7	9.7	8.7	53.5	100.0
Swimming beaches	9.1	8.4	12.3	10.0	9.6	50.6	100.0
Flower gardens	7.5	8.3	11.3	9.8	9.7	53.5	100.0
Wildlife & nature observation	9.4	8.0	10.1	9.8	9.6	53.0	100.0
Swimming pools	8.5	6.8	11.3	9.1	8.1	56.1	100.0
XC ski trails	6.8	7.7	10.9	9.5	9.4	55.7	100.0
Lake accesses	8.7	7.9	12.7	11.0	7.6	52.1	100.0
Skating & hockey rinks	8.4	9.4	12.4	11.4	7.6	50.8	100.0
Nature & history interpretation	9.3	8.9	11.0	9.8	9.1	51.8	100.0
Hiking trails	8.4	9.5	11.6	10.6	8.7	51.2	100.0
Shore fishing areas	8.6	7.9	11.9	12.2	7.4	52.0	100.0
River & stream access	8.0	7.3	13.1	10.7	9.8	51.2	100.0
Natural park areas	6.3	6.7	10.5	9.3	9.1	58.2	100.0
Athletic fields	9.2	10.6	11.2	7.5	9.3	52.3	100.0
Picnic grounds	6.4	9.6	11.2	7.5	7.1	58.3	100.0
Horseback trails	8.9	9.3	12.3	8.4	11.1	50.0	100.0
Basketball courts	9.4	11.7	11.4	11.1	7.2	49.3	100.0
Tennis courts	7.0	9.7	10.9	8.0	7.9	56.4	100.0
Downhill ski areas	9.2	5.2	11.1	12.1	9.3	53.1	100.0
Snowmobile trails	9.4	9.7	13.3	15.2	9.1	43.3	100.0
Shooting ranges	11.6	10.9	13.4	13.9	9.4	40.7	100.0
Golf courses	7.0	6.4	7.5	11.5	8.8	58.8	100.0
Waterfowl hunting areas	14.1	9.1	15.0	18.5	11.9	31.4	100.0
Playgrounds	10.6	11.1	15.0	9.8	9.5	44.0	100.0
Upland game hunting areas	15.9	9.4	13.6	16.9	11.3	32.9	100.0
ATV trails & areas	14.1	15.0	13.3	12.7	9.2	35.8	100.0
Scuba diving areas	7.3	8.9	9.0	7.8	7.1	60.0	100.0
Big game hunting areas	17.2	8.7	20.1	18.1	13.7	22.2	100.0
Field dog training areas	9.1	11.2	11.9	12.4	8.8	46.7	100.0
4WD trails & areas	10.9	10.3	12.8	14.5	11.5	39.9	100.0
Population 18 years and over	8.8	8.1	11.1	12.5	9.8	49.6	100.0

Sort order: Descending statewide need for additional DAY-OUTING facilities, compare with Table 13

TABLE 15

NEED FOR OVERNIGHT TRIP FACILITIES

(PERCENT OF ADULTS WHO NEED ADDITIONAL FACILITIES FOR THEIR OVERNIGHT TRIPS)

FACILITY	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
Campgrounds	32.4	34.7	42.5	36.7	28.8	29.0	30.9
Wildlife & nature observation	27.0	28.1	27.9	33.5	25.4	21.0	26.9
Natural park areas	25.2	22.3	26.4	27.0	19.9	21.8	27.2
Paved shoulders for bikes	23.0	20.6	28.4	23.5	15.9	14.6	26.0
Hiking trails	21.2	23.6	25.2	20.3	16.8	15.7	22.4
Bicycle paths & trails	19.9	17.8	22.1	17.3	14.4	14.8	22.9
Nature & history interpretation	18.4	22.5	21.6	21.3	13.8	15.6	18.2
Lake accesses	18.3	20.9	22.9	23.8	17.7	15.3	16.6
River & stream access	17.3	18.3	20.6	25.7	12.8	13.1	16.7
Swimming beaches	17.1	24.7	24.6	22.5	15.1	20.3	13.3
Shore fishing areas	16.3	17.1	19.7	21.4	16.7	14.0	14.9
Walking paths	16.3	19.3	19.7	19.9	14.8	13.6	15.4
Waterfowl hunting areas	14.1	16.5	20.4	22.5	14.1	13.3	10.9
Big game hunting areas	13.9	16.5	14.2	22.1	17.7	16.2	10.1
XC ski trails	13.1	12.9	16.8	12.2	10.4	11.8	13.7
Picnic grounds	12.8	17.4	20.5	16.3	11.1	11.4	10.7
Upland game hunting areas	11.7	13.3	16.4	17.5	12.0	10.7	9.4
Horseback trails	11.3	15.6	12.9	9.9	9.5	13.1	10.7
Downhill ski areas	11.0	13.5	11.3	11.7	9.6	10.0	10.9
Snowmobile trails	10.9	12.5	15.7	14.1	9.7	10.2	9.6
Flower gardens	9.1	15.3	14.4	12.1	9.7	9.2	6.3
Swimming pools	7.9	14.3	9.0	9.7	7.6	6.6	6.5
ATV trails & areas	7.0	8.0	13.0	9.6	6.1	7.9	5.3
Scuba diving areas	6.6	5.6	9.1	5.9	3.4	4.1	7.9
Playgrounds	6.4	6.6	11.0	9.8	8.0	6.5	4.5
4WD trails & areas	5.4	6.7	7.2	6.9	6.0	6.2	4.3
Athletic fields	4.6	6.5	7.5	5.2	4.3	3.5	4.1
Skating & hockey rinks	4.2	5.5	6.2	2.6	5.0	2.8	4.1
Shooting ranges	2.8	4.1	3.4	3.3	4.7	2.2	1.9
Field dog training areas	2.5	2.8	2.3	3.8	4.0	2.0	1.9
Basketball courts	2.4	4.8	4.9	3.3	2.8	1.5	1.5
Tennis courts	2.3	3.5	4.0	1.9	2.6	1.1	2.1
Golf courses	1.6	3.1	3.2	2.5	2.6	0.6	0.8

NEED FOR OVERNIGHT TRIP FACILITIES: CORRELATION* BETWEEN REGIONS

	STATE	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
STATE	1.0000	0.9576	0.9706	0.9459	0.9465	0.9646	0.9813
REG 1	0.9576	1.0000	0.9462	0.9161	0.9238	0.9539	0.9241
REG 2	0.9706	0.9462	1.0000	0.9288	0.9124	0.9271	0.9455
REG 3	0.9459	0.9161	0.9288	1.0000	0.9522	0.9375	0.9001
REG 4	0.9465	0.9238	0.9124	0.9522	1.0000	0.9679	0.8961
REG 5	0.9646	0.9539	0.9271	0.9375	0.9679	1.0000	0.9235
REG 6	0.9813	0.9241	0.9455	0.9001	0.8961	0.9235	1.0000

TABLE 16

ORIGIN OF OVERNIGHT TRIP FACILITY NEED

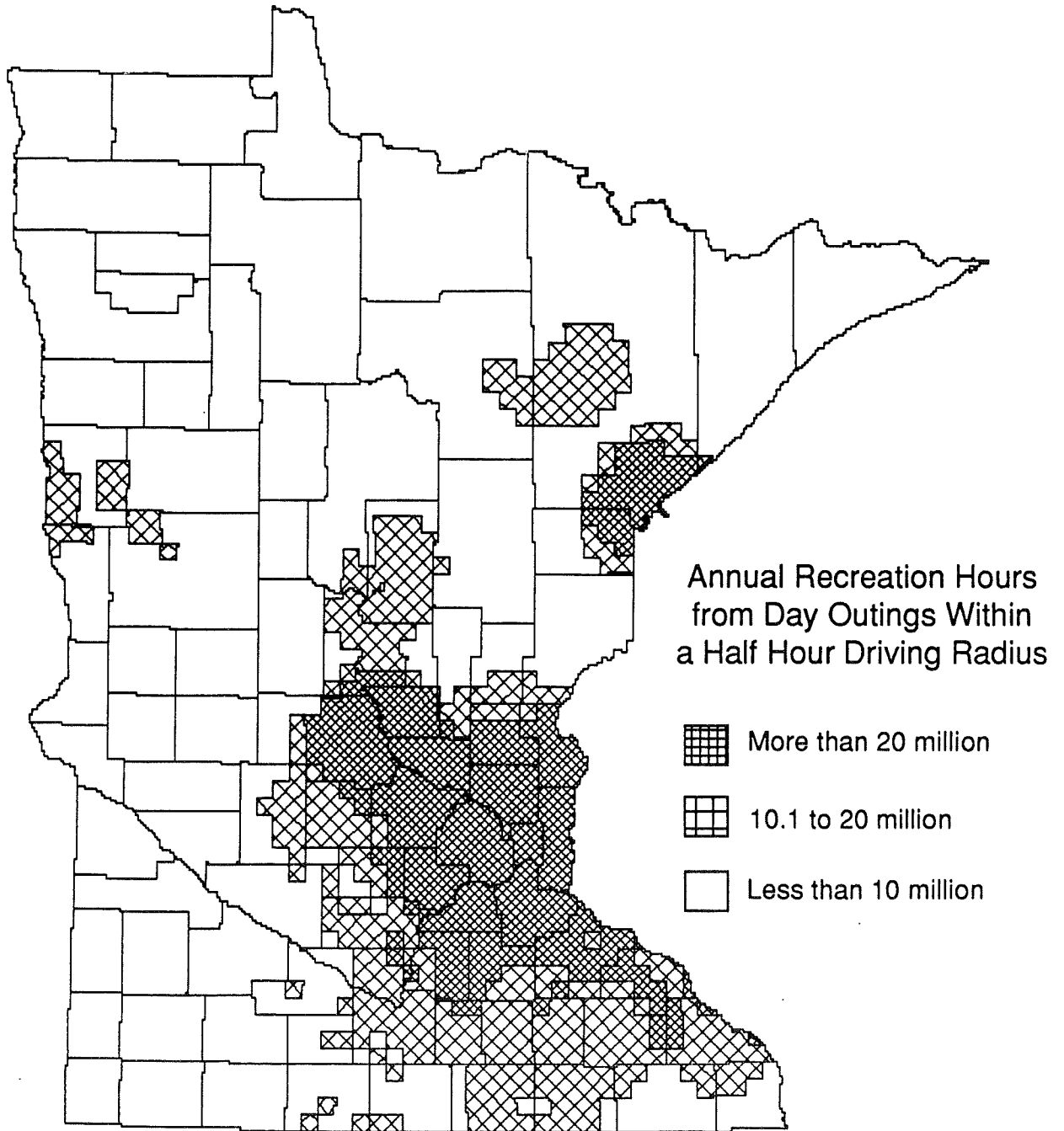
(PERCENT OF TOTAL STATEWIDE FACILITY NEED FOR OVERNIGHT TRIPS ORIGINATING IN EACH REGION)

FACILITY	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6	STATE TOTAL
Campgrounds	9.4	10.7	12.6	11.2	8.8	47.4	100.0
Wildlife & nature observation	9.1	8.4	13.8	11.8	7.6	49.4	100.0
Natural park areas	7.8	8.5	11.9	9.9	8.5	53.5	100.0
Paved shoulders for bikes	7.8	10.0	11.3	8.6	6.2	56.0	100.0
Hiking trails	9.8	9.7	10.7	10.0	7.2	52.6	100.0
Bicycle paths & trails	7.8	9.0	9.7	9.0	7.3	57.2	100.0
Nature & history interpretation	10.7	9.5	12.9	9.4	8.3	49.2	100.0
Lake accesses	10.0	10.1	14.5	12.1	8.2	45.1	100.0
River & stream access	9.3	9.7	16.5	9.2	7.4	47.9	100.0
Swimming beaches	12.6	11.7	14.6	11.0	11.6	38.5	100.0
Shore fishing areas	9.2	9.8	14.6	12.8	8.4	45.3	100.0
Walking paths	10.4	9.8	13.6	11.3	8.2	46.8	100.0
Waterfowl hunting areas	10.3	11.7	17.8	12.5	9.2	38.4	100.0
Big game hunting areas	10.4	8.3	17.7	16.0	11.4	36.2	100.0
XC ski trails	8.6	10.4	10.3	9.9	8.8	51.9	100.0
Picnic grounds	11.9	13.0	14.2	10.9	8.7	41.4	100.0
Upland game hunting areas	10.0	11.4	16.7	12.9	9.0	40.0	100.0
Horseback trails	12.1	9.3	9.8	10.5	11.4	47.0	100.0
Downhill ski areas	10.8	8.3	11.8	10.9	8.9	49.3	100.0
Snowmobile trails	10.0	11.7	14.4	11.1	9.1	43.7	100.0
Flower gardens	14.7	12.9	14.8	13.3	9.8	34.5	100.0
Swimming pools	15.8	9.2	13.7	12.1	8.2	41.0	100.0
ATV trails & areas	10.0	15.1	15.3	10.9	11.1	37.5	100.0
Scuba diving areas	7.4	11.2	9.9	6.4	6.1	59.1	100.0
Playgrounds	9.0	13.9	16.9	15.6	9.9	34.7	100.0
4WD trails & areas	10.9	10.8	14.2	13.9	11.1	39.1	100.0
Athletic fields	12.3	13.0	12.4	11.5	7.3	43.5	100.0
Skating & hockey rinks	11.4	11.9	6.9	14.9	6.4	48.4	100.0
Shooting ranges	13.1	10.0	13.5	21.3	7.9	34.3	100.0
Field dog training areas	9.9	7.6	17.0	20.3	7.9	37.4	100.0
Basketball courts	17.5	16.3	15.1	14.2	6.2	30.7	100.0
Tennis courts	13.3	13.9	9.0	13.9	4.7	45.2	100.0
Golf courses	17.4	16.6	17.6	20.6	3.9	23.9	100.0
Population 18 years and over	8.8	8.1	11.1	12.5	9.8	49.6	100.0

Sort order: Descending statewide need for additional OVERNIGHT facilities, compare with Table 15

CHART 1

AREAS OF HIGH ACCESSIBILITY TO OUTDOOR RECREATORS ON DAY OUTINGS



SOURCE: MNDNR, 1985-86 Outdoor Recreation Participation and Expenditure Survey of Minnesotans.