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OWNERSHIP OF LAND ON WHICH WINTER RECREATION OCCURS

Complied for

The Minnesota Department of Natural Resources
Bureau of Comprehensive Planning and Programming
St. Paul, Minnesota

By

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USE OF THE DATA

Information concerning the ownership of land on which winter recreation activities occur can be of much use to the state natural resource planner. Such data is relevant to budget allocation decisions and the development of public programs and projects designed to help satisfy the recreational resource needs of Minnesota residents.

Information regarding land ownership and winter recreation was collected in a study funded by the Minnesota Department of Natural Resources during the 1977-1978 winter season. This report briefly explains how to interpret and analyze the land ownership tables contained in Appendix A.

There are twenty-six tables in Appendix A, an "A" and a "B" table for each of the thirteen Minnesota development regions. The "A" table for each region displays the percent of total occasions for each winter activity that occurred on the different types of land ownership in that region. Table "B" should be read in conjunction with Table "A" because it presents the 75 percent confidence intervals for the percentage estimates in Table A (Appendix B presents a few notes on the treatment of "ownership unknown" responses and the calculation of the 75 percent confidence intervals. For a more detailed description of the methodology, please refer to Report Number 2316).

For example, turning to the Region 1 tables, 1A and 1B, we see in Table A that 100 percent of the winter camping occasions occurred on privately owned lands. The confidence band for such an estimate (either a 0 percent or a 100 percent) turns out to be zero as seen in Table B. In other words, we can be sure that most, if not all, winter camping is done on private sites in Region 1.

The same is not true for Region 3, however. By turning to Table 3A, we see that 60.7 percent of the winter camping occasions took place in private lands, while 32.5 percent occurred on federal lands and 6.8 percent camped on state owned lands. We can obtain a better understanding of the meaning of these estimates by looking at Table 3B. The 75 percent confidence interval about the estimate of 60.7 percent winter camping on private lands is plus or minus 12.6 percent (60.7 ± 12.6 percent). In other words, we are 75 percent confident that between 48.1 percent and 73.3 percent of the winter camping in Region 3 occurred on private land. Likewise, between 20.5 percent and 44.5 percent (32.5 ± 12.0 percent) of winter camping was on federal land and from 0.3 percent to 13.3 percent (6.8 ± 8.5 percent) occurred on state owned lands.

Let's look at one more example. By examining Table 1A again, we see that 25 percent of the dog sledding occasions in Region 1 occurred on county property. However, Table B reveals that we cannot be very sure of this estimate because its 75 percent confidence interval (25 ± 28.7 percent) contains the estimate zero. Statistically, this means that the 25 percent estimate is not significantly different from zero at the 75 percent confidence level and the estimate has little or no meaning other than the fact that at least some dog sledding took place on county property. The reason for this wide confidence band is the small number of dog sledding occasions that showed up in the sample. In essence, it indicates that we can't infer anything about total dog sledding activity on county lands in Region 1 from the limited information in the sample. This is probably more of a function of the infrequent dog sledding occasions that actually occur rather than a limitation of reliability of the sample. Dog sledding was just not a popular activity in this region.

In general, the more popular the activity, the more activity occasions that showed up in the randomly selected sample, the smaller the confidence band and the more meaningful the estimates. Total cross-country skiing in Region 11 (Tables 11A and B) is a good example. None of the confidence bands are greater than plus or minus 2.6 percent of the point estimates for the share of occasions taking place on the different types of land ownerships.

TABLE 1A
PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 1

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping							100.0	
Cross Country Skiing (Free)							100.0	
Cross Country Skiing (Trail)	63.0						37.0	
Cross Country Skiing (Combined)								
Total Cross Country Skiing	34.3	8.6					57.1	
Dog Sledding		25.0					75.0	
Downhill Skiing	9.5						90.5	
Upland Bird Hunting								
Big Game Hunting							100.0	
Waterfowl Hunting								
Miscellaneous Hunting	8.3		2.8				89.0	
Ice Boating								
Ice Fishing	45.2	5.6	22.6				26.6	
Total Ice Skating			73.5		19.4		7.2	
Figure Skating			45.9				54.1	
Hockey			98.5				1.5	
General Skating			51.8		38.4		9.8	
Fishing								
Orienteering								
Sledding	2.4	1.8	9.5		8.3		78.0	
Snowshoeing (Free)							100.0	
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing		7.9					92.1	
Tubing							100.0	
Snowmobiling (Free)	63.6		2.5				33.9	
Snowmobiling (Trail)	11.3	5.7	6.4		0.4		75.4	0.8
Snowmobiling (Combined)	21.6		7.9				70.5	
Total Snowmobiling	19.7	3.8	6.3		0.3		69.4	0.5
Trapping		7.8	15.7				76.5	
Total Hunting	10.8		3.6				85.6	
Total Winter Activities	13.5	2.7	18.3		4.7		60.6	0.3

TABLE 1B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 1

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)								
Cross Country Skiing (Trail)	12.1						12.1	
Cross Country Skiing (Combined)								
Total Cross Country Skiing	9.4	5.5					9.8	
Dog Sledding		28.7					28.7	
Downhill Skiing	7.5						7.5	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	3.4		2.0				3.8	
Ice Boating								
Ice Fishing	11.7	5.4					10.4	
Total Ice Skating			3.7		3.3		2.1	
Figure Skating			29.8				29.8	
Hockey			1.5				1.5	
General Skating			5.7		5.5		3.4	
Fishing								
Orienteering								
Sledding	1.1	1.0	2.2		2.0		3.1	
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)		12.7						
Total Snowshoeing							12.7	
Tubing								
Snowmobiling (Free)	6.9		2.2				6.7	
Snowmobiling (Trail)	1.8	1.3	1.4		0.4		2.5	0.5
Snowmobiling (Combined)	4.5		2.9				4.9	
Total Snowmobiling	1.9	0.9	1.2		0.2		2.2	0.4
Trapping		5.4	7.3				8.5	
Total Hunting	3.7		2.2				4.2	
Total Winter Activities	0.8	0.4	1.0		0.5		1.2	0.1

TABLE 2B
 CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 2

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	24.3						24.3	
Cross Country Skiing (Free)			3.7		1.8		4.3	2.5
Cross Country Skiing (Trail)	5.8	2.4					6.0	
Cross Country Skiing (Combined)	15.8	17.1	14.3				15.9	
Total Cross Country Skiing	3.5	1.8	1.7		0.6		4.0	0.9
Dog Sledding								
Downhill Skiing	4.4						4.4	
Upland Bird Hunting	57.5						57.5	
Big Game Hunting	20.6	16.3					12.1	12.1
Waterfowl Hunting								
Miscellaneous Hunting	7.5	7.1					9.2	4.1
Ice Boating								
Ice Fishing	2.3	0.8	3.2	0.6	1.2		3.6	1.6
Total Ice Skating	1.1	0.6	3.5	2.8	2.0		2.6	
Figure Skating	9.7		10.6		6.6		4.2	
Hockey			5.5	5.2	2.6		2.7	
General Skating		1.3	5.1	3.0	3.1		4.6	
Fishing								
Orienteering								
Sledding	0.3	1.2	0.6				1.3	
Snowshoeing (Free)	5.0						5.0	
Snowshoeing (Trail)	5.9		2.0				6.0	
Snowshoeing (Combined)								
Total Snowshoeing	4.7		1.5				4.8	
Tubing	16.9						16.9	
Snowmobiling (Free)	4.5	1.4					4.5	0.8
Snowmobiling (Trail)		0.7	0.7	0.8			1.2	
Snowmobiling (Combined)	4.4	2.2	3.7				5.1	
Total Snowmobiling	1.7	0.7	0.8	0.5			1.9	0.2
Trapping	5.0						7.6	6.6
Total Hunting	7.7	6.2					8.2	3.8
Total Winter Activities	0.7	0.3	0.7	0.3	0.2		0.9	0.2

TABLE 3A
PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 3

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	6.8						60.7	32.5
Cross Country Skiing (Free)	19.0	1.3	10.7				67.6	1.3
Cross Country Skiing (Trail)	17.1		11.0				53.6	18.3
Cross Country Skiing (Combined)	69.8		3.8				26.4	
Total Cross Country Skiing	21.1	0.9	10.7				61.0	6.4
Dog Sledding							100.0	
Downhill Skiing			25.7				74.3	
Upland Bird Hunting	38.6		30.8				30.6	
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	21.6	2.2	6.5		2.2		65.5	2.2
Ice Boating								
Ice Fishing	33.8	8.0	17.1				35.7	5.3
Total Ice Skating	8.6		55.4	0.4	9.2	0.1	26.3	
Figure Skating			80.9		9.1	1.4	8.5	
Hockey			80.4	1.6	8.1		9.9	
General Skating	13.1		41.8		9.6		35.5	
Fishing								
Orienteering	92.3							7.7
Sledding	8.2		16.4		2.3		72.2	
Snowshoeing (Free)	49.3							50.7
Snowshoeing (Trail)			18.7				72.8	8.4
Snowshoeing (Combined)							100.0	
Total Snowshoeing	11.8		13.5				56.4	18.2
Tubing			66.7				33.3	
Snowmobiling (Free)	41.5		5.2	1.2			39.9	12.3
Snowmobiling (Trail)	7.3		28.4				64.3	
Snowmobiling (Combined)	24.3	6.4	5.6				63.8	
Total Snowmobiling	24.8	1.2	14.4	0.5			53.9	5.1
Trapping	38.4		14.9				46.7	
Total Hunting	22.9	2.0	8.1		2.0		62.8	2.0
Total Winter Activities	16.7	1.4	26.4	0.3	3.0		49.3	3.4

TABLE 3B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 3

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	6.5						12.6	12.0
Cross Country Skiing (Free)	3.7	1.1	2.9				4.4	1.1
Cross Country Skiing (Trail)	4.7		3.9				6.2	4.8
Cross Country Skiing (Combined)	13.1		5.5				12.6	
Total Cross Country Skiing	2.9	0.7	2.2				3.5	1.8
Dog Sledding								
Downhill Skiing			3.5				3.5	
Upland Bird Hunting	28.0		26.5				26.5	
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	5.7	2.0	3.4		2.0		6.6	2.0
Ice Boating								
Ice Fishing	4.3	2.5	3.4				4.3	2.0
Total Ice Skating	1.4		2.5	0.3	1.4	0.2	2.2	
Figure Skating			6.6		4.8	1.9	4.7	
Hockey			3.8	1.2	2.6		2.9	
General Skating	2.1		3.0		1.8		2.9	
Fishing								
Orienteering	8.8							8.8
Sledding	1.6	0.6	2.2		0.9		2.7	
Snowshoeing (Free)	16.2							16.2
Snowshoeing (Trail)			7.0				7.9	5.0
Snowshoeing (Combined)								
Total Snowshoeing	4.7		5.0				7.2	5.6
Tubing			16.3				16.3	
Snowmobiling (Free)	5.9		1.7	0.8			3.8	2.6
Snowmobiling (Trail)	2.3		3.9				4.2	
Snowmobiling (Combined)	4.7	2.7	2.5				5.3	
Total Snowmobiling	2.2	0.6	1.8	0.4			2.6	1.1
Trapping	8.2		6.0				8.4	
Total Hunting	5.6	1.9	3.7		1.9		6.5	1.9
Total Winter Activities	0.7	0.2	0.8	0.1	0.3		0.9	0.3

TABLE 4A
 PERCENT ESTIMATES OF WATER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 4

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)			12.1		6.1		81.8	
Cross Country Skiing (Trail)	47.8	14.8	14.8				22.6	
Cross Country Skiing (Combined)			52.8				47.2	
Total Cross Country Skiing	17.4	5.4	13.5		2.7		61.0	
Dog Sledding								
Downhill Skiing			18.7	3.1			78.2	
Upland Bird Hunting							93.3	6.7
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	26.8	3.7					69.5	
Ice Boating							100.0	
Ice Fishing	30.3	2.3	15.1	2.5	15.0		34.8	
Total Ice Skating			76.3		6.7	0.8	16.3	
Figure Skating			53.4				46.6	
Hockey			100.0					
General Skating			73.2		9.9		16.9	
Fishing								
Orienteering								
Sledding	1.4		16.7		7.4	0.9	73.6	
Snowshoeing (Free)	69.7						30.3	
Snowshoeing (Trail)								100.0
Snowshoeing (Combined)								
Total Snowshoeing	31.5		41.1				13.7	13.7
Tubing			38.4				61.6	
Snowmobiling (Free)	49.8	2.5	4.2				38.7	4.7
Snowmobiling (Trail)	1.9		11.3				86.8	
Snowmobiling (Combined)	9.1	9.4	12.7		2.0		66.7	0.6
Total Snowmobiling	11.4	4.5	12.0		0.9		70.7	
Trapping			30.4				69.6	
Total Hunting	19.2	2.6					75.6	2.6
Total Winter Activities	9.6	2.4	28.0	0.2	3.7	0.2	55.4	0.5

TABLE 4B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 4

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)			5.4		3.9		6.3	
Cross Country Skiing (Trail)	12.2	8.6	8.6				10.2	
Cross Country Skiing (Combined)			22.1				22.1	
Total Cross Country Skiing	4.9	2.9	4.4		2.1		6.3	
Dog Sledding								
Downhill Skiing			8.3	3.7			8.8	
Upland Bird Hunting							7.7	7.7
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	7.7	3.3					8.0	
Ice Boating								
Ice Fishing	4.8	1.6	3.8	1.7	3.8		5.0	
Total Ice Skating			3.0		1.8	0.6	2.6	
Figure Skating			11.1				11.1	
Hockey								
General Skating			3.8		2.5		3.2	
Fishing								
Orienteering								
Sledding	0.9		2.9		2.0	0.7	3.4	
Snowshoeing (Free)	30.5						30.5	
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing	20.2		21.4				14.9	14.9
Tubing			11.0				11.0	
Snowmobiling (Free)	5.3	1.7	2.1				5.1	2.2
Snowmobiling (Trail)	1.0		2.4				2.6	
Snowmobiling (Combined)	2.7	2.7	3.1		1.3		4.4	
Total Snowmobiling	1.6	1.1	1.7		0.5		2.3	0.4
Trapping			11.3				11.3	
Total Hunting	5.9	2.4					6.4	2.4
Total Winter Activities	0.7	0.4	1.1	0.1	0.5	0.1	1.2	0.2

TABLE 5A
PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 5

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	25.0						75.0	
Cross Country Skiing (Free)	7.6						92.4	
Cross Country Skiing (Trail)	41.1						52.7	6.2
Cross Country Skiing (Combined)							100.0	
Total Cross Country Skiing	18.0						79.7	2.3
Dog Sledding								
Downhill Skiing							100.0	
Upland Bird Hunting	75.0						25.0	
Big Game Hunting	100.0							
Waterfowl Hunting								
Miscellaneous Hunting	5.4						94.6	
Ice Boating								
Ice Fishing	37.3	2.6	2.1		1.4		54.4	2.2
Total Ice Skating			47.3		3.0		48.5	1.2
Figure Skating			55.0				45.0	
Hockey			100.0					
General Skating			43.2		3.1		52.4	1.3
Fishing								
Orienteering	100.0							
Sledding	1.4		1.4		4.2		88.3	4.7
Snowshoeing (Free)								
Snowshoeing (Trail)							100.0	
Snowshoeing (Combined)							100.0	
Total Snowshoeing							100.0	
Tubing		23.9			12.0		64.1	
Snowmobiling (Free)	32.3						66.5	1.2
Snowmobiling (Trail)	2.4	3.3	12.4	2.3			77.9	1.1
Snowmobiling (Combined)	19.0	1.2	1.8		7.0		71.0	
Total Snowmobiling	16.3	1.6	5.6	1.0	1.2		73.4	1.0
Trapping							100.0	
Total Hunting	12.9						87.1	
Total Winter Activities	13.7	1.3	9.8	0.5	1.8		71.4	1.5

TABLE 5B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 5

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	28.7						28.7	
Cross Country Skiing (Free)	4.9						4.9	
Cross Country Skiing (Trail)	8.5						8.7	4.2
Cross Country Skiing (Combined)								
Total Cross Country Skiing	4.8						5.0	1.9
Dog Sledding								
Downhill Skiing								
Upland Bird Hunting	28.7						28.7	
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	3.7						3.7	
Ice Boating								
Ice Fishing	3.5	1.1	1.0		0.8		3.6	1.1
Total Ice Skating			4.3		1.4		4.3	0.9
Figure Skating			15.0				15.0	
Hockey								
General Skating			4.6		1.6		4.6	1.0
Fishing								
Orienteering								
Sledding	0.8		0.8		1.3		2.2	1.4
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing								
Tubing		12.7			9.6		14.2	
Snowmobiling (Free)	3.8						3.8	0.9
Snowmobiling (Trail)	1.0	1.1	2.1	1.0	0.5		2.7	0.7
Snowmobiling (Combined)	4.0	1.1	1.3		2.6		4.6	
Total Snowmobiling	1.7	0.6	1.0	0.4	0.5		2.0	0.4
Trapping								
Total Hunting	5.2						5.2	
Total Winter Activities	0.8	0.3	0.7	0.2	0.3		1.0	0.3

TABLE 6A
PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 6E

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)	19.5	18.9					61.5	
Cross Country Skiing (Trail)	86.4						13.6	
Cross Country Skiing (Combined)	86.1		13.9					
Total Cross Country Skiing	55.9	2.8	2.8				38.5	
Dog Sledding								
Downhill Skiing							100.0	
Upland Bird Hunting								
Big Game Hunting							100.0	
Waterfowl Hunting								
Miscellaneous Hunting			8.7				91.3	
Ice Boating								
Ice Fishing	41.8	21.0	9.5			1.9	25.8	
Total Ice Skating	2.3	1.1	49.6		31.0		16.0	
Figure Skating			75.4		24.6			
Hockey			96.1				3.9	
General Skating	2.7	1.4	40.6		36.2		19.1	
Fishing								
Orienteering								
Sledding	6.4	0.7	15.6				77.3	
Snowshoeing (Free)	100.0							
Snowshoeing (Trail)			100.0					
Snowshoeing (Combined)								
Total Snowshoeing	40.0		20.0				40.0	
Tubing	25.0						75.0	
Snowmobiling (Free)	22.8	13.8	22.0				41.4	
Snowmobiling (Trail)	5.3	10.3	6.4		1.3		76.7	
Snowmobiling (Combined)	22.1	11.9	16.6				49.4	
Total Snowmobiling	13.6	10.1	11.8		0.4		64.1	
Trapping							100.0	
Total Hunting			10.4				89.6	
Total Winter Activities	14.0	6.9	20.8		8.0	0.1	50.1	

TABLE 6B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 6E

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)	8.1	8.0					9.9	
Cross Country Skiing (Trail)	8.9						8.9	
Cross Country Skiing (Combined)	15.9		15.9					
Total Cross Country Skiing	7.4	2.4	2.4				7.2	
Dog Sledding								
Downhill Skiing								
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting			5.8				5.8	
Ice Boating								
Ice Fishing	5.7	4.7	3.4			1.6	5.1	
Total Ice Skating		0.9	4.1		3.8		3.0	
Figure Skating			18.5		18.5			
Hockey			4.1				4.1	
General Skating	1.5	1.0	4.4		4.3		3.6	
Fishing								
Orienteering								
Sledding	2.2	0.7	3.3				3.8	
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing	28.2		23.0				28.2	
Tubing	28.7						28.7	
Snowmobiling (Free)	7.8	6.4	7.7				9.1	
Snowmobiling (Trail)	1.8	2.5	2.0		0.9		3.5	
Snowmobiling (Combined)	4.9	3.8	4.4				5.9	
Total Snowmobiling	2.2	1.9	2.0		0.4		3.0	
Trapping								
Total Hunting			5.9				5.9	
Total Winter Activities	1.0	0.7	1.2		0.8	0.1	1.5	

TABLE 7A
 PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 6W

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)	40.9		10.2				18.2	30.7
Cross Country Skiing (Trail)	26.9		59.6		13.5			
Cross Country Skiing (Combined)							100.0	
Total Cross Country Skiing	30.6		27.7		5.1		21.3	15.3
Dog Sledding								
Downhill Skiing			9.7				90.3	
Upland Bird Hunting							100.0	
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	9.2						90.8	
Ice Boating								
Ice Fishing	68.0	16.3	5.4		2.7		3.1	
Total Ice Skating		0.9	55.3		11.3		32.4	
Figure Skating			55.7		21.2		23.1	
Hockey			94.0				6.0	
General Skating			48.8		12.5		38.7	
Fishing								
Orienteering	100.0							
Sledding	2.3	0.5	28.0		0.9		68.3	
Snowshoeing (Free)								
Snowshoeing (Trail)							100.0	
Snowshoeing (Combined)								
Total Snowshoeing							100.0	
Tubing	50.0						50.0	
Snowmobiling (Free)	100.0							
Snowmobiling (Trail)		7.0	27.1		3.1		62.9	
Snowmobiling (Combined)	12.6						87.4	
Total Snowmobiling	12.8	4.9	19.1		2.2		61.0	
Trapping							100.0	
Total Hunting	9.1						90.9	
Total Winter Activities	10.3	3.0	25.5		3.8		56.7	0.5

TABLE 7B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 6W

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)	17.9		11.0				14.0	16.8
Cross Country Skiing (Trail)	20.8		23.0		16.0			
Cross Country Skiing (Combined)								
Total Cross Country Skiing	11.8		11.5		5.7		10.5	9.3
Dog Sledding								
Downhill Skiing			9.5				9.5	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	4.2						4.2	
Ice Boating								
Ice Fishing	7.2	5.7	3.5		2.5	3.2	2.6	
Total Ice Skating		0.9	4.9		3.1		4.6	
Figure Skating			13.5		11.1		11.4	
Hockey			6.6				6.6	
General Skating			5.8		3.8		5.6	
Fishing								
Orienteering								
Sledding	1.1	0.5	3.3		0.7		3.4	
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing								
Tubing	17.3						17.3	
Snowmobiling (Free)								
Snowmobiling (Trail)		2.0	3.6		1.4		3.9	
Snowmobiling (Combined)	7.0						7.0	
Total Snowmobiling	2.4	1.6	2.8		1.1		3.5	
Trapping								
Total Hunting	4.1						4.1	
Total Winter Activities	1.0	0.5	1.4		0.6	0.2	1.6	0.2

TABLE 8A
 PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 7E

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	41.3						58.7	
Cross Country Skiing (Free)	7.4				3.7		88.9	
Cross Country Skiing (Trail)	55.6						44.4	
Cross Country Skiing (Combined)							100.0	
Total Cross Country Skiing	19.4				1.5		79.1	
Dog Sledding								
Downhill Skiing	1.0						99.0	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	14.6						85.4	
Ice Boating								
Ice Fishing	29.9	16.3	3.6				49.7	0.5
Total Ice Skating		2.1	46.2		7.5		44.2	
Figure Skating			50.6		20.9		28.4	
Hockey		9.6	66.1				24.3	
General Skating			38.1		7.3		54.6	
Fishing								
Orienteering								
Sledding	3.1		14.7				82.2	
Snowshoeing (Free)								
Snowshoeing (Trail)							100.0	
Snowshoeing (Combined)								
Total Snowshoeing							100.0	
Tubing			21.3				78.7	
Snowmobiling (Free)	25.5	10.2	0.9				63.5	
Snowmobiling (Trail)	4.5						95.5	
Snowmobiling (Combined)	66.1						33.9	
Total Snowmobiling	23.3	5.2	0.4				71.1	
Trapping							100.0	
Total Hunting	14.6						85.4	
Total Winter Activities	16.9	5.0	10.8		1.5		65.7	0.1

TABLE 8B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 7E

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	25.3						25.3	
Cross Country Skiing (Free)	4.6				3.3		5.5	
Cross Country Skiing (Trail)	15.4						15.4	
Cross Country Skiing (Combined)								
Total Cross Country Skiing					1.8		6.0	
Dog Sledding								
Downhill Skiing	1.2						1.2	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	6.1						6.1	
Ice Boating								
Ice Fishing	3.2	2.6	1.3				3.5	0.5
Total Ice Skating		1.0	3.5		1.9		3.5	
Figure Skating			8.9		7.2		8.0	
Hockey		4.6	7.3				6.6	
General Skating			4.3		2.3		4.4	
Fishing								
Orienteering								
Sledding	1.3		2.8				3.0	
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing							9.8	
Tubing								
Snowmobiling (Free)	5.3	3.7	1.1				5.9	
Snowmobiling (Trail)	1.5						1.5	
Snowmobiling (Combined)	5.9						5.9	
Total Snowmobiling	2.4	1.2					2.6	
Trapping								
Total Hunting	6.1							
Total Winter Activities	0.9	0.5	0.8		0.3		1.2	0.1

TABLE 9A
PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 7W

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping							100.0	
Cross Country Skiing (Free)	5.4		10.7				83.9	
Cross Country Skiing (Trail)	6.4		3.6				82.2	7.8
Cross Country Skiing (Combined)							100.0	
Total Cross Country Skiing	5.6		8.5				83.6	2.3
Dog Sledding							100.0	
Downhill Skiing							98.6	
Upland Bird Hunting	67.3						32.7	
Big Game Hunting								100.0
Waterfowl Hunting								
Miscellaneous Hunting	2.8						97.2	
Ice Boating								
Ice Fishing	33.1	12.1	4.8				50.0	
Total Ice Skating	0.8	1.1	67.3	0.6	0.3		29.9	
Figure Skating		10.5	84.7				4.8	
Hockey			83.9	2.1			14.0	
General Skating	1.4		57.9		0.5		40.3	
Fishing								
Orienteering								
Sledding	0.5	1.0	9.7	5.6			83.2	
Snowshoeing (Free)								
Snowshoeing (Trail)			47.6				52.4	
Snowshoeing (Combined)								
Total Snowshoeing			47.6				52.4	
Tubing							100.0	
Snowmobiling (Free)	16.4	4.1					75.5	4.1
Snowmobiling (Trail)			0.7	9.3			90.0	
Snowmobiling (Combined)			42.2				57.8	
Total Snowmobiling	3.9	1.0	4.5	8.2			81.5	
Trapping							100.0	
Total Hunting	3.6						80.4	16.0
Total Winter Activities	4.8	1.7	23.8	3.2	0.1		65.3	1.1

TABLE 9B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 7W

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)	3.1		4.3				5.1	
Cross Country Skiing (Trail)	5.0		3.8				7.9	5.5
Cross Country Skiing (Combined)								
Total Cross Country Skiing	2.6		3.2				4.2	1.7
Dog Sledding								
Downhill Skiing			1.5				1.5	
Upland Bird Hunting	27.0						27.0	
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	2.6						2.6	
Ice Boating								
Ice Fishing	3.5	2.5	1.6				3.8	
Total Ice Skating	0.5	0.6	2.7	0.4	0.3		2.6	
Figure Skating		5.5	6.5				3.9	
Hockey			4.2	1.7			4.0	
General Skating	0.8		3.5		0.5		3.5	
Fishing								
Orienteering								
Sledding	0.4	0.5	1.6	1.2			2.0	
Snowshoeing (Free)								
Snowshoeing (Trail)			11.3				11.3	
Snowshoeing (Combined)								
Total Snowshoeing			11.3				11.3	
Tubing								
Snowmobiling (Free)	4.7	2.5					5.5	2.5
Snowmobiling (Trail)			0.6	2.0			2.1	
Snowmobiling (Combined)			6.4				6.4	
Total Snowmobiling	1.1	0.5	1.1	1.5			2.1	
Trapping								
Total Hunting	2.6						5.6	5.2
Total Winter Activities	0.5	0.3	0.9	0.4	0.1		1.0	0.2

TABLE 10A
 PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 8

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)							100.0	
Cross Country Skiing (Trail)	54.8	45.2						
Cross Country Skiing (Combined)	100.0							
Total Cross Country Skiing	47.6	27.8					24.6	
Dog Sledding								
Downhill Skiing		29.0					71.0	
Upland Bird Hunting							100.0	
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	20.0						80.0	
Ice Boating							100.0	
Ice Fishing	30.5		20.3			40.7	8.5	
Total Ice Skating	0.9		59.1		5.5		34.5	
Figure Skating			68.9				31.1	
Hockey			95.6		4.4			
General Skating	1.3		51.3		6.3		41.2	
Fishing								
Orienteering								
Sledding	7.7		18.4		5.4		68.6	
Snowshoeing (Free)	100.0							
Snowshoeing (Trail)							100.0	
Snowshoeing (Combined)							100.0	
Total Snowshoeing	50.0						50.0	
Tubing	7.8	33.9					56.3	2.0
Snowmobiling (Free)	65.8	15.8					18.4	
Snowmobiling (Trail)	3.9	6.2	6.0				78.7	5.2
Snowmobiling (Combined)	25.2						74.8	
Total Snowmobiling	14.2	7.1	5.4				68.5	4.7
Trapping							100.0	
Total Hunting	20.3						79.7	
Total Winter Activities	12.1	5.3	20.6		2.2	1.9	56.1	1.8

TABLE 10B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 8

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)								
Cross Country Skiing (Trail)	23.4	23.4						
Cross Country Skiing (Combined)								
Total Cross Country Skiing	15.9	14.5					13.7	
Dog Sledding								
Downhill Skiing		30.1					30.1	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	7.9						7.9	
Ice Boating								
Ice Fishing	7.2		6.3			7.7	4.4	
Total Ice Skating	1.0		5.0		2.3		4.9	
Figure Skating			34.2				34.2	
Hockey			8.9		8.9			
General Skating	1.2		5.4		2.6		5.3	
Fishing								
Orienteering								
Sledding	2.6		3.8		2.2		4.6	
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing	21.7						21.7	
Tubing	4.5	7.9					8.3	2.3
Snowmobiling (Free)	8.9	6.8					7.3	
Snowmobiling (Trail)	1.7	2.1	2.0				3.5	1.9
Snowmobiling (Combined)	12.9						12.9	
Total Snowmobiling	2.6	1.9	1.7				3.5	1.6
Trapping								
Total Hunting	7.7						7.7	
Total Winter Activities	1.1	0.8	1.4		0.5	0.5	1.7	0.5

TABLE 11A
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 9

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	100.0							
Cross Country Skiing (Free)	3.0						97.0	
Cross Country Skiing (Trail)	88.0						12.0	
Cross Country Skiing (Combined)								
Total Cross Country Skiing	29.6	2.5					67.9	
Dog Sledding							100.0	
Downhill Skiing							100.0	
Upland Bird Hunting								
Big Game Hunting							100.0	
Waterfowl Hunting								
Miscellaneous Hunting							100.0	
Ice Boating								
Ice Fishing	41.2		41.2				17.7	
Total Ice Skating			88.5		6.8		4.7	
Figure Skating			50.0		50.0			
Hockey			100.0					
General Skating			89.1		5.0		5.9	
Fishing								
Orienteering								
Sledding	3.3		30.2		4.6		61.9	
Snowshoeing (Free)								
Snowshoeing (Trail)							100.0	
Snowshoeing (Combined)								
Total Snowshoeing							100.0	
Tubing	23.1		11.5				65.4	
Snowmobiling (Free)	30.5	22.8	2.3				44.4	
Snowmobiling (Trail)	2.2		47.7		0.5		49.6	
Snowmobiling (Combined)	32.1		14.7				53.3	
Total Snowmobiling	10.1	3.5	35.5	2.1	0.3		48.5	
Trapping							100.0	
Total Hunting							100.0	
Total Winter Activities	6.5	1.7	41.7	0.5	2.2		45.3	

TABLE 11B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 9

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)	4.1						4.1	
Cross Country Skiing (Trail)	12.6						12.6	
Cross Country Skiing (Combined)								
Total Cross Country Skiing	8.6	2.9					8.8	
Dog Sledding								
Downhill Skiing								
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting								
Ice Boating								
Ice Fishing	8.1		8.1				6.3	
Total Ice Skating			2.7		2.1		1.8	
Figure Skating			19.1		19.1			
Hockey								
General Skating			2.9		2.1		2.2	
Fishing								
Orienteering								
Sledding	5.1		4.0		1.8		4.2	
Snowshoeing (Free)								
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing								
Tubing	11.1	8.4					12.6	
Snowmobiling (Free)	6.9	6.3	2.3				7.5	
Snowmobiling (Trail)	1.1		3.6		0.5		3.6	
Snowmobiling (Combined)	6.9		5.3				7.4	
Total Snowmobiling	1.8	1.1	2.8	0.8	0.3		2.9	
Trapping								
Total Hunting								
Total Winter Activities	0.8	0.4	1.4	0.2	0.4		1.4	

TABLE 12A
PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 10

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping							100.0	
Cross Country Skiing (Free)		23.6					76.4	
Cross Country Skiing (Trail)	20.4		67.0				12.6	
Cross Country Skiing (Combined)							100.0	
Total Cross Country Skiing	12.5	10.1	41.2		3.4		32.9	
Dog Sledding								
Downhill Skiing	3.1		3.1				93.9	
Upland Bird Hunting							100.0	
Big Game Hunting							100.0	
Waterfowl Hunting			100.0					
Miscellaneous Hunting	12.0	2.0					86.0	
Ice Boating								
Ice Fishing			37.9				62.1	
Total Ice Skating	1.3		76.7		10.8		11.1	
Figure Skating	8.2		35.7		46.8		9.3	
Hockey			73.2		6.2		20.6	
General Skating			89.8		2.6		7.6	
Fishing	100.0							
Orienteering								
Sledding	4.4	1.0	10.5		3.8		80.3	
Snowshoeing (Free)								
Snowshoeing (Trail)					37.5		62.5	
Snowshoeing (Combined)			87.5					
Total Snowshoeing			43.7		18.8		31.2	6.2
Tubing			50.0		14.3		35.7	
Snowmobiling (Free)	5.3	34.1	8.0				52.7	
Snowmobiling (Trail)			5.6				94.4	
Snowmobiling (Combined)		4.6	2.4				92.9	
Total Snowmobiling	1.7	12.2	5.1				81.0	
Trapping							100.0	
Total Hunting	10.7	1.8	3.6				83.9	
Total Winter Activities	3.6	5.3	26.2		3.7		61.1	0.1

TABLE 12B
CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
REGION 10

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping								
Cross Country Skiing (Free)		14.2					14.2	
Cross Country Skiing (Trail)	9.1		10.6				7.5	
Cross Country Skiing (Combined)								
Total Cross Country Skiing	5.9	5.4	8.8		3.2		8.4	
Dog Sledding								
Downhill Skiing	2.6		2.6				3.6	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	5.3	2.3					5.7	
Ice Boating								
Ice Fishing			11.9				11.9	
Total Ice Skating	1.0		3.7		2.8		2.8	
Figure Skating	6.2		10.8		11.2		6.5	
Hockey			7.8		4.3		7.1	
General Skating			3.5		1.9		3.1	
Fishing								
Orienteering								
Sledding	1.6	0.7	2.3		1.5		3.0	
Snowshoeing (Free)								
Snowshoeing (Trail)					21.0		21.0	
Snowshoeing (Combined)			14.4					14.4
Total Snowshoeing			14.7		11.6		13.8	7.2
Tubing			15.9		11.2		15.3	
Snowmobiling (Free)	2.7	5.6	3.3				6.1	
Snowmobiling (Trail)			2.2				2.2	
Snowmobiling (Combined)		3.3	2.4				4.0	
Total Snowmobiling	0.9	2.2	1.5				2.7	
Trapping								
Total Hunting	4.8	2.1	2.9				5.7	
Total Winter Activities	0.6	0.7	1.3		0.6		1.5	0.1

TABLE 13A
 PERCENT ESTIMATES OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 11

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	50.0						50.0	
Cross Country Skiing (Free)	4.2	3.6	32.2		2.9	2.4	54.7	
Cross Country Skiing (Trail)	14.5	17.0	25.7		0.7	19.6	22.5	
Cross Country Skiing (Combined)	7.1		3.3		48.3	22.3	19.0	
Total Cross Country Skiing	9.4	9.7	26.3		5.9	12.4	36.3	
Dog Sledding							100.0	
Downhill Skiing			16.3			3.7	80.0	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	19.4						80.6	
Ice Boating							100.0	
Ice Fishing	36.4	12.6	23.4	3.6			24.0	
Total Ice Skating	0.4	0.5	71.1	0.1	12.4	0.2	15.1	
Figure Skating		2.9	66.2		5.6		25.3	
Hockey	0.4		79.8		14.2		5.7	
General Skating	0.6	0.6	66.0	0.3	12.0		20.6	
Fishing							100.0	
Orienteering						100.0		
Sledding	0.3	1.4	37.6		3.8		56.8	
Snowshoeing (Free)		40.0	60.0					
Snowshoeing (Trail)			100.0					
Snowshoeing (Combined)								
Total Snowshoeing		16.7	50.0			5.6	27.8	
Tubing		1.8	18.2		3.5		76.5	
Snowmobiling (Free)	20.0	2.9	38.2			17.1	21.9	
Snowmobiling (Trail)	4.0	6.4	11.7				78.0	
Snowmobiling (Combined)	21.1	21.1					36.8	21.1
Total Snowmobiling	7.8	6.0	16.8			3.6	65.2	0.6
Trapping	7.7						92.3	
Total Hunting	19.4						80.6	
Total Winter Activities	3.7	3.1	48.1	0.2	7.5	2.5	34.9	0.2

TABLE 13B
 CONFIDENCE INTERVALS OF WINTER RECREATION OCCURRENCES BY LAND OWNERSHIP
 REGION 11

	STATE	COUNTY	CITY	TOWN	P SCH	REGION	PRI	FED
Winter Camping	57.5						57.5	
Cross Country Skiing (Free)	1.7	1.5	3.8		1.4	1.2	4.1	
Cross Country Skiing (Trail)	2.8	3.0	3.4		0.6	3.1	3.3	
Cross Country Skiing (Combined)	4.8		3.4		9.4	7.8	7.4	
Total Cross Country Skiing	1.6	1.6	2.4		1.3	1.8	2.6	
Dog Sledding								
Downhill Skiing			2.6			1.3	2.8	
Upland Bird Hunting								
Big Game Hunting								
Waterfowl Hunting								
Miscellaneous Hunting	13.7						13.7	
Ice Boating								
Ice Fishing	4.3	2.9	3.7	1.6			3.8	
Total Ice Skating	0.2	0.2	1.3	0.1	1.0	0.1	1.1	
Figure Skating		2.0	5.8		2.8		5.3	
Hockey	0.3		1.9		1.7		1.1	
General Skating	0.3	0.3	1.9	0.2	1.3		1.6	
Fishing								
Orienteering								
Sledding	0.2	0.4	1.8		0.7		1.9	0.1
Snowshoeing (Free)		22.1	22.1					
Snowshoeing (Trail)								
Snowshoeing (Combined)								
Total Snowshoeing		10.4	13.9			6.4	12.5	
Tubing		1.6	4.8		2.3		5.3	
Snowmobiling (Free)	5.4	2.3	6.6			5.1	5.6	
Snowmobiling (Trail)	1.3	1.6	2.1				2.7	
Snowmobiling (Combined)	8.9	8.9					10.6	8.9
Total Snowmobiling	1.5	1.3	2.1			1.0	2.7	0.4
Trapping	8.8						8.8	
Total Hunting	13.7						13.7	
Total Winter Activities	0.3	0.3	0.7	0.1	0.4	0.2	0.7	0.1

APPENDIX B
Methodology

APPENDIX A

Percent of Recreation Occasions

by

Land Ownership, Activity

and

Minnesota Development Region

Treatment of "Ownership Unknown" Responses

For each activity:

1. Observations in the category "public but agency level unknown" were distributed proportionately among the public ownership classes where recreation occasions occurred.
2. Observations in the category "general unknown" were distributed proportionately among all ownership classes.

Calculation of Confidence Intervals

Seventy-five percent confidence intervals were calculated for the percent of occasions that occurred on each ownership level. The formula used was:

$$C_{ij} = 1.15 \sqrt{\frac{p_i \cdot q}{n_j - 1}} \text{ where:}$$

C_{ij} = confidence interval for occasions occurring on resources managed by ownership level in region j

P_i = percent of occasions in region j that occurred on resource managed by ownership level i

$$q = 1 - P_i$$

n_j = total number of occasions that occur in region j

1.15 = number of standard deviations above and below the mean containing 75 percent of observations under a normal curve

Minnesota



**DEPARTMENT OF
NATURAL RESOURCES**

**Daily and Weekly Levels of
Winter Outdoor Recreation
Participation**

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DAILY AND WEEKLY LEVELS OF WINTER RECREATION PARTICIPATION

Information concerning daily and weekly levels of winter recreation participation, in addition to total volume, can be used by the recreation resource planner for, among other things, providing facilities capable of accommodating periods of heavy use, scheduling staff assignments in accordance with use loads, and planning maintenance around peak use periods. This report presents the tabular results of daily and weekly participation distribution from data collected in a recreation participation survey sponsored by the Minnesota Department of Natural Resources during the 1977-1978 winter season.

Participation Distribution by Day of Week*:

Appendix A contains the tables portraying the daily pattern of winter recreation participation in each region and for the state as a whole. There are thirty-one tables, one for each activity or sub-category of an activity.

For example, look at Table 5 in order to get a feel for the daily distribution of cross-country skiing occasions. Referring to the "State Total" column, we see that 60% of all cross-country skiing occurs on the weekends with Saturday and Sunday each receiving relatively equal shares. By examining the regional columns, it is easy to see that Saturday and Sunday were the most popular ski days in all regions except Region 1 and Region 8.

*Data were aggregated into days of the week and week of the season as opposed to displaying the activity levels for each day of the season because of the small cell size that would result if the latter method had been used. A computer printout of the daily distribution of occasions for the season as a whole for each region can be made available.

Regarding weekday use, there does appear to be significant difference between some of the regions. Some of this variation may, of course, be due to occupational differences and other factors which vary between the regions. However, sampling variation is also a factor to consider when comparing small inter-regional differences. In fact, confidence intervals around some of these point estimates may be quite large in cells with small samples sizes.* Generally, the "State Total" column is believed to be the most reliable estimate.

Another example can be seen in Table 1 which displays the daily distribution of winter camping occasions. Interestingly, for the State as a whole, Fridays and Saturdays were the more popular days for winter camping. Perhaps Sunday was a travel day. However, due to the lack of popularity of winter camping, the many empty daily cells prohibits meaningful inter-regional comparisons. This situation should be kept in mind when analyzing the other activities. Only the more popular activities lend themselves to inter-regional analysis.

Distribution by Week of the Season

Appendix B contains the tables which display the weekly distribution of winter recreation occasions for the 1977-1978 season. For this study, the winter season was determined to be seventeen weeks long beginning on November 21st and ending on March 19th.

* Confidence intervals were not requested. Chi square analysis indicated significant variation for almost all activities. However, confidence intervals would reveal if the variation was due to sampling error or actual regional differences. This type of analysis should be considered for the summer recreation data.

By referring to Table 5, we can examine the weekly distribution of cross-country skiing occasions over the season. For the state as a whole, the weekly share of occasions increased in late November and early December and then dropped off right before Christmas. During the week of Christmas vacation, activities picked up but did not peak interestingly, until the first week of January. These results may seem contrary to expectations, but we have doubled checked the data and it appears to be correct. The same pattern holds for ice skating (Table 15), snowshoeing (Table 26), snowmobiling (Table 31), and some other activities. These are two possible explanations.* First, vacation travel plans may have lowered participation rates for the holidays, and secondly, and possibly more likely, weather conditions may not have been favorable over the holidays for these activities.

After the Christmas and New Year's Holiday, cross-country ski occasions stayed even at relatively high levels until March when the end of the winter began to approach.

As with the day of the week tables, small sample sizes resulted in empty weekly cells for some activities, especially on the regional levels. Again, the most reliable weekly distribution data is likely to be for the state as a whole.

Conclusions

Undoubtedly, the daily and weekly patterns of recreation participation when interpreted and used appropriately are both interesting and useful. Obviously, the results cannot be analyzed completely without knowledge of weather conditions, snow conditions, and other factors in conjunction with

*Weekly sampling differences have been corrected by weighting.

vacation times. Finally, when the daily and weekly percentage distributions are analyzed along with the total recreation occasions occurring in a region or in the state as a whole, approximate daily or weekly volumes may be obtained.

APPENDIX A

Winter Recreation Occasions by Day of the Week

TABLE 1A

Distribution of Winter Camping Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
TUESDAY	0.0	0.0	33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8
WEDNESDAY	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
THURSDAY	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
FRIDAY	0.0	0.0	28.5	0.0	0.0	0.0	0.0	20.3	60.9	0.0	0.0	100.0	20.5	29.1
SATURDAY	100.0	100.0	14.0	0.0	76.0	0.0	0.0	79.7	39.1	0.0	100.0	0.0	59.7	36.6
SUNDAY	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	4.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 2A

Distribution of Cross-Country Skiing (Free) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	9.1	8.4	0.0	3.0	12.3	0.0	1.5	0.0	0.0	15.2	29.0	11.5	9.0
TUESDAY	0.0	3.3	10.9	13.5	3.0	3.7	8.1	5.6	2.0	0.0	13.7	22.9	9.3	9.2
WEDNESDAY	0.0	10.7	10.4	12.2	1.3	5.7	0.0	3.5	1.2	0.0	14.9	0.0	9.7	8.6
THURSDAY	0.0	10.5	10.4	6.2	0.0	0.0	0.0	8.9	3.5	0.0	23.4	0.0	5.1	6.8
FRIDAY	0.0	0.0	9.4	14.6	8.7	9.0	0.0	1.4	0.0	0.0	0.0	0.0	4.0	5.5
SATURDAY	18.6	39.5	26.8	27.3	36.9	29.1	51.9	45.0	51.7	70.3	13.3	40.3	30.3	31.4
SUNDAY	81.4	26.8	23.8	26.2	47.0	40.2	40.0	34.1	41.6	29.7	19.5	7.8	30.2	29.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

Distribution of Cross-Country Skiing (Trail) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	9.1	10.3	16.3	0.0	13.6	4.8	10.4	0.0	15.7	0.0	0.0	0.0	10.9	10.6
TUESDAY	4.6	5.9	16.5	0.0	8.7	18.9	18.3	10.5	15.4	17.0	0.0	7.8	10.1	10.6
WEDNESDAY	14.1	2.0	13.7	4.0	7.6	4.6	21.6	5.8	5.3	0.0	24.9	0.0	5.7	7.0
THURSDAY	32.9	6.4	2.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	6.6	5.6
FRIDAY	4.6	14.0	6.4	4.1	2.7	7.1	10.6	0.0	10.5	10.2	16.2	9.7	5.5	6.5
SATURDAY	11.5	28.1	20.9	37.7	47.3	32.1	9.7	51.9	39.0	48.5	40.3	30.4	32.4	31.1
SUNDAY	23.2	33.3	23.7	46.8	20.1	32.6	29.4	31.8	14.1	24.3	18.7	45.3	28.9	28.7
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 4A

Distribution of Cross-Country Skiing (Combined) Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	0.0	0.0	0.0	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	12.7
TUESDAY	0.0	0.0	14.3	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	7.5	8.3
WEDNESDAY	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	5.0
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	7.4
FRIDAY	0.0	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	6.6
SATURDAY	0.0	24.0	55.3	19.3	0.0	46.5	72.9	35.1	100.0	0.0	0.0	100.0	13.6	26.0
SUNDAY	0.0	55.4	30.4	35.9	0.0	53.5	27.1	64.9	0.0	0.0	0.0	0.0	36.3	34.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 5A

Distribution of Total Cross Country Skiing Occasions by Day of the Week

DAY OF WEEK	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
MONDAY	7.0	9.2	11.2	2.2	5.8	7.6	3.4	1.0	4.8	0.0	10.1	7.7	11.6	9.9
TUESDAY	3.5	4.5	13.0	8.7	5.5	8.4	9.6	6.1	5.9	24.0	9.1	10.8	9.5	9.7
WEDNESDAY	10.9	5.3	11.4	10.1	3.0	4.3	7.0	3.7	2.4	0.0	18.2	10.3	7.3	8.1
THURSDAY	25.4	7.6	7.1	6.0	1.2	1.6	0.0	5.9	2.1	0.0	15.6	4.1	6.4	6.3
FRIDAY	3.6	8.9	8.0	10.5	6.9	6.8	3.4	0.9	3.2	4.9	5.4	5.9	5.2	6.0
SATURDAY	13.1	32.3	25.3	29.7	38.9	32.4	42.8	45.5	51.8	48.7	22.3	31.7	29.9	30.7
SUNDAY	36.5	32.1	23.9	32.8	38.8	38.9	33.7	36.9	29.8	22.4	19.2	29.6	30.1	29.3
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 6A

Distribution of Dog Sledding Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
TUESDAY	0.0	0.0	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8
WEDNESDAY	0.0	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	18.0
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FRIDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SATURDAY	79.6	0.0	20.1	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
SUNDAY	20.4	0.0	20.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	30.0
TOTAL	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>

TABLE 7A

Distribution of Downhill Skiing Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	11.9	8.7	5.6	3.1	12.9	49.6	0.0	3.5	13.3	0.0	17.2	7.5	9.9	8.4
TUESDAY	0.0	11.5	5.5	7.7	4.5	0.0	0.0	25.5	6.5	26.8	3.9	5.6	6.7	7.8
WEDNESDAY	13.8	11.2	17.9	2.6	0.0	0.0	0.0	8.1	0.8	0.0	8.0	6.6	15.6	13.2
THURSDAY	6.2	7.5	11.3	8.1	9.6	0.0	42.6	8.2	12.8	0.0	7.3	9.0	13.0	11.6
FRIDAY	4.9	8.2	15.6	12.7	3.9	0.0	0.0	10.7	22.5	0.0	0.0	10.0	10.1	11.6
SATURDAY	31.6	29.8	20.8	50.2	47.6	0.0	30.3	26.8	19.3	23.2	48.1	40.8	26.0	27.1
SUNDAY	31.5	23.2	23.4	15.7	21.6	50.4	27.1	17.3	24.8	50.0	15.6	20.5	18.8	20.3
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 8A

Distribution of Upland Bird Hunting Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	0.0	0.0	0.0	12.2	0.0	13.5	0.0	0.0	21.2	0.0	0.0	0.0	0.0	10.3
TUESDAY	0.0	100.0	0.0	16.1	14.6	11.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0	12.0
WEDNESDAY	0.0	0.0	13.9	25.1	47.8	8.6	100.0	0.0	46.7	0.0	0.0	0.0	0.0	20.9
THURSDAY	0.0	0.0	45.7	12.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1
FRIDAY	0.0	0.0	40.4	9.9	18.8	7.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	17.0
SATURDAY	0.0	0.0	0.0	14.8	18.8	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
SUNDAY	0.0	0.0	0.0	9.9	0.0	14.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	6.8
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 9A

Distribution of Big Game Hunting Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUESDAY	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
WEDNESDAY	52.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.8	0.0	17.4
THURSDAY	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
FRIDAY	9.1	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
SATURDAY	0.0	49.8	100.0	0.0	50.0	100.0	0.0	0.0	56.9	0.0	0.0	28.1	0.0	47.3
SUNDAY	0.0	32.5	0.0	0.0	50.0	0.0	0.0	0.0	43.1	0.0	100.0	28.1	0.0	25.9
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 10A

Distribution of Waterfowl Hunting Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUESDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WEDNESDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FRIDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SATURDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	42.9
SUNDAY	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	57.1
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 11A

Distribution of Miscellaneous Hunting Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	9.9	15.1	17.4	3.2	3.8	8.1	10.5	4.7	6.4	6.1	16.2	5.8	14.6	9.9
TUESDAY	10.0	2.8	14.4	10.6	5.3	10.7	6.3	12.2	11.0	4.7	12.6	21.0	14.1	12.6
WEDNESDAY	15.4	7.0	11.2	9.5	4.0	20.0	8.4	1.8	8.9	12.6	14.2	6.5	6.9	9.6
THURSDAY	7.2	19.8	11.4	6.4	9.6	7.7	10.8	23.2	15.3	0.0	11.8	2.8	0.0	8.8
FRIDAY	6.4	4.1	9.6	17.7	12.8	13.2	7.3	9.9	8.6	5.6	5.0	2.5	14.3	8.3
SATURDAY	31.5	28.9	19.0	24.3	42.7	17.0	36.7	11.9	26.3	52.1	25.6	30.3	18.6	26.9
SUNDAY	19.5	22.4	17.0	28.2	21.8	23.4	20.1	36.3	23.6	18.9	14.7	31.3	31.7	23.7
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 12A

Distribution of Total Hunting Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	9.0	12.6	15.9	5.1	3.4	10.1	10.4	4.7	6.9	6.0	16.0	5.3	14.6	9.5
TUESDAY	11.5	4.9	13.1	11.8	5.8	10.5	6.2	12.2	10.3	4.7	12.4	19.3	14.1	12.4
WEDNESDAY	18.7	5.8	11.0	12.8	7.1	14.8	9.3	1.8	11.2	12.5	14.0	7.8	6.9	10.6
THURSDAY	7.5	16.5	12.8	7.6	8.6	17.5	10.7	23.2	11.9	0.0	11.6	2.5	0.0	9.2
FRIDAY	6.7	5.9	10.8	16.1	12.8	10.3	7.3	9.9	6.7	6.3	5.0	3.8	14.3	8.6
SATURDAY	28.8	31.1	20.8	22.3	40.6	17.9	36.3	11.9	27.9	51.7	25.2	30.2	18.6	26.7
SUNDAY	17.8	23.2	15.6	24.3	21.8	18.9	19.9	36.3	25.1	18.8	15.7	31.1	31.7	23.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 13A

Distribution of Trapping Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	13.2	22.5	12.0	12.9	18.1	13.5	17.8	12.9	18.3	4.5	10.4	10.1	6.2	12.6
TUESDAY	20.3	16.4	18.6	12.7	14.1	13.1	11.0	8.0	18.8	16.6	0.0	12.1	25.2	15.9
WEDNESDAY	12.9	9.7	15.0	24.1	14.1	11.1	15.1	7.5	18.7	22.2	11.0	9.4	14.1	13.6
THURSDAY	13.7	14.4	13.5	15.9	20.5	19.4	10.8	7.4	16.9	16.0	0.0	8.2	14.4	13.5
FRIDAY	17.2	8.3	13.2	11.3	13.8	8.5	15.1	9.0	18.4	9.6	13.1	20.8	18.0	14.6
SATURDAY	12.5	14.5	18.2	11.6	9.8	20.5	15.1	41.7	8.9	9.8	52.4	18.6	6.8	16.4
SUNDAY	10.3	14.2	9.5	11.4	9.6	14.1	15.1	13.5	0.0	19.3	13.1	20.8	15.3	13.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 14A

Distribution of Ice Boating Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUESDAY	0.0	0.0	0.0	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	20.0
WEDNESDAY	0.0	0.0	0.0	45.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FRIDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SATURDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUNDAY	0.0	0.0	0.0	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	73.9	66.7
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 15A

Distribution of Ice Fishing Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	9.8	8.9	14.9	8.3	11.5	6.5	30.0	6.7	12.0	11.1	19.1	11.1	6.8	10.3
TUESDAY	21.2	8.9	12.8	8.8	7.5	8.1	11.1	3.8	10.0	13.9	12.1	0.0	4.9	8.0
WEDNESDAY	8.6	11.3	7.6	7.5	11.8	3.2	10.1	4.9	9.9	15.9	11.3	14.9	7.8	8.6
THURSDAY	8.4	11.2	8.6	7.8	9.4	18.1	5.7	4.6	14.7	10.0	10.3	10.9	9.1	9.5
FRIDAY	8.8	9.3	8.4	10.9	8.0	6.5	7.7	8.4	8.1	10.6	13.6	2.7	7.8	8.6
SATURDAY	16.4	21.4	23.8	27.7	25.8	28.7	22.3	39.9	21.7	26.7	9.4	25.3	37.9	28.5
SUNDAY	26.8	29.1	23.8	29.0	26.1	28.8	13.1	31.6	23.6	11.7	24.2	35.1	25.8	26.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 16A

Distribution of Figure Skating Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	6.8	18.1	6.4	0.0	0.0	4.7	0.0	19.6	0.0	9.7	8.3	7.7	10.1
TUESDAY	76.5	4.3	9.6	23.0	0.0	0.0	0.0	6.7	10.9	0.0	19.0	0.0	10.7	10.8
WEDNESDAY	0.0	13.3	13.2	15.5	14.6	13.6	24.6	7.9	10.4	39.5	9.6	26.4	13.0	13.6
THURSDAY	0.0	7.8	9.7	10.6	9.5	13.6	0.0	21.8	11.3	0.0	8.7	12.9	13.4	11.8
FRIDAY	0.0	6.5	12.6	5.0	0.0	14.1	12.6	6.7	26.3	21.6	7.8	0.0	10.6	11.0
SATURDAY	23.5	26.2	23.9	31.5	7.5	45.8	58.1	22.4	13.8	0.0	45.1	35.6	25.7	25.8
SUNDAY	0.0	35.0	12.9	8.0	68.4	12.9	0.0	34.6	7.7	38.9	0.0	16.7	18.9	16.9
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 17A

Distribution of Hockey Skating Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	7.9	17.0	14.2	19.6	12.2	11.0	36.2	10.1	11.8	11.0	16.9	20.0	13.6	13.9
TUESDAY	15.0	18.0	14.4	16.3	11.2	20.5	16.3	7.5	10.1	10.9	13.6	13.3	17.3	16.2
WEDNESDAY	4.2	10.3	15.9	22.2	27.5	17.7	0.0	11.6	15.1	20.1	9.9	15.9	12.9	13.5
THURSDAY	17.0	16.5	13.5	11.3	11.1	11.5	14.7	5.5	21.5	20.7	9.0	10.8	14.1	14.0
FRIDAY	9.4	12.7	12.6	13.8	15.7	18.4	12.4	28.5	9.4	13.1	10.3	12.8	11.4	11.8
SATURDAY	26.4	10.3	15.1	9.0	22.4	16.3	0.0	27.3	16.9	11.5	19.4	15.0	16.7	16.5
SUNDAY	20.1	15.2	14.2	7.7	0.0	4.7	20.4	9.5	15.2	12.7	20.9	12.3	14.1	14.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 18A

Distribution of Ice Skating (Free) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	7.3	11.0	14.0	12.3	10.6	12.2	11.2	11.9	7.6	7.5	6.1	12.1	11.3	11.2
TUESDAY	13.4	21.2	20.1	10.6	11.1	12.1	14.1	8.1	17.5	20.1	10.3	16.3	12.9	14.4
WEDNESDAY	19.0	15.5	13.3	11.3	6.2	16.5	15.1	6.8	10.8	10.3	17.7	18.2	9.9	11.6
THURSDAY	8.2	11.0	11.8	9.7	15.7	12.6	22.6	15.3	9.7	8.4	18.9	7.1	12.7	12.3
FRIDAY	16.2	7.4	8.1	15.3	10.1	12.1	7.4	16.0	10.8	15.6	7.4	11.6	14.3	12.6
SATURDAY	17.5	13.6	15.1	18.9	30.4	16.5	16.4	18.0	17.2	20.9	18.6	18.8	22.7	20.4
SUNDAY	18.4	20.3	17.5	21.8	15.8	18.0	13.3	23.9	26.3	17.3	20.9	15.9	16.2	17.7
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 19A

Distribution of Total Ice Skating Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	7.4	12.2	14.5	13.2	9.9	11.5	11.9	10.3	10.3	7.4	7.7	13.8	11.9	12.0
TUESDAY	16.2	17.5	17.2	13.6	10.3	12.7	12.2	7.8	14.7	19.0	11.4	14.5	14.5	14.7
WEDNESDAY	11.2	13.6	14.1	14.4	8.0	16.5	15.5	7.9	11.9	11.7	16.1	18.2	11.3	12.4
THURSDAY	12.2	12.2	12.1	10.2	15.0	12.5	18.9	13.9	13.0	8.8	17.0	8.4	13.3	12.8
FRIDAY	12.4	8.9	10.0	13.6	9.7	13.1	8.4	17.7	12.4	15.7	7.8	11.1	12.9	12.2
SATURDAY	22.0	14.6	16.1	18.3	28.4	17.7	21.2	20.4	16.7	19.7	20.8	19.0	20.5	19.5
SUNDAY	18.6	21.0	16.0	16.7	18.7	16.0	11.8	22.0	21.0	17.8	19.3	15.1	15.6	16.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 20A

Distribution of Open Water Fishing Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUESDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	10.5
WEDNESDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	0.0	10.9
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	12.0
FRIDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	8.8
SATURDAY	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
SUNDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	100.0	49.3
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 21A

Distribution of Orienteering Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	0.0	6.4	0.0	45.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
TUESDAY	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
WEDNESDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	7.0
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	34.0	12.9
FRIDAY	0.0	0.0	44.3	0.0	54.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6	39.2
SATURDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUNDAY	0.0	0.0	49.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 22A

Distribution of Sledding Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	9.0	13.2	14.1	12.4	9.7	12.4	12.8	7.2	11.5	7.2	16.8	9.7	11.9	11.8
TUESDAY	8.5	12.0	11.2	8.9	10.5	7.6	9.9	16.9	10.7	18.3	11.5	5.6	13.0	11.5
WEDNESDAY	13.3	13.0	13.5	8.8	13.2	11.0	11.0	8.1	11.6	13.7	12.2	10.4	10.1	11.0
THURSDAY	14.8	11.5	14.0	11.9	10.9	8.5	7.7	6.9	12.9	14.0	10.4	11.9	10.4	11.3
FRIDAY	10.1	11.7	15.4	11.4	12.5	13.3	10.0	9.4	10.7	5.4	10.6	12.8	12.6	12.4
SATURDAY	21.2	20.4	16.3	23.9	23.4	22.0	26.7	23.8	18.5	18.2	16.7	22.2	19.7	19.9
SUNDAY	23.2	18.3	15.5	22.7	19.8	25.1	21.9	27.8	24.1	23.2	21.8	27.3	22.1	22.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 23A

Distribution of Snowshoeing (Trail) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
TUESDAY	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
WEDNESDAY	18.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	6.7
THURSDAY	0.0	15.6	0.0	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	24.9
FRIDAY	0.0	18.0	30.2	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	15.6
SATURDAY	38.2	9.4	41.3	61.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	28.9
SUNDAY	43.7	14.5	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 24A

Distribution of Snowshoeing (Free) Occasions by Day of the Week

DAY OF WEEK	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
MONDAY	0.0	13.9	6.4	0.0	0.0	0.0	0.0	47.2	0.0	76.5	47.8	0.0	0.0	7.5
TUESDAY	0.0	15.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
WEDNESDAY	0.0	8.8	6.3	0.0	25.6	0.0	38.3	0.0	0.0	0.0	26.0	0.0	0.0	6.4
THURSDAY	0.0	14.2	12.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	42.0	12.1
FRIDAY	0.0	6.4	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
SATURDAY	0.0	20.9	15.0	100.0	55.5	19.8	53.9	0.0	26.6	0.0	0.0	79.7	58.0	31.8
SUNDAY	0.0	20.4	34.5	0.0	18.9	80.2	0.0	52.8	73.4	23.5	26.2	20.3	0.0	28.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 25A

Distribution of Snowshoeing (Combined) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUESDAY	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9
WEDNESDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THURSDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FRIDAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SATURDAY	0.0	0.0	65.6	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	45.6
SUNDAY	0.0	0.0	34.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	29.3
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 26A

Distribution of Total Snowshoeing Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	0.0	15.7	4.3	0.0	0.0	0.0	0.0	8.5	8.8	62.0	29.5	12.4	5.2	7.8
TUESDAY	0.0	16.3	6.2	0.0	47.3	0.0	0.0	8.5	17.1	0.0	0.0	0.0	6.5	8.9
WEDNESDAY	17.0	7.3	4.3	0.0	13.5	0.0	38.3	0.0	11.9	0.0	16.0	6.2	5.6	6.8
THURSDAY	5.8	14.6	8.2	12.7	0.0	13.5	7.8	14.4	0.0	0.0	0.0	0.0	49.3	13.3
FRIDAY	0.0	9.6	18.2	11.7	0.0	15.6	0.0	11.2	12.1	19.0	0.0	0.0	0.0	9.7
SATURDAY	36.0	17.7	25.7	39.3	29.2	14.0	53.9	47.8	13.3	0.0	38.4	54.6	33.3	29.6
SUNDAY	41.2	18.8	33.1	36.3	10.0	56.9	0.0	9.6	36.7	19.0	16.1	26.9	0.0	23.9
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 27A

Distribution of Snow Tubing Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	28.0	0.0	0.0	3.5	0.0	0.0	0.0	16.1	0.0	7.3	0.0	16.9	10.9	9.0
TUESDAY	0.0	0.0	0.0	0.0	0.0	0.0	9.0	12.4	0.0	10.5	0.0	7.5	8.9	7.2
WEDNESDAY	0.0	0.0	28.3	11.9	0.0	39.0	8.1	9.4	0.0	4.1	11.4	7.4	8.2	9.0
THURSDAY	0.0	9.6	0.0	0.0	25.6	0.0	0.0	9.6	0.0	4.4	0.0	24.4	9.5	8.3
FRIDAY	0.0	0.0	22.5	34.5	0.0	0.0	0.0	26.0	0.0	3.1	0.0	10.1	10.8	11.3
SATURDAY	72.0	59.6	20.7	3.6	26.4	43.0	13.8	10.1	72.9	40.8	38.4	16.9	22.4	24.8
SUNDAY	0.0	30.8	28.5	46.5	48.0	18.0	69.1	16.3	27.1	29.6	50.3	16.9	29.3	30.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 28A

Distribution of Snowmobiling (Trail) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	16.4	7.9	11.4	16.0	10.9	5.7	16.8	8.1	11.5	22.3	20.6	6.3	12.4	11.7
TUESDAY	16.7	6.7	9.8	8.7	9.0	0.0	0.0	7.8	11.9	11.9	10.3	4.7	6.6	8.4
WEDNESDAY	18.7	5.0	8.5	7.9	7.8	8.1	0.0	9.5	9.6	12.4	4.3	14.2	3.8	8.7
THURSDAY	11.7	10.9	10.1	8.0	9.5	0.0	0.0	14.0	8.2	6.2	2.6	8.5	5.9	8.6
FRIDAY	1.4	15.0	14.1	11.1	12.0	2.2	0.0	9.2	9.9	19.2	9.9	9.1	4.5	10.4
SATURDAY	11.1	19.4	21.6	21.2	26.3	34.0	0.0	14.0	25.8	10.4	23.4	36.9	34.1	25.2
SUNDAY	24.0	35.1	24.5	27.1	24.5	50.0	83.2	37.3	23.1	17.7	28.9	20.3	32.7	27.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 29A

Distribution of Snowmobiling (Free) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	11.6	15.7	9.6	12.4	10.6	10.1	15.8	11.7	9.9	14.8	10.8	9.6	14.2	11.8
TUESDAY	11.4	12.4	15.0	7.6	6.3	9.3	8.7	14.6	10.2	8.0	11.6	7.0	9.9	10.0
WEDNESDAY	11.5	12.1	11.0	13.3	11.9	8.9	11.5	13.7	8.7	16.0	13.4	6.5	10.2	10.7
THURSDAY	12.6	11.5	6.7	7.2	9.2	12.8	6.6	10.9	8.6	8.9	9.6	5.7	9.7	8.9
FRIDAY	9.8	10.9	10.9	11.1	10.3	7.5	14.6	10.1	8.1	10.6	9.4	19.6	14.2	12.3
SATURDAY	15.5	18.0	22.3	24.1	27.0	21.8	23.6	21.2	20.8	14.5	19.4	22.0	14.5	19.6
SUNDAY	27.6	19.4	24.4	24.3	24.6	29.6	19.0	17.9	33.7	27.2	25.8	29.7	27.3	26.6
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 30A

Distribution of Snowmobiling (Combined) Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	9.2	9.4	10.9	9.3	16.5	10.6	5.8	2.9	8.1	7.7	7.4	5.3	12.8	9.6
TUESDAY	9.5	6.6	6.6	14.4	4.1	7.4	0.0	8.1	12.9	6.0	7.0	10.4	14.3	9.9
WEDNESDAY	12.1	13.1	7.7	9.5	5.8	4.9	5.6	8.9	10.1	12.1	15.1	8.8	16.3	10.3
THURSDAY	8.2	15.6	10.1	9.3	7.1	9.5	4.7	3.2	13.3	12.7	5.4	10.6	8.7	9.1
FRIDAY	13.8	13.8	10.8	11.0	8.4	11.6	0.0	19.1	10.7	8.0	7.0	12.1	6.0	10.6
SATURDAY	24.1	23.5	20.5	19.2	30.9	22.9	28.9	38.4	28.5	21.6	30.9	13.3	18.1	23.2
SUNDAY	23.1	18.0	33.4	27.3	27.2	33.0	55.2	19.3	16.4	31.9	27.3	39.5	23.8	27.2
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 31A

Distribution of Total Snowmobiling Occasions by Day of the Week

DAY OF WEEK	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
MONDAY	11.7	12.4	10.7	12.3	11.9	9.7	14.9	8.3	9.8	15.8	11.8	8.1	13.7	11.3
TUESDAY	11.7	9.8	10.8	10.2	6.6	7.6	7.3	11.1	11.2	8.6	10.7	6.9	10.1	9.6
WEDNESDAY	12.6	10.5	9.2	10.5	9.4	7.7	10.2	11.3	9.2	15.1	12.2	8.8	10.2	10.2
THURSDAY	11.5	12.2	8.9	8.1	8.9	10.2	6.0	9.4	9.6	8.6	7.8	7.1	8.9	8.9
FRIDAY	9.6	12.5	12.3	11.1	10.4	7.9	12.2	12.5	9.1	12.1	9.1	15.8	11.2	11.5
SATURDAY	16.8	19.5	21.6	21.7	27.6	23.7	22.6	24.5	23.7	14.1	21.8	24.6	18.3	21.7
SUNDAY	26.1	23.0	26.5	26.1	25.1	33.2	26.8	22.9	27.4	25.7	26.5	26.7	27.6	26.8
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX B

Winter Recreation Occasions by Week of the Season

TABLE 22B

Distribution of Sledding Occasions by Week of Season

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WEEK OF SEASON	REGION													STATE TOTAL
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
Nov 12-27	7.5	1.3	9.2	2.7	0.3	8.2	5.7	3.0	3.1	0.0	0.0	7.9	0.0	2.7
Nov 28-Dec 4	11.1	3.0	9.1	6.3	2.6	11.8	11.5	3.1	2.2	1.9	3.0	11.8	5.8	6.4
Dec 5-11	8.9	26.8	18.0	3.5	6.9	6.8	8.8	4.5	3.7	2.1	6.1	12.9	9.9	10.2
Dec 12-18	3.4	13.1	4.5	11.8	6.1	6.7	7.2	0.8	0.0	1.0	2.1	0.9	9.3	6.4
Dec 19-25	1.9	1.9	4.3	0.0	3.5	3.3	2.5	1.1	1.1	5.4	4.0	5.9	2.2	2.8
Dec 26-Jan 1	13.9	2.1	3.6	1.2	0.5	7.2	7.9	7.5	15.8	17.3	7.6	3.8	8.9	7.6
Jan 2-8	2.3	3.5	6.7	8.4	10.6	7.1	8.0	17.1	16.1	8.0	12.0	5.1	12.1	10.3
Jan 9-15	6.2	2.9	3.5	4.7	7.1	10.2	5.4	11.9	4.3	10.5	3.0	2.3	6.3	5.4
Jan 16-22	3.1	7.2	1.1	8.5	4.6	4.0	9.6	3.7	6.0	11.7	15.7	2.0	7.9	6.5
Jan 23-29	2.4	11.2	2.0	13.1	2.7	9.5	1.4	2.8	6.2	9.4	10.2	4.8	6.8	6.2
Jan 30-Feb 5	17.9	2.0	2.3	6.8	0.0	3.2	4.9	4.9	6.3	2.6	8.7	15.0	4.2	5.6
Feb 6-12	6.8	2.5	10.1	10.7	18.7	7.3	12.7	16.5	13.7	5.6	1.2	11.1	2.9	6.8
Feb 13-19	4.6	4.8	3.8	7.1	14.9	8.0	3.1	13.5	3.8	4.4	2.3	3.9	4.5	4.9
Feb 20-26	5.0	4.1	4.0	9.4	6.5	2.8	6.1	5.6	7.0	4.0	7.4	1.7	8.0	6.4
Feb 27-Mar 5	1.3	4.4	1.9	4.7	1.1	0.7	0.0	0.0	4.7	9.4	6.3	4.0	4.6	4.0
Mar 6-12	2.8	8.5	7.6	0.0	3.2	1.0	5.2	4.1	3.5	2.9	7.4	4.5	3.6	4.2
Mar 13-21	0.8	0.7	8.2	0.8	10.7	2.2	0.0	0.0	2.6	3.7	3.0	2.5	3.0	3.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0

