User Characteristics and Use Trends Since the 1990s on Paved State Bicycle Trails



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INTRODUCTION

In the 1990s, the Minnesota Department of Natural Resources conducted ten studies of off-road paved state bicycle trails, which at the time represented nearly all

such trails (Reference 1). Bicycle trails are "paved" with asphalt or compacted aggregate, including crushed limestone; some of the trails have a parallel treadway with an unpaved natural surface. They are commonly referred to as "bicycle" trails, because they are non-motorized and biking is a primary activity.



Eight of the ten trails that were studied in the 1990s have been revisited since 2007, providing a fresh perspective on trail use and the characteristics of the user population (Table 1). An earlier report provided results from five of the eight trails with trend information (Reference 2).

This report is a summary of the findings from the full set of past and present trail studies. Attention is focused on both the current characteristics of summer trail users and on trends since the 1990s, the latter because trail use and trail users have changed.

Activity participation on state bicycle trails is a form of nature-based outdoor recreation, which also includes — but is not limited to — state and national park visitation, boating, fishing, hunting, snowmobiling, and nature observation. Participation trends in nature-based recreation are a concern, and this concern extends to state bicycle trails. After some 50 years of growth following World War II, nature-based outdoor recreation turned a corner in the 1990s, and is now exhibiting declining participation on a per-capita basis. The decline is broad based and national in scope (Reference 3).

Efforts to maintain or grow participation levels in nature-based recreation face two major challenges in Minnesota and across the nation (Reference 3):

<u>Generational challenge</u>: young adults (under age 45) and their children are not as involved in these activities as in the past; when extrapolated this trend leads to further participation decreases in the near future.

<u>Race/ethnicity challenge</u>: nature-based activity participation is concentrated in the non-Hispanic white population, which is expected to grow very little (if at all) in the near future; when the primary participant base is stable to declining, participation is difficult to maintain or grow.

State bicycle trail use faces both of these major challenges. Trail use has shifted from younger to older age classes, and non-Hispanic whites are consistently over-represented on the trails relative to population proportions. The non-Hispanic white population has largely quit growing in Minnesota, while the non-white and Hispanic populations — which are under-represented in trail use relative to population proportions. These findings, among others, are detailed below.

The people using state bicycle trails have a great deal in common with Minnesota state park visitors, and there is undoubtedly a fair amount of participant crossover between trails and parks. They share similar demographic profiles and user trends. Thus, many of the recently reported findings for state park visitors (Reference 4) are reiterated for trail users in this report.

After a brief discussion of methodology, the results are presented as follows: Characteristics of Minnesotans using state bicycle trails Trends in trail use overall, and by trail activity, day of week, distance traveled from home to the trail, and age class.

METHODOLOGY

A trail study covers the summer season from Memorial Day weekend to Labor Day. A study has two components: counting trail users, and collecting user characteristics and opinions through a survey. The first component amounts to an approximation of "instantaneous" counts of users on trail segments. The counts are one hour or less in duration and are made by field staff traveling (on a bike or in a vehicle) the length of a trail segment; all trails have multiple segments. Trail users are counted by activity, including biking, walking, skating, running, and other activities. For the second component, the field person recruits users on the trail for the survey and obtains their name and address; a survey is then mailed a few days later, and a follow-up to nonrespondents is mailed some three weeks hence. Both the survey and counting dates, times and places follow a statistical sampling plan. Sample counts are statistically projected to full summer use quantities in the usual way that stratified samples are expanded. Survey results are weighted by trail use, which ensures that results from one trail are not over- or under-represented when combined with results from another trail. Survey weighting is done by trail activity and day of week (weekends/holidays and weekdays).

Eight trails are included in the trend analysis for this report (Table 1). All eight share the same counting methodology in the past and present set of studies. The survey methodology for one trail study (Paul Bunyan in 1996), however, is inconsistent with all the others, so the Paul Bunyan is excluded from trend analyses when the surveys are a basis for the trend.

	Table 1			
Comparable state trail	studies conducte	ed from 1996-9	28 to 2007-13	
Trail and comparable segment(s) between studies	First study year	Second study year	Miles of comparable trail	Comments
Paul Bunyan, Baxter to Hackensack	1996	2007	48.2	1996 trail-user surveys not comparable to other studies
Douglas, Rochester to Pine Island	1997	2009	12.5	
Root River & Harmony-Preston Valley, Fountain to Preston and Isinours to Money Creek Woods	1997	2008-09	40.8	
Heartland, Park Rapids to Walker	1998	2007-08	27.3	
Paul Bunyan State Trail Near Lake Bemidji State Park, Mississippi River to northern terminus	1998	2009	5.3	
Luce Line, Plymouth to Winsted	1998	2011-12	29.0	
Glacial Lakes, Willmar to Hawick	1998	2012	18.0	
Sakatah Singing Hills, Mankato to Faribault	1998	2013	<u>38.0</u>	
Total miles			219.1	

The eight trails in Table 1 have a total of 793 nominal one-hour trail segment counts in the 1990s, and 792 counts in the recent set of studies. For the seven trails with surveys for trend analyses, there are 1946 returned surveys in the 1990s and 1753 in the 2007-13 studies. The survey return rate in the 1990s is 69 percent, and is 78 percent in the recent set of studies. These return rates are sufficiently high (near 70 percent and above) to allay concerns about nonresponse bias.

The comparison of the trails users with the general Minnesota population is based on all the trail studies conducted from 2007 to 2013. This includes the eight trails in Table 1, plus the Gitchi Gami and Central Lakes. These ten trails have a total of 2565 returned user surveys; the survey return rate is 79 percent, which again is sufficiently high to allay concerns about nonresponse bias.

CHARACTERISTICS OF PAVED STATE BICYCLE TRAIL USERS

A demographic description of state bicycle trail users is formed by comparing the users from Minnesota to the general Minnesota population (Reference 5). Minnesotans make up the large majority (83%) of use of the ten trails studied between 2007 and 2013 that are the basis for the population comparison.

Minnesota bicycle trails draw substantially from all age groups (Table 2), similar to Minnesota state park visitors (Reference 4). Some age groups, however, are overand under-represented. The one over-represent group is Minnesota trail users in the 41 to 65 age range; they comprise one-third of the general population and just over half of trail users. All other age classes are under-represented. Young adults (40 and younger) and children are under-represented; they comprise 55 percent of the general population and 40 percent of trail users. Older adults (over 65) are under-represented, too.

Trail users from Minnesota are an even mix of females and males, same as the general population, and similar to Minnesota state park visitors.

The large majority of Minnesota trail users — as with Minnesota State Park visitors — are non-Hispanic whites (97%). Few users (3%) are non-white and/or Hispanic, while the Minnesota population has 17% in this race and ethnicity category. On a per-capita basis, the non-white and/or Hispanic populations (as a group) are under-represented in trail users by a factor of six.

As noted in the introduction, one of the major challenges facing the future of nature-based recreation participation, including state trail and park use, is the relatively low participation of non-white and/or Hispanic populations. Participation is concentrated in the non-Hispanic white population. The non-Hispanic white population showed little growth over the last 10 years in Minnesota and nationwide

Table 2

Demographic characteristics of Minnesotans who use state trails in the ten studies from 2007 to 2013

(Notes: Minnesotans account for 83 percent of the use of the ten trails. Restricted to party sizes of 10 or less, due to the statistical impact of a few very large groups on age distribution. Minnesota population characteristics data from U.S. Census Bureau, 2010.)

Characteristic	MN Trail users (percent)	MN population, 2010 (percent)
A. Age Class (all trail users)		
Children (under 13)	12%	17%
Teens (13 to 18)	6%	8%
Adults (19 to 40)	22%	29%
Adults (41 to 65)	51%	33%
Adults (over 65)	<u>9%</u>	<u>12%</u>
Total	100%	100%
Median age	46.5	37.4

<u>B. Gender (survey respondent)</u>			
Female	50%	50%	
Male	<u>50%</u>	<u>50%</u>	
Total	100%	100%	

<u>C. Race and ethnicity (survey respon</u>	<u>dent)</u>	
White, Non-Hispanic/Latino	97%	83%
Non-white and/or Hispanic/Latino	<u>3%</u>	<u>17%</u>
Total	100%	100%

<u>survey respondent)</u>	
99%	92%
63%	32%
22%	10%
	survey respondent) 99% 63% 22%

Median income	Near \$75,000	\$55,459	
Total	100%	100%	
over \$100,000	<u>33%</u>	<u>21%</u>	
\$75,000 to \$99,999	19%	14%	
\$60,000 to \$74,999	15%	11%	
\$50,000 to \$59,999	11%	8%	
\$40,000 to \$49,999	8%	9%	
\$30,000 to \$39,999	7%	10%	
under \$30,000	9%	26%	

(Table 3), a trend that is expected to continue, according to a recent population projections from the U.S. Census Bureau (Reference 6). These population trends, in conjunction with the recreation-participation patterns by race and ethnicity, will increase the difficulty of maintaining and expanding nature-based activities.

	Tal	ole 3					
Changing racial and ethnical composition of population in Minnesota and U.S., 2000 to 2010 (Source: U.S. Bureau of the Census)							
Race & ethnicity	Population 2000	Population 2010	Numerical <u>change</u>	Percent <u>change</u>			
Minnesota							
White, non-Hispanic Non-white and/or Hispanic	4,337,143 <u>582,336</u>	4,405,142 <u>898,783</u>	67,999 <u>316,447</u>	2% 54%			
Total	4,919,479	5,303,925	384,446	8%			
<i>U. S.</i>							
White, non-Hispanic Non-white and/or Hispanic	194,552,774 <u>86,869,132</u>	196,817,552 <u>111,927,986</u>	2,264,778 <u>25,058,854</u>	1% 29%			
Total	281 421 906	308 745 538	27 323 632	10%			

Minnesota trail users (25 years old or older) are well educated, similar to Minnesota state park visitors (Reference 4). Nearly two-thirds (63%) have at least a bachelor's degree, which is twice as high as the general population. Also twice as high is the prevalence of postgraduate degrees among trail users.

Lastly, Minnesota trail users have higher annual household incomes (median near \$75,000) than the general population (median near \$55,000), which is consistent with higher educational attainment. This same income pattern was found for Minnesota state park visitors.

TRENDS IN PAVED STATE BICYCLE TRAIL USE

Total trail use

On the eight trails with trend information, overall use is down sharply (about 30%) from the 1990s (Table 4). Most of the eight trails (five) experienced a statistically significant decline in use, two experienced no change, and one had an increase.

The two trails that predominately served local markets in the 1990s experienced stable to growing use (Douglas, and Luce Line — see Table 5). In contrast, all three tourist-oriented trails in the 1990s experienced sizable decreases in use (Paul Bunyan, Heartland, and Root River & Harmony Preston Valley). Trail use from local populations (as shown in the distance traveled section below) has been the most resilient over time. Use declines are concentrated in the longer-distance travel markets. Trail use, it appears, is not as prevalent in the mix of tourist-recreation activities as it was in the past.

Table 4	1			
Summer* Use Trends of	on State Trails			
Trail, study years, and comparable segment	First study Total summer user hours	Second study Total summer <u>user hours</u>	Percent change	Standardized 10-year trend:** Percent change
INCREASE in use; change statistically significant 0.05 probability level				
Douglas, 1997 to 2009, Rochester to Pine Island	45,810	64,869	42%	35%
DECREASE in use; change statistically significant 0.05 probability level				
Paul Bunyan, 1996 to 2007, Baxter to Hackensack	148,760	69,838	-53%	-48%
Heartland, 1998 to 2007-08, Park Rapids to Walker	118,337	60,878	-49%	-54%
Root River & Harmony-Preston Valley (RR & HPV), 1997 to 2008-09, Fountain to Preston and Isinours to Money Creek Woods	178,762	111,580	-38%	-34%
Glacial Lakes, 1998 to 2012, Willmar to Hawick	31,707	20,998	-34%	-24%
Sakatah Singing Hills, 1998 to 2013, Mankato to Faribault	89,633	62,888	-30%	-20%
NO CHANGE in use; change not statistically significant 0.05 probability level				
Paul Bunyan State Trail Near Lake Bemidji State Park, 1998 to 2009, Mississippi River to northern terminus	17,488	14,524	-17%	-15%
Luce Line, 1998 to 2011, Plymouth to Winsted	61,047	65,733	8%	6%
Total	691,544	471,308	-32%	-30%

* Summer extends from the Saturday of Memorial Day weekend to Labor Day. Because summers vary in length, and because this affects comparability between studies, summer length is set by the second study.

** Assumes the same linear change in user-hours per year.

			1401					
Chang	ge in travel	characte	ristics of tr	ail users fro	om 1996-98	3 to 2007-13		
A. Travel characteristics in 19	96-98 period							
		Tourist trails		Local-ı	ise trails	Mix	local/tourist	rails
Trail-use statistic	<u>Paul Bunyan</u>	Heartland	<u>RR-HPV*</u>	Douglas 1	Luce Line	Glacial Lakes	Sakatah*	PB-BSP*
• Median <u>miles</u> of users from home	(Trail-user surveys not	95	105	5	4	15	25	8
• Percent of use from within 10 miles of the trail	other studies. Is clearly a tourist trail in the 1990s,	25%	6%	80%	72%	48%	40%	56%
• Percent of use from over 50 miles of the trail	as it is today.)	65%	71%	8%	2%	24%	23%	29%
B. Travel characteristics in 200	07-13 period							
		Tourist trails				Local-use trails		
Trail-use statistic	Paul Bunyan	Heartland	<u>RR-HPV*</u>	Douglas 1	Luce Line	Glacial Lakes	Sakatah*	PB-BSP*
• Median <u>miles</u> of users from home	120	125	120	3	4	4	6	5
 Percent of use from within 10 	33%	29%	9%	83%	80%	71%	60%	71%
miles of the trail								
miles of the trail Percent of use from over 50 miles of the trail	59%	62%	70%	7%	3%	17%	19%	21%
miles of the trail Percent of use from over 50 miles of the trail	59%	62%	70%	7%	3%	17%	19%	21%

Three other trails (Glacial Lakes, Sakatah Singing Hills, and Paul Bunyan segment near Bemidji) served a mix of tourists and locals in the 1990s (Table 5). All experienced declines in their longer-distance markets, which led to overall declines in use on two of the trails (Glacial Lakes and Sakatah), but produced no statistically significant change in use on the other (Paul Bunyan segment near Bemidji). All three trails are now classified as predominately local-market trails.

Trail activity

For trail activities, the decreases are largest for biking and skating, with pedestrian activities (walking/hiking and running/jogging) experiencing stable to growing use over time (Table 6). Biking is the main trail activity (now and in the past) and its decrease leads overall trail use down. Skating is a secondary trail activity that is down sharply, due mostly to the decline in popularity of the sport. Compared with biking, the pedestrian activities may be more a part of a routine lifestyle, less recreationally and more utilitarian oriented ("utilitarian" in the sense, for example, of

Change in summer trail use by activity (compares <u>eight</u> trails over time; use figures are based on counting portion of trail studies)						
Category of trail use	First period <u>1996-98</u>	Second period 2007-13	Change in value from first to second period			
A. Profile of use (percent of to	otal)					
Trail Activity						
Biking	75%	67%	-8%			
Skating	7%	3%	-4%			
Walking	14%	21%	8%			
Running	2%	6%	4%			
Other (including horse)	<u>1%</u>	<u>2%</u>	1%			
Total percent	100%	100%	0%			
Walking/running subtotal	16%	28%	12%			
B. Hours of use						
Trail Activity						
Biking	521,186	317,318	-203,868			
Skating	51,610	13,997	-37,614			
Walking	95,097	101,005	5,908			
Running	16,667	29,422	12,755			
Other (including horse)	<u>6,984</u>	<u>9,567</u>	<u>2,583</u>			
Total hours	691,544	471,308	-220,236			

exercising and dog walking). They are mainly done near home, and they are the drivers in the near-home trail market resilience over time.

This general pattern of activity change is found on nearly all the trails individually (Table A-1 in Appendix A), providing evidence of the broad basis of the changes. Further evidence of the broadness of the changes comes from national participation data available from the NSGA (Reference 7). National trends from the mid 1990s show increasing pedestrian activity (walking/hiking/running/jogging), decreasing skating, and decreasing biking, although biking is relatively stable over the last decade (Figure A-1 in Appendix A).

Day of week of trail use

The overall trail declines are concentrated on weekends/holidays (Table 7). This pattern of change seems consistent with the trend toward more utilitarian-oriented activities that are done close to home on a daily basis. There are, of course, more weekdays than weekend days available for routine daily activities.

Table 7					
Change in summer trail use by day of week (compares <u>eight</u> trails over time; use figures are based on counting portion of trail studies)					
Category of trail use	First period <u>1996-98</u>	Second period 2007-13	Change in value from first to second period		
A. Profile of use (percent	t of total)				
Day of Week					
Weekend/Holidays	52%	46%	-6%		
Weekdays	<u>48%</u>	<u>54%</u>	<u>6%</u>		
Total percent	100%	100%	0%		
B. Hours of use					
Day of Week					
Day of Week		210 120	-143 269		
Weekend/Holidays	362,399	219,150	-1+5,207		
Weekend/Holidays Weekdays	362,399 <u>329,145</u>	<u>219,130</u> <u>252,179</u>	<u>-76,966</u>		

This general pattern of day-of-week change is found on nearly all the trails individually (Table A-2 in Appendix A), providing evidence of the broad nature of the changes.

Distance traveled from home to trail

As noted above, the local trail market is the most stable over time, while the longer travel-distance markets are in decline (Table 8). In fact, user hours in the local market grew over time, in spite of the overall decline in trail use. This local-market growth roughly matches the population growth of the cities and towns in which the trails are located, meaning that per-capita trail use is largely stable in the local market over time.

	Table	8	. h
Change in summe	r trail use by tra	ivel distance from	nome
(compares <u>sever</u>	<u>i</u> trails over time; u	ise figures are based	on
counting	and survey portion	n of trail studies)	
Category of trail use	First period <u>1997-98</u>	Second period 2007-13	Change in value from first to second period
A. Profile of use (percent o	f total)		
Miles from home			
10 miles or less	34%	49%	15%
10.1 to 50 miles	22%	16%	-6%
50.1 to 100 miles	15%	8%	-7%
over 100 miles	<u>30%</u>	<u>27%</u>	<u>-3%</u>
Total percent	100%	100%	0%
B. Hours of use			
Miles from home			
10 miles or less	182,006	196,442	14,437
10.1 to 50 miles	118,148	63,935	-54,214
50.1 to 100 miles	80,910	33,440	-47,470
over 100 miles	<u>161,720</u>	<u>107,653</u>	<u>-54,067</u>
Total hours	542,784	401,470	-141,314
C. Median miles of travel b	y trail activity		
Median miles from home			
All activities	40	12	-28
Biking	70	40	-30
Diking			

Consistent with the rise in the near-home market and fall in the away-from-home market, the median distance traveled by trail users declined from the 1990s to 2007-13 (Table 8). Biking median travel distance declined sharply, while the pedestrian activities (walking/running) remained predominately near home in both study periods. The growth of the pedestrian activities (Table 6) helped fuel the near-home market growth.

This general pattern of travel-distance change (near-home market growing) is found on all the trails individually (Table A-3 in Appendix A), providing evidence of the broad basis of the change.

Age of trail users

With respect to age, the trends show a shift in trail use from younger adults, teens and children to older adults (Table 9). The portion of trail use accounted for by younger users (40 and under) fell from about half (51%) to 37 percent between the 1990s and 2007-13, while older users (over 40) increased their share of use from about half to 63 percent. As a result of these age-class shifts, the median age of trail users increased 7.4 years from 1997-98 to 2007-13, which is a relatively rapid aging of the trail users (for perspective, the median age of the Minnesota population increased 2.6 years over this period).

This general pattern of age change is found regularly on all the trails individually (Table A-4 in Appendix A), indicating that the change is of a general nature. All the trails have a decreasing proportion of use from people 40 and younger, and an increasing portion from those over 40. All but one trail has a median age increase that exceeds the Minnesota population increase of 2.6 years.

The aging of the trail participant population can be put into sharper perspective by comparing Minnesota trail participants to the Minnesota population. Minnesota trail users 40 and under made up 52 percent of trail use in the 1990s, and this fell to 38 percent in the recent studies, a decline of 14 percentage points (Table 10, part A). Over the same period, the portion of the Minnesota population in the 40-and-under age group declined just 6 percentage points, which means the participant population is growing older more rapidly than the general population. The median age of Minnesota trail users increased 7.0 years between the study periods, a much larger increase than the general population increase of 2.6 years (Table 10, part B).

Table 9

Change in summer trail use by age class for all users

(compares <u>seven</u> trails over time; use figures are based on counting and survey portion of trail studies; restricted to party sizes of 10 or less, due to the statistical impact of a few very large groups on age distribution)

Category of trail use	First period <u>1997-98</u>	Second period <u>2007-13</u>	Change in value from first to second period
A. Profile of use (percent of	total)		
Age class			
Children (under 13)	15%	11%	-4%
Teens (13 to 18)	7%	4%	-3%
Adults (19 to 40)	29%	22%	-7%
Adults (41 to 65)	42%	54%	11%
Adults (over 65)	<u>6%</u>	<u>10%</u>	3%
Total percent	100%	100%	0%
Subtotal for 40 and under	51%	37%	-15%
G_{1} (1) (0)	100/	63%	15%
B. Hours of use	47/0		
B. Hours of use	4770		
B. Hours of use Age class Children (under 13)	83,150	45,546	-37,604
B. Hours of use Age class Children (under 13) Teens (13 to 18)	83,150 37,318	45,546 14,331	-37,604 -22,987
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40)	83,150 37,318 157,817	45,546 14,331 86,889	-37,604 -22,987 -70,928
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65)	83,150 37,318 157,817 230,403	45,546 14,331 86,889 215,633	-37,604 -22,987 -70,928 -14,770
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65)	83,150 37,318 157,817 230,403 <u>34,098</u>	45,546 14,331 86,889 215,633 <u>39,071</u>	-37,604 -22,987 -70,928 -14,770 4,973
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours	83,150 37,318 157,817 230,403 <u>34,098</u> 542,787	45,546 14,331 86,889 215,633 <u>39,071</u> 401,469	-37,604 -22,987 -70,928 -14,770 <u>4,973</u> -141,317
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under	83,150 37,318 157,817 230,403 <u>34,098</u> 542,787 <i>278,285</i>	45,546 14,331 86,889 215,633 <u>39,071</u> 401,469 <i>146,765</i>	-37,604 -22,987 -70,928 -14,770 <u>4,973</u> -141,317 -131,520
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40	83,150 37,318 157,817 230,403 <u>34,098</u> 542,787 <i>278,285</i> <i>264,501</i>	45,546 14,331 86,889 215,633 <u>39,071</u> 401,469 <i>146,765</i> 254,704	-37,604 -22,987 -70,928 -14,770 4,973 -141,317 -131,520 -9,797
B. Hours of use Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 C. Median age of user	83,150 37,318 157,817 230,403 <u>34,098</u> 542,787 <i>278,285</i> <i>264,501</i>	45,546 14,331 86,889 215,633 <u>39,071</u> 401,469 <i>146,765</i> <i>254,704</i>	-37,60 -22,987 -70,928 -14,770 4,972 -141,317 - <i>131,520</i> -9,797

Table 10

Change in summer trail use by age class for users from Minnesota

(compares <u>seven</u> trails over time; use figures are based on counting and survey portion of trail studies; restricted to party sizes of 10 or less, due to the statistical impact of a few very large groups on age distribution)

Note: Minnesotans account for 80 to 83 percent of total use on these seven trails

Category of trail use	First period 1997-98	Second period 2007-13	Change in valu from first to second perior
A. Profile (percent of total)			
Age class of trail user			
Children (under 13)	15%	12%	-3%
Teens (13 to 18)	7%	4%	-3%
Adults (19 to 40)	30%	22%	-8%
Adults (41 to 65)	42%	53%	11%
Adults (over 05)	1000/	<u>970</u>	<u></u>
I otal percent	100%	100%	0%
Subtotal for 40 and under	52%	38%	-14%
Subtotal for over 40	48%	62%	14%
Age class of Minnesota populati	on in 1998 and 2	010	
Children (under 13)	19%	17%	-1%
Teens (13 to 18)	10%	8%	-1%
Adults (19 to 40)	32%	29%	-3%
Adults (41 to 65)	28%	33%	5%
Adults (over 65)	12%	12%	00
Total percent	100%	100%	0%
Subtotal for 40 and under	60%	55%	-6%
Subtotal for over 40	40%	45%	6%
3. Median age Trail users Minnesota population	40.2 34.8	47.2 37.4	7. 2.
3. Median age Trail users Minnesota population in 1998 and 2010	40.2 34.8	47.2 37.4	7. 2,
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o	40.2 34.8 f Minnesotans	47.2 37.4	7. 2.
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai	40.2 34.8 f Minnesotans	47.2 37.4	7. 2.
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13)	40.2 34.8 f Minnesotans l user 67,560	47.2 37.4 40,499	7. 2. -27,06
Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Hours of use (10 to 18)	40.2 34.8 f Minnesotans l user 67,560 29,802	47.2 37.4 40,499 12,572	-27,06 -17,23
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (21 to 40)	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 128,792	47.2 37.4 40,499 12,572 72,258	-27.06 -17.23 -56,53
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (40 tr 65) Adults (ver 65)	40.2 34.8 f Minnesotans Luser 67,560 29,802 128,792 181,725 28,476	47.2 37.4 40,499 12,572 72,258 175,489 30 739	-27,06 -17,23 -56,53 -6,23 -2,26
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65)	40.2 34.8 f Minnesotans Luser 67,560 29,802 128,792 181,725 28,476	47.2 37.4 40,499 12,572 72,258 175,489 30,739	7. 2. -27,06 -17,23 -56,53 -6,23 2,26
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 <u>28,476</u> 436,355	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559	7. 2. -27,06 -17,23 -56,53 -6,23 <u>2,26</u> -104,79
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 28,476 436,355 226,154	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559 <i>125,330</i>	7. 2. -27,06 -17,23 -56,53 -6,23 2,26 -104,79 -100,82-
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trail Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19	40.2 34.8 f Minnesotans Luser 67,560 29,802 128,792 181,725 <u>28,476</u> 436,355 226,154 210,201	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559 <i>125,330</i> 206,229	7. 2. -27.06 -17.23 -56.53 -6.23 -2.26 -104.79 -100.82 -3.973
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559 <i>125,330</i> <i>206,229</i> 2010	7. 2. -27,06 -17,23 -56,53 2.26 -104,79 -100,82- -3,97.
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age	40.2 34.8 f Minnesotans l user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and	47.2 37.4 40,499 12,572 72,258 175,489 30,739 331,559 125,330 206,229 2010	7. 2. -27,06 -17,23 -56,53 -6,23 2,26 -104,79 -100,82 -3,97.
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teome (12 to 19)	40.2 34.8 f Minnesotans l user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559 <i>125,330</i> <i>206,229</i> 2010 922,119 426(2)2	7. 2. -27.06 -17.23 -56,53 -6,23 2.26 -104,79 -100,82 -3,97. 21,20
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teens (13 to 18) Adults (19 to 40)	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915 457,549	47.2 37.4 40,499 12,572 72,258 175,489 30,739 331,559 <i>125,330</i> 206,229 2010 922,119 436,603 1544 722	7. 2. 2. -27.06 -17.23 -56.53 -6.23 2.26 -104,79 -100.82 -3.97. 21,20 -20,94
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trail Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (19 to 40) Adults (10 to 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40)	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915 457,549 1,542,607	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559 <i>125,330</i> 206,229 2010 922,119 436,603 1,544,722 1,766,532	7. 2. -27,06 -17,23 -56,53 -6,23 2,26 -104,79 -100,82 -3,97 21,20 -20,94 2,11
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trail Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (19 to 40) Adults (10 to 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (ver 65)	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915 457,549 1,542,607 1,349,308 563,033	47.2 37.4 40,499 12,572 72,258 175,489 <u>30,739</u> 331,559 <i>125,330</i> <i>206,229</i> 2010 922,119 436,603 1,544,722 1,760,532 639,949	7. 2. -27,06 -17,23 -56,53 -6,23 2,26 -104,79 -100,82 -3,97. 21,20 -20,94 2,11 411,22 Z6,91
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total population	40.2 34.8 f Minnesotans l user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915 457,549 1,542,607 1,349,308 563,033 4,813,412	47.2 37.4 40,499 12,572 72,258 175,489 30,739 331,559 <i>125,330</i> 206,229 2010 922,119 436,603 1,544,722 1,760,532 <u>639,949</u> 5,303,925	7. 2. 2. -27,06 -17,23 -56,53 2.26 -104,79 -100,82 -3,97. 21,20 -20,94 -2,11 411,22 76,91 490,51
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number of Hours of use by age class of trail Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (41 to 65) Adults (41 to 65) Adults (41 to 65) Adults (over 65) Total population	40.2 34.8 f Minnesotans l user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915 457,549 1,542,607 1,349,308 <u>563,033</u> 4,813,412	47.2 37.4 40,499 12,572 72,258 175,489 30,739 331,559 <i>125,330</i> 206,229 2010 922,119 436,603 1,544,722 1,760,532 <u>639,949</u> 5,303,925	7. 2. 2. -27,06 -17,23 -56,53 -6,23 2,26 -104,79 -100,82 -3,97 21,20 -20,94 2,11 411,22 76,91 490,51
3. Median age Trail users Minnesota population in 1998 and 2010 C. Hours of use and number o Hours of use by age class of trai Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total hours Subtotal for 40 and under Subtotal for over 40 Number of Minnesotans by age Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (41 to 65) Adults (ver 65) Total population Subtotal for 40 and under	40.2 34.8 f Minnesotans I user 67,560 29,802 128,792 181,725 28,476 436,355 226,154 210,201 class in 1998 and 900,915 457,549 1,542,607 1,349,308 563,033 4,813,412 2,901,071	47.2 37.4 40,499 12,572 72,258 175,489 30,739 331,559 <i>125,330</i> 206,229 2010 922,119 436,603 1,544,722 1,760,532 <u>639,949</u> 5,303,925 2,903,444	7: 2: 2: -27,06 -17,23 -56,53 -6,23 2,26 -104,79 -100,82 -3,97: 21,20 -20,94 2,11 411,22 76,91 490,51 2,37:

In terms of the age-class shift of hours of trail use, the hour declines are largest in the younger age classes, and least in the older age classes, with the oldest age class (over 65) even showing a small increase (Table 10, part C). These hour shifts are difficult to interpret, however, because of the corresponding shifts in the underlying population, which — for example — is growing rapidly in the older age classes that have the least decline in trail use.

To facilitate the interpretation of hours of trail use relative to population, the trend analysis is performed on a per-capita basis, with trail-use hours by age class normalized by population in each study period. The resulting per-capita age-class trends are all negative, even for the oldest age class (Table 11). The younger age classes have the steepest declines, with declines of over 40 percent for younger adults (40 and younger), teens, and children. When combined together, those 40 and under have a per-capita decline of 45 percent, about twice as large as the 22 percent decline for those over 40.

	Table 1	1	
Per-capita change	e in summer trail use by	age class for users fro	m Minnesota
(compares <u>seven</u> trails over party sizes of 10 or l	time; use figures are based on cou less, due to the statistical impact of	nting and survey portion of tra f a few very large groups on ag	il studies; restricted to ge distribution)
Note: Minnesotans accou	int for 80 to 83 percent of tot	al use on these seven trai	ls
	First period 1997-98	Second period 2007-13	Percent change from first to
Age class	(hours per capita*)	(hours per capita*)	second period
Children (under 13)	75	44	-41%
Teens (13 to 18)	65	29	-56%
Adults (19 to 40)	83	47	-44%
	125	100	-26%
Adults (41 to 65)	135	100	207
Adults (41 to 65) Adults (over 65)	135 51	<u>48</u>	<u>-5%</u>
Adults (41 to 65) Adults (over 65) Total	135 <u>51</u> 91	$\frac{48}{63}$	-59 -319
Adults (41 to 65) Adults (over 65) Total Subtotal for 40 and under	r 78	100 <u>48</u> 63 <i>43</i>	- <u>5%</u> -31% -45%

* Table values are: hours of trail use from Minnesotans per 1000 Minnesotans in 1998 and 2010

As discussed in the introduction to this report, one of the two major challenges facing future participation in nature-based recreation is the decline in involvement of young adults (under age 45) and children. Referred to as the "generational challenge", the preceding age-class discussion shows how the use of state bicycle trails fit into this challenge. Additionally fitting into this challenge — and also discussed in the introduction — are visitors to Minnesota state parks, as well as participants in activities like fishing, boating, hunting, snowmobiling, and nature observation.

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- Minnesota Department of Natural Resources. 2010. Status of Summer Trail Use (2007-09) on Five Paved State Bicycle Trails and Trends Since the 1990s. Prepared by Tim Kelly, Operations Services Division. (http://files.dnr.state.mn.us/aboutdnr/reports/trails/5trailstudies10.pdf)
- 3. Information on nature-based recreation trends by age class, and participation by race and ethnicity come from:
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 - Minnesota wildlife watching, <u>and</u> U.S. fishing, hunting and wildlife watching is from: U.S. Fish and Wildlife Service and U.S. Census Bureau. National Survey of Fishing, Hunting and Wildlife-Associated Recreation. Survey years 1991, 1996, 2001, 2006, and 2011.
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- 4. Minnesota Department of Natural Resources. 2013. Results of 2012 Minnesota State Park Visitor Survey. Prepared by Tim Kelly, Operations Services Division. (http://files.dnr.state.mn.us/aboutdnr/reports/parks/2012_park_ visitor_report.pdf)
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- 7. National Sporting Goods Association (NSGA). The NSGA website (www.nsga. org) provided activity trend data for the U.S., based on its annual household survey. The information was free for downloading, and was assembled from the website over the last 10 to 15 years. Free information of this sort no longer appears to be available from the website, but the information is available for sale through the website.

APPENDIX A

Detailed tables and graphs referred to in body of report

Table A-1, page 22: Change, by trail, in profile of summer trail use by trail activity

- Figure A-1, page 23: Trail-related activity trends in the U.S., 1995 to 2011
- Table A-2, page 24: Change, by trail, in profile of summer trail use by day of week
- Table A-3, page 25: Change, by trail, in profile of summer trail use by miles traveled from home
- Table A-4, page 26: Change, by trail, in profile of summer trail use by age class for all users

Change, by trail, in profile of summer trail use by trail activity (compares <u>eight</u> trails over time; use figures are based on counting portion of trail studies)

Trail	First period 1996-98	Second period 2007-13	from first to second period	Trail	First period 1996-98	Second period 2007-13	from first second peric
All eight trails combined							
Trail activity							
Biking	75%	67%	-8%				
Skating	7%	3%	-4%				
Walking	14%	21%	8%				
Running	2%	6%	4%				
Other (including horse)	1%	2%	1%				
Total percent	100%	100%	0%				
Walking/running subtotal	16%	28%	12%				
rr unning subiolai	1070	2070	1270				
Paul Bunyan, 1996 to 2007				Heartland, 1998 to 2007-08			
Trail activity				Trail activity			
Biking	77%	64%	_8%	Biking	70%	68%	. 11
Skating	15%	7%	-8%	Skating	6%	4%	-11 _2
Walking	1.5 /0	74%	12%	Walking	14%	21%	-2
Running	20/-	247/0 5%	30/	Running	14/0	21/0	2
Other (including horse)	2 /0 0%	570 10/2	370 1%	Other (including horse)	1 /0	5 /0 50/_	2
Total percent	100%	100%	0%	Total percent	100%	100%	40
Walking/running subtotal	13%	28%	16%	Walking/running subtotal	15%	24%	8
Doot Divor & Harmony Prost	on Valley, 199	7 to 2008-09		Douglas, 1997 to 2009			
Coot River & Harmony-Frest							
Trail activity				Trail activity			
Trail activity Biking	91%	89%	-2%	Trail activity Biking	60%	55%	-6
Trail activity Biking Skating	91% 3%	89% 1%	-2% -2%	Trail activity Biking Skating	60% 6%	55% 4%	-6 -2
Trail activity Biking Skating Walking	91% 3% 6%	89% 1% 10%	-2% -2% 4%	Trail activity Biking Skating Walking	60% 6% 26%	55% 4% 28%	-6 -2 2
Trail activity Biking Skating Walking Running	91% 3% 6% 0%	89% 1% 10% 1%	-2% -2% 4% 1%	Trail activity Biking Skating Walking Running	60% 6% 26% 6%	55% 4% 28% 13%	-6 -2 2 7
Trail activity Biking Skating Walking Running Other (including horse)	91% 3% 6% 0% <u>1%</u>	89% 1% 10% 1% <u>0%</u>	-2% -2% 4% 1% 0%	Trail activity Biking Skating Walking Running Other (including horse)	60% 6% 26% 6% 2%	55% 4% 28% 13% <u>0%</u>	-6 -2 2 7 -2
Trail activity Biking Skating Walking Running Other (including horse) Total percent	91% 3% 6% 0% <u>1%</u> 100%	89% 1% 10% 1% <u>0%</u> 100%	-2% -2% 4% 1% <u>0%</u> 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent	60% 6% 26% 6% 2% 100%	55% 4% 28% 13% <u>0%</u> 100%	-6 -2 2 7 -2 0
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	91% 3% 6% 0% <u>1%</u> 100% 6%	89% 1% 10% 1% <u>0%</u> 100%	-2% -2% 4% 1% <u>0%</u> 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	60% 6% 26% 6% <u>2%</u> 100% <i>32%</i>	55% 4% 28% 13% <u>0%</u> 100%	-6 -2 2 7 7 -2 0
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm	91% 3% 6% 0% 1 <u>%</u> 100% 6%	89% 1% 10% 1% <u>0%</u> 100% <i>11%</i> dji, 1998 to 2009	-2% -2% 4% 1% <u>0%</u> 0% 4%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	60% 6% 26% 6% 2 <u>%</u> 100% 32%	55% 4% 28% 13% 0% 100% 41%	-6 -2 2 7 7 -2 0 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity	91% 3% 6% 0% 1% 100% 6%	89% 1% 10% 1% <u>0%</u> 100% <i>11%</i> dji, 1998 to 2009	-2% -2% 4% 1% <u>0%</u> 0% 4%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	60% 6% 6% <u>2%</u> 100% <i>32%</i>	55% 4% 28% 13% <u>0%</u> 100% 41%	-6 -2 2 7 7 -2 0 0 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking	91% 3% 6% 0% 1 <u>%</u> 100% 6%	89% 1% 10% 1% 0 <u>%</u> 100% <i>11%</i> dji, 1998 to 2009 56%	-2% -2% 4% 1% 0% 0% 4%	Trail activity Biking Skating Walking Running Other (including horse) Total percent <i>Walking/running subtotal</i> Luce Line, 1998 to 2011 Trail activity Biking	60% 6% 26% 6% 2 <u>2%</u> 100% <i>32%</i>	55% 4% 28% 13% 0% 100% 41%	-6 -2 7 7 -2 0 9 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating	91% 3% 6% 0% 1 <u>%</u> 100% 6% ** ** ** ** ** ** ** **	89% 1% 10% 1% 0% 100% <i>11%</i> dji, 1998 to 2009 56% 9%	-2% -2% 4% 1% <u>0%</u> 0% 4%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating	60% 6% 26% 6% 2 <u>%</u> 100% 32%	55% 4% 28% 13% <u>0%</u> 100% <i>41%</i> 46%	-6 -2 2 7 7 -2 0 9 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segn Trail activity Biking Skating Walking	91% 3% 6% 0% 1 <u>%</u> 100% 6% event near Bemi 47% 24% 22%	89% 1% 10% 1% <u>0%</u> 100% <i>11%</i> dji, 1998 to 2009 56% 9% 23%	-2% -2% 4% 1% <u>0%</u> 0% 4% -1% 1%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking	60% 6% 6% 2 <u>%</u> 100% <i>32%</i> 59% 	55% 4% 28% 13% <u>0%</u> 100% <i>41%</i> 46% 	-6 -2 2 7 7 -2 0 0 9 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running	91% 3% 6% 0% 1 <u>%</u> 100% 6% ent near Bemi 47% 24% 22% 5%	89% 1% 10% 1% 0% 100% <i>11%</i> dji, 1998 to 2009 56% 9% 23%	-2% -2% 4% 1% 0% 0% 4% -1% 1% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent <i>Walking/running subtotal</i> Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running	60% 6% 26% 6% 2 <u>26</u> 100% <i>32%</i> 59% 	55% 4% 28% 13% 0% 100% 41% 41%	-6 -2 2 7 -0 0 9 9 -12 -12 -12 -5 6
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse)	91% 3% 6% 0% 1½ 100% 6% event near Bemi 47% 24% 22% 5% 5%	89% 1% 10% 1% <u>0%</u> 100% <i>11%</i> dji, 1998 to 2009 56% 9% 23% 4%	-2% -2% 4% 1% <u>0%</u> 0% 4% -1% 1% 1% 0% 6%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse)	60% 6% 26% 6% 2 <u>%</u> 100% 32% 59% 28% 9% 4 <u>%</u>	55% 4% 28% 13% 0% 100% <i>41%</i> 46% 34% 15% 5%	-6 -2 2 7 -2 0 9 9 -12 -12 -12 -12 -12 -12 -12 -12 -12 -12
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent	91% 3% 6% 0% 1 <u>%</u> 100% 6% event near Bemi 47% 24% 22% 5% 5% 22% 100%	89% 1% 10% 1% <u>0%</u> 100% <i>11%</i> dji, 1998 to 2009 56% 9% 23% 4% <u>8%</u> 100%	-2% -2% 4% 1% <u>0%</u> 0% 4% -1% 1% 1% 0% 6% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent	60% 6% 26% 6% 2 <u>%</u> 100% 32% 59% 	55% 4% 28% 13% <u>0%</u> 100% <i>41%</i> 46% <u></u> 34% 15% <u>5%</u> 5% 100%	-6 -2 2 7 7 -2 0 0 9 9 -12 -12
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segn Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	91% 3% 6% 0% 1 <u>%</u> 100% 6% event near Bemi 47% 24% 22% 5% 2% 5% 2% 100% 27%	89% 1% 10% 1% <u>0%</u> 100% <i>11%</i> dji, 1998 to 2009 56% 9% 23% 4% 4% 100% <i>28%</i>	-2% -2% 4% 1% 0% 0% 4% -1% 1% 0% 6% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	60% 6% 6% 2 <u>%</u> 100% 32% 59% 28% 9% 4% 100% 37%	55% 4% 28% 13% 0% 100% 41% 41% 44% 15% 5% 100% 49%	6 2 2 7 0 0 9 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012	91% 3% 6% 0% 1 <u>%</u> 100% 6% event near Bemi 47% 24% 22% 5% 5% 100% 27%	89% 1% 10% 1% <u>0%</u> 11% dji, 1998 to 2009 56% 9% 23% 4% <u>8%</u> 100% 28%	-2% -2% 4% 1% 0% 0% 4% -15% 1% 0% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal	60% 6% 26% 6% 2½ 100% 32% 59% 28% 9% 9% 9% 100% 37%	55% 4% 28% 13% 0% 100% 41% 46% 34% 15% 5% 5% 100% 49%	-66 -2 2 7 7 -2 0 0 9 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012 Trail activity	91% 3% 6% 0% 1 <u>%</u> 100% 6% enent near Bemi 47% 24% 22% 5% 22% 5% 22%	89% 1% 10% 1% 0% 11% dji, 1998 to 2009 56% 9% 23% 4% 8% 100% 28%	-2% -2% 4% 1% 0% 0% 4% -15% 1% 0% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity	60% 6% 26% 6% 2% 100% 32% 59% 	55% 4% 28% 13% 0% 100% 41% 46% 34% 15% 5% 5% 100% 49%	-66 -2 2 7 7 -2 0 0 9 9 -12 -5 6 6 1 1 0 0 12
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012 Trail activity Biking	91% 3% 6% 0% 1 <u>%</u> 100% 6% event near Bemi 47% 24% 22% 5% 22% 5% 22% 5% 22% 5% 22% 5% 22%	89% 1% 10% 1% 026 100% 11% dji, 1998 to 2009 56% 9% 23% 4% 8% 100% 28%	-2% -2% 4% 1% 0% 0% 4% -1% 1% 0% 6% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Walking Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity Biking	60% 6% 2% 6% 2% 32% 32% 59% 	55% 4% 28% 13% 0% 100% 41% 41% 44% 15% 5% 100% 49%	-66 -22 77 -20 0 99 -12
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012 Trail activity Biking Skating Skating Skating	91% 3% 6% 0% 1 <u>%</u> 100% 6% ent near Bemi 47% 24% 22% 5% 22% 100% 27%	89% 1% 10% 1% 0% 100% 11% dji, 1998 to 2009 56% 9% 23% 4% 8% 100% 28%	-2% -2% 4% 1% 0% 0% 4% -15% 1% 0% <u>6%</u> 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking/Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity Biking Skating	60% 6% 2% 6% 2 <u>%</u> 100% 32% 59% 	55% 4% 28% 13% 0 <u>%</u> 100% 41% 46% 34% 15% 5% 100% 49%	-6 -2 2 7 -0 0 9 9 -12 -12 -5 6 1 1 0 0 12 -7 -4
Trail activity Biking Skating Walking Conter (including horse) Total percent Walking/running subtotal Caul Bunyan State Trail segme Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012 Trail activity Biking Skating Walking Skating Skating Walking Skating Ska	91% 3% 6% 0% 1½ 100% 6% enent near Bemi 47% 24% 22% 22% 5% 22% 22% 22% 22% 5% 100% 27%	89% 1% 10% 1% 0% 11% dji, 1998 to 2009 56% 9% 23% 4% 8% 100% 28% 71% 5% 20%	-2% -2% 4% 1% 0% 0% 4% -15% 1% 0% 0% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity Biking Skating Walking Walking	60% 6% 26% 6% 2% 100% 32% 59% 	55% 4% 28% 13% 0% 100% 41% 46% 34% 15% 5% 5% 100% 49% 69% 2% 21%	-6 -2 2 7 0 0 9 9 9 -12 -5 6 6 1 1 0 12 -7 -7 -4 8
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Clacial Lakes, 1998 to 2012 Trail activity Biking Skating Valking Running Skating Valking Running Skating Valking Running Skating Valking Running Valking Running Valking Running Valking Running Valking Valking Valking Valking Valking Valking Running Valking Valk	91% 3% 6% 0% 1 <u>%</u> 100% 6% 47% 24% 22% 5% 22% 5% 2% 2% 5% 100% 27%	89% 1% 10% 1% 025 100% <i>11%</i> dji, 1998 to 2009 56% 9% 23% 4% <u>8%</u> 100% 28% 71% 5% 28%	-2% -2% 4% 1% 0% 0% 4% -1% 1% 0% 6% 0% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity Biking Skating Skating Walking Running	60% 6% 2% 6% 22% 32% 32% 59% 	55% 4% 28% 13% 0% 100% 41% 41% 41% 44% 15% 5% 5% 100% 49% 69% 2% 21% 6%	
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012 Trail activity Biking Skating Walking Running Other (including horse)	91% 3% 6% 0% 1 <u>%</u> 100% 6% ent near Bemi 47% 24% 22% 5% 22% 100% 27% 61% 15% 17% 5% 2%	89% 1% 10% 1% 00% 119% dji, 1998 to 2009 56% 9% 23% 4% 8% 100% 28% 71% 5% 20% 4% 0%	-2% -2% 4% 1% 0% 0% 4% -15% 1% 0% 6% 0% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity Biking Skating Walking, Walking Skating Skating Other (including horse) Other (including horse)	60% 6% 2% 6% 2 <u>%</u> 100% 32% 59% 	55% 4% 28% 13% 0 <u>%</u> 100% 41% 41% 	-6 -2 2 7 -2 0 0 9 9
Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Paul Bunyan State Trail segm Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Glacial Lakes, 1998 to 2012 Trail activity Biking Skating Walking Running Other (including horse) Total percent Trail activity Biking Skating Walking Running Other (including horse) Trail activity Biking Skating Walking Running Other (including horse) Total percent	91% 3% 6% 0% 1½ 100% 6% erent near Bemi 47% 24% 22% 5% 22% 100% 27% 61% 15% 17% 5% 27%	89% 1% 10% 1% 00% 119% dji, 1998 to 2009 56% 9% 23% 4% 8% 100% 28% 71% 5% 20% 4% 0% 100%	-2% -2% 4% 1% 0% 4% 4% -15% 1% 0% 6% 0% 0% 0% 0%	Trail activity Biking Skating Walking Running Other (including horse) Total percent Walking/running subtotal Luce Line, 1998 to 2011 Trail activity Biking Running Other (including horse) Total percent Walking/running subtotal Sakatah Singing Hills, 1998 to Trail activity Biking Skating Walking, Nathing Skating Skating Differ (including horse) Trail activity Biking Skati	60% 6% 2% 6% 2 <u>%</u> 100% 32% 5 <u>9%</u> 	55% 4% 28% 13% 0 <u>%</u> 100% 41% 41% 46% 34% 15% 5% 100% 49% 69% 2% 21% 6% 2% 21% 6% 2% 100%	-(-2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2



Change, by trail, in profile of summer trail use by day of week (compares <u>eight</u> trails over time; use figures are based on counting portion of trail studies)

Trail	First period 1996-98	Second period 2007-13	from first to second period	Trail	First period 1996-98	Second period 2007-13	from first to second period
All eight trails combined							
Day of week							
Weekend/Holidays	52%	46%	-6%				
Weekdays	48%	54%	6%				
Total percent	100%	100%	0%				
Paul Bunyan, 1996 to 2007				Heartland, 1998 to 2007-08			
Day of week				Day of week			
Weekend/Holidays	49%	42%	-7%	Weekend/Holidays	50%	38%	-12%
Weekdays	51%	58%	7%	Weekdays	50%	62%	12%
Total percent	100%	100%	0%	Total percent	100%	100%	0%
Root River & Harmony-Pres	ton Valley, 199	7 to 2008-09		Douglas, 1997 to 2009			
Root River & Harmony-Prest Dav of week	ton Valley, 199	7 to 2008-09		Douglas, 1997 to 2009 Day of week			
Root River & Harmony-Prest Day of week Weekend/Holidays	ton Valley, 199 62%	7 to 2008-09	-9%	Douglas, 1997 to 2009 Day of week Weekend/Holidays	46%	43%	-2%
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays	ton Valley, 199 62% <u>38%</u>	7 to 2008-09 53% <u>47%</u>	-9% 9%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays	46% <u>54%</u>	43% 57%	-2% <u>2%</u>
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays Total percent	ton Valley, 199 62% <u>38%</u> 100%	7 to 2008-09 53% <u>47%</u> 100%	-9% <u>9%</u> 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent	46% <u>54%</u> 100%	43% <u>57%</u> 100%	-2% <u>2%</u> 0%
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn	ton Valley, 199 62% <u>38%</u> 100% nent near Bem	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009	-9% <u>9%</u> 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent	46% <u>54%</u> 100%	43% <u>57%</u> 100%	-2% <u>2%</u> 0%
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week	ton Valley, 199 62% <u>38%</u> 100% nent near Bem	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009	-9% <u>9%</u> 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week	46% <u>54%</u> 100%	43% <u>57%</u> 100%	-2% <u>2%</u> 0%
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays	ton Valley, 199 62% <u>38%</u> 100% nent near Bemi 44%	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009 57%	-9% <u>9%</u> 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays	46% <u>54%</u> 100%	43% <u>57%</u> 100%	-2% <u>2%</u> 0%
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays Weekdays	ton Valley, 199 62% <u>38%</u> 100% nent near Bem 44% 56%	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2005 57% <u>43%</u>	-9% <u>9%</u> 0% 12% -12%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays Weekdays	46% <u>54%</u> 100% 53% <u>47%</u>	43% <u>57%</u> 100% 49% <u>51%</u>	-2% 2% 0% -4%
Root River & Harmony-Prest Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays Weekdays Total percent	ton Valley, 199 62% <u>38%</u> 100% nent near Bemi 44% <u>56%</u> 100%	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009 57% <u>43%</u> 100%	-9% <u>9%</u> 0% 12% <u>-12%</u> 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays Weekdays Total percent	46% <u>54%</u> 100% 53% <u>47%</u> 100%	43% <u>57%</u> 100% 49% <u>51%</u> 100%	-2% <u>2%</u> 0% -4% <u>4%</u> 0%
Root River & Harmony-Press Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays Weekdays Total percent Glacial Lakes, 1998 to 2012	ton Valley, 199 62% <u>38%</u> 100% nent near Bem 44% <u>56%</u> 100%	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009 57% <u>43%</u> 100%	-9% 9% 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays Weekdays Total percent Sakatah Singing Hills, 1998 t	46% <u>\$4%</u> 100% <u>\$3%</u> <u>47%</u> 100%	43% <u>57%</u> 100% 49% <u>51%</u> 100%	-2% <u>2%</u> 0% -4% <u>4%</u>
Root River & Harmony-Press Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays Weekdays Total percent Glacial Lakes, 1998 to 2012 Day of week	ton Valley, 199 62% <u>38%</u> 100% nent near Bemi 44% <u>56%</u> 100%	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009 57% <u>43%</u> 100%	-9% 9% 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays Weekdays Total percent Sakatah Singing Hills, 1998 to Day of week	46% <u>\$4%</u> 100% 53% <u>47%</u> 100%	43% <u>57%</u> 100% 49% <u>51%</u> 100%	-2% 2% 0% -4% 4%
Root River & Harmony-Press Day of week Weekend/Holidays Weekdays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays Weekdays Total percent Glacial Lakes, 1998 to 2012 Day of week Weekend/Holidays	ton Valley, 199 62% <u>38%</u> 100% nent near Bem 44% <u>56%</u> 100%	7 to 2008-09 53% <u>47%</u> 100% idji, 1998 to 2009 57% <u>43%</u> 100%	-9% <u>9%</u> 0% -12% -12% 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays Weekdays Total percent Sakatah Singing Hills, 1998 t Day of week Weekend/Holidays	46% <u>\$4%</u> 100% 53% <u>47%</u> 100% to 2013 51%	43% <u>57%</u> 100% 49% <u>51%</u> 100%	-2% <u>2%</u> 0% -4% <u>4%</u> 0%
Root River & Harmony-Press Day of week Weekend/Holidays Total percent Paul Bunyan State Trail segn Day of week Weekend/Holidays Weekdays Total percent Glacial Lakes, 1998 to 2012 Day of week Weekend/Holidays Weekend/Holidays	ton Valley, 199 62% <u>38%</u> 100% nent near Bem 44% <u>56%</u> 100%	7 to 2008-09 53% <u>47% 100% </u> idji, 1998 to 2005 57% <u>43% 100% </u> 42% <u>58%</u>	-9% <u>9%</u> 0% -12% -12% 0%	Douglas, 1997 to 2009 Day of week Weekend/Holidays Weekdays Total percent Luce Line, 1998 to 2011 Day of week Weekend/Holidays Weekdays Total percent Sakatah Singing Hills, 1998 to Day of week Weekend/Holidays Weekdays	46% <u>\$4%</u> 100% 53% <u>47%</u> 100% to 2013 51% <u>49%</u>	43% <u>57%</u> 100% 49% <u>51%</u> 100% 47% <u>53%</u>	-2% <u>2%</u> 0% -4% <u>4%</u> 0%

Change, by trail, in profile of summer trail use by miles traveled from home

(compares seven trails over time; use figures are based on counting and survey portion of trail studies)

Trail	First period 1997-98	Second period 2007-13	from first to second period	Trail	First period <u>1997-98</u>	Second period 2007-13	from first to second period
All seven trails combined				Heartland, 1998 to 2007-08			
Miles from home				Miles from home			
10 miles or less	3/10/	40%	15%	10 miles or less	25%	20%	10/
10 1 to 50 miles	220/	16%	6%	10 l to 50 miles	10%	2970	470
50.1 to 100 miles	159/	20/	-0/0	50.1 to 100 miles	200/	970	1.29/
over 100 miles	30%	27%	-7/0	over 100 miles	2070	5/0	-12/0
Total percent	100%	100%	0%	Total percent	100%	100%	0%
Median miles from home	40	12	-28	Median miles from home	95	125	30
Root River & Harmony-Pres	ton Valley, 199	7 to 2008-09		Douglas, 1997 to 2009			
Miles from home				Miles from home			
10 miles or less	6%	9%	3%	10 miles or less	80%	83%	4%
10.1 to 50 miles	23%	21%	-2%	10.1 to 50 miles	13%	10%	-3%
50.1 to 100 miles	21%	12%	-9%	50.1 to 100 miles	4%	4%	0%
over 100 miles	50%	58%	8%	over 100 miles	4%	3%	-1%
	100%	100%	0%	Total percent	100%	100%	0%
I otal percent							
Total percent Median miles from home	105	120	15	Median miles from home	5	3	-2
I otal percent Median miles from home Paul Bunyan State Trail segr	105 nent near Bemi	120 idji, 1998 to 2009	15)	Median miles from home Luce Line, 1998 to 2011	5	3	-2
I otal percent Median miles from home Paul Bunyan State Trail segr Miles from home	105 nent near Bemi	120 idji, 1998 to 2009)	Median miles from home Luce Line, 1998 to 2011 Miles from home	5	3	-2
Paul Bunyan State Trail segr Miles from home	105 nent near Bemi	120 idji, 1998 to 2009	15	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less	5	3	-2
Paul Bunyan State Trail segr Miles from home 10 miles or less 10 1 to 50 miles	105 nent near Bemi 56%	120 idji, 1998 to 2009 71% 8%	15) -7%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10 l to 50 miles	5 72% 26%	3 80% 18%	-2
Ital percent Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50 11 to 100 miles	105 nent near Bemi 56% 15% 2%	120 idji, 1998 to 2009 71% 8%	15) -7% -2%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles	5 72% 26% 0%	80% 18%	-2
Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles	105 nent near Bemi 56% 15% 2%	120 idji, 1998 to 2009 71% 8% 4%	15) -7% 2% -10%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles	5 72% 26% 0% 2%	80% 18% 2%	-2 8% -8% 2%
Iteration Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent	105 nent near Bemi 15% 2% 2% 28% 100%	120 idji, 1998 to 2009 71% 8% 4% <u>18%</u> 100%	15 -7% 2% - <u>10%</u> 0%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent	5 72% 26% 0% <u>2%</u> 100%	80% 18% 2% <u>1%</u> 100%	-2 8% -8% -2% -1% 0%
Ital percent Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home	105 nent near Bemi 56% 15% 2% 2% 28% 100%	120 idji, 1998 to 2009 71% 8% 4% <u>18%</u> 100% 5	15 -7% -2% -10% 0% -3	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home	5 72% 26% 0% 2 <u>%</u> 100%	3 80% 18% 2% <u>1%</u> 100%	-2 8% -8% 2% -1% 0%
Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012	105 nent near Bemi 56% 15% 2% 28% 100% 8	120 idji, 1998 to 2009 71% 8% 4% 18% 100% 5	15 -7% -7% -2% -10% 0% -3	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Sakatah Singing Hills, 1998 to	5 72% 26% 0% 2% 100% 4	3 80% 18% 2% 1% 100%	-2 8% -8% 2% -1% 0%
Item initial percent Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012 Miles from home	105 nent near Bemi 15% 2% 28% 100% 8	120 idji, 1998 to 2009 71% 8% 4% 18% 100% 5	15 -7% 2% -10% 0% -3	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Sakatah Singing Hills, 1998 to Miles from home	5 72% 26% 0% 2% 100% 4 0 2%	80% 18% 2% 19% 100%	-2 8% -8% 2% -1% 0%
Ital percent Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012 Miles from home 10 miles or less	105 nent near Bemi 56% 15% 2% 2% 2% 100% 8	120 idji, 1998 to 2009 71% 8% 4% <u>18%</u> 100% 5 71%	15 -7% -7% -2% -10% 0% -3	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Sakatah Singing Hills, 1998 to Miles from home 10 miles or less	5 72% 26% 0% 2% 100% 4 0 2013	3 80% 18% 2% <u>1%</u> 100% 4	-2 8% -8% 2% -1% 0% 0 0 20%
Itel percent Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012 Miles from home 10 miles or less 10.1 to 50 miles	105 nent near Bemi 56% 15% 2% 2% 2% 100% 8 48% 29%	120 idji, 1998 to 2009 71% 8% 4% 18% 100% 5 71% 12%	15 -7% 2% -10% 0% -3 23% -16%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Sakatah Singing Hills, 1998 to Miles from home 10 miles or less 10.1 to 50 miles	5 72% 26% 0% 22% 100% 4 0 2013	3 80% 18% 2% 19% 100% 4 60% 21%	-2 8% -8% -2% -1% 0% 0 0 20% -16%
Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles Over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles	105 nent near Bemi 56% 15% 2% 2% 100% 8 48% 29% 15%	120 idji, 1998 to 2009 71% 8% 4% 18% 100% 5 5 71% 12% 9%	15 -7% 2% -10% 0% -3 23% -16% -6%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Sakatah Singing Hills, 1998 to Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles	5 72% 26% 0% 2 <u>%</u> 100% 4 0 2013	3 80% 18% 2% 19% 100% 4 60% 21% 13%	-2 8% -8% 2% -1% 0% 0% 0% -1% -16% -1%
Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles over 100 miles	105 nent near Bemi 56% 15% 28% 28% 100% 8 48% 29% 15% 9% 9%	120 idji, 1998 to 2009 71% 8% 4% 18% 100% 5 71% 12% 9% 8%	15 -15% -7% 2% -10% 0% -3 -3 -3	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles	5 72% 26% 0% 2% 100% 4 0 2013	3 80% 18% 2% <u>1%</u> 100% 4 60% 21% 13% 6%	-2 8% -8% 2% -1% 0% (0% -1% -1% -1% -1% -3%
Ital percent Median miles from home Paul Bunyan State Trail segr Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Glacial Lakes, 1998 to 2012 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles vor 100 miles Total percent	105 nent near Bemi 56% 15% 2% 2% 2% 100% 8 48% 29% 100%	120 idji, 1998 to 2009 71% 8% 4% <u>18%</u> 100% 5 71% 12% 9% <u>8%</u> 100%	15 -15% -7% 2% -10% 0% -3 23% -16% -6% 0% 0%	Median miles from home Luce Line, 1998 to 2011 Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent Median miles from home Sakatah Singing Hills, 1998 to Miles from home 10 miles or less 10.1 to 50 miles 50.1 to 100 miles over 100 miles Total percent	5 72% 26% 0% 2% 100% 4 a b c c c c c c c c	3 80% 18% 2% 100% 4 4 60% 21% 13% <u>62%</u> 100%	-2 -2 -2 -2 -2% -1% -1% -1% -16% -1% -1% -3% 0%

Change, by trail, in profile of summer trail use by age class for all users

(compares seven trails over time; use figures are based on counting and survey portion of trail studies; restricted to party sizes of 10 or less, due to the statistical impact of a few very large groups on age distribution)

	<u>1997-98</u>	2007-13	from first to second period	Trail	First period 1997-98	Second period 2007-13	from first to second period
All seven trails combined				Heartland, 1998 to 2007-08			
Age class				Are class			
Children (under 13)	15%	11%	-4%	Children (under 13)	18%	10%	-8%
Teens (13 to 18)	7%	4%	-3%	Teens (13 to 18)	10%	4%	-6%
Adults (19 to 40)	29%	22%	-7%	Adults (19 to 40)	24%	20%	-4%
Adults (41 to 65)	42%	54%	11%	Adults (41 to 65)	39%	55%	16%
Adults (over 65)	6%	10%	3%	Adults (over 65)	8%	11%	2%
Total percent	100%	100%	0%	Total percent	100%	100%	0%
Subtotal for 40 and under	51%	37%	-15%	Subtotal for 40 and under	53%	34%	-19%
Subtotal for over 40	49%	63%	15%	Subtotal for over 40	47%	66%	19%
Median age (in years)	40.3	47.7	7.4	Median age (in years)	39.7	46.5	6.8
Root River & Harmony-Prestor	n Valley, 199	7 to 2008-09		Douglas, 1997 to 2009			
Age class				Age class			
Children (under 13)	12%	9%	-3%	Children (under 13)	18%	13%	-5%
Teens (13 to 18)	4%	3%	-1%	Teens (13 to 18)	7%	5%	-3%
Adults (19 to 40)	31%	21%	-9%	Adults (19 to 40)	34%	31%	-3%
Adults (41 to 65)	48%	59%	11%	Adults (41 to 65)	37%	44%	7%
Adults (over 65)	6%	8%	3%	Adults (over 65)	4%	8%	4%
Total percent	100%	100%	0%	Total percent	100%	100%	0%
	170/	220/	1.07		500/	100/	110/
Subtotal for 40 and under	47% 53%	53% 67%	-14% 14%	Subtotal for over 40	59% 41%	48% 52%	-11%
Subiolal for over 40							
Median age (in years)	42.7	50.8	8.1	Median age (in years)	38.1	42.7	4.6
Median age (in years) Paul Bunyan State Trail segmen	42.7 nt near Bemi	50.8 idji, 1998 to 2009	8.1	Median age (in years)	38.1	42.7	4.6
Median age (in years) Paul Bunyan State Trail segmen	42.7 nt near Bemi	50.8 idji, 1998 to 2009	8.1	Median age (in years)	38.1	42.7	4.6
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13)	42.7 nt near Bemi	50.8	8.1	Median age (in years)	38.1	42.7	4.6
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18)	42.7 nt near Bemi 18% 10%	50.8 idji, 1998 to 2009 16% 10%	8.1	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18)	38.1	42.7	4.6
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40)	42.7 nt near Bemi 18% 10% 37%	50.8 idji, 1998 to 2009 16% 10% 33%	8.1	Median age (in years)	38.1 12% 5% 33%	42.7	4.6 2% -2%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65)	42.7 nt near Bemi 18% 10% 37%	50.8 idji, 1998 to 2009 16% 10% 33% 33%	8.1 -2% 0% -4% 2%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65)	38.1 12% 5% 33% 42%	42.7 14% 3% 16% 60%	4.6 2% -2% -17% 18%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 65) Adults (over 65)	42.7 nt near Bemi 18% 10% 37% 33% 33%	50.8 idji, 1998 to 2009 16% 10% 33% 35% 6%	8.1 -2% 0% -4% 2% 3%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (ore 65)	38.1 12% 5% 33% 42% 7%	42.7 14% 3% 16% 60% 7%	4.6 2% -2% -17% 18% 0%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (41 to 65) Total percent	42.7 nt near Bemi 18% 10% 37% 33% 32% 100%	50.8 idji, 1998 to 2009 16% 10% 33% 35% 6% 100%	8.1 -2% 0% -4% 2% 3% 0%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent	38.1 12% 5% 33% 42% 7 <u>%</u> 100%	42.7 14% 3% 16% 60% 7% 100%	4.6 2% -2% -17% 18% <u>0%</u>
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (10 to 65) Total percent Systetical for (10 and under	42.7 nt near Bemi 18% 10% 37% 33% 33% 100%	50.8 idji, 1998 to 2009 16% 10% 33% 35% 6% 100%	8.1 -2% 0% -4% 2% 3% 0%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under	38.1 12% 5% 33% 42% 7 <u>%</u> 100%	42.7 14% 3% 16% 60% 7% 100%	4.6 2% -2% -17% 18% 0%
Median age (in years) Paul Bunyan State Trail segment Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40	42.7 nt near Bemi 18% 10% 37% 33% 33% 34% 100% 64% 36%	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40%	8.1 -2% 0% -4% 2% 2% 2% 2% 2% 5%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (10 to 5) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40	38.1 12% 5% 33% 42% 7% 100% 51% 49%	42.7 14% 3% 60% <u>7%</u> 100% 33% 67%	4.6 2% -2% -17% 18% <u>0%</u> 0% -17% 17%
Median age (in years) Paul Bunyan State Trail segment Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for 40 and under Subtotal for over 40 Median age (in years)	42.7 nt near Bemi 18% 10% 37% 33% 33% 100% 64% 36% 34.6	50.8 idji, 1998 to 2009 16% 10% 33% 6% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 2% 3% 0% -5% 5% -1.7	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 65) Adults (10 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years)	38.1 12% 5% 33% 42% 7% 100% 51% 49%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3	4.6 2% -2% -17% 18% <u>0%</u> 0% -17% 8.7
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Glacial Lakes, 1998 to 2012	42.7 nt near Bemi 18% 10% 37% 33% 33% 100% 64% 36% 34.6	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 2% 2% 2% 5% 5% -1.7	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7	42.7 14% 3% 16% 60% <u>7%</u> 100% 33% 67% 49.3	4.6 2% -2% -17% 17% 0% -17% 17% 8.7
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Glacial Lakes, 1998 to 2012	42.7 nt near Bemi 18% 10% 37% 33% 33% 100% 64% 36% 34.6	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 2% 3% 0% -5% 5% -1.7	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7 2013	42.7 14% 3% 16% 60% <u>7%</u> 100% <u>33%</u> 67% 49.3	4.6 2% -2% -17% 17% 18% 0% -17% 17% 8.7
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (19 to 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Glacial Lakes, 1998 to 2012 Age class	42.7 nt near Bemi 18% 10% 37% 33% 33% 100% 64% 36% 34.6	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 3% 0% -5% 5% -1.7	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class	38.1 12% 5% 33% 42% 100% <i>51%</i> <i>49%</i> 40.7 2013	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3	4.6 2% -2% -17% 18% 0% -17% 17% 8.7
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (41 to 65) Adults (ver 65) Total percent Subtotal for 40 and under Subtotal for 40 and under Median age (in years) Glacial Lakes, 1998 to 2012 Age class Children (under 13)	42.7 nt near Bemi 18% 10% 37% 33% 33% 100% 64% 36% 34.6	50.8 idji, 1998 to 2009 16% 10% 33% 35% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 3% 0% -5% 5% -1.7 -1.8%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class Children (under 13)	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7 2013 14%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3	4.6 2% -2% -17% 18% 0% -17% 17% 8.7 -2%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (14 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Glacial Lakes, 1998 to 2012 Age class Children (under 13) Teens (13 to 18)	42.7 nt near Bemi 18% 10% 37% 33% 100% 64% 36% 34.6 28% 8%	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 3% 0% -5% 5% -5% 5% -1.7	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for ver 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class Children (under 13) Teens (13 to 18)	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7 2013 14% 8%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3 13% 2%	4.6 2% -2% -17% 17% 17% 8.7 -2% -5%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (10 to 40) Adults (10 to 40) Adults (10 to 40) Median age (in years) Glacial Lakes, 1998 to 2012 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40)	42.7 nt near Bemi 18% 10% 37% 33% 100% 64% 36% 34.6 28% 8% 29%	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40% 32.9	8.1 -2% 0% -4% 2% 3% 0% -5% 5% -1.7 -1.8% -4% -2% -2%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (40 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class Children (under 13) Teens (13 to 18) Adults (19 to 40)	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7 2013 14% 8% 27%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3 13% 2% 17%	4.6 2% -2% -1% 18% 0% -17% 17% 8.7 -2% -5% -5% -10%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for 00er 40 Median age (in years) Glacial Lakes, 1998 to 2012 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (19 to 40) Adults (19 to 40) Adults (14 to 65)	42.7 nt near Bemi 18% 10% 37% 33% <u>32%</u> 100% 64% 36% 34.6 28% 8% 26% 37%	50.8 idji, 1998 to 2009 16% 10% 33% 35% 6% 100% 60% 40% 32.9 10% 4% 52%	8.1 -2% 0% -4% 2% 3% 0% -5% 5% -1.7 -1.8% -4% -4% -2% 15%6	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (ver 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class Children (under 13) Teens (13 to 18) Adults (41 to 65)	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7 2013 14% 8% 27% 44%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3 13% 2% 17% 51%	4.6 2% -2% -17% 18% 0% -17% 17% 8.7 -2% -5% -10% -5% -10% 7%
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (14 to 65) Adults (at to 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Glacial Lakes, 1998 to 2012 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (19 to 40) Adults (19 to 40) Adults (14 to 65) Adults	42.7 nt near Bemi 18% 10% 37% 33% 34.6 28% 8% 28% 8% 28% 37% 22%	50.8 idji, 1998 to 2009 16% 10% 33% 60% 40% 32.9 10% 4% 52% 11% 10%	8.1 -2% 0% -4% 2% 3% 0% -5% 5% -1.7 -18% -4% -2% 0% -1.7	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (10 to 5) Adults (over 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (14 to 65) Adults (19 to 40) Adults (14 to 65) Adults (over 65)	38.1 12% 5% 33% 42% 7% 100% 51% 49% 40.7 2013 14% 8% 27% 44% 8%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3 13% 2% 17% 51% 17% 51%	4.6 2% -2% -17% 17% 0% -17% 17% 8.7 -2% -5% -10% -10% -2% -5% -10% -10% -2% -2% -10% -10% -2% -2% -10% -10% -2% -2% -2% -2% -2% -2% -2% -2
Median age (in years) Paul Bunyan State Trail segmen Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (19 to 40) Adults (10 to 65) Adults (over 65) Total percent Subtotal for over 40 Median age (in years) Glacial Lakes, 1998 to 2012 Age class Children (under 13) Teens (13 to 18) Adults (41 to 65) Adults (19 to 65) Adults (19 to 65) Total percent	42.7 nt near Bemi 18% 10% 37% 33% 100% 64% 36% 34.6 28% 8% 26% 37% 2% 100%	50.8 idji, 1998 to 2009 16% 10% 33% 6% 100% 60% 40% 32.9 10% 40% 32.9	8.1 -2% 0% -2% 2% 3% 0% -5% 5% -1.7 -18% -4% -2% 15% <u>9%</u> 0%	Median age (in years) Luce Line, 1998 to 2011 Age class Children (under 13) Teens (13 to 18) Adults (19 to 40) Adults (41 to 65) Adults (voer 65) Total percent Subtotal for 40 and under Subtotal for over 40 Median age (in years) Sakatah Singing Hills, 1998 to Age class Children (under 13) Teens (13 to 18) Adults (41 to 65) Adults (41 percent	38.1 12% 5% 33% 42% 7% 49% 49% 40.7 2013 14% 8% 27% 44% 27% 44% 8% 27% 44% 100%	42.7 14% 3% 16% 60% 7% 100% 33% 67% 49.3 13% 2% 17% 51% 17% 10%	4.6 2% -2% -17% 18% 0% -17% 17% 8.7 -2% -5% -5% -10% 7% <u>9%</u> 0%
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