Oregon Resident Outdoor Recreation Demand Analysis

2013-2017 Oregon Statewide Comprehensive Outdoor Recreation Plan Supporting Documentation

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Executive Summary

Introduction

Background

In preparation for the 2013-2017 Oregon Statewide Comprehensive Outdoor Recreation Plan (SCORP), the Oregon Parks and Recreation Department (OPRD) contracted with Oregon State University (OSU) to conduct a statewide survey of Oregon residents regarding their 2011 outdoor recreation participation in Oregon, as well as their opinions about parks and recreation management. This report provides the results of the statewide survey.

The sample design was developed to derive information at the county level. Results of the survey are provided at the statewide scale, SCORP regional scale, and county scale. Survey results may be used by federal, state and local parks and recreation managers / agencies to understand current recreation and future demands for recreation opportunities and programs.

Data Presentation

For ease of reading, numbers are rounded in this report. In most cases, one decimal place is used to provide greater precision. Rounding may lead to some percentages not totaling 100.

All averages in this report are means rather than medians, so the term "mean" is used instead of "average." For many variables there is a small number of "missing values." For example, some people did not answer the income question. Percentages shown in this report are "valid percentages" unless otherwise noted. Valid percentages adjust for missing values and total 100.

When deemed appropriate, summary figures are presented along with the complete data tables. For example, figures that show the top response categories based on user occasions are provided. In other cases, bar graphs or X-Y scatter plots are used to summarize extensive data tables.

Most data are presented at three scales—statewide, SCORP regions, and counties. Because low-population counties have small sample sizes (i.e., as few as 30 observations), they were replaced by larger scale units. For example, SCORP Region 9 results are combined with SCORP Region 8 results—it is the combined Region 8 and 9 results that are reported for Region 9 (see Figure 2.1). Furthermore, the respective SCORP regional results containing the following counties are reported instead of county-specific results—Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa, and Wheeler counties (see Figure 2.1).

Survey Methodology

The survey was conducted using a random sample of Oregon households. In order to generate sufficient responses for each county, the sample was stratified by county. Separate random samples were drawn from each county.

There were two versions of the survey:

- **Participants** – those who engaged in outdoor recreation in Oregon in 2011.

- **Non-participants** – everyone else.

Surveying Oregonians consisted of 50,150 mail outs, with 46,348 of the surveys deliverable (92%). Of those delivered, 8,860 completed surveys were obtained, for an overall response rate of 19%. This response rate is typical of statewide, general population surveys that are long and do not include token financial incentives.

With respect to format, 47% of the surveys were completed online and 53% in paper format. Most (88%) of the surveys were by participants, with the remainder (12%) by non-participants.

Maximizing Data Accuracy

The goal of surveys such as this one is to use a sample (limited number of respondents) to obtain information on the population (everyone of interest, in this case all Oregonians). Because only a portion of the population is sent a survey, and not all recipients complete the survey, this type of data collection is susceptible to various sources of error, including coverage, sampling, measurement, and non-response error.

Readers should keep in mind that some error is inevitable. Nonetheless, significant attention has been given in this survey administration and analysis to the minimization of error and correction of factors that may lead to bias. The result is a dataset that provides a more accurate picture of the statewide (and sub-state) population than is typical of other SCORP surveys.

This is illustrated by sampling error. It varies not only across sample size, but also across response distributions, and thus across questions. Using participation in Walking on local trails / paths as an example, an estimated 61% of Oregonians participate in this activity. Due to the large sample size, the statewide standard error is 0.5%, and the resulting 95% confidence interval is 60% to 62%. Sampling error increases as sample size decreases, but the standard error for this measure for the "average" county remains only 3.0%.

The resources devoted to this Oregon analysis allowed a sample size that is sufficiently large for measurement at the county level, which is unusual for SCORP surveys. It also provides more confidence in results at the statewide and regional levels than is typical for SCORP surveys.

Weighting Data and Sample Demographics

Sample data were weighted to represent age and county population proportions. County weighting corrects the "oversampling" in rural areas (implemented to achieve sufficient observations for county-level results in those areas) and "undersampling" in urban areas. Younger populations were under-represented in the data due to lower response rates; weighting by age-related proportions corrects this imbalance. Sex proportions were similar for the sample and the population. The sample was not weighted by education, race or income given the decreased tractability of multi-dimensional weights, and the loss of information due to item non-response for those variables. As such, the sample over-represents higher education and income levels. Minorities are underrepresented in the sample, with the exception of American Indian / Alaska Native persons and Native Hawaiian / Other Pacific Islander persons.

Outdoor Recreation Activities

Based on previous SCORP outdoor recreation activity lists and input from the SCORP steering committee comprised of parks and recreation managers across Oregon, seventy (70) recreation activities were identified as important recreation activity types. These activities were grouped into eight (8) categories, including Non-motorized Trail Activities, Motorized Activities, Non-motorized Snow Activities, Outdoor Leisure / Sporting Activities, Nature Study Activities, Vehicle-based Camping Activities, Fishing / Hunting / Shooting Activities, and Non-motorized Water-based and Beach Activities.

User Occasions and Participation in Outdoor Recreation

User occasions (number of times people engage in an activity) and percent of the population that participates in an activity are estimated at the state, SCORP region, and county scales. The top activities based on total user occasions for Oregonians in 2011 include:

1. Walking on local streets / sidewalks – 386 million user occasions.
2. Walking on local trails / paths – 121 million user occasions.
3. Dog walking / going to dog parks / off-leash areas – 107 million user occasions.
4. Bicycling on roads, streets / sidewalks – 88 million user occasions.
5. Relaxing, hanging out, escaping heat / noise, etc. – 75 million user occasions.

Within each of the eight activity categories, the top activity for Oregonians in 2011 based on user occasions include:

1. Non-motorized Trail Activities – Walking on local streets / sidewalks – 386 million user occasions.
2. Outdoor Leisure / Sporting Activities – Dog walking / going to dog parks / off-leash areas – 107 million user occasions.
3. Nature Study Activities – Bird watching – 27 million user occasions.
4. Non-motorized Water-based and Beach Activities – Beach activities-ocean – 17 million user occasions.
5. Fishing, Hunting, Shooting Activities – Fishing from a bank or shore (other than fly fishing) – 10 million user occasions.
6. Motorized Activities – Class I all-terrain vehicle riding – 9 million user occasions.
7. Vehicle-based Camping Activities – Car camping with a tent – 8 million user occasions.
8. Non-motorized Snow Activities – Downhill (alpine) skiing / snowboarding – 6 million user occasions.

Overall, 92% of Oregonians participated in at least one outdoor recreation activity in Oregon during 2011. The activities in which the largest proportions of Oregonians participated in 2011 include:

1. Walking on local streets / sidewalks – 68%.
2. Walking on local trails / paths – 61%.
3. Sightseeing / driving or motorcycling for pleasure – 58%.
4. Relaxing, hanging out, escaping heat / noise, etc. – 53%.
5. Beach activities-ocean – 53%.

Within each of the eight activity categories, the largest proportions of Oregonians participating include:

1. Non-motorized Trail Activities – Walking on local streets / sidewalks – 68%.
2. Outdoor Leisure / Sporting Activities – Sightseeing / driving or motorcycling for pleasure – 58%.
3. Non-motorized Water-based and Beach Activities – Beach activities-ocean – 53%.
4. Vehicle-based Camping Activities – Car camping with a tent – 35%.
5. Nature Study Activities – Exploring tidepools – 30%.
6. Non-motorized Snow Activities – Sledding, tubing, or general snow play – 25%.
7. Fishing, Hunting, Shooting Activities – Fishing from a bank or shore (other than fly fishing) – 17%.
8. Motorized Activities – Class II off-road 4-wheel driving – 10%.

At the regional level, walking on local streets, dog walking, walking on local trails, and bicycling consistently show up in the top activities listed for each region. However, there are regional differences as well, including ocean beach activities for Regions 1 and 4, horseback riding for Region 11, and motorized trail activities for Regions 4, 9, 10, and 11.

The magnitude of user occasions per region is in part a function of the local resource endowments (e.g., ocean beach activities for oceanfront regions; non-motorized snow activities for regions containing ski areas and greater snowfall) and the population size. Densely populated regions have larger user occasions due to the fact of more people. Thus, also reported is the proportion of the region's population that participates in each activity.

At the regional level, walking, sightseeing, relaxing, and picnicking have higher proportions of regional populations participating in them than other activity types, although the exact proportion within an activity across regions can vary widely. For example, walking on local streets / sidewalks ranges from 76% in Region 10 to 57% in Region 11, and picnicking from 73% in Region 10 to 48% in Regions 1 and 2.

At the county-level, urban and more populated counties dominate for close-to-home activities such as non-motorized trail activities and outdoor leisure / sporting activities due to larger population sizes. However, availability of resources shows a significant draw for user occasions for some activity categories, including non-motorized snow activities, vehicle-based camping activities, and non-motorized water-based and beach activities.

At the county-level, a different picture emerges based on the proclivity of county resident's participation in outdoor activities. Whereas user occasions are reported for the county in which they occurred and heavily influenced by population size, proportions are not. Thus, ranking in the top ten for proportions is based on county residents' preferences and proclivities for certain activities, as well as being a function of what the local landscape offers for different close-to-home opportunities, although participation is based on anywhere in the state.

Camping Likelihood and Priority Needs

This set of questions asked people to rate various camping types using 5-point Likert scales according to the likelihood of using a type of camping when or if the individual went camping at an Oregon State Park campground (1 = Not at all likely to 5 = Very likely), and to rate their perceived need for more of each type of camping near the individual's community (1 = Lowest priority need to 5 = Highest priority need).

For Oregonians, drive-in tent sites had the highest likelihood of use, while hiker-biker sites had the lowest likelihood of use. Similarly, drive-in tent sites had the highest priority need, while hiker-biker sites had the lowest priority need. The majority of Oregonians are not at all likely to use RV sites or hiker-biker sites. Drive-in tent sites had the largest proportion of very likely responses from among the various types. The majority of Oregonians state the need for more RV sites to be of the least priority need, followed by hiker-biker sites. Drive-in tent sites had the largest proportion of the population stating that there is a highest priority need for this type of camping. For Oregonians, drive-in tent sites have the highest likelihood and priority need, followed by cabins or yurts, hike-in tent sites, RV sites, and hiker-biker sites.

The general patterns of likelihood of use and priority need from statewide reporting are maintained when the data is disaggregated to SCORP regions. Residents of Regions 1, 2, 3, 5, and 7 state RV sites to be of the lowest priority, while residents of Regions 4, 6, 7, 8, 9, 10, and 11 state hiker-biker sites to be the lowest priority.

Region 6 has the highest likelihood of use and priority need for RV sites, while Region 2 is the least on both. Regions 2 and 5 have the highest scores for cabins or yurts, while Regions 10 and 11 have the lowest scores. All regions show high likelihood of use and need for drive-in tent sites, with Region 2 being the highest among the regions. Hike-in tent sites and hiker-biker sites are relatively low scored.

Results for likelihood of use and priority need for camping types are further disaggregated to the county-level:

- RV sites – Gilliam County and Umatilla County have the highest likelihood of use and priority need, whereas Multnomah County and Benton County have the lowest.
- Cabins or yurts with heat and lights – Douglas County and Jackson express the highest likelihood of use and priority need, whereas Crook County and Harney County have the lowest.
- Cabins or yurts with heat, lights, bathroom and kitchen – Douglas County expresses the highest likelihood of use and priority need, whereas Sherman County the lowest.
- Drive-in tent sites – Benton County and Multnomah County have the highest likelihood of use and priority need, whereas Wallowa County has the lowest.
- Hike-in tent sites – Benton County and Multnomah County have the highest likelihood of use and priority need, whereas Gilliam County has the lowest.
- Hiker-biker sites – while all counties rated it low on both accounts, Benton County and Hood River County rated them the highest in likelihood of use and priority need.

Priorities for the Future

Oregonians were asked their opinions about priorities for the future. Respondents were asked to rate several items for investment by park and forest agencies using a 5-point Likert scale (1 = Lowest priority need to 5 = Highest priority need). The following priority lists are based on number of individuals served, not on the frequency of their participation in each activity.

The top priority needs for Oregonians are:

- Soft surface walking trails.
- Access to waterways.
- Nature and wildlife viewing areas.
- Playgrounds with natural materials (Natural Play Areas).
- Picnic areas for small groups.
- Off-street bicycle trails.

Low priority needs for Oregonians are:

- Tennis courts.
- Basketball courts.
- Baseball / softball fields.

Consistent with the statewide results, the rank-order of items based on mean scores show uniform support for investments in trails and access to public waterways as highest priorities, while investments in tennis and basketball courts being the lowest priorities at the SCORP regional and county scales.

Participation in Educational and Recreational Programs

In order to gauge residents' uses of educational and recreational programs, respondents were asked to select program types that they or a household member had participated in and which were sponsored by local, state, or federal recreation providers. The program types include organized outdoor recreation program, historical program, other guided or ranger-led program, other types of programs, or no participation in educational or recreational programs. Response categories are not mutually exclusive except for no participation in programs versus participation in at least one program.

Fewer than 15% of Oregonians participate in each program type, with other recreation programs having the highest participation at 14.4% and organized outdoor recreation (e.g., hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.) the lowest participation at 9%. About 70% of Oregonians state they do not participate in these types of educational and recreational programs.

Results based on SCORP regions vary substantially across regions. A low of 62% of Region 1 residents do not participate in these types of programs, to a high of over 79% of Region 11 residents. Regions 1, 6, 8, 9, 10, and 11 have a greater proportion of residents that participate in

historical programs, while the remaining Regions (i.e., Regions 2, 3, 4, 5, and 7) have a greater proportion of residents participating in other types of recreation programs.

Similar to regional variation in participation rates in educational and recreational programs, county-level results vary greatly across counties. Malheur County and Harney County have the highest proportion of residents that do not participate in educational and recreational programs at over 79%, whereas Clatsop County has the lowest proportion of residents not participating in some type of program at 52%.

Participation in organized outdoor recreation programs is highest for Deschutes County (17%) and lowest in Wheeler County (0%). Participation in historical programs is highest in Clatsop County (33%) and lowest in Lane County (6%). Participation in other guided or ranger-led programs is highest in Clatsop County (20%) and Josephine County (20%), and lowest in Harney County (6%). Participation in other types of recreation programs is highest in Josephine County (31%) and lowest in Wheeler County (2%).

Value and Delivery for Benefits of Parks and Recreation Services

Oregonians that participated in outdoor recreation activities were also asked their opinions relating to the benefits provided by park and recreation agencies. First, respondents were asked to rate each benefit type based on how valued it is using a 5-point Likert scale (1 = Least valued to 5 = Most valued). Next, they were asked to rate how well park and recreation agencies are currently delivering each benefit type using a similar scale (1 = Currently does not deliver at all to 5 = Currently delivers extremely well). Results are reported in tabular form and as XY scatter plots that directly compare valued vs. delivered mean responses.

For Oregonians, benefits rated the highest on value and delivery include:

- Improve physical health.
- Community desirability.
- Preserve open space.

Benefits rated the lowest on value and delivery by Oregonians include:

- Help attract new residents / businesses.
- Promoting tourism.

Results to opinions about value for and delivery of benefits by park and recreation agencies at the SCORP regional scale were similar to the statewide results. Ranging from a mean score of 4.2 to 4.4 on the 5-point scale, improving physical health, community desirability, and preserve open space rated the highest valued across regions. Lowest valued benefits across regions include increase property values, provide for social interaction, help attract new residents / businesses, and promote tourism. Thus, in general, individual, community and environmental health have the greatest value, whereas economic benefits rate lowest.

Regional residents state improve physical health, preserve open space, and preserve historical features are delivered above average, with some variability across regions. Regional residents also believe that park and recreation agencies are not delivering well on helping reduce crime, increasing property values, or helping attract new residents / businesses.

In general, all benefit types rated relatively high on value for each region, with the exception of promoting tourism for Regions 2 and 3. Results across regions show park and recreation agencies are perceived as having some variability in delivery of each benefit type. For example, Region 7 rates delivery of improve physical health relatively high, while Region 11 rates it relatively low. The general pattern of these two regions holds across the majority of benefit types.

County mean scores for value for and delivery of benefits by park and recreation agencies vary across counties and benefit types. For the most part, counties cluster on one dimension or the other (i.e., value and delivery); for example, increase property values and preserve historical features. County mean scores vary on both dimensions for helping attract new residents / businesses and promote tourism.

Mean scores vary across counties on the delivery dimension for improve physical health, community desirability, improve mental health, provide opportunities for social interaction, and enhance sense of place / community. Mean scores vary across counties on the value dimension for help reduce crime and preserve open space.

How Park and Forest Managers Can Help Participation

Oregonians that participated in outdoor recreation activities were also asked to write-in the single most important thing that park and forest managers can do to help with participation in outdoor recreation. The top ten items listed include:

- Provide clean facilities/ restrooms.
- Reduce user fees/ keep affordable.
- Provide more/ better access.
- Provide safe/secure park environments.
- Stop forest road closures/ open closed roads.
- Trail maintenance.
- Facility maintenance.
- Access to better/ more recreation information.
- Accessible facilities for disabled.
- Stop closing forest roads to all-terrain vehicle use.

Non-Participant Oregonian's Opinions

People that stated they did not participate in some outdoor recreation activity in 2011 were asked additional questions. These questions delved into 1) their past recreation history, 2) their limitations to participating in recreation activities, and 3) a list of activities they would like to participate in.

Results are reported at two scales—statewide and SCORP region. County-level results are not reported here given an overall small sample size for non-participants in our sample.

Participation History for Current Non-Participants

Overall, 8% of Oregonians reported not participating in any outdoor recreation activities in Oregon during 2011. The majority of non-participants reported that they have participated in outdoor recreation activities in the past, but not in 2011:

- 72% of respondents participated in outdoor recreation activities prior to 2011.
- 14% never participated in outdoor recreation activities.
- 8% participated in outdoor recreation activities in 2011, but not in Oregon.

SCORP regional results are similar to statewide results.

Non-participants were also asked to write-in the top reason why they did not participate in outdoor recreation activities in Oregon in 2011. In descending order of frequency, reasons include:

1. Being disabled.
2. Too old.
3. Too expensive.
4. Poor health.
5. Lack of time.

Limitations to Participating in Outdoor Recreation

Non-participants in outdoor recreation in Oregon rated various reasons for not participating in outdoor recreation using a 5-point Likert scale (1 = Not important to 5 = Extremely important). Statewide, non-participants state, on average in descending order, that the following are the primary reasons for not participating in outdoor recreation in 2011:

1. Lack of time.
2. Poor health.
3. Concerns about safety / crime in parks.
4. Too expensive.
5. Too crowded.

The least important reasons, in ascending order of mean score, include:

1. Lack of transportation.
2. Not permitted activity.
3. Activities not offered.
4. Over-development of parks / facilities.

Results at the SCORP regional scale are similar to statewide results. For example, the most important reason is lack of time for Regions 1, 2, 6 and 11, while poor health is most important for Regions 1, 3, 4, 5, 7, 8, 9 and 10.

Activities Would Like To Do

Respondents to the non-participant survey also were asked what activities they would like to participate in, with the largest percentages including:

1. Walking on streets / trails.
2. Beach activities.
3. Outdoor photography.
4. Nature observation.
5. Fishing activities.

Least selected activities by non-participants include:

1. Court and field games.
2. Big game hunting.
3. Waterfowl hunting.
4. Sailing.

Respondents were also asked to write in the single most important thing that park and forest managers can do to help them participate in outdoor recreation. The most frequently cited items include:

1. Increasing access and safety.
2. Improving cleanliness.
3. Lowering costs.
4. Increasing ADA access.
5. Improving maintenance.
6. Increasing advertising.

The remainder of this report provides full details on the results of the statewide participant and non-participant surveys.

1. Introduction

1.1 Background

In preparation for the 2013-2017 Oregon Statewide Comprehensive Outdoor Recreation Plan (SCORP), the Oregon Parks and Recreation Department (OPRD) contracted with Oregon State University (OSU) to conduct a statewide survey of Oregon residents regarding their 2011 outdoor recreation participation in Oregon, as well as their opinions about parks and recreation management. This report provides the results of the statewide survey.

The sample design was developed to derive information at the county level. Results of the survey are provided at the statewide scale, SCORP region scale, and county scale. Survey results may be used by federal, state and local parks and recreation managers / agencies and private-sector recreation providers to understand current recreation and future demands for recreation opportunities and programs.

1.2 Data Presentation

For ease of reading, numbers are rounded in this report. In most cases, one decimal place is used to provide greater precision. Rounding may lead to some percentages not totaling 100.

All averages in this report are means rather than medians, so the term "mean" is used instead of "average." For many variables there is a small number of "missing values." For example, some people did not answer the income question. Percentages shown in this report are "valid percentages" unless otherwise noted. Valid percentages adjust for missing values and total 100.

When deemed appropriate, summary figures are presented along with the complete data tables. For example, figures that show the top response categories based on user occasions are provided. In other cases, bar graphs or X-Y scatter plots are used to summarize extensive data tables.

Most data are presented at three scales—statewide, SCORP regions, and counties. Because low-population counties have small sample sizes (i.e., as few as 30 observations), they were replaced by larger scale units. For example, SCORP Region 9 results are combined with SCORP Region 8 results—it is the combined Region 8 and 9 results that are reported for Region 9 (see Figure 2.1). Furthermore, the respective SCORP regional results containing the following counties are reported instead of county-specific results—Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa, and Wheeler counties (see Figure 2.1).

1.3 Survey Methodology

The survey was conducted using a random sample of Oregon households, with names and addresses based on DMV records of persons living in Oregon and 18 years of age or older. Households are the unit of analysis, unless otherwise noted (some results reflect individuals, based on extrapolation from household data).

DMV records are for individuals. To avoid surveying more than one person in each household, the list of records was randomly ordered, and duplicates from a given household were removed by matching zip codes and first lines of the mailing address.

In order to generate sufficient responses for each county, the sample was stratified by county. Separate random samples were drawn from each county.

Each recipient (person in the sample of names) was sent the following correspondence:

- A "pre-letter" from OPRD explaining the reason for the survey and encouraging participation;
- An invitation letter from OSU, with URL for the online survey and a postage-paid postcard for those preferring to complete the survey in traditional paper format (paper surveys were sent to those returning the postcard);
- A reminder letter from OSU, sent to recipients who had not completed the online survey or returned their postcard within approximately one week; and
- A reminder letter from OSU, with URL for the online survey, as well as a copy of the paper survey and postage-paid reply envelope, sent to recipients who had not completed the survey within approximately three weeks.

There were two versions of the survey:

- **Participants** – those who engaged in outdoor recreation in Oregon in 2011; and
- **Non-participants** – everyone else.

The above mailing process was first conducted on a pre-test sample of 600 recipients. The survey was modified based on responses, and a second process was conducted on a full sample, with counts and response rates shown in Table 1.1. The 19% response rate is typical of statewide, general population surveys that are long and do not include token financial incentives.

Table 1.1. Combined Mailout and Response Rates

	Number	% of Mailed	% of Delivered
Mailed	50,150		
Delivered	46,348	92%	
Completed	8,860	18%	19%

With respect to format, 47% of the surveys were completed online and 53% in paper format (Table 1.2). Most (88%) of the surveys were by participants, with the remainder (12%) by non-participants.

Table 1.2. Respondents by Version and Format

	Online	Paper	Total by Version
Participant	3,816	4,004	7,820
Non-participant	341	699	1,040
Total by format	4,157	4,703	8,860

Table 1.3 shows number of respondents by county. Note that fewer surveys were mailed to residents of low population counties (Grant, Harney, Lake, and Wallowa) and very low population counties (Gilliam, Sherman, and Wheeler).

Table 1.3. Respondents by County

County	Frequency	Percent	County	Frequency	Percent
Baker	274	3.1	Lane	301	3.4
Benton	365	4.1	Lincoln	329	3.7
Clackamas	272	3.1	Linn	304	3.4
Clatsop	297	3.4	Malheur	221	2.5
Columbia	241	2.7	Marion	247	2.8
Coos	282	3.2	Morrow	240	2.7
Crook	309	3.5	Multnomah	262	3.0
Curry	253	2.9	Polk	317	3.6
Deschutes	276	3.1	Sherman	38	0.4
Douglas	281	3.2	Tillamook	301	3.4
Gilliam	32	0.4	Umatilla	233	2.6
Grant	139	1.6	Union	337	3.8
Harney	129	1.5	Wallowa	151	1.7
Hood River	272	3.1	Wasco	265	3.0
Jackson	253	2.9	Washington	246	2.8
Jefferson	284	3.2	Wheeler	33	0.4
Josephine	273	3.1	Yamhill	290	3.3
Klamath	282	3.2	Not available	112	1.3
Lake	119	1.3			
			Total	**8,860**	**100**

Due to variable sampling intensity and response rates, the number of completed surveys by county is not directly proportional to each county's population. Therefore, weighting was used as discussed below. For example, respondents from Lane County had a higher weight than those from Linn County, as the number of respondents from each was similar, while the population of the former is much larger than the population of the latter.

Likewise, results also were weighted by age, as younger age groups are underrepresented in the sample of completed surveys relative to their proportion in the Oregon population.

1.4 Maximizing Data Accuracy

The goal of surveys such as this one is to use a sample (limited number of respondents) to obtain information on the population (everyone of interest, in this case all Oregonians). Because only a portion of the population is sent a survey, and not all recipients complete the survey, this type of data collection is susceptible to various sources of error. Survey administrators often focus on sampling error, increase sample size to reduce it, and report its magnitude. However, sampling error varies across analyses, based on sample size and the variability of responses for each

question. Moreover, sampling error is only one source of error, and it is potentially the least important.

The survey administration addressed the four main sources of error.

- **Coverage error** was addressed through the use of the DMV sampling frame. It excludes Oregonians without driver's licenses, but it generates better coverage than alternative approaches for creating samples;
- **Sampling error** was addressed through a sample size large enough to minimize sampling error, especially for region- and state-wide analyses;
- **Measurement error** was addressed through an extensive survey development, review, and pre-test process; and
- **Non-response error** was addressed by 1) maximizing response rates via multiple mailings and 2) identifying and correcting for potential non-response error.

Non-response error arises when those who complete the survey (respondents) differ from those who do not (non-respondents) on a variable of interest. This potential error jeopardizes conclusions about the population based on responses in the sample. It is assessed by comparing respondents with demographic characteristics derived from U.S. Census data and is corrected using non-response weighting. Sample data were adjusted for non-response by age and county using Portland State University Population Research Center estimates for 2011, which are based on U.S. Census data. It is not possible to eliminate potential non-response error, but weighting reduces it.

Some error is inevitable. For example, assume the number of Lane County residents who snowmobile in Klamath County is equal to the number of Lane County residents who snowmobile in Deschutes County. By chance, it may be that more of those who snowmobile in Deschutes County were randomly drawn in the sample. Moreover, it may be that those who snowmobile in Deschutes County are more likely to complete the survey and thus be included in the results. If this pattern occurs, then snowmobile user occasions in Klamath County will be underestimated and those in Deschutes County overestimated.

These types of patterns are more likely to arise at the county level (because of smaller sample size) and for activities with lower participation rates. **Readers should keep in mind the potential for error.** Nonetheless, significant attention has been given in this survey administration and analysis to the minimization of error and correction of factors that may lead to bias. The result is a dataset that provides a more accurate picture of the statewide (and sub-state) population than is typical of other SCORP surveys.

Sampling error is the only source of error that is easily measured, and typically the only one reported. It varies not only across sample size, but also across response distributions, and thus across questions. As a result, any single measure is only indicative of sampling error for the full set of questions.

Illustrative standard errors for this project are shown in Table 1.4. Walking on local trails / paths and Car camping with a tent are the two activities evaluated here. Standard errors are provided for two measures: percent participating in the activity and average number of times for participants.

Standard errors are provided for statewide, regional, and county results. Region 6 has the median number of observations (808), and that sample size is used here. Hood River has the median number of observations for counties (272). For ease of comparison, the same statewide percent and average number is used across geographic units (e.g., assume residents in Region 6 and Hood River have the same participation patterns as statewide residents).

Table 1.4. Standard Errors by Activity, Measure, and Geographic Unit

	Walking on local trails		**Car camping with tent**	
	61% partic.	50.9 ave. times	35% partic.	5.7 ave. times
Statewide (n=8,860)	0.5%	0.8	0.5%	0.11
Region (n=808)	1.7%	2.7	1.7%	0.36
County (n=272)	3.0%	4.7	2.9%	0.62

Table 1.4 illustrates how sampling error increases as sample size decreases. Confidence intervals at the 95% level can be calculated as the average plus or minus 1.96 times the standard error. Thus, the 95% confidence interval for statewide participation in walking on local trails is 60% to 62%.

By comparison, the 2009 California recreation survey had a sample size of 2,780 (Survey on Public Opinions and Attitudes on Outdoor Recreation in California). The 2009 Pennsylvania recreation survey had a sample size of 2,648 (Outdoor Recreation in Pennsylvania: Resident Survey). Those sample sizes allow reporting of results at the regional, but not county, level. The resources devoted to this Oregon analysis allowed a sample size that 1) is sufficiently large for measurement at the county level and 2) provides more confidence in results at the statewide and regional levels.

1.5 Weighting Data and Sample Demographics

Sample data were weighted to represent age and county population proportions. County weighting corrects the "oversampling" in rural areas (implemented to achieve sufficient observations for county-level results in those areas) and "undersampling" in urban areas. As shown in Table 1.5, younger populations were under-represented in the data due to lower response rates; weighting by age-related proportions corrects this imbalance. Sex proportions were similar for the sample and the population. The sample was not weighted by education, race or income given the decreased tractability of multi-dimensional weights, and the loss of information due to item non-response for those variables. As such, the sample over-represents higher education and income levels. Minorities are underrepresented in the sample with the exception of American Indian / Alaska Native persons and Native Hawaiian / Other Pacific Islander persons.

Table 1.5. Demographics by Oregon & SCORP Region, Frequencies (% of sample or population)

Item	Sample	Oregon*
Age		
18-29	7.0	20.9
30-39	10.1	17.3
40-49	14.1	17.1
50-59	24.2	18.2
60-69	26.2	14.0
70-79	13.5	7.4
80+	4.9	5.1
Sex		
Male	48.3	49.0
Female	51.7	51.0
Education		
With High school or more	97.2	88.6
With Bachelor degree or more	38.6	28.6
Race		
Latino	2.7	12.0
Black	0.3	2.0
American Indian / Alaska Native	2.4	1.8
Asian	1.1	3.9
Native Hawaiian / Other Pacific Islander	0.3	0.4
White	95.3	88.6
Other	2.9	3.4
Income		
<$25k	16.8	25.1
$25k-<$50k	28.3	26.5
$50k-<$75k	22.8	19.6
$75k-<$100k	15.0	12.2
$100k+	17.2	16.6

*Oregon 2011 population estimates obtained from Portland State University's Population Research Center for age and sex, and U.S. Census QuickFacts for education, race and income.

2. Oregonians' Outdoor Recreation Participation in Oregon

This section provides results from the outdoor recreation participation portion of the statewide survey (see Appendix B, Questions 2-9). Respondents were asked to identify the activities from each list that they participated in in 2011, how often they participated in the activity, how many household members typically participated on an average outing, and where (i.e., county or nearest city) they most frequently visited for the activity in question. From this information is derived the total user occasions for each activity, and the overall proportion of the population participating in each activity.

2.1 Outdoor Recreation Activities

Based on previous SCORP outdoor recreation activity lists and the SCORP steering committee comprised of parks and recreation managers across Oregon, seventy (70) recreation activities

were identified as important recreation activity types. These activities were grouped into eight (8) categories, including Non-motorized Trail Activities, Motorized Activities, Non-motorized Snow Activities, Outdoor Leisure / Sporting Activities, Nature Study Activities, Vehicle-based Camping Activities, Fishing / Hunting / Shooting Activities, and Non-motorized Water-based and Beach Activities. Table 2.1 lists the categories and individual activity types by their abbreviated description and full description. Where possible, the full descriptions are used for clarity of activity type; however, for some tables and figures, the abbreviated descriptions had to be used. Please refer to the full description for what the abbreviations encompass for each activity type.

Table 2.1. Outdoor Activity Classifications and Abbreviations Used

Abbreviation	Full Description
Non-motorized Trail Activities	
Walking on local streets	Walking on local streets / sidewalks
Walking on local trails	Walking on local trails / paths
Day hiking on non-local trails	Walking / day hiking on non-local trails / paths
Backpacking	Long-distance hiking (back packing)
Jogging on streets	Jogging / running on streets / sidewalks
Jogging on trails	Jogging / running on trails / paths
Horseback riding	Horseback riding
Bicycling on unpaved trails	Bicycling on unpaved trails
Bicycling on paved trails	Bicycling on paved trails
Bicycling on roads	Bicycling on roads, streets / sidewalks
Motorized Activities	
Class I – ATV	Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)
Class II – 4WD	Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)
Class III – Off-road motorcycling	Class III – Off-road motorcycling
Class IV – UTV	Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)
Snowmobiling	Snowmobiling
Personal water craft	Personal water craft – jet ski
Power boating	Power boating (cruising / water skiing)
Non-motorized Snow Activities	
Downhill skiing / snowboarding	Downhill (alpine) skiing / snowboarding
Cross-country skiing on groomed trails	Cross-country / Nordic skiing / skijoring on groomed trails
Cross-country skiing on ungroomed trails	Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails
Snowshoeing	Snowshoeing
Sledding, snow play	Sledding, tubing, or general snow play
Outdoor Leisure / Sporting Activities	
Sightseeing	Sightseeing / driving or motorcycling for pleasure
Picnicking	Picnicking
General play	General play at a neighborhood park / playground
Dog walking	Dog walking / going to dog parks / off-leash areas
Relaxing	Relaxing, hanging out, escaping heat / noise, etc.
Outdoor concerts / fairs	Attending outdoor concerts, fairs, festivals
Tennis	Tennis (played outdoors)
Outdoor court games	Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)
Baseball / softball	Baseball / softball
Football / soccer	Football, soccer, lacrosse, rugby, ultimate frisbee
Golf	Golf
Disc golf	Disc golf
Skateboarding / skating	Skateboarding, inline skating, roller skating, roller skiing
Rock climbing	Rock climbing, bouldering, mountaineering
Orienteering	Orienteering, geocaching

Abbreviation	Full Description
Hang gliding	Hang gliding, sky diving, paragliding
Visiting historic sites	Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)
Nature Study Activities	
Bird watching	Bird watching
Whale watching	Whale watching
Exploring tidepools	Exploring tidepools
Other nature observation	Other nature / wildlife / forest / wildflower observation
Visiting botanical gardens	Visiting botanical gardens
Visiting nature centers	Visiting nature centers
Outdoor photography	Outdoor photography, painting, drawing
Collecting	Collecting (rocks, plants, mushrooms, berries)
Vehicle-based Camping Activities	
RV camping	RV / motorhome / trailer camping
Car camping with a tent	Car camping with a tent
Motorcycle camping with a tent	Motorcycle camping with a tent
Yurts / camper cabins	Yurts / camper cabins
Fishing, Hunting, Shooting Activities	
Fly fishing	Fly fishing
Fishing from a boat	Fishing from a boat (other than fly fishing)
Fishing from a bank	Fishing from a bank or shore (other than fly fishing)
Crabbing	Crabbing
Shellfishing / clamming	Shellfishing / clamming
Big game hunting with a gun	Big game hunting with a gun
Big game hunting with a bow	Big game hunting with a bow
Waterfowl hunting	Waterfowl hunting
Bird / small game hunting	Upland bird or small game hunting
Target shooting	Target / skeet shooting / archery
Non-motorized Water-based and Beach Activities	
White-water canoe / kayaking	White-water canoeing, kayaking, rafting
Flat-water canoe / kayaking	Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating
Surfing / stand-up paddling	Surfing / ocean stand-up paddling
Windsurfing / kiteboarding	Windsurfing / kiteboarding
Sailing	Sailing
Beach – ocean	Beach activities – ocean
Beach – lakes	Beach activities – lakes, reservoirs, rivers
Swimming	Swimming / playing in outdoor pools / spray parks
Snorkeling / SCUBA diving	Snorkeling / SCUBA diving

2.2 Aggregation Level Reporting

Most data are presented at three scales—statewide, SCORP regions, and counties. Confidence in the representativeness of the sample results to the population declines as the geographic scale becomes smaller. This is due to some units (regions or counties) having low populations from which small samples were derived. In particular, some units had too small of sample sizes (i.e., fewer than 30 observations) and were replaced by larger scale units. For example, SCORP Region 9 results are combined with SCORP Region 8 results—it is the combined Region 8 and 9 results that are reported for Region 9. Furthermore, the respective SCORP Regional results containing the following counties are reported instead of county-specific results—Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa, and Wheeler counties. Where specific units' results are replaced by broader scale results, the unit is flagged and footnoted for each table. The SCORP planning regions and counties are displayed in Figure 2.1.

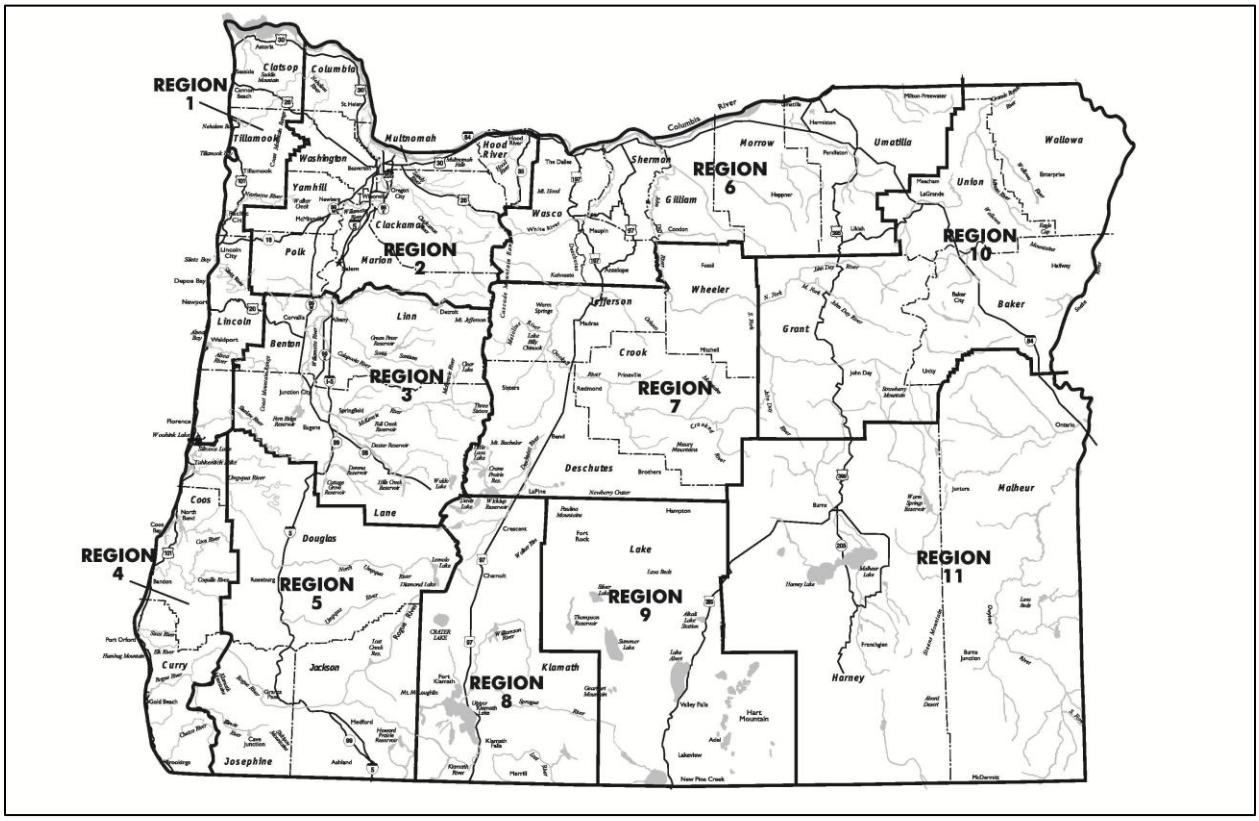

Figure 2.1. Oregon Counties and SCORP Planning Regions

2.3 Statewide Resident User Occasions and Participation

Overall, 92% of Oregonians reported participating in at least one outdoor recreation activity in Oregon during 2011. Figure 2.2 shows that "walking on local street / sidewalks" is the most frequently participated in activity for the largest proportion of the population, thus leading to the most user occasions. Specific numbers for each item are provided for Oregon residents in Table 2.2. For example, "walking on local street / sidewalks" is estimated to have over 386 million user occasions, 67.5% of the population participating in it, on average 152 times in 2011, and includes 2.1 household members per outing.

Other close-to-home activities dominate the total user occasions for Oregon residents since these types of activities can occur on nearly a daily basis with limited travel time. Most Oregonians also participate in these close-to-home or family oriented activities, and ocean beach activities. Along with close-to-home activities, Oregonians that participate in bird watching and horseback riding do it quite frequently, although the proportions are moderate to low (13.6% for bird watching and 5.4% for horseback riding).

User Occasions		% Population Participating		Frequency per Participant	
Activity	**Total (millions)**	**Activity**	**Percent**	**Activity**	**Times/Year**
Walking on local streets / sidewalks	386	Walking on local streets / sidewalks	68	Walking on local streets / sidewalks	152
Walking on local trails / paths	121	Walking on local trails / paths	61	Dog walking / going to dog parks / off-leash areas	102
Dog walking / going to dog parks / off-leash areas	107	Sightseeing / driving or motorcycling for pleasure	58	Jogging / running on streets / sidewalks	78
Bicycling on roads, streets / sidewalks	88	Relaxing, hanging out, escaping heat / noise, etc.	53	Bicycling on roads, streets / sidewalks	71
Relaxing, hanging out, escaping heat / noise, etc.	75	Beach activities – ocean	53	Bird watching	56
General play at a neighborhood park / playground	71	Attending outdoor concerts, fairs, festivals	52	Walking on local trails / paths	51
Jogging / running on streets / sidewalks	67	Picnicking	50	Jogging or running on trails or paths	46
Sightseeing / driving or motorcycling for pleasure	47	Walking / day hiking on non-local trails / paths	48	Bicycling on paved trails	41
Walking / day hiking on non-local trails / paths	40	General play at a neighborhood park / playground	48	Horseback riding	39
Bicycling on paved trails	39	Visiting historic sites / history-themed parks	43	Relaxing, hanging out, escaping heat / noise, etc.	36

Figure 2.2. Top Ten Activities for Oregon Residents, 2011

Table 2.2. User Occasions and Participation in Outdoor Recreation Activities, Oregon Residents, 2011

Activity	User Occasions	% Population Participating	Average # Times for Participants	Average # Household Members Participating
Non-motorized Trail Activities				
Walking on local streets / sidewalks	386,493,133	67.5	152.0	2.1
Walking on local trails / paths	121,365,856	61.0	50.9	2.2
Walking / day hiking on non-local trails / paths	40,246,062	48.0	20.9	2.3
Long-distance hiking (back packing)	4,447,768	12.0	9.4	1.9
Jogging / running on streets / sidewalks	67,160,686	18.7	78.5	1.5
Jogging / running on trails / paths	32,192,793	14.8	45.5	1.5
Horseback riding	9,715,218	5.4	39.3	1.8
Bicycling on unpaved trails	14,766,435	12.2	26.1	1.9
Bicycling on paved trails	39,021,140	24.9	40.6	2.1
Bicycling on roads, streets / sidewalks	87,809,182	31.6	71.4	1.8
Bicycle touring on paved roads / paths (long day / multi-day rides)*	----	10.5	----	----
Motorized Activities				
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)	9,488,396	9.3	25.3	2.2
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)	7,183,955	9.8	17.2	2.2
Class III – Off-road motorcycling	3,628,755	3.1	23.7	1.7
Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)	1,593,024	1.6	25.1	2.3
Snowmobiling	943,416	3.1	7.1	2.3
Personal water craft – jet ski	1,569,272	4.2	8.1	2.2
Power boating (cruising / water skiing)	6,791,069	15.3	11.1	2.6
Non-motorized Snow Activities				
Downhill (alpine) skiing / snowboarding	6,420,325	16.3	9.3	2.0
Cross-country / Nordic skiing / skijoring on groomed trails	862,734	5.0	4.5	1.8
Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails	682,881	3.4	4.9	1.9
Snowshoeing	1,034,870	8.5	3.3	1.9
Sledding, tubing, or general snow play	4,119,510	24.8	3.5	3.0
Outdoor Leisure / Sporting Activities				
Sightseeing / driving or motorcycling for pleasure	47,123,967	57.5	22.5	2.4
Picnicking	20,764,294	49.7	10.4	2.8
General play at a neighborhood park / playground	71,471,779	48.0	33.5	2.6
Dog walking / going to dog parks / off-leash areas	106,715,614	30.2	102.0	2.0
Relaxing, hanging out, escaping heat / noise, etc.	75,359,088	53.2	36.4	2.5
Attending outdoor concerts, fairs, festivals	10,918,188	51.5	5.4	2.4
Tennis (played outdoors)	3,991,507	8.8	11.3	2.2
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)	10,980,357	10.9	21.7	2.2
Baseball / softball	8,958,239	8.5	23.1	2.3
Football, soccer, lacrosse, rugby, ultimate frisbee	13,579,119	10.3	26.9	2.0
Golf	7,305,394	11.3	18.5	1.6

Activity	User Occasions	% Population Participating	Average # Times for Participants	Average # Household Members Participating
Disc golf	4,693,627	7.1	16.6	2.0
Skateboarding, inline skating, roller skating, roller skiing	6,035,054	4.4	27.7	1.8
Rock climbing, bouldering, mountaineering	1,544,070	4.3	10.0	2.1
Orienteering, geocaching	2,852,185	4.6	15.1	2.4
Hang gliding, sky diving, paragliding	163,643	1.2	3.6	2.6
Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	9,140,757	43.1	5.4	2.5
Nature Study Activities				
Bird watching	27,488,894	13.6	56.4	1.9
Whale watching	1,934,260	13.6	4.1	2.5
Exploring tidepools	6,130,359	30.0	4.9	2.7
Other nature / wildlife / forest / wildflower observation	25,596,300	28.0	26.7	2.3
Visiting botanical gardens	1,723,894	13.4	3.5	2.3
Visiting nature centers	2,946,570	15.0	4.9	2.4
Outdoor photography, painting, drawing	14,791,928	16.3	25.6	1.7
Collecting (rocks, plants, mushrooms, berries)	12,643,316	20.9	15.5	2.3
Vehicle-based Camping Activities				
RV / motorhome / trailer camping	6,180,044	18.6	8.5	2.7
Car camping with a tent	8,280,008	34.6	5.7	2.7
Motorcycle camping with a tent	404,123	1.4	9.4	2.0
Yurts / camper cabins	698,126	7.7	2.1	2.6
Fishing, Hunting, Shooting Activities				
Fly fishing	2,867,497	5.6	13.8	1.6
Fishing from a boat (other than fly fishing)	6,827,347	15.3	10.6	1.9
Fishing from a bank or shore (other than fly fishing)	9,609,651	17.3	14.2	2.0
Crabbing	2,108,043	11.7	4.8	2.3
Shellfishing / clamming	1,925,022	5.2	7.7	2.2
Big game hunting with a gun	3,008,931	8.3	8.4	1.7
Big game hunting with a bow	935,034	1.9	12.8	1.5
Waterfowl hunting	852,885	2.1	11.4	1.3
Upland bird or small game hunting	1,273,510	3.3	10.7	1.5
Target / skeet shooting / archery	6,820,307	10.8	15.6	1.9
Non-motorized Water-based and Beach Activities				
White-water canoeing, kayaking, rafting	2,911,759	12.5	5.8	2.2
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating	3,982,657	11.7	10.0	2.2
Surfing / ocean stand-up paddling	906,839	1.6	13.6	1.9
Windsurfing / kiteboarding	696,961	<1.0	32.7	1.4
Sailing	1,235,451	1.8	16.3	2.2
Beach activities – ocean	17,274,553	53.2	8.3	2.8
Beach activities – lakes, reservoirs, rivers	15,415,008	32.5	11.8	2.8
Swimming / playing in outdoor pools / spray parks	14,776,997	20.7	15.2	2.7
Snorkeling / SCUBA diving	1,013,127	1.3	15.0	1.7

*Bicycle touring was asked as a separate question regarding participation only.

2.4 SCORP Region Resident User Occasions and Participation

The total statewide estimate of user occasions for each activity was allocated to each SCORP region based on the proportion of user occasions for a given activity in a region relative to the total user occasions with locational information provided. This proportion was then multiplied by the total statewide user occasions. This disaggregation method retains the statewide estimate including observations where locational information is not provided. Thus, each activity type column sums to the statewide total user occasions (Table 2.3).

Figure 2.3 displays the variation in aggregate total user occasions by region in which they occurred. Aggregate total user occasions are associated with each region's population size given the preponderance of close-to-home activities (Figure 2.5).

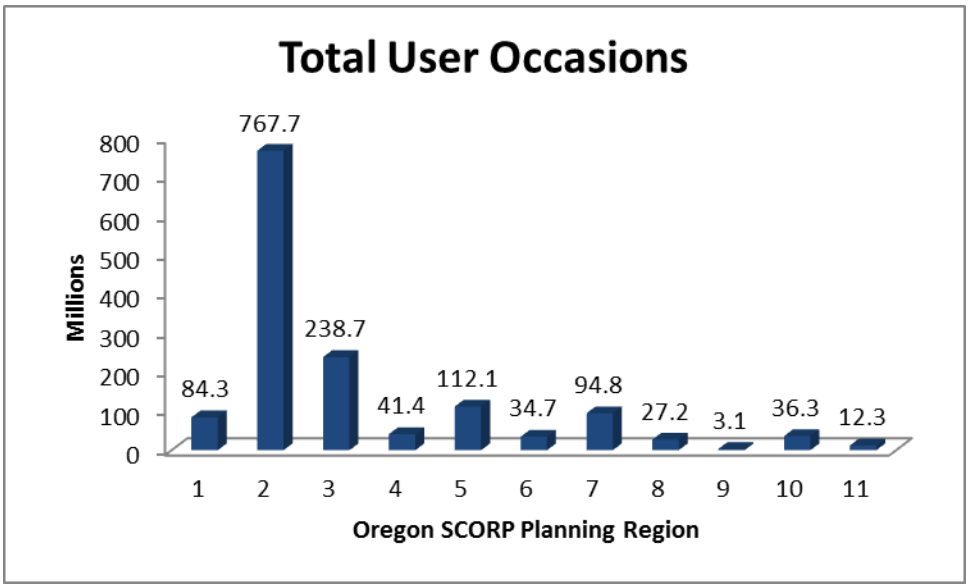

Figure 2.3. Total User Occasions in All Activities in Region Where Occurred, 2011.

Figure 2.5 shows the top ten activities by user occasions that occur within each SCORP region. Walking on local streets, dog walking, walking on local trails, and bicycling on roads or on paved trails consistently show up in the top activities listed for each region. However, there are regional differences as well, including ocean beach activities for Regions 1 and 4, horseback riding for Region 11, and motorized trail activities for Regions 4, 9, 10, and 11. Table 2.3 provides user occasion estimates as well as the proportion of regional user occasions to the total user occasions for the state.

The magnitude of user occasions per region is in part a function of the local resource endowments (e.g., ocean beach activities for oceanfront regions; non-motorized snow activities for regions containing ski areas and greater snowfall) and the population size. Densely populated regions have larger user occasions due to the fact of more people. Thus, also reported is the proportion of the region's population that participates in each activity.

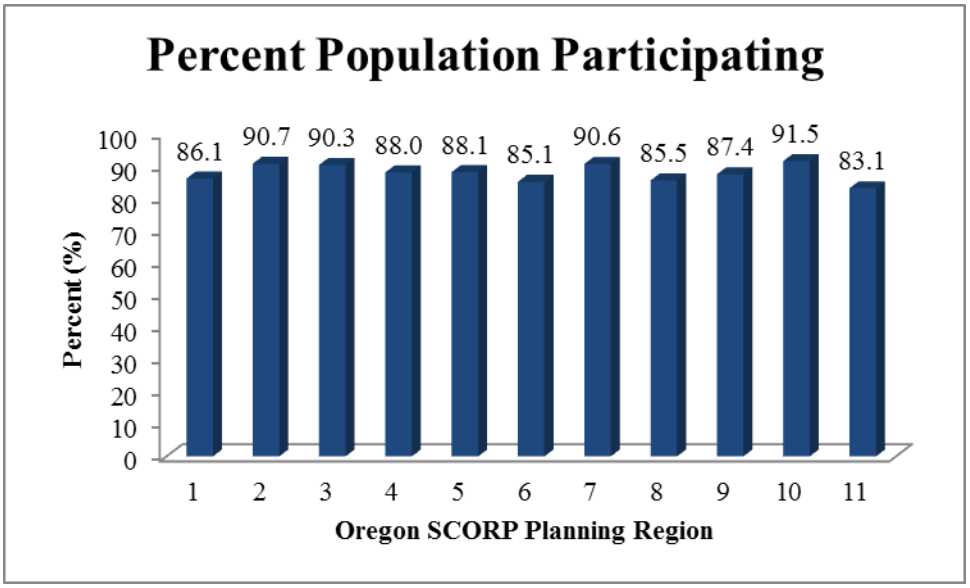

Figure 2.4. Total Percent of Region Population Participating in One or More Outdoor Activities, 2011.

Figure 2.4 displays the variation in the percent of each region's population that participated in at least one outdoor recreation activity in 2011. Regions with large urban centers had higher proportions of their population participating in some outdoor recreation activity, with the exception of the largest percentage participating being in Region 10.

Figure 2.6 provides the top ten activities for each region based on the proportion of region populations participating in them. Walking, sightseeing, relaxing, and picnicking have higher proportion of regional populations participating in them than other activity types, although the exact proportion within an activity across regions can vary widely (Table 2.4). For example, walking on local streets / sidewalks ranges from 76.1% in Region 10 to 56.7% in Region 11, and picnicking from 72.7% in Region 10 to 47.6% in Regions 1 and 2.

Oregon SCORP Region										
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
Beach – ocean	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets
Walking on local streets	Dog walking	Walking on local trails	Beach – ocean	Walking on local trails	Relaxing	Walking on local trails	Relaxing	Sightseeing	Relaxing	Horseback riding
Sightseeing	Walking on local trails	Bicycling on roads	Walking on local trails	Relaxing	General play	Bicycling on paved trails	Walking on local trails	Class II – 4WD	Day hiking on non-local trails	Relaxing
Relaxing	Bicycling on roads	Dog walking	Relaxing	Bicycling on roads	Bicycling on roads	Relaxing	Bird watching	Walking on local trails	Sightseeing	Bicycling on roads
Exploring tidepools	General play	Relaxing	Dog walking	Dog walking	Walking on local trails	Horseback riding	Other nature observation	Relaxing	Dog walking	Class I – ATV
Beach – lakes	Jogging on streets	General play	Sightseeing	General play	Dog walking	Dog walking	Dog walking	Class I – ATV	Walking on local trails	Dog walking
Walking on local trails	Relaxing	Bicycling on paved trails	Day hiking on non-local trails	Bird watching	Sightseeing	Bicycling on roads	Collecting	Day hiking on non-local trails	Bicycling on roads	Walking on local trails
Day hiking on non-local trails	Sightseeing	Jogging on streets	Class I – ATV	Sightseeing	Jogging on streets	Day hiking on non-local trails	Outdoor photography	Picnicking	Class II – 4WD	General play
Dog walking	Jogging on trails	Sightseeing	Exploring tidepools	Jogging on streets	Bird watching	Jogging on trails	Bicycling on roads	Dog walking	General play	Sightseeing
Other nature observation	Day hiking on non-local trails	Day hiking on non-local trails	General play	Day hiking on non-local trails	Swimming in pools	Sightseeing	Target shooting	Bicycling on roads	Class I – ATV	Jogging on streets

Figure 2.5. Top Ten Activities by User Occasions in Oregon SCORP Region Where Occurred, 2011

Oregon SCORP Region										
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets	Walking on local streets
Walking on local trails	Walking on local trails	Sightseeing	Sightseeing	Walking on local trails	Sightseeing	Walking on local trails	Sightseeing	Sightseeing	Sightseeing	Sightseeing
Sightseeing	Beach – ocean	Walking on local trails	Walking on local trails	Sightseeing	Walking on local trails	Sightseeing	Walking on local trails	Walking on local trails	Picnicking	Picnicking
Beach – ocean	Sightseeing	Relaxing	Beach – ocean	Outdoor concerts / fairs	Picnicking	Outdoor concerts / fairs	Picnicking	Picnicking	Walking on local trails	Relaxing
Visiting historic sites	Relaxing	Beach – ocean	Relaxing	Relaxing	Relaxing	Relaxing	Relaxing	Relaxing	Relaxing	Visiting historic sites
Relaxing	Outdoor concerts / fairs	Picnicking	Picnicking	Picnicking	General play	Picnicking	Visiting historic sites	Day hiking on non-local trails	General play	Fishing from a bank or shore
Picnicking	General play	Outdoor concerts / fairs	General play	Beach – ocean	Visiting historic sites	Day hiking on non-local trails	Sledding, snow play	Visiting historic sites	Outdoor concerts / fairs	General play
Outdoor concerts / fairs	Day hiking on non-local trails	Day hiking on non-local trails	RV camping	Day hiking on non-local trails	Outdoor concerts / fairs	Beach – lakes	Day hiking on non-local trails	General play	Day hiking on non-local trails	Class I – All-terrain vehicle riding
Day hiking on non-local trails	Picnicking	General play	Exploring tidepools	General play	Day hiking on non-local trails	General play	General play	Sledding, snow play	Visiting historic sites	Walking on local trails
Exploring tidepools	Visiting historic sites	Visiting historic sites	Day hiking on non-local trails	Visiting historic sites	RV camping	Beach – ocean	Car camping with a tent	Car tent camping	Collecting	RV camping

Figure 2.6. Top Ten Activities per Oregon SCORP Region, % Population Participating, 2011

Table 2.3. User Occasions and Percent of Statewide Occasions by Activity in Oregon SCORP Planning Region Where Occurred, 2011

Non-motorized Trail or Related Activities										
Region	**Walking on local streets / sidewalks**		**Walking on local trails / paths**		**Walking / day hiking on non-local trails / paths**		**Long-distance hiking (backpacking)**		**Jogging / running on streets / sidewalks**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	9,800,298	3%	3,911,783	3%	3,418,109	8%	259,827	6%	848,994	1%
2	240,882,655	62%	66,942,906	55%	17,643,990	44%	1,233,440	28%	46,095,688	69%
3	60,238,627	16%	20,052,263	17%	6,772,616	17%	633,021	14%	9,206,153	14%
4	6,531,899	2%	3,106,413	3%	1,579,953	4%	50,968	1%	700,516	1%
5	29,024,269	8%	9,130,174	8%	3,513,631	9%	1,026,209	23%	4,005,929	6%
6	9,403,242	2%	1,919,251	2%	589,429	1%	34,762	1%	1,370,937	2%
7	16,786,789	4%	11,982,011	10%	3,809,079	9%	713,451	16%	2,540,061	4%
8	4,548,217	1%	1,865,675	2%	608,746	2%	176,068	4%	647,410	1%
9	511,616	<1%	199,284	<1%	102,923	<1%	7,053	<1%	71,103	<1%
10	6,408,731	2%	1,742,132	1%	1,925,332	5%	284,753	6%	1,208,157	2%
11	2,356,790	1%	513,963	<1%	282,253	1%	28,216	1%	465,737	1%
Total	386,493,133		121,365,856		40,246,062		4,447,768		67,160,686	
Region	**Jogging / running on trails / paths**		**Horseback riding**		**Bicycling on unpaved trails**		**Bicycling on paved trails**		**Bicycling on roads, streets, sidewalks**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	564,639	2%	184,550	2%	257,011	2%	544,244	1%	1,212,323	1%
2	19,015,209	59%	2,194,786	23%	8,942,933	61%	17,487,350	45%	50,967,296	58%
3	5,991,988	19%	316,705	3%	2,081,896	14%	10,489,540	27%	19,929,488	23%
4	351,575	1%	276,033	3%	307,908	2%	478,094	1%	1,078,488	1%
5	1,979,280	6%	544,064	6%	925,852	6%	2,902,842	7%	5,514,801	6%
6	238,217	1%	350,456	4%	153,954	1%	389,059	1%	1,995,948	2%
7	2,795,916	9%	4,230,429	44%	1,331,531	9%	5,821,693	15%	3,954,325	5%
8	743,646	2%	133,661	1%	409,339	3%	417,445	1%	835,650	1%
9	23,852	<1%	59,820	1%	28,609	<1%	11,327	<1%	81,669	<1%
10	316,063	1%	637,561	7%	243,153	2%	450,975	1%	1,597,713	2%
11	172,411	1%	787,153	8%	84,249	1%	28,570	<1%	641,480	1%
Total	32,192,793		9,715,218		14,766,435		39,021,140		87,809,182	

Table 2.3. Continued….

Motorized Activities										
Region	**Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat, handle bars)**		**Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)**		**Class III – Off-road motorcycling**		**Class IV – Riding UTVs or side-by-side ATVs (non-straddle seat, driver / passenger sit side-by-side in the vehicle, steering wheel for steering control)**		**Snowmobiling**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	630,164	7%	547,573	8%	319,128	9%	56,983	4%	<1,000	<1%
2	2,050,977	22%	905,227	13%	320,218	9%	148,442	9%	25,664	3%
3	1,169,050	12%	1,005,643	14%	1,493,851	41%	161,083	10%	31,235	3%
4	1,295,327	14%	1,027,299	14%	218,064	6%	516,611	32%	<1,000	<1%
5	920,121	10%	932,902	13%	643,789	18%	168,673	11%	96,965	10%
6	543,653	6%	224,034	3%	48,523	1%	123,755	8%	100,554	11%
7	592,801	6%	358,693	5%	215,146	6%	115,883	7%	362,238	38%
8	341,856	4%	181,897	3%	43,477	1%	64,884	4%	79,756	8%
9	168,891	2%	252,236	4%	22,545	1%	6,772	<1%	7,267	1%
10	1,233,006	13%	1,449,342	20%	153,944	4%	109,463	7%	231,548	25%
11	542,549	6%	299,108	4%	150,071	4%	120,473	8%	7,899	1%
Total	9,488,396		7,183,955		3,628,755		1,593,024		943,416	

Region	**Using personal water craft, such as jet ski**		**Power boating (cruising / water skiing)**	
	#	**%**	**#**	**%**
1	64,771	4%	330,322	5%
2	558,185	36%	2,600,014	38%
3	221,999	14%	1,600,679	24%
4	100,932	6%	278,970	4%
5	393,311	25%	711,447	10%
6	25,476	2%	197,184	3%
7	91,905	6%	599,286	9%
8	59,295	4%	146,969	2%
9	3,170	<1%	4,432	<1%
10	40,085	3%	243,145	4%
11	10,145	1%	78,621	1%
Total	1,569,272		6,791,069	

Table 2.3. Continued….

Non-motorized Snow Activities										
Region	**Downhill (alpine) skiing / snowboarding**		**Cross-country / Nordic skiing / skijoling on groomed trails**		**Cross-country / Nordic skiing / skijoling on ungroomed trails or off designated trails**		**Snowshoeing**		**Sledding, tubing, general snow play**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	62,147	2%
2	3,667,832	57%	318,057	37%	198,423	29%	426,713	41%	1,599,228	39%
3	291,683	5%	103,006	12%	120,275	18%	191,932	19%	512,511	12%
4	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	23,689	1%
5	271,550	4%	50,851	6%	67,940	10%	37,795	4%	320,811	8%
6	8,409	<1%	1,197	<1%	4,514	1%	18,793	2%	183,632	4%
7	1,965,085	31%	346,554	40%	236,673	35%	209,496	20%	818,180	20%
8	41,005	1%	11,240	1%	20,389	3%	73,491	7%	102,676	2%
9	12,972	<1%	<1,000	<1%	1,568	<1%	2,575	<1%	17,693	<1%
10	153,390	2%	31,829	4%	30,488	4%	73,326	7%	367,265	9%
11	8,398	<1%	<1,000	<1%	2,612	<1%	749	<1%	111,680	3%
Total	6,420,325		862,734		682,881		1,034,870		4,119,510	

Outdoor Leisure and Sporting Activities										
Region	**Sightseeing / driving or motorcycling for pleasure**		**Picnicking**		**General play at a neighborhood park / playground**		**Dog walking / going to dog parks / off-leash areas**		**Relaxing, hanging out, escaping heat / noise, etc.**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	5,967,424	13%	1,519,300	7%	1,443,710	2%	3,020,009	3%	5,049,282	7%
2	20,092,505	43%	10,034,056	48%	46,719,843	65%	70,713,378	66%	33,592,007	45%
3	7,722,634	16%	3,745,301	18%	11,199,412	16%	16,752,337	16%	14,249,700	19%
4	1,675,954	4%	640,166	3%	1,078,493	2%	1,790,206	2%	2,420,294	3%
5	4,207,192	9%	1,866,848	9%	4,650,349	7%	4,787,514	4%	7,463,741	10%
6	1,433,202	3%	689,653	3%	2,022,426	3%	1,832,586	2%	2,684,008	4%
7	2,720,445	6%	864,166	4%	1,783,221	2%	4,071,836	4%	4,931,369	7%
8	669,360	1%	451,493	2%	700,671	1%	1,273,549	1%	1,869,988	2%
9	262,329	1%	100,491	<1%	35,781	<1%	96,455	<1%	187,923	<1%
10	1,895,996	4%	686,580	3%	1,330,295	2%	1,851,077	2%	2,169,521	3%
11	476,925	1%	166,240	1%	507,578	1%	526,667	<1%	741,254	1%
Total	47,123,967		20,764,294		71,471,779		106,715,614		75,359,088	

Table 2.3. Continued….

Region	Attending outdoor concerts, fairs, festivals		Tennis (played outdoors)		Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)		Baseball or softball		Football, soccer, lacrosse, rugby, ultimate frisbee	
	#	%	#	%	#	%	#	%	#	%
1	241,205	2%	36,539	1%	134,531	1%	204,226	2%	173,700	1%
2	6,055,468	55%	2,350,165	59%	6,349,244	58%	5,033,908	56%	9,287,106	68%
3	1,715,728	16%	525,649	13%	2,565,242	23%	1,798,538	20%	1,615,073	12%
4	382,420	4%	54,462	1%	94,002	1%	110,441	1%	139,591	1%
5	1,085,784	10%	483,881	12%	565,180	5%	672,142	8%	949,826	7%
6	207,929	2%	126,367	3%	268,363	2%	441,659	5%	446,284	3%
7	925,197	8%	287,053	7%	308,496	3%	220,948	2%	490,594	4%
8	98,337	1%	83,241	2%	310,176	3%	73,231	1%	57,128	<1%
9	24,550	<1%	4,353	<1%	<1,000	<1%	6,484	<1%	11,340	<1%
10	120,097	1%	19,985	1%	253,950	2%	254,410	3%	294,116	2%
11	61,473	1%	19,812	<1%	131,172	1%	142,251	2%	114,361	1%
Total	10,918,188		3,991,507		10,980,357		8,958,239		13,579,119	

Region	Golf		Disc golf		Skateboarding, inline skating, roller skating, roller skiing		Rock climbing, bouldering, mountaineering		Orienteering, geocaching	
	#	%	#	%	#	%	#	%	#	%
1	155,661	2%	15,775	<1%	133,483	2%	17,857	1%	57,583	2%
2	3,887,522	53%	2,492,176	53%	3,220,973	53%	210,827	14%	1,403,959	49%
3	1,081,543	15%	1,001,538	21%	1,176,941	20%	172,696	11%	451,521	16%
4	124,050	2%	104,296	2%	75,687	1%	24,301	2%	51,929	2%
5	768,448	11%	457,410	10%	224,011	4%	276,203	18%	281,078	10%
6	198,148	3%	290,274	6%	191,382	3%	8,656	1%	96,306	3%
7	811,162	11%	257,086	5%	298,905	5%	466,873	30%	362,102	13%
8	84,167	1%	16,502	<1%	303,902	5%	246,037	16%	93,180	3%
9	5,716	<1%	<1,000	<1%	<1,000	<1%	2,503	<1%	16,239	1%
10	109,646	2%	49,780	1%	189,769	3%	110,044	7%	33,547	1%
11	79,331	1%	8,789	<1%	220,002	4%	8,072	1%	4,742	<1%
Total	7,305,394		4,693,627		6,035,054		1,544,070		2,852,185	

Table 2.3. Continued….

Region	Hang gliding, sky diving, paragliding		Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	
	#	%	#	%
1	83,357	51%	1,295,871	14%
2	37,868	23%	4,238,756	46%
3	10,523	6%	905,598	10%
4	<1,000	<1%	280,241	3%
5	31,895	19%	676,587	7%
6	<1,000	<1%	184,691	2%
7	<1,000	<1%	684,000	7%
8	<1,000	<1%	231,534	3%
9	<1,000	<1%	34,892	<1%
10	<1,000	<1%	507,985	6%
11	<1,000	<1%	100,600	1%
Total	163,643		9,140,757	

Nature Study Activities

Region	Bird watching		Whale watching		Exploring tidepools		Other nature / wildlife / forest / wildflower observation		Visiting botanical gardens	
	#	%	#	%	#	%	#	%	#	%
1	2,111,440	8%	1,465,195	76%	4,712,823	77%	2,456,910	10%	69,379	4%
2	9,199,183	33%	0	0%	0	0%	9,379,979	37%	1,156,568	67%
3	5,408,942	20%	0	0%	0	0%	4,875,367	19%	161,105	9%
4	971,081	4%	431,730	22%	1,151,398	19%	1,016,259	4%	276,648	16%
5	4,410,747	16%	0	0%	0	0%	2,515,338	10%	41,952	2%
6	755,636	3%	0	0%	0	0%	548,301	2%	4,157	<1%
7	2,036,342	7%	0	0%	0	0%	2,116,174	8%	8,152	<1%
8	1,448,752	5%	0	0%	0	0%	1,285,746	5%	1,031	<1%
9	38,750	<1%	0	0%	0	0%	80,366	<1%	<1,000	<1%
10	850,817	3%	0	0%	0	0%	1,015,763	4%	1,210	<1%
11	257,204	1%	0	0%	0	0%	306,098	1%	3,691	<1%
Total	27,488,894		967,130		6,130,359		25,596,300		1,723,894	

Table 2.3. Continued….

Region	Visiting nature centers		Outdoor photography, painting, drawing		Collecting (rocks, plants, mushrooms, berries)	
	#	%	#	%	#	%
1	367,566	12%	1,302,799	9%	1,774,496	14%
2	1,776,741	60%	5,661,339	38%	3,553,268	28%
3	196,411	7%	2,754,587	19%	2,433,729	19%
4	102,088	3%	501,927	3%	918,459	7%
5	194,465	7%	1,618,729	11%	992,280	8%
6	14,300	<1%	410,903	3%	412,391	3%
7	177,253	6%	844,262	6%	598,111	5%
8	28,280	1%	893,979	6%	958,949	8%
9	<1,000	<1%	36,417	<1%	46,083	<1%
10	82,009	3%	548,956	4%	819,975	6%
11	7,455	<1%	218,029	1%	135,575	1%
Total	2,946,570		14,791,928		12,643,316	

Vehicle-based Camping Activities

Region	RV / motorhome / trailer camping		Car camping with a tent		Motorcycle camping with a tent		Yurts / camper cabins	
	#	%	#	%	#	%	#	%
1	1,264,146	20%	1,224,886	15%	114,863	28%	256,130	37%
2	742,323	12%	1,568,258	19%	131,758	33%	179,135	26%
3	816,387	13%	1,172,958	14%	22,276	6%	36,709	5%
4	634,073	10%	368,212	4%	18,700	5%	88,807	13%
5	698,655	11%	736,746	9%	7,211	2%	49,004	7%
6	314,780	5%	249,149	3%	4,828	1%	23,113	3%
7	770,610	12%	2,054,459	25%	65,678	16%	48,971	7%
8	195,112	3%	200,528	2%	10,958	3%	1,346	<1%
9	54,617	1%	37,781	<1%	<1,000	<1%	<1,000	<1%
10	585,536	9%	568,459	7%	21,804	5%	11,530	2%
11	103,805	2%	98,571	1%	5,777	1%	3,382	<1%
Total	6,180,044		8,280,008		404,123		698,126	

Table 2.3. Continued….

Fishing, Hunting, and Shooting Activities										
Region	**Fly fishing**		**Fishing from a boat (other than fly fishing)**		**Fishing from a bank / shore (other than fly fishing)**		**Crabbing**		**Shellfishing / clamming**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	157,139	5%	897,306	13%	560,381	6%	1,330,594	63%	1,101,175	57%
2	260,315	9%	1,850,306	27%	2,955,479	31%	0	0%	0	0%
3	362,238	13%	1,002,713	15%	1,654,661	17%	0	0%	0	0%
4	78,271	3%	449,202	7%	552,823	6%	722,888	34%	649,412	34%
5	393,841	14%	876,855	13%	1,077,175	11%	0	0%	0	0%
6	146,869	5%	265,292	4%	540,814	6%	0	0%	0	0%
7	690,778	24%	518,422	8%	614,830	6%	0	0%	0	0%
8	514,766	18%	588,419	9%	596,191	6%	0	0%	0	0%
9	32,306	1%	47,510	1%	50,378	1%	0	0%	0	0%
10	205,872	7%	204,047	3%	744,021	8%	0	0%	0	0%
11	25,100	1%	127,275	2%	262,899	3%	0	0%	0	0%
Total	2,867,497		6,827,347		9,609,651		2,108,043		1,925,022	
Region	**Big game hunting with a gun**		**Big game hunting with a bow**		**Waterfowl hunting**		**Upland bird / small game hunting**		**Target / skeet shooting / archery**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	214,074	7%	38,265	4%	41,659	5%	46,249	4%	212,552	3%
2	496,169	16%	122,973	13%	382,657	45%	209,488	16%	2,524,633	37%
3	768,075	26%	172,456	18%	68,674	8%	226,595	18%	790,509	12%
4	160,835	5%	27,866	3%	14,321	2%	17,660	1%	267,926	4%
5	344,929	11%	182,768	20%	17,593	2%	172,164	14%	803,105	12%
6	177,050	6%	36,084	4%	40,872	5%	130,068	10%	191,487	3%
7	112,709	4%	45,837	5%	28,023	3%	44,964	4%	624,715	9%
8	270,233	9%	79,692	9%	129,073	15%	103,406	8%	824,110	12%
9	19,867	1%	4,341	<1%	30,194	4%	30,084	2%	46,830	1%
10	322,781	11%	207,419	22%	75,376	9%	118,734	9%	374,082	5%
11	122,208	4%	17,334	2%	24,443	3%	174,097	14%	160,359	2%
Total	3,008,931		935,034		852,885		1,273,510		6,820,307	

Table 2.3. Continued….

Non-motorized Water-based and Beach Activities										
Region	**White-water canoeing, kayaking, rafting**		**Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating**		**Surfing / ocean stand-up paddling**		**Windsurfing / kiteboarding**		**Sailing**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	56,317	2%	567,643	14%	696,451	77%	510,720	73%	62,729	5%
2	487,332	17%	1,717,149	43%	0	0%	176,012	25%	570,248	46%
3	422,408	15%	456,208	11%	0	0%	<1,000	<1%	156,459	13%
4	48,479	2%	204,004	5%	158,349	17%	8,239	1%	11,570	1%
5	384,149	13%	254,739	6%	0	0%	<1,000	<1%	11,503	1%
6	220,422	8%	62,520	2%	0	0%	<1,000	<1%	<1,000	<1%
7	1,226,550	42%	551,557	14%	0	0%	1,991	<1%	2,648	<1%
8	25,587	1%	105,992	3%	0	0%	<1,000	<1%	420,293	34%
9	<1,000	<1%	13,817	<1%	0	0%	<1,000	<1%	<1,000	<1%
10	37,938	1%	47,319	1%	0	0%	<1,000	<1%	<1,000	<1%
11	2,577	<1%	1,709	<1%	0	0%	<1,000	<1%	<1,000	<1%
Total	2,911,759		3,982,657		906,839		696,961		1,235,451	

Region	**Beach activities - ocean**		**Beach activities – lakes, reservoirs, rivers, etc.**		**Swimming / playing in outdoor pools / spray parks**		**Snorkeling / SCUBA diving**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**
1	13,600,912	79%	4,127,041	27%	324,704	2%	44,062	4%
2	273,605	0%	3,728,314	24%	7,682,942	52%	574,238	57%
3	48,470	0%	2,810,191	18%	2,279,078	15%	229,032	23%
4	3,289,161	19%	813,964	5%	458,760	3%	30,131	3%
5	7,061	0%	1,802,086	12%	1,773,219	12%	96,373	10%
6	16,583	0%	340,759	2%	704,025	5%	<1,000	<1%
7	25,264	0%	1,105,229	7%	1,014,448	7%	25,970	3%
8	3,386	0%	252,394	2%	92,965	1%	10,747	1%
9	<1,000	0%	47,114	<1%	34,536	<1%	<1,000	<1%
10	7,747	0%	324,777	2%	256,141	2%	2,575	<1%
11	2,365	0%	63,139	<1%	156,178	1%	<1,000	<1%
Total	17,274,553		15,415,008		14,776,997		1,013,127	

Table 2.4. Percent of Population Participating in Activities, Oregon SCORP Regions, 2011

Activity	SCORP Region										
	1	2	3	4	5	6	7	8	9*	10	11
Non-motorized Trail Activities											
Walking on local streets / sidewalks	61.6	68.9	65.7	63.3	65.2	61.8	71.9	57.9	58.5	76.1	56.7
Walking on local trails / paths	59.9	62.1	59.2	58.6	61.8	52.2	66.3	53.5	53.4	63.7	35.2
Walking / day hiking on non-local trails / paths	40.1	50.2	46.9	39.3	45.1	36.4	51.5	37.5	39.3	49.4	27.1
Long-distance hiking (back packing)	7.7	12.2	10.2	8.9	11.1	7.1	19.4	14.1	14.2	26.3	6.4
Jogging / running on streets / sidewalks	9.9	21.6	15.2	9.1	12.5	10.0	20.7	12.7	13.6	20.2	14.0
Jogging / running on trails / paths	9.7	16.6	12.5	8.6	10.3	7.2	18.2	14.2	14.0	14.5	7.2
Horseback riding	5.4	5.1	2.7	5.2	7.0	10.8	4.9	7.0	7.6	18.9	15.5
Bicycling on unpaved trails	9.0	11.4	12.6	9.9	12.0	11.2	22.4	17.7	17.3	15.4	7.8
Bicycling on paved trails	16.2	26.6	26.8	13.9	19.4	16.6	28.0	25.0	23.5	18.4	5.1
Bicycling on roads, streets / sidewalks	22.7	33.1	34.5	20.5	25.0	25.6	34.0	23.0	23.1	37.0	21.5
Bicycle touring on paved roads / paths (long day / multi-day rides)	5.2	12.6	7.3	2.3	7.6	4.3	12.2	7.1	6.9	5.4	5.7
Motorized Activities											
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)	11.3	5.6	8.7	26.0	12.8	25.2	14.0	21.1	21.8	40.1	35.5
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)	10.1	6.6	10.5	27.7	14.4	17.0	13.1	16.6	19.1	35.1	20.1
Class III – Off-road motorcycling	2.9	2.1	3.0	7.5	5.5	4.4	5.6	3.9	5.0	10.1	6.1
Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)	1.8	<1.0	1.7	6.0	3.0	4.7	3.4	5.6	5.7	8.8	9.2
Snowmobiling	1.3	2.2	2.2	1.8	3.0	9.3	8.5	5.9	6.7	18.7	7.1
Personal water craft – jet ski	2.4	3.6	4.6	4.5	4.0	4.9	9.6	6.6	6.3	5.4	3.4
Power boating (cruising / water skiing)	15.1	12.8	17.4	22.8	18.6	16.6	22.9	21.6	21.2	26.9	21.8
Non-motorized Snow Activities											
Downhill (alpine) skiing / snowboarding	7.8	18.5	16.0	8.0	9.9	9.0	18.0	10.8	11.5	16.3	8.2
Cross-country / Nordic skiing / skijoring on groomed trails	2.7	5.3	3.8	1.6	3.9	1.9	12.1	2.0	2.3	7.2	1.6
Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails	2.3	3.0	4.2	1.5	2.9	1.1	7.2	4.8	5.3	7.3	1.8
Snowshoeing	2.8	9.1	6.3	3.5	5.4	5.8	16.6	11.9	11.9	16.4	2.5
Sledding, tubing, or general snow play	16.4	23.6	23.5	17.4	25.1	35.4	33.0	37.5	38.1	44.8	30.7
Outdoor Leisure / Sporting Activities											
Sightseeing / driving or motorcycling for pleasure	59.6	55.2	61.5	60.6	60.3	58.6	60.6	56.5	57.6	73.6	56.3
Picnicking	47.6	47.6	53.3	49.4	53.2	50.8	52.2	48.3	49.0	72.7	49.6

Activity	SCORP Region										
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9***	**10**	**11**
General play at a neighborhood park / playground	35.8	50.2	46.8	42.6	44.2	46.3	45.3	37.4	38.4	53.9	36.7
Dog walking / going to dog parks / off-leash areas	30.3	31.4	28.0	29.5	24.3	29.1	37.6	26.5	27.1	33.6	17.7
Relaxing, hanging out, escaping heat / noise, etc.	50.6	52.6	57.8	51.9	53.6	46.4	54.9	44.7	45.3	61.2	41.7
Attending outdoor concerts, fairs, festivals	40.7	52.3	52.4	38.7	55.5	40.8	57.3	34.4	36.7	53.0	31.2
Tennis (played outdoors)	4.1	10.3	5.9	3.5	7.8	11.7	8.0	3.2	3.3	5.7	4.4
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)	7.4	12.0	8.2	5.8	10.1	13.3	9.8	6.7	8.6	14.0	9.8
Baseball / softball	7.5	7.9	10.0	6.1	8.8	10.4	7.6	10.1	9.7	16.5	8.9
Football, soccer, lacrosse, rugby, ultimate frisbee	5.5	11.2	9.2	5.0	8.9	9.3	8.4	8.0	11.9	16.7	11.0
Golf	10.9	11.3	9.9	11.1	11.5	12.6	15.1	14.0	13.5	10.1	11.5
Disc golf	4.0	7.5	7.0	8.9	7.4	6.5	5.3	4.5	4.1	7.9	1.5
Skateboarding, inline skating, roller skating, roller skiing	5.4	4.4	3.8	2.6	3.0	5.9	8.1	2.3	2.1	4.4	5.5
Rock climbing, bouldering, mountaineering	1.7	3.8	4.1	4.1	3.4	2.0	13.3	4.9	5.4	10.0	3.2
Orienteering, geocaching	4.6	4.3	4.4	4.9	4.7	4.6	10.2	3.6	4.1	4.4	3.1
Hang gliding, sky diving, paragliding	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	50.9	43.3	42.4	32.8	42.0	45.9	44.1	37.9	39.2	48.9	40.5
Nature Study Activities											
Bird watching	23.2	11.6	13.8	15.2	16.8	12.6	17.8	30.8	29.0	23.5	18.8
Whale watching	26.7	12.6	14.6	27.4	17.6	8.7	8.5	11.5	10.6	7.8	10.6
Exploring tidepools	40.1	29.5	32.0	39.7	33.4	18.5	29.3	21.8	21.3	18.7	15.7
Other nature / wildlife / forest / wildflower observation	33.9	26.2	31.3	26.9	32.4	23.0	29.2	27.6	29.5	40.9	19.6
Visiting botanical gardens	10.2	14.1	12.5	27.3	16.4	5.0	8.5	6.8	6.2	6.3	3.5
Visiting nature centers	15.1	15.7	15.4	14.6	14.5	7.3	15.2	15.4	13.8	8.6	7.0
Outdoor photography, painting, drawing	21.0	14.9	18.3	17.1	20.6	12.5	17.5	19.6	19.3	21.4	14.7
Collecting (rocks, plants, mushrooms, berries)	33.9	16.3	26.0	37.0	27.5	27.6	21.7	24.2	26.1	47.1	20.7
Vehicle-based Camping Activities											
RV / motorhome / trailer camping	21.2	13.4	20.2	41.3	23.6	35.8	32.3	34.9	34.5	41.9	31.4
Car camping with a tent	25.1	34.8	35.3	30.0	35.6	28.8	36.8	36.4	37.9	39.8	27.8
Motorcycle camping with a tent	1.0	1.0	1.8	3.2	<1.0	2.6	4.2	1.6	1.4	1.2	1.5
Yurts / camper cabins	4.5	7.9	7.3	5.0	10.8	8.5	4.2	9.1	8.6	5.1	6.5
Fishing, Hunting, Shooting Activities											
Fly fishing	4.5	4.7	6.2	8.6	4.7	5.7	12.1	11.6	11.8	11.9	4.7
Fishing from a boat (other than fly fishing)	22.0	11.7	20.0	22.5	17.8	18.7	21.1	30.1	30.2	29.8	22.6
Fishing from a bank or shore (other than fly fishing)	23.1	12.8	21.6	23.8	20.9	30.3	21.0	35.4	36.5	46.2	39.5
Crabbing	25.3	9.1	17.5	26.0	15.7	9.3	10.2	9.9	9.2	9.3	5.0
Shellfishing / clamming	20.5	5.2	3.9	13.9	3.9	5.1	2.5	5.4	5.1	3.5	2.5

Activity	SCORP Region										
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9***	**10**	**11**
Big game hunting with a gun	12.0	5.2	10.4	15.1	11.0	15.6	10.6	19.7	20.5	36.9	22.7
Big game hunting with a bow	2.5	<1.0	2.6	2.0	2.7	3.6	2.9	4.9	5.3	16.4	8.0
Waterfowl hunting	2.3	1.6	2.6	2.0	2.1	2.8	2.4	8.2	8.7	7.9	4.6
Upland bird or small game hunting	3.0	2.1	3.9	2.6	4.1	6.7	4.1	10.5	11.4	19.5	15.0
Target / skeet shooting / archery	11.7	7.9	11.7	18.9	15.2	14.4	17.5	16.4	21.7	29.1	23.5
Non-motorized Water-based and Beach Activities											
White-water canoeing, kayaking, rafting	7.4	10.9	12.1	20.9	24.0	8.9	12.8	16.3	14.8	12.4	5.3
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating	11.3	9.9	12.8	22.7	12.0	10.1	27.3	11.3	12.4	11.6	2.8
Surfing / ocean stand-up paddling	3.4	1.7	1.0	1.3	1.2	<1.0	3.5	<1.0	<1.0	<1.0	<1.0
Windsurfing / kiteboarding	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Sailing	2.6	2.0	1.7	1.2	2.9	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
Beach activities – ocean	57.7	56.3	54.5	53.5	50.7	31.1	44.8	35.0	34.0	34.3	25.3
Beach activities – lakes, reservoirs, rivers	33.9	30.0	36.5	32.3	35.6	26.8	50.4	33.5	32.9	33.6	19.3
Swimming / playing in outdoor pools / spray parks	9.2	21.7	19.0	11.9	19.8	28.8	24.8	12.8	14.3	19.7	17.3
Snorkeling / SCUBA diving	<1.0	1.1	1.4	2.1	2.4	<1.0	1.0	1.6	1.4	1.5	<1.0

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

2.5 County Resident User Occasions and Participation

County-level results for user occasions are derived similarly to regional allocations—statewide user occasions are allocated to each county based on proportions from the sample that provided locational information. Again, this method retains all user occasion responses and county totals sum to the statewide total user occasions. County-level user occasions and percentage of total user occasions are provided in Appendix A, Table 1. Figure 2.7 lists the top ten counties by total user occasions for each activity category (i.e., user occasions by activity type are summed to their respective categories). Urban and more populated counties dominate for close-to-home activities such as non-motorized trail activities and outdoor leisure / sporting activities due to larger population sizes. However, availability of resources shows a significant draw for user occasions for some activity categories, including non-motorized snow activities, vehicle-based camping activities, and non-motorized water-based and beach activities.

Figure 2.8 lists the top ten counties for each activity category based on mean proportion of county population that participates in them. Appendix A, Table 2 provides percentages of county populations for all activity types. A different picture emerges based on the proclivity of county resident's participation in outdoor activities. Whereas user occasions are reported for the county in which they occurred and heavily influenced by population size, proportions are not. Thus, ranking in the top ten for proportions is based on county residents' preferences and proclivities for certain activities, as well as being a function of what the local landscape offers for different close-to-home opportunities, although participation is based on anywhere in the state.

Non-motorized Trail Activities		Motorized Activities		Non-motorized Snow Activities		Outdoor Leisure / Sporting Activities	
County	**Total (millions)**	**County**	**Total (millions)**	**County**	**Total (millions)**	**County**	**Total (millions)**
Multnomah	248.5	Lane	4.2	Deschutes	3.4	Multnomah	95.8
Washington	92.7	Coos	3.2	Clackamas	2.7	Washington	46.7
Lane	62.6	Clackamas	1.9	Hood River	2.5	Lane	40.9
Benton	53.8	Deschutes	1.6	Lane	0.9	Clackamas	32.3
Clackamas	52.3	Multnomah	1.6	Multnomah	0.5	Marion	28.0
Deschutes	49.2	Jackson	1.5	Jackson	0.5	Deschutes	16.7
Marion	41.9	Douglas	1.5	Union	0.3	Jackson	13.6
Jackson	34.9	Union	1.5	Klamath	0.2	Benton	13.2
Linn	19.3	Marion	1.4	Marion	0.2	Linn	12.6
Yamhill	13.8	Tillamook	1.1	Baker	0.2	Josephine	8.0

Nature Study Activities		Vehicle-based Camping Activities		Fishing, Hunting, Shooting Activities		Non-motorized Water-based and Beach Activities	
County	**Total (millions)**	**County**	**Total (millions)**	**County**	**Total (millions)**	**County**	**Total (millions)**
Lane	9.8	Deschutes	2.5	Lane	3.4	Lincoln	7.4
Multnomah	8.8	Lane	1.5	Klamath	3.1	Clatsop	7.0
Lincoln	7.8	Clackamas	1.1	Multnomah	2.5	Lane	6.2
Washington	5.6	Lincoln	1.1	Coos	2.3	Multnomah	6.2
Marion	5.5	Tillamook	1.1	Washington	2.2	Deschutes	3.7
Clackamas	5.1	Coos	0.8	Deschutes	2.0	Clackamas	3.6
Klamath	4.6	Douglas	0.7	Clackamas	1.8	Coos	2.9
Deschutes	4.3	Clatsop	0.6	Clatsop	1.8	Washington	2.6
Jackson	4.1	Marion	0.6	Jackson	1.7	Tillamook	2.5
Benton	3.3	Linn	0.5	Linn	1.6	Jackson	2.5

Figure 2.7. Top Ten Counties by Total User Occasions Received per Activity Category, 2011

Non-motorized Trail Activities		Motorized Activities		Non-motorized Snow Activities		Outdoor Leisure / Sporting Activities	
County	**Percent**	**County**	**Percent**	**County**	**Percent**	**County**	**Percent**
Baker	39.4	Union	22.9	Hood River	24.6	Union	30.6
Hood River	35.8	Grant	20.7	Union	20.1	Grant	28.6
Deschutes	35.8	Wallowa	20.7	Deschutes	19.4	Wallowa	28.6
Benton	35.4	Baker	17.6	Grant	18.4	Deschutes	26.8
Grant	34.0	Coos	15.4	Wallowa	18.4	Baker	26.5
Wallowa	34.0	Malheur	15.3	Baker	17.5	Josephine	26.5
Multnomah	33.3	Harney	14.7	Benton	14.9	Benton	25.6
Union	32.8	Umatilla	12.5	Lake	13.8	Columbia	25.5
Washington	32.5	Douglas	12.4	Multnomah	13.6	Marion	25.4
Marion	30.9	Lake	12.3	Klamath	13.4	Washington	24.8

Nature Study Activities		Vehicle-based Camping Activities		Fishing, Hunting, Shooting Activities		Non-motorized Water-based and Beach Activities	
County	**Percent**	**County**	**Percent**	**County**	**Percent**	**County**	**Percent**
Lincoln	29.0	Baker	24.2	Union	25.3	Deschutes	20.2
Curry	26.5	Union	22.2	Grant	21.1	Hood River	17.4
Coos	25.4	Grant	22.0	Wallowa	21.1	Jackson	16.9
Tillamook	25.1	Wallowa	22.0	Baker	18.9	Josephine	16.8
Josephine	24.7	Coos	21.1	Lake	16.0	Coos	16.6
Union	24.2	Lake	20.6	Wheeler	15.4	Yamhill	16.0
Benton	23.7	Klamath	20.5	Klamath	15.2	Benton	15.9
Jackson	21.9	Deschutes	19.8	Harney	14.8	Douglas	15.6
Grant	21.8	Linn	19.2	Tillamook	14.5	Polk	15.6
Wallowa	21.8	Umatilla	19.1	Malheur	14.2	Marion	15.5

Figure 2.8. Top Ten Counties by Average Percent Population Participating per Activity Category, 2011

3. Opinions and Preferences of Oregon Residents That Participate in Outdoor Recreation

This section provides results for questions asked specifically of people (92% of Oregon population) that stated they participated in some outdoor recreation activity in 2011 (see Appendix B). These questions delved into how participants perceived 1) their likelihood of using different camping types and the priority need of these types of camping near their communities; 2) their priorities for future park and recreation investments by park and forest agencies; 3) their participation in educational or recreational programs sponsored by recreation providers; and 4) their stated value for park and recreation benefits and their perception of how well they are being delivered in their communities.

Results are reported at three scales—statewide, SCORP region, and county. County-level results are summarized here, with the full tables provided in Appendix A. Confidence in the representativeness of the sample results to the population declines as the geographic scale becomes smaller. This is due to some units (regions or counties) having low populations from which small samples were derived. In particular, some units had too small of sample sizes (i.e., fewer than 30 observations) and were replaced by larger scale units. For example, SCORP Region 9 results are combined with SCORP Region 8 results—it is the combined Region 8 and 9 results that are reported for Region 9. Furthermore, the respective SCORP Regional results containing the following counties are reported instead of county-specific results—Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa, and Wheeler counties. Where specific units' results are replaced by broader scale results, the unit is flagged and footnoted for each table.

3.1 Camping Likelihood and Priority Needs

Questions 12-14 (Appendix B) asked people to rate various camping types using 5-point Likert scales according to the likelihood of using a type of camping when or if the individual went camping at an Oregon State Park campground (1 = Not at all likely to 5 = Very likely), and to rate their perceived need for more of each type of camping near the individual's community (1 = Lowest priority need to 5 = Highest priority need).

3.1.1 Statewide Responses

For statewide reporting, both mean response and distribution of responses across response categories are provided in Table 3.1. Drive-in tent sites had the highest likelihood of use, while hiker-biker sites had the lowest likelihood of use. Similarly, drive-in tent sites had the highest priority need, while hiker-biker sites had the lowest priority need. Figure 3.1 shows that the majority are not at all likely to use RV sites or hiker-biker sites. Drive-in tent sites had the largest proportion of very likely responses from among the various types. Figure 3.2 shows the majority states the need for more RV sites to be of the least priority need, followed by hiker-biker sites. Drive-in tent sites had the largest proportion of the population stating that there is a highest priority need for this type of camping. The population mean scores for likelihood and

need are displayed on an XY scatter diagram (e.g., Figure 3.3). These figures show quadrants where likelihood and need are high; likelihood is high, but need is low; likelihood is low, but need is high; and likelihood and need are low. Figure 3.3 shows that drive-in tent sites have the highest likelihood and priority need, followed by cabins or yurts, hike-in tent sites, RV sites, and hiker-biker sites.

Table 3.1. Likelihood and Priority Need for Camping Type, Oregon

Camping Type	How likely to use camping type in state park*						Level of priority need for camping type near your community*					
	Mean	**1**	**2**	**3**	**4**	**5**	**Mean**	**1**	**2**	**3**	**4**	**5**
RV sites	2.2	55.2	10.5	9.7	5.7	18.9	2.7	52.8	12.5	18.7	7.1	9.0
Cabins or yurts w/ heat, lights	3.0	20.1	14.9	27.4	17.4	20.2	2.8	23.8	15.7	29.5	17.8	13.1
Cabins or yurts w/ heat, lights, bathroom, kitchen	3.0	23.2	15.6	23.7	17.1	20.3	2.7	26.7	18.6	25.1	17.4	12.3
Drive-in tent sites	3.8	12.8	6.3	15.5	19.4	45.9	3.3	16.3	11.7	26.1	21.7	24.3
Hike-in tent sites	2.7	29.9	18.9	20.2	15.3	15.7	2.8	25.8	17.4	26.0	16.2	14.6
Hiker-biker sites	2.0	50.6	20.7	13.8	8.5	6.4	2.3	38.1	18.7	24.4	9.5	9.3
Other type	2.7	50.9	5.2	3.6	5.4	34.9	2.7	43.3	7.0	16.0	5.5	28.2

* Means and Percentages for 5-point Likert Scale (1 = "Not at all likely" or "Lowest priority need" to 5 = "Very likely" or "Highest priority need")

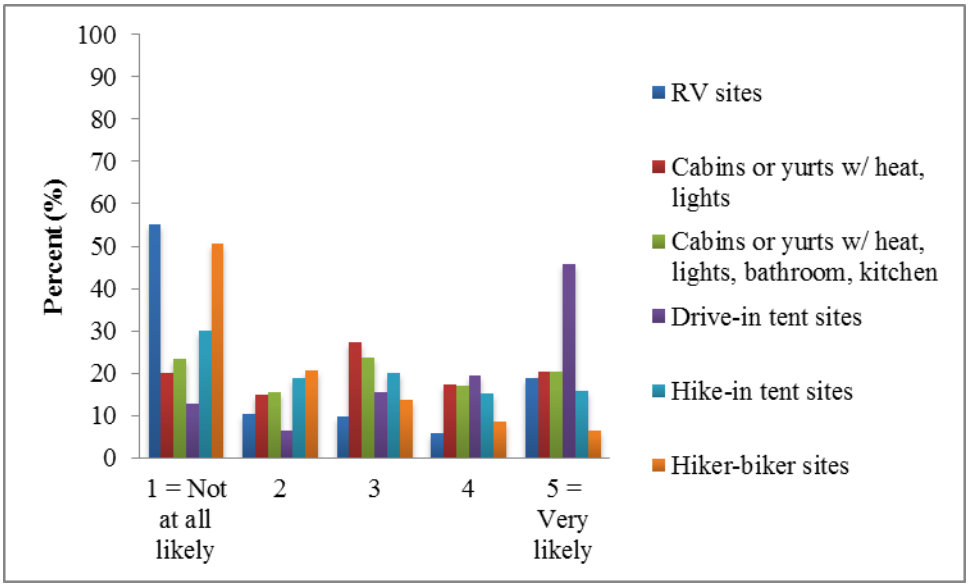

Figure 3.1. How Likely are You to Use This Type of Camping When or If You Wanted to Go Camping at an Oregon State Park? (Oregon)

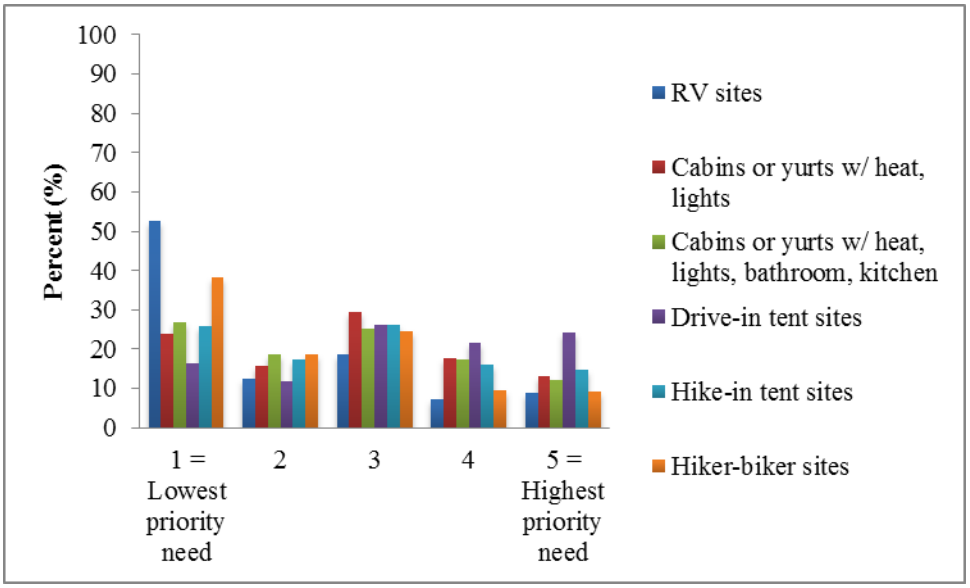

Figure 3.2. Is There a Need for More of This Type of Camping Near Your Community? (Oregon)

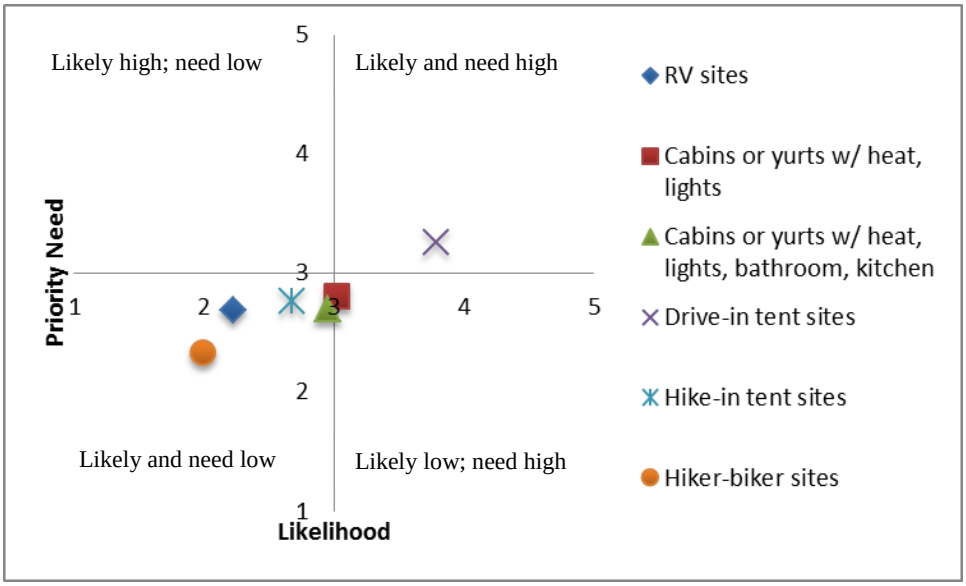

Figure 3.3. Residents' Camping Likelihood and Priority Need by Camping Type, Oregon

3.1.2 SCORP Region Responses

The general patterns of likelihood of use and priority need from statewide reporting are maintained when the data is disaggregated to SCORP regions. Tables 3.2 and 3.3 show that drive-in tent sites have the greatest likelihood of use and highest priority need. Residents of Regions 1, 2, 3, 5, and 7 state RV sites to be of the lowest priority, and Regions 4, 6, 7, 8, 9, 10, and 11 state hiker-biker sites to be the lowest priority.

Figures 3.4 through 3.9 provide graphs of likelihood of use versus priority need. Region 6 has the highest likelihood of use and priority need for RV sites, while Region 2 is the least on both (Figure 3.4). Regions 2 and 5 have the highest scores for cabins or yurts, while Regions 10 and 11 have the lowest scores (Figures 3.5 and 3.6). All regions show high likelihood of use and need for drive-in tent sites, with Region 2 being the highest among the regions (Figure 3.7). Hike-in tent sites and hiker-biker sites are relatively low scored (Figures 3.8 and 3.9).

Table 3.2. Likelihood of Using Camping Type at State Park, Oregon SCORP Regions—mean for 5-point Likert Scale (1 = "Not at all likely" to 5 = "Very likely")

Camping Type	SCORP Region										
	1	2	3	4	5	6	7	8	9*	10	11
RV sites	2.6	2.0	2.3	3.0	2.6	3.0	2.6	2.7	2.7	2.6	2.8
Cabins or yurts w/ heat, lights	3.0	3.1	2.9	2.8	3.1	2.7	2.6	2.6	2.6	2.5	2.5
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.9	3.0	2.9	2.7	3.0	2.9	2.7	2.6	2.6	2.6	2.7
Drive-in tent sites	3.5	3.9	3.7	3.2	3.7	3.3	3.4	3.6	3.6	3.2	3.1
Hike-in tent sites	2.6	2.8	2.6	2.3	2.6	2.4	2.6	2.5	2.4	2.7	2.2
Hiker-biker sites	2.0	2.0	1.9	1.7	1.9	1.8	2.1	1.9	1.9	2.0	1.9
Other	2.5	2.7	2.8	2.7	2.6	2.5	2.5	2.6	2.5	3.2	2.6

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

Table 3.3. Priority Need of Camping Type near Community, Oregon SCORP Regions—Mean for 5-Point Likert (1 = "Lowest priority need" to 5 = "Highest priority need")

Camping Type	SCORP Region										
	1	2	3	4	5	6	7	8	9*	10	11
RV sites	2.4	1.9	2.1	2.4	2.3	2.8	2.4	2.6	2.5	2.4	2.7
Cabins or yurts w/ heat, lights	3.0	2.8	2.9	2.9	3.1	2.7	2.5	2.7	2.7	2.6	2.5
Cabins or yurts w/ heat, lights, bathroom, kitchen	3.0	2.7	2.7	2.9	3.0	2.8	2.5	2.6	2.6	2.6	2.5
Drive-in tent sites	3.2	3.3	3.2	3.2	3.4	3.2	3.0	3.3	3.2	2.9	3.2
Hike-in tent sites	2.7	2.8	2.8	2.6	2.7	2.6	2.5	2.7	2.6	2.6	2.5
Hiker-biker sites	2.5	2.3	2.3	2.2	2.4	2.2	2.4	2.4	2.4	2.3	2.3
Other	2.6	2.6	2.9	2.7	2.7	2.6	2.4	2.6	2.5	3.0	2.4

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

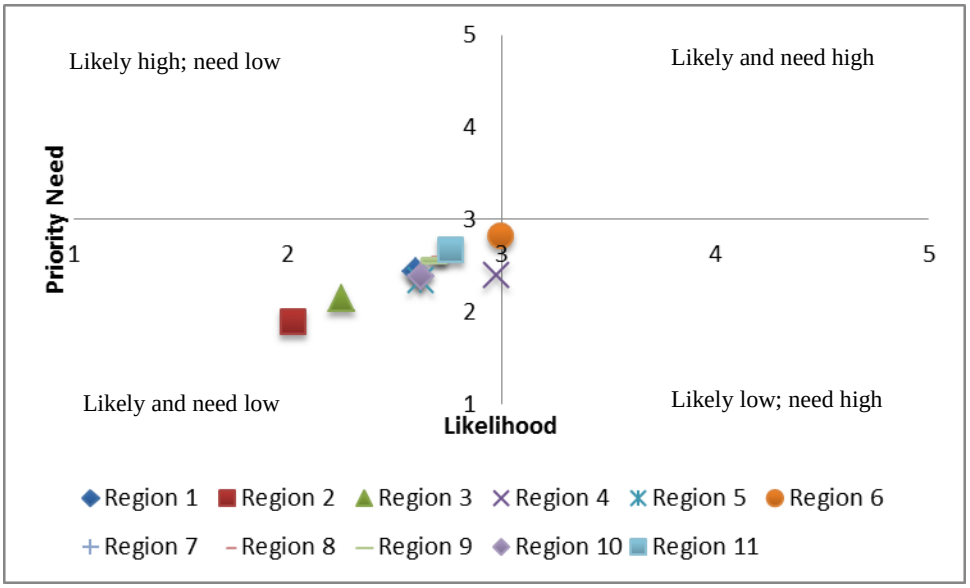

Figure 3.4. Residents' Camping Likelihood and Priority Need for RV Camping, Oregon SCORP Regions

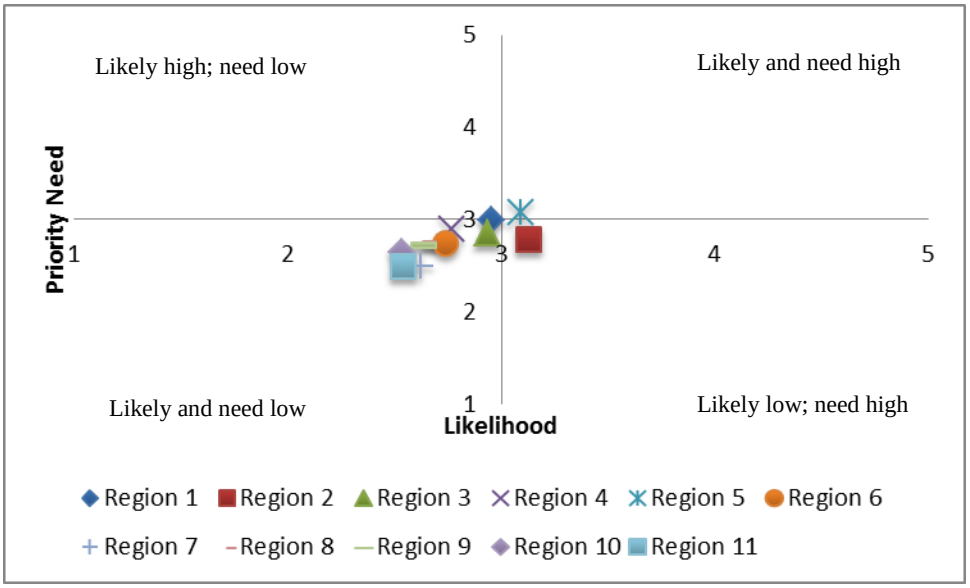

Figure 3.5. Residents' Camping Likelihood and Priority Need for Cabins or Yurts with Heat and Lights, Oregon SCORP Regions

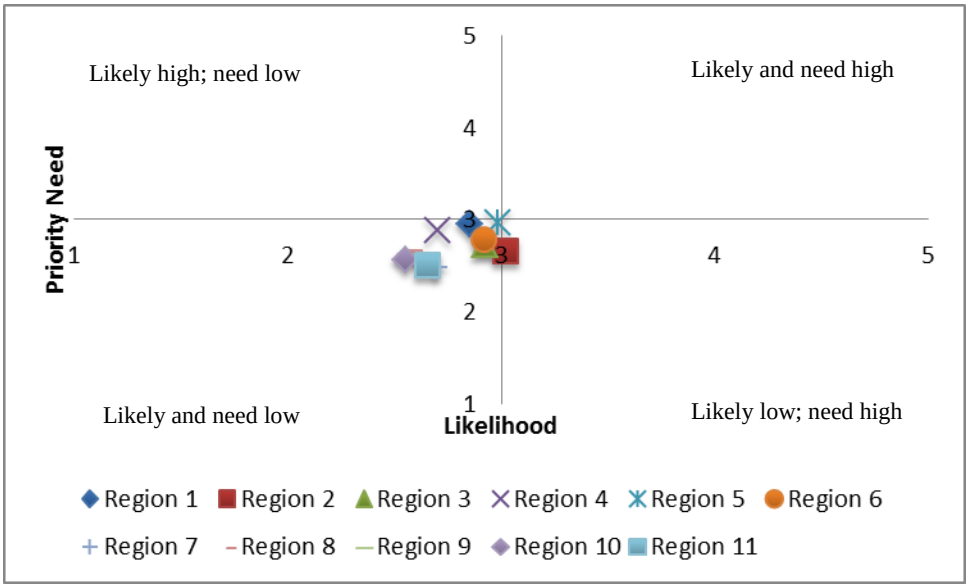

Figure 3.6. Residents' Camping Likelihood and Priority Need for Cabins or Yurts with Heat, Lights, Bathroom and Kitchen, Oregon SCORP Regions

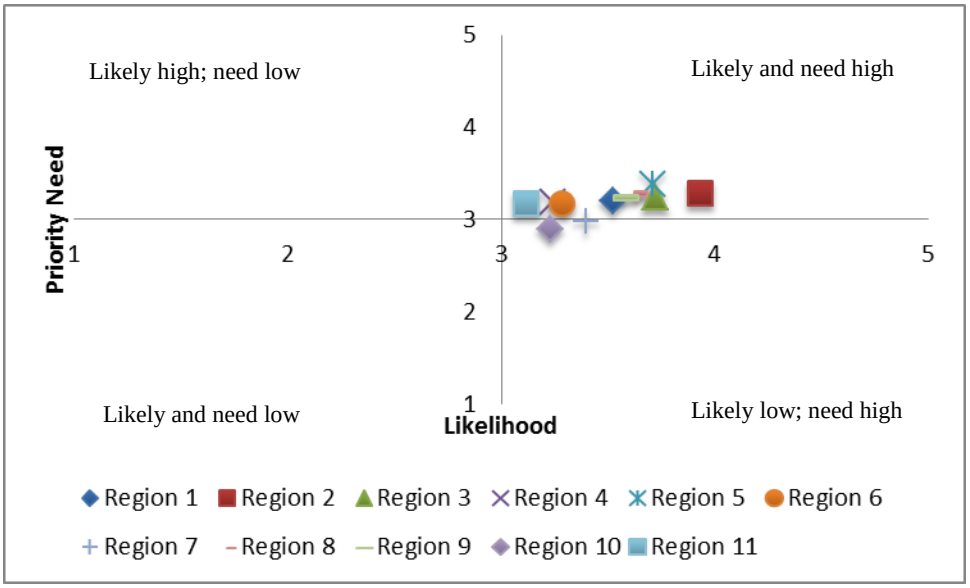

Figure 3.7. Residents' Camping Likelihood and Priority Need for Drive-in Tent Sites, Oregon SCORP Regions

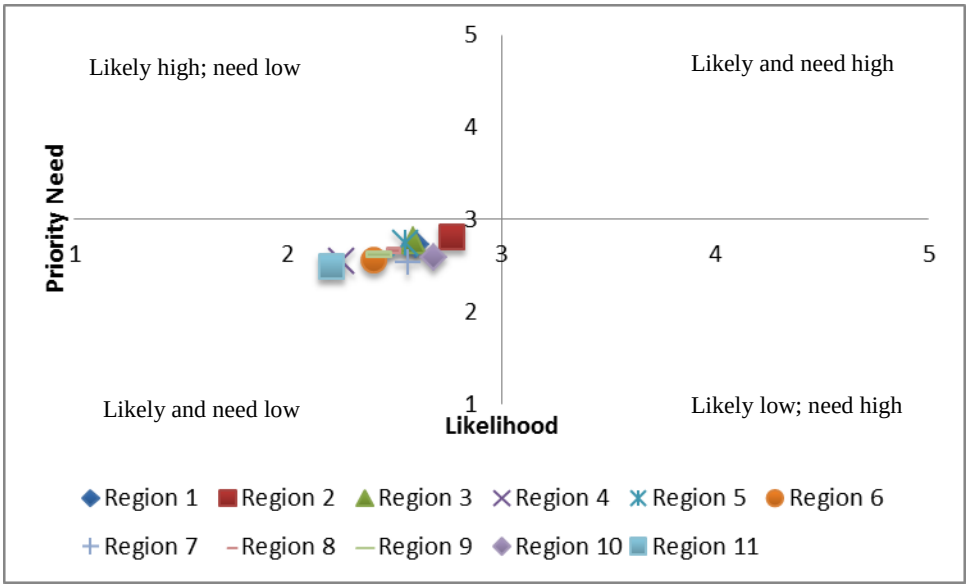

Figure 3.8. Residents' Camping Likelihood and Priority Need for Hike-in Tent Sites, Oregon SCORP Regions

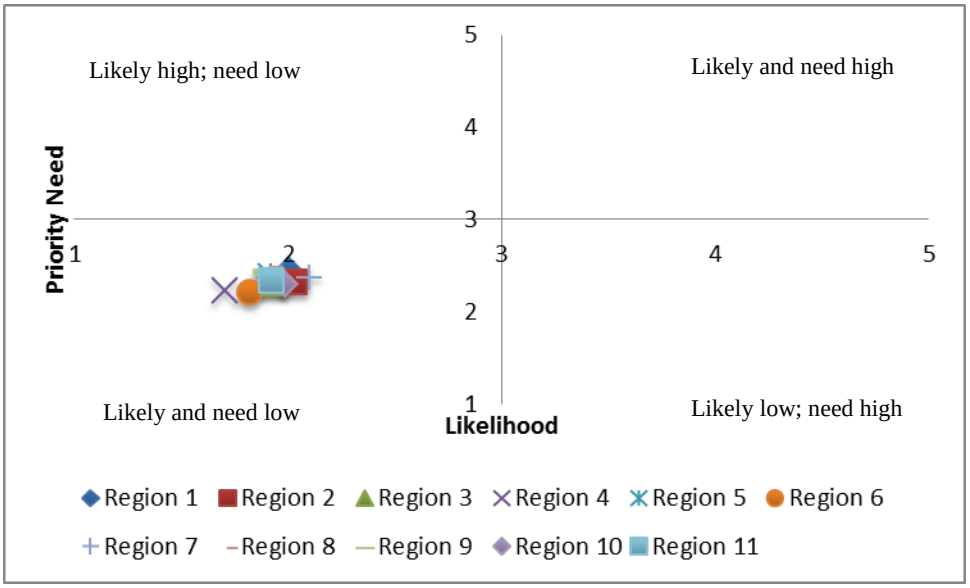

Figure 3.9. Residents' Camping Likelihood and Priority Need for Hiker-Biker Sites, Oregon SCORP Regions

3.1.3 County-Level Responses

Results for likelihood of use and priority need for camping types are further disaggregated to the county-level. Mean scores for the likelihood of use and priority need for camping types are provided in Appendix A, Tables 3 and 4, respectively. Figures 3.10 through 3.15 provide visual summaries for each camping type by displaying likelihood of use versus priority need.

For RV sites, Gilliam County and Umatilla County have the highest likelihood of use and priority need, whereas Multnomah County and Benton County have the lowest (Figure 3.10). For cabins or yurts with heat and lights, Douglas County and Jackson express the highest likelihood of use and priority need, whereas Crook County and Harney County have the lowest (Figure 3.11). For cabins or yurts with heat, lights, bathroom and kitchen, Douglas County expresses the highest likelihood of use and priority need, whereas Sherman County the lowest (Figure 3.12). For drive-in tent sites, Benton County and Multnomah County have the highest likelihood of use and priority need, whereas Wallowa County has the lowest (Figure 3.13). For hike-in tent sites, Benton County and Multnomah County have the highest likelihood of use and priority need, whereas Gilliam County has the lowest (Figure 3.14). And for hiker-biker sites, while all counties rated it low on both accounts (Figure 3.15), Benton County and Hood River County rated them the highest in likelihood of use and priority need.

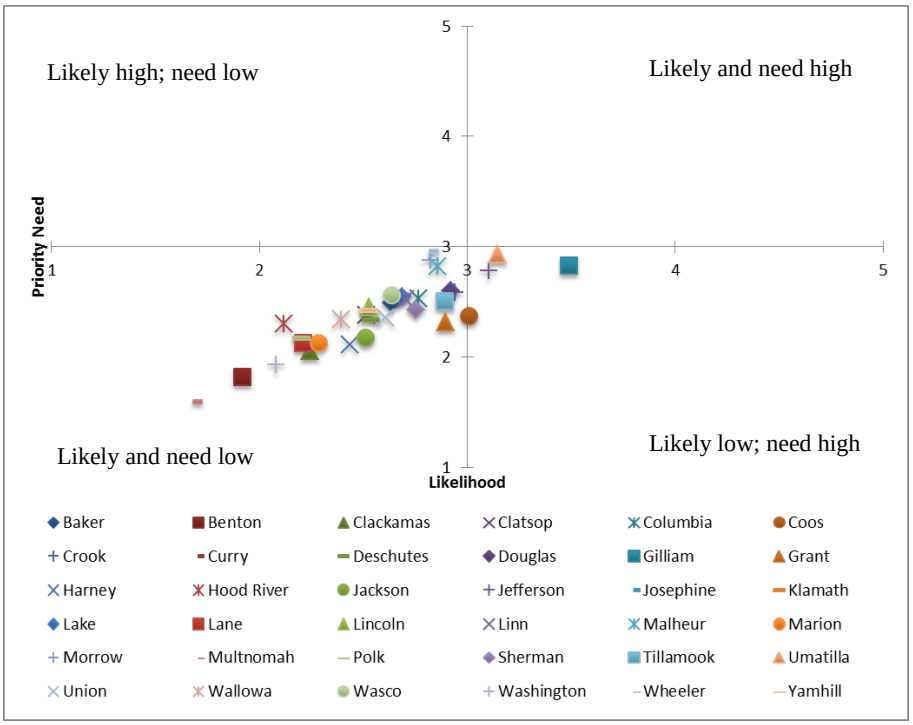

Figure 3.10. Residents' Camping Likelihood and Priority Need for RV Camping, Oregon Counties

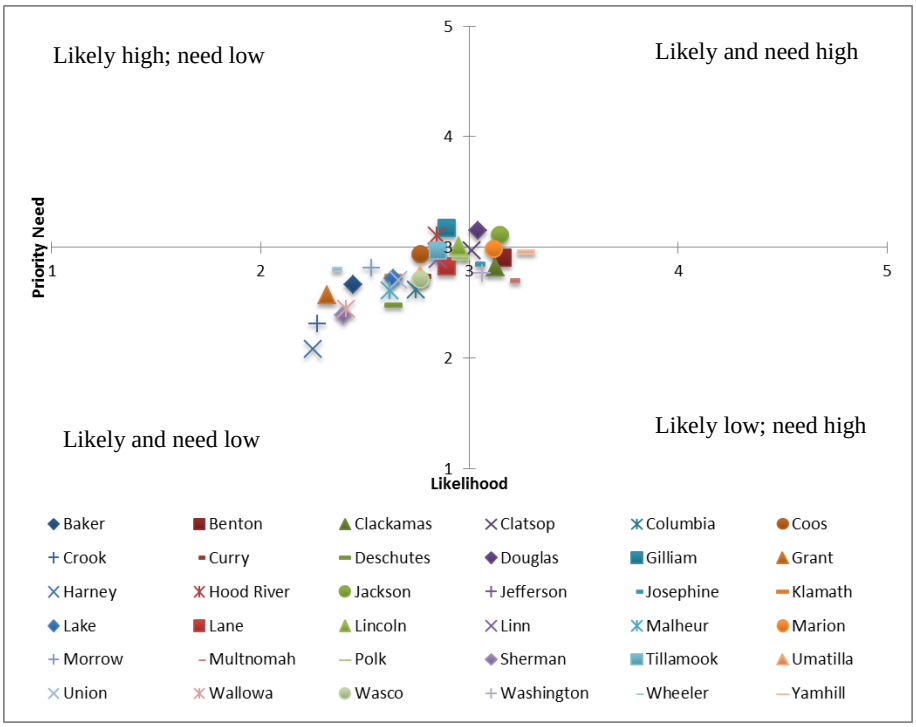

Figure 3.11. Residents' Camping Likelihood and Priority Need for Cabins or Yurts with Heat and Lights, Oregon Counties

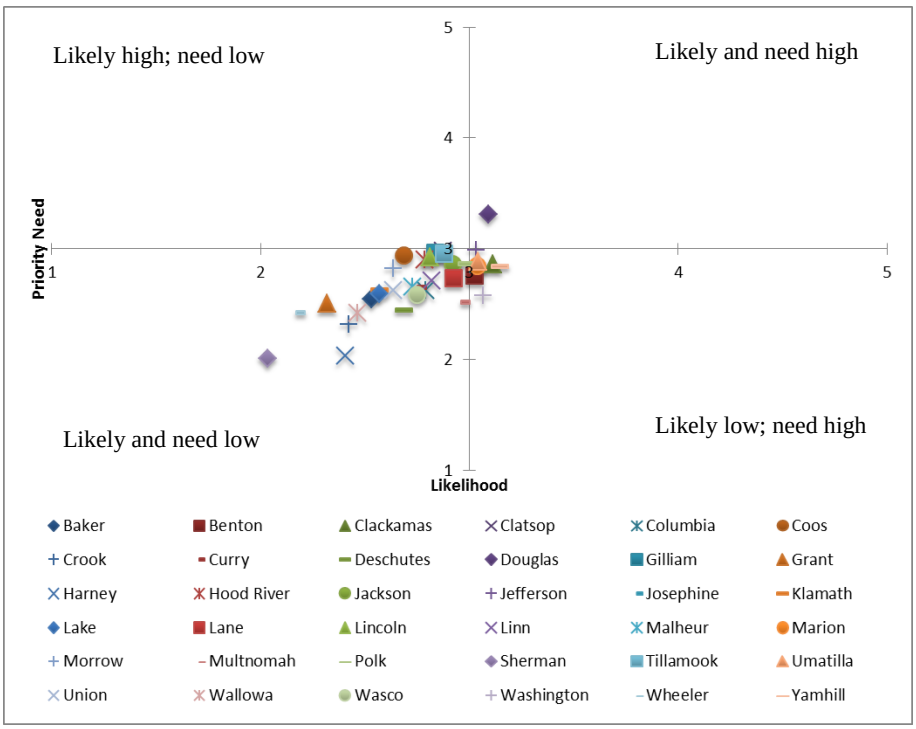

Figure 3.12. Residents' Camping Likelihood and Priority Need for Cabins or Yurts with Heat, Lights, Bathroom and Kitchen, Oregon Counties

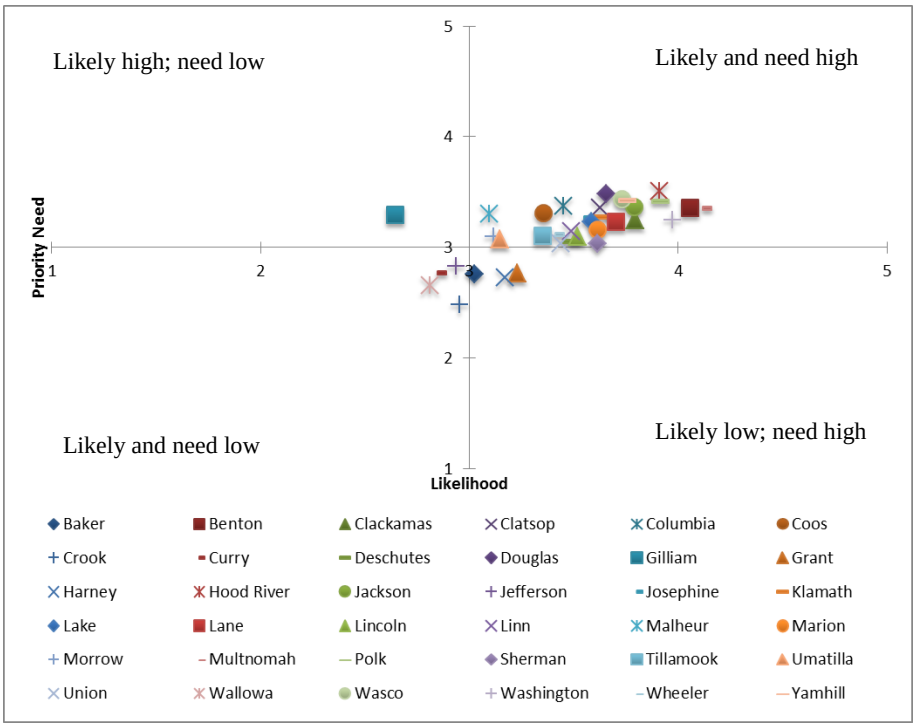

Figure 3.13. Residents' Camping Likelihood and Priority Need for Drive-in Tent Sites, Oregon Counties

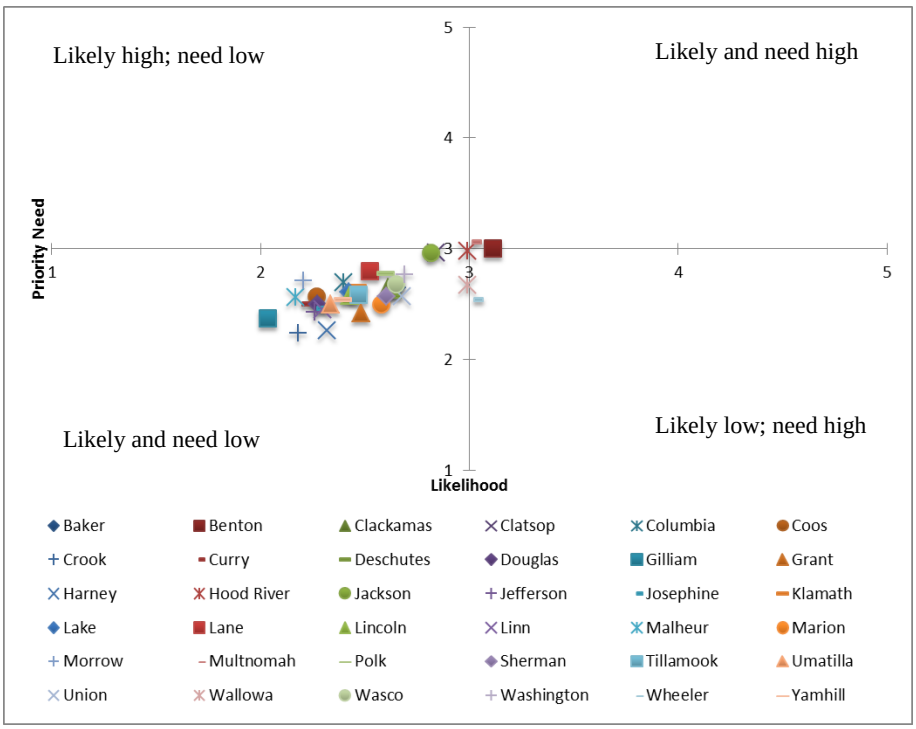

Figure 3.14. Residents' Camping Likelihood and Priority Need for Hike-in Tent Sites, Oregon Counties

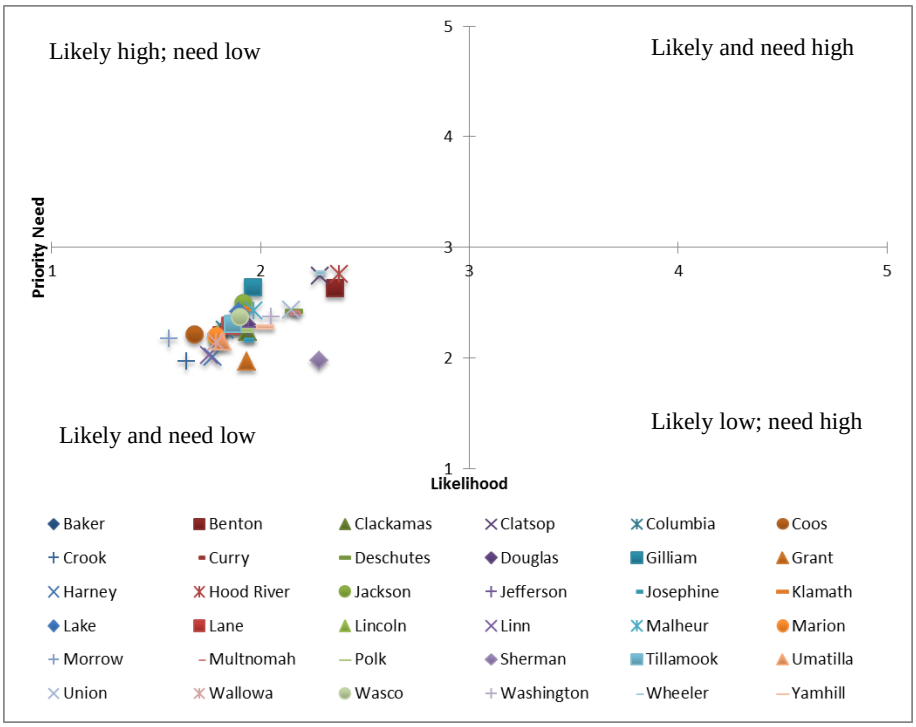

Figure 3.15. Residents' Camping Likelihood and Priority Need for Hiker-Biker Sites, Oregon Counties

3.2 Priorities for the Future

Question 15 (Appendix B) asked participants about their opinions on priorities for the future in and near their community. Respondents were asked to rate several items for investment by park and forest agencies using a 5-point Likert scale (1 = Lowest priority need to 5 = Highest priority need). Items were developed by the steering committee, representing several municipal-type areas and beyond.

3.2.1 Statewide Responses

Table 3.4 reports statewide results, with items listed in descending order of mean priority ratings. Distribution of responses across response categories are consistent with the mean scores (see Figure 3.16). The top priority needs for Oregonians are soft surface walking trails, access to waterways and nature and wildlife viewing areas. Playgrounds with natural materials (Natural Play Areas), picnic areas for small groups, and off-street bicycle trails rated high as well. Tennis and basketball courts, and baseball / softball fields rated the lowest on priority investments.

Table 3.4. Priorities for the Future, What Park and Forest Agencies Should Invest In, Oregon—Mean and Percentage For 5-Point Likert (1 = "Lowest priority need" to 5 = "Highest priority need")—ordered by mean

Item	Mean	Percent				
		1	2	3	4	5
Dirt / other soft surface walking trails and paths	3.8	3.8	7.8	24.1	36.5	27.7
Public access sites to waterways	3.5	8.5	11.9	25.3	27.0	27.3
Nature and wildlife viewing areas	3.4	7.6	13.7	30.3	28.1	20.4
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	3.3	12.9	11.6	25.3	28.7	21.4
Picnic areas and shelters for small visitor groups	3.3	7.5	11.3	36.4	32.5	12.2
Off-street bicycle trails and pathways	3.3	13.3	14.3	24.6	24.3	23.5
Paved / hard surface walking trails and paths	3.0	15.6	19.2	28.5	23.4	13.4
Community gardens	3.0	17.9	18.0	24.8	20.9	18.4
Off-leash dog areas	3.0	21.4	15.8	23.8	19.2	19.7
Children's playgrounds and play areas built with manufactured structures like swing sets, slides, and climbing apparatuses	2.8	20.7	20.0	28.7	20.3	10.2
Picnic areas and shelters for large visitor groups	2.8	13.8	23.2	36.7	18.5	7.7
Designated paddling routes for canoes, kayaks, rafts, driftboats	2.8	20.6	18.2	28.2	21.5	11.4
Multi-use fields for soccer, football, lacrosse, etc.	2.7	20.3	21.8	30.2	18.4	9.2
Off-highway vehicle trails / areas	2.5	36.0	19.8	18.0	12.8	13.4
Baseball / softball fields	2.4	26.9	26.2	28.5	13.0	5.5
Basketball courts	2.4	29.9	24.7	27.7	11.7	6.0
Outdoor tennis courts	2.2	33.4	29.3	22.8	9.8	4.6

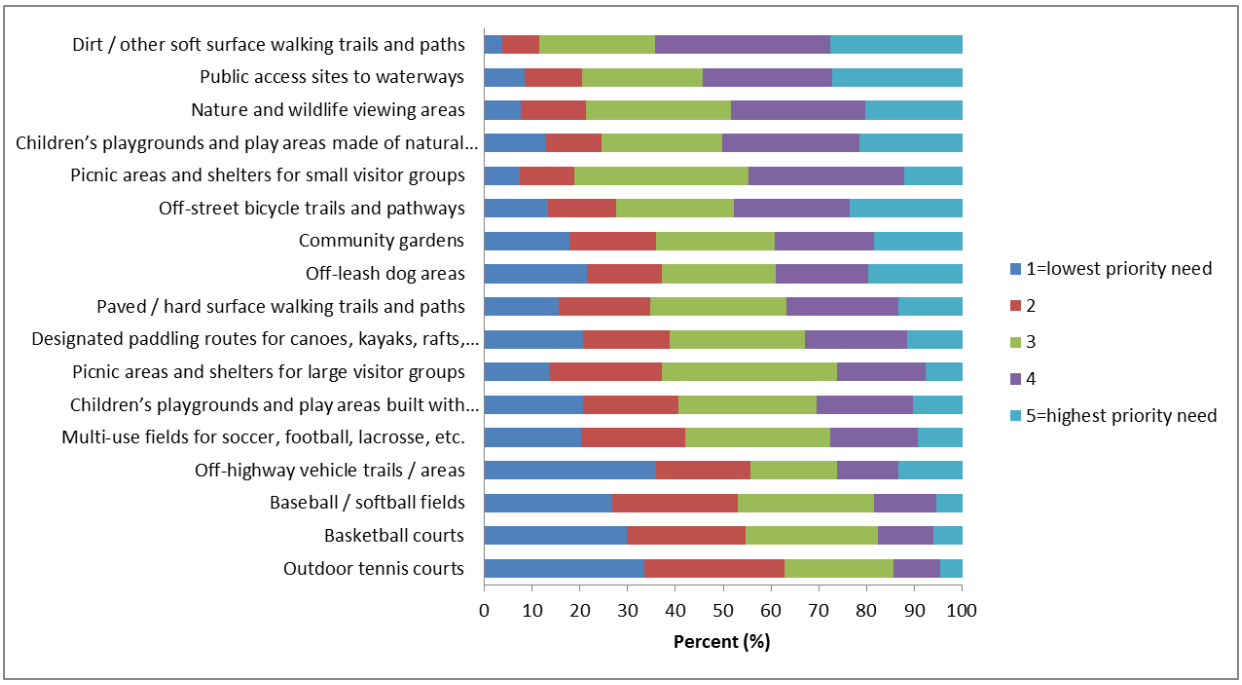

Figure 3.16. Response Category Distributions for Highest Priority Needs, Oregon.

3.2.2 SCORP Region Responses

Table 3.5 reports results on the SCORP regional scale about residents' opinions about future investments. Consistent with the statewide results, the rank-order of items based on mean scores show uniform support for investments in soft surface walking trails and access to public waterways as highest priorities, while investments in tennis and basketball courts being the lowest priorities.

3.2.3 County Responses

County-level results are provided in Appendix Table 5. The general pattern of highest priority for soft surface trails and access to public waterways and lowest priority for tennis and basketball courts holds at the county scale as well.

Table 3.5. Priorities for the Future, What Park and Forest Agencies Should Invest In, Oregon SCORP Regions—Mean For 5-Point Likert (1 = "Lowest priority need" to 5 = "Highest priority need")

Item	SCORP Region										
	1	2	3	4	5	6	7	8	9*	10	11
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	3.3	3.4	3.3	3.3	3.4	3.3	3.1	3.4	3.3	3.1	3.2
Children's playgrounds and play areas built with manufactured structures like swing sets, slides, and climbing apparatuses	2.7	2.8	2.8	2.8	2.7	3.0	2.7	2.8	2.8	2.6	2.7
Picnic areas and shelters for small visitor groups	3.4	3.3	3.2	3.4	3.4	3.5	3.2	3.2	3.2	3.1	3.3
Picnic areas and shelters for large visitor groups	2.9	2.8	2.8	3.1	3.0	3.1	2.7	2.9	2.9	2.7	3.0
Paved / hard surface walking trails and paths	3.1	3.1	2.9	2.9	2.9	3.1	2.8	2.7	2.7	2.7	2.8
Dirt / other soft surface walking trails and paths	3.7	3.8	3.8	3.6	3.8	3.7	3.6	3.6	3.6	3.4	3.6
Off-street bicycle trails and pathways	3.3	3.4	3.2	3.2	3.3	3.1	3.2	3.2	3.2	3.0	2.9
Community gardens	3.0	3.1	2.9	2.9	3.2	2.7	2.9	3.0	2.9	2.6	2.8
Nature and wildlife viewing areas	3.5	3.4	3.4	3.3	3.5	3.2	3.1	3.4	3.3	3.0	3.3
Multi-use fields for soccer, football, lacrosse, etc.	2.6	2.8	2.6	2.6	2.7	2.7	2.6	2.7	2.6	2.5	2.8
Baseball / softball fields	2.5	2.5	2.4	2.4	2.4	2.5	2.4	2.5	2.5	2.3	2.7
Outdoor tennis courts	2.1	2.3	2.1	2.1	2.2	2.2	2.1	2.3	2.2	2.0	2.4
Basketball courts	2.3	2.4	2.4	2.3	2.3	2.5	2.3	2.4	2.4	2.2	2.5
Off-leash dog areas	3.0	3.1	2.9	3.1	3.0	2.7	3.0	3.1	3.0	2.8	2.7
Designated paddling routes for canoes, kayaks, rafts, driftboats	2.9	2.9	2.8	2.7	2.7	2.7	2.9	2.9	2.8	2.4	2.4
Public access sites to waterways	3.6	3.5	3.6	3.7	3.7	3.6	3.5	3.8	3.7	3.5	3.4
Off-highway vehicle trails / areas	2.5	2.3	2.5	3.1	2.7	3.2	2.5	3.0	3.0	3.4	3.1

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

3.3 Participation in Educational and Recreational Programs

In order to gauge residents' uses of educational and recreational programs, respondents were asked in Question 16 (Appendix B) to select program types that they or a household member had participated in and which were sponsored by local, state, or federal recreation providers. The program types include organized outdoor recreation program, historical program, other guided or ranger-led program, other types of programs, or no participation in educational or recreational programs. Response categories are not mutually exclusive except for no participation in programs versus participation in at least one program.

3.3.1 Statewide and SCORP Region Responses

Figure 3.17 and Table 3.6 provide results for statewide and SCORP regional scales. Fewer than 15% of Oregonians participate in each program type, with other recreation programs (e.g., special events, excursions, concerts, etc.) having the highest participation at 14.4% and organized outdoor recreation (e.g., hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.) the lowest participation at 9%. About 70% of Oregonians state they do not participate in these types of educational and recreational programs.

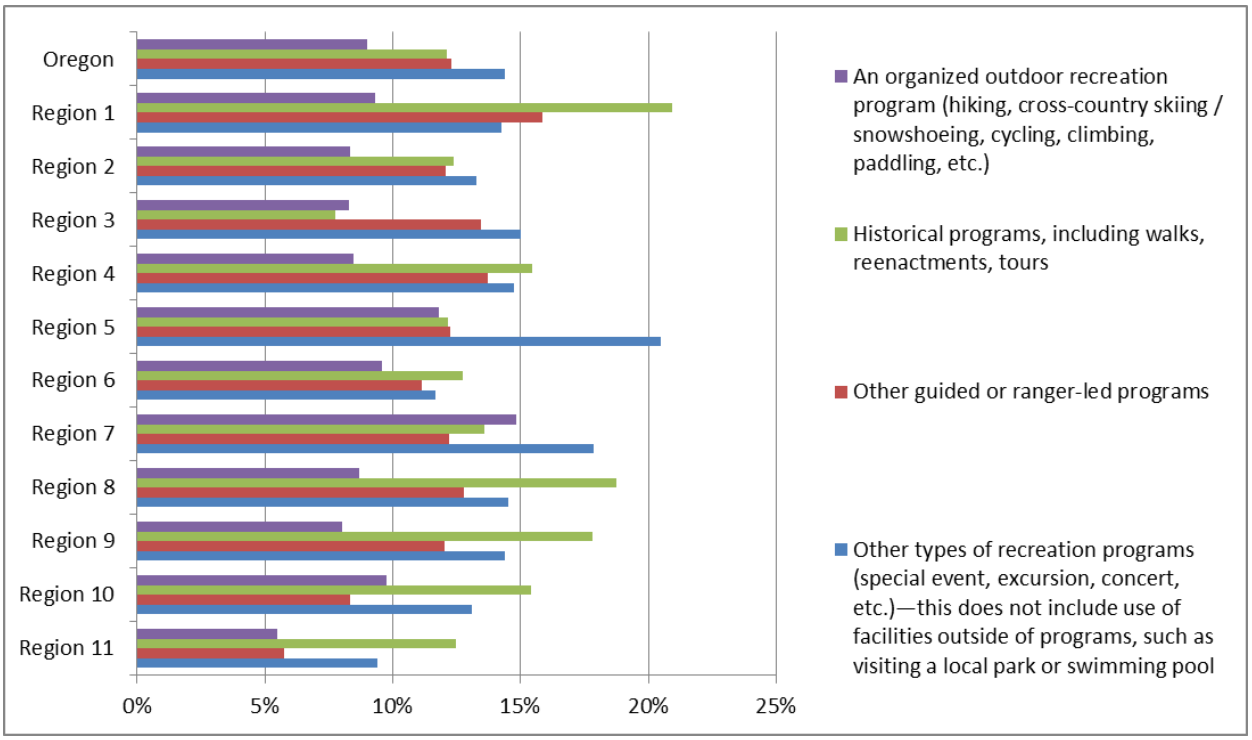

Figure 3.17. Participation in Education / Recreation Programs by Oregon Residents, Oregon and SCORP Regions, 2011

Results based on SCORP regions vary substantially across regions. A low of 62% of Region 1 residents do not participate in these types of programs, to a high of over 79% of Region 11 residents. Regions 1, 6, 8, 9, 10, and 11 have a greater proportion of residents that participate in

historical programs, while the remaining Regions (i.e., Regions 2, 3, 4, 5, and 7) have a greater proportion of residents participating in other types of recreation programs.

Table 3.6. Participation in 2011 Education / Recreation Programs Sponsored by Local, State, or Federal Recreation Provider, Oregon and SCORP Regions—Frequencies (% participation)

Item	State	SCORP Region										
		1	2	3	4	5	6	7	8	9*	10	11
An organized outdoor recreation program (hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.)	9.0	9.3	8.3	8.3	8.5	11.8	9.6	14.8	8.7	8.0	9.8	5.5
Historical programs, including walks, reenactments, tours	12.1	20.9	12.4	7.7	15.5	12.1	12.7	13.6	18.8	17.8	15.4	12.5
Other guided or ranger-led programs	12.3	15.9	12.1	13.5	13.7	12.3	11.1	12.2	12.8	12.0	8.3	5.7
Other types of recreation programs (special event, excursion, concert, etc.)—this does not include use of facilities outside of programs, such as visiting a local park or swimming pool	14.4	14.2	13.3	15.0	14.7	20.5	11.7	17.9	14.5	14.4	13.1	9.4
No programs of this type	69.4	62.1	70.4	70.6	68.2	64.8	74.2	63.1	65.1	66.9	69.2	79.4

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

3.3.2 County Responses

Similar to regional variation in participation rates in educational and recreational programs, county-level results vary greatly across counties. Appendix Table 6 provides results for counties. Malheur County and Harney County have the highest proportion of residents that do not participate in educational and recreational programs at over 79%, whereas Clatsop County has the lowest proportion of residents not participating in some type of program at 52%.

Participation in organized outdoor recreation programs is highest for Deschutes County (17%) and lowest in Wheeler County (0%). Participation in historical programs is highest in Clatsop County (33%) and lowest in Lane County (6%). Participation in other guided or ranger-led programs is highest in Clatsop County (20%) and Josephine County (20%), and lowest in Harney County (6%). Participation in other types of recreation programs is highest in Josephine County (31%) and lowest in Wheeler County (2%).

3.4 Value and Delivery for Benefits of Parks and Recreation Services

Oregon residents that participated in outdoor recreation activities were also asked their opinions relating to the benefits provided by park and recreation agencies (Question 17, Appendix B). First, respondents were asked to rate each benefit type based on how valued it is using a 5-point Likert scale (1 = Least valued to 5 = Most valued). Next, they were asked to rate how well park and recreation agencies are currently delivering each benefit type using a similar scale (1 = Currently does not deliver at all to 5 = Currently delivers extremely well). Results are reported in tabular form and as XY scatter plots that directly compare valued vs. delivered mean responses. Again, the XY scatter plot quadrants are correspondingly labeled as value and delivery high; value high, delivery low; value low, delivery high; and value and delivery low.

3.4.1 Statewide Responses

Figure 3.18 shows the distribution of responses for each benefit type across all response categories according to perceived value intensity. Distributions of responses are skewed toward the highest ranking of most valued, with preserving open space, improving physical health, and making communities more desirable having a majority rating them as most valued.

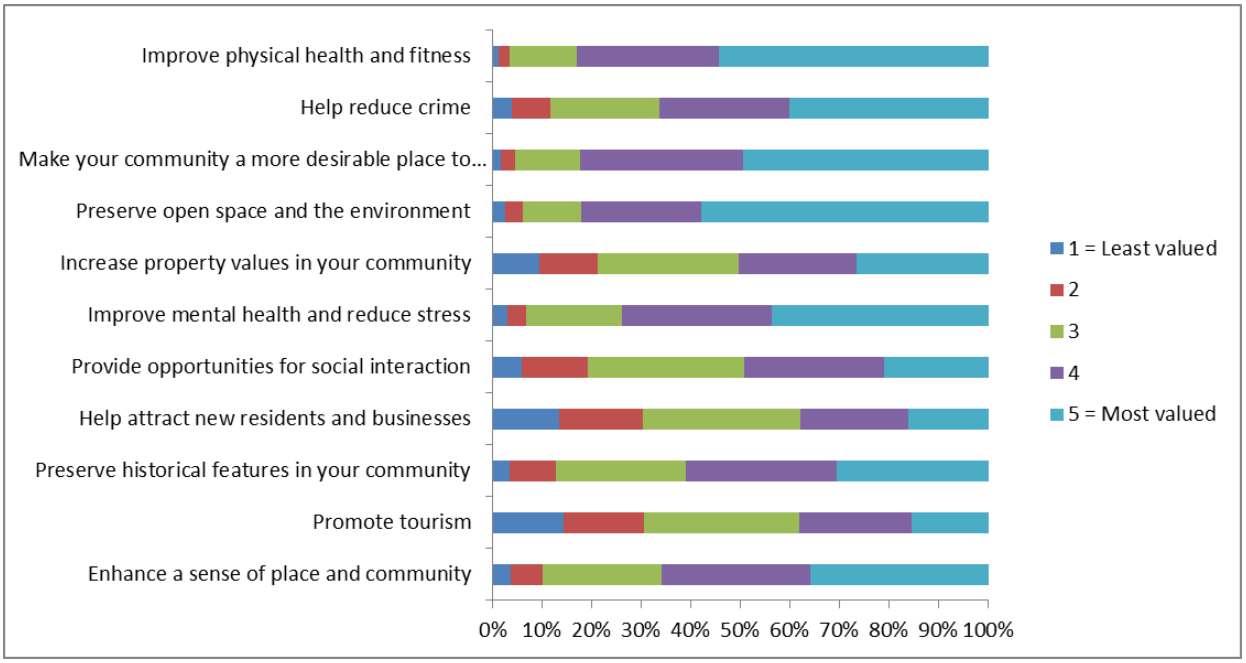

Figure 3.18. How Much Do You Value This Benefit Type of Parks and Recreation Services?

Figure 3.19 shows the distribution of responses across response categories for each benefit type according to how well they are being delivered by park and recreation agencies. The distribution of how well benefits are delivered is normally shaped, with the largest response category being moderate delivery. Across all benefit types the distributions are quite similar for each response category.

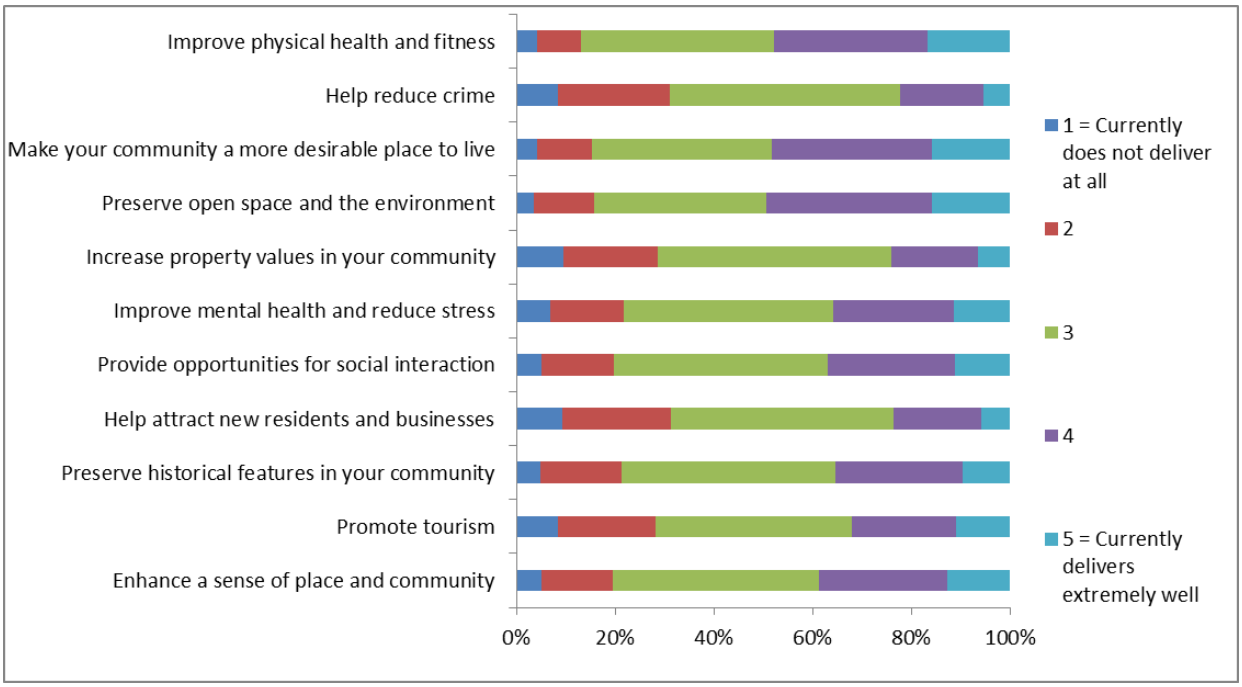

Figure 3.19. How Well are Parks and Recreation Agencies in Your Local Community Delivering Each Benefit Type?

Figure 3.20 shows improve physical health, community desirability, and preserve open space rate the highest on value and delivery. Help attract new residents / businesses and promoting tourism are least well delivered. Table 3.7 provides full details for statewide results.

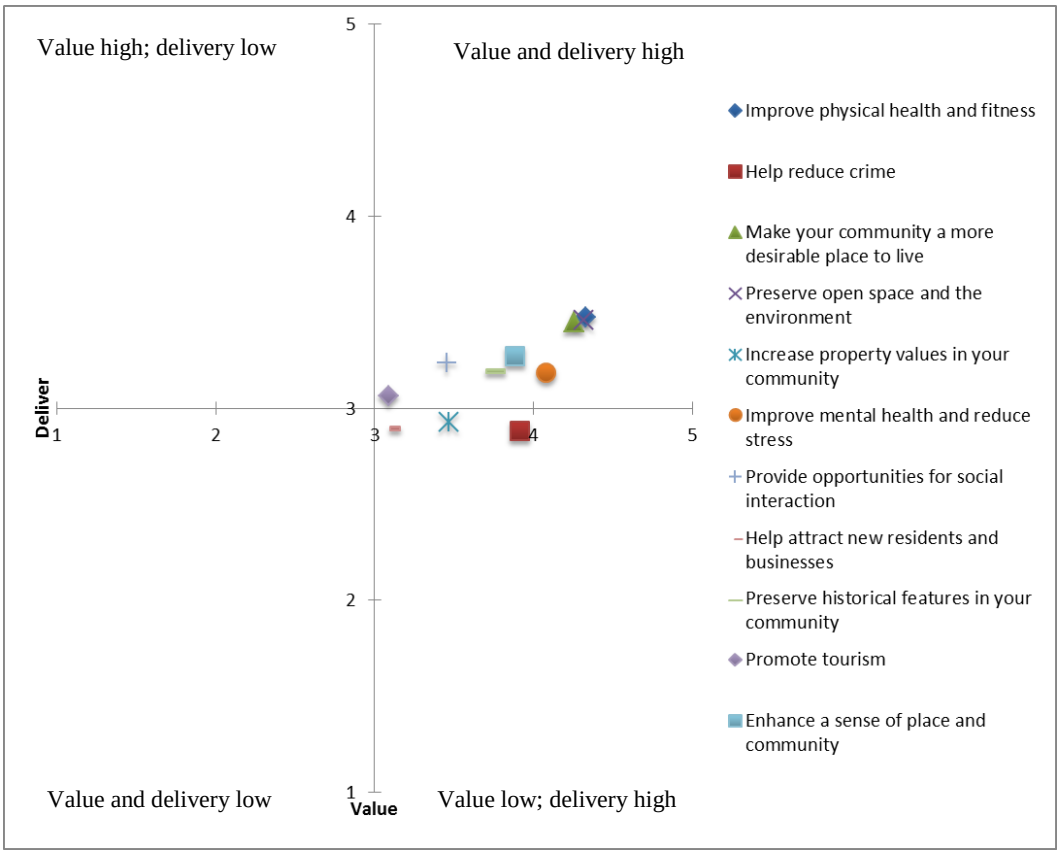

Figure 3.20. Residents' Value For and Perceived Delivery of Benefit Types from Parks and Recreation Services, Oregon

Table 3.7. Value and Delivery for Benefits of Parks and Recreation Services, Oregon*

Benefit	Valued						Delivered					
	Mean	**1**	**2**	**3**	**4**	**5**	**Mean**	**1**	**2**	**3**	**4**	**5**
Improve physical health and fitness	4.3	1.2	2.2	13.5	28.7	54.4	3.5	4.1	8.9	39.1	31.2	16.7
Help reduce crime	3.9	3.7	7.9	21.9	26.3	40.2	2.9	8.2	22.7	46.9	16.9	5.3
Make your community a more desirable place to live	4.3	1.7	2.7	13.2	33.0	49.4	3.4	4.2	11.0	36.5	32.4	15.9
Preserve open space and the environment	4.3	2.5	3.6	11.6	24.2	58.0	3.5	3.5	12.3	34.9	33.6	15.7
Increase property values in your community	3.5	9.3	11.9	28.4	23.9	26.6	2.9	9.4	19.2	47.3	17.6	6.5
Improve mental health and reduce stress	4.1	2.9	3.7	19.4	30.3	43.7	3.2	6.7	15.0	42.4	24.5	11.4
Provide opportunities for social interaction	3.5	5.7	13.3	31.7	28.2	21.1	3.2	5.0	14.7	43.2	25.8	11.2
Help attract new residents and businesses	3.1	13.3	17.0	31.8	21.8	16.1	2.9	9.2	21.9	45.2	17.9	5.8
Preserve historical features in your community	3.8	3.3	9.3	26.3	30.6	30.6	3.2	4.7	16.6	43.2	25.9	9.6
Promote tourism	3.1	14.3	16.0	31.5	22.7	15.5	3.1	8.3	19.9	39.7	21.2	10.9
Enhance a sense of place and community	3.9	3.6	6.4	24.1	30.0	35.9	3.3	5.0	14.4	41.8	26.1	12.8

* Mean and Percentage for 5-Point Likert Scale (1 = “Least valued” or “Currently does not deliver at all” to 5 = “Most valued” or “Currently delivers extremely well”)

3.4.2 SCORP Region Responses

Results to opinions about value for and delivery of benefits by park and recreation agencies at the SCORP regional scale were similar to the statewide results. Ranging from a mean score of 4.2 to 4.4 on the 5-point scale, improving physical health, community desirability, and preserve open space rated the highest valued across regions (Table 3.8). Lowest valued benefits across regions include increase property values, provide for social interaction, help attract new residents / businesses, and promote tourism (Table 3.8). Thus, in general, individual, community and environmental health have the greatest value, whereas economic benefits rate lowest.

Table 3.8. Value For Benefits of Parks and Recreation Services, Oregon SCORP Regions—Mean for 5-point Likert (1 = "Least valued" to 5 = "Most valued")

Benefit	SCORP Region										
	1	2	3	4	5	6	7	8	9*	10	11
Improve physical health and fitness	4.3	4.4	4.3	4.2	4.3	4.2	4.3	4.3	4.3	4.2	4.2
Help reduce crime	3.9	3.9	3.9	3.8	4.0	4.0	3.9	3.9	3.9	3.7	4.0
Make your community a more desirable place to live	4.2	4.3	4.1	4.2	4.3	4.2	4.3	4.2	4.2	4.1	4.2
Preserve open space and the environment	4.2	4.4	4.3	3.9	4.2	3.9	4.2	4.1	4.0	4.0	4.0
Increase property values in your community	3.4	3.5	3.3	3.4	3.4	3.5	3.7	3.5	3.4	3.3	3.5
Improve mental health and reduce stress	4.1	4.1	4.1	3.9	4.1	3.9	4.1	4.0	4.0	3.9	3.9
Provide opportunities for social interaction	3.4	3.4	3.5	3.4	3.5	3.4	3.5	3.4	3.4	3.3	3.5
Help attract new residents and businesses	3.3	3.0	3.1	3.5	3.1	3.5	3.3	3.5	3.5	3.3	3.6
Preserve historical features in your community	4.0	3.7	3.8	3.7	3.8	3.7	3.8	3.8	3.8	3.9	3.9
Promote tourism	3.6	2.9	3.1	3.7	3.4	3.4	3.4	3.5	3.5	3.4	3.5
Enhance a sense of place and community	3.9	3.9	3.8	3.8	3.9	3.8	4.0	3.7	3.8	3.8	3.8

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

Table 3.9 reports mean scores for how well park and recreation agencies are delivering each benefit type. In general, regional residents state improve physical health, preserve open space, and preserve historical features are delivered above average, with some variability across regions. Regional residents also believe that park and recreation agencies are not delivering well on helping reduce crime, increasing property values, or helping attract new residents / businesses.

Table 3.9. Delivery of Benefits of Parks and Recreation Services, Oregon SCORP Regions—Mean for 5-Point Likert (1 = "Currently does not deliver at all" to 5 = "Currently delivers extremely well")

Benefit	SCORP Region										
	1	2	3	4	5	6	7	8	9*	10	11
Improve physical health and fitness	3.4	3.5	3.5	3.1	3.4	3.3	3.9	3.2	3.1	3.0	2.7
Help reduce crime	2.8	2.9	2.9	2.7	2.9	2.8	3.1	2.5	2.5	2.7	2.7
Make your community a more desirable place to live	3.4	3.5	3.4	3.1	3.4	3.1	3.9	2.9	2.8	3.1	2.8
Preserve open space and the environment	3.5	3.5	3.5	3.4	3.5	3.1	3.6	3.1	3.1	3.2	2.9
Increase property values in your community	2.9	3.0	2.9	2.7	2.9	2.7	3.1	2.5	2.4	2.6	2.3
Improve mental health and reduce stress	3.2	3.2	3.2	3.0	3.3	2.8	3.4	2.8	2.8	2.9	2.6
Provide opportunities for social interaction	3.1	3.2	3.3	3.0	3.3	3.0	3.6	2.9	2.8	3.0	2.7
Help attract new residents and businesses	2.9	2.9	2.8	2.6	2.9	2.6	3.3	2.5	2.4	2.5	2.2
Preserve historical features in your community	3.5	3.2	3.2	3.2	3.3	3.1	3.4	3.2	3.1	3.3	2.7
Promote tourism	3.7	3.0	3.1	3.2	3.3	2.9	3.7	2.8	2.8	3.1	2.5
Enhance a sense of place and community	3.3	3.3	3.2	3.0	3.3	3.0	3.6	2.7	2.7	3.0	2.5

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

Figures 3.21 through 3.31 display the intersection of mean scores for value of and delivery of park and recreation benefits. In general, all benefit types rated relatively high on value for each region, with the exception of promoting tourism for Regions 2 and 3 (Figure 3.30). Results across regions show park and recreation agencies are perceived have some variability in delivery of each benefit type. For example, in Figure 3.21 Region 7 rates delivery of improve physical health relatively high, while Region 11 rates it relatively low. The general pattern of these two regions holds across the majority of benefit types.

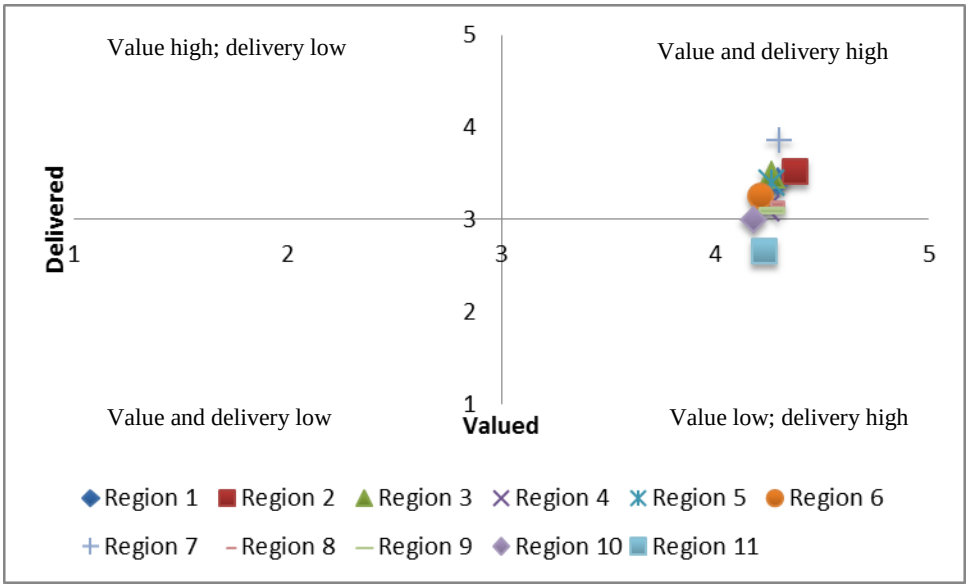

Figure 3.21. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Improve Physical Health and Fitness," Oregon SCORP Regions

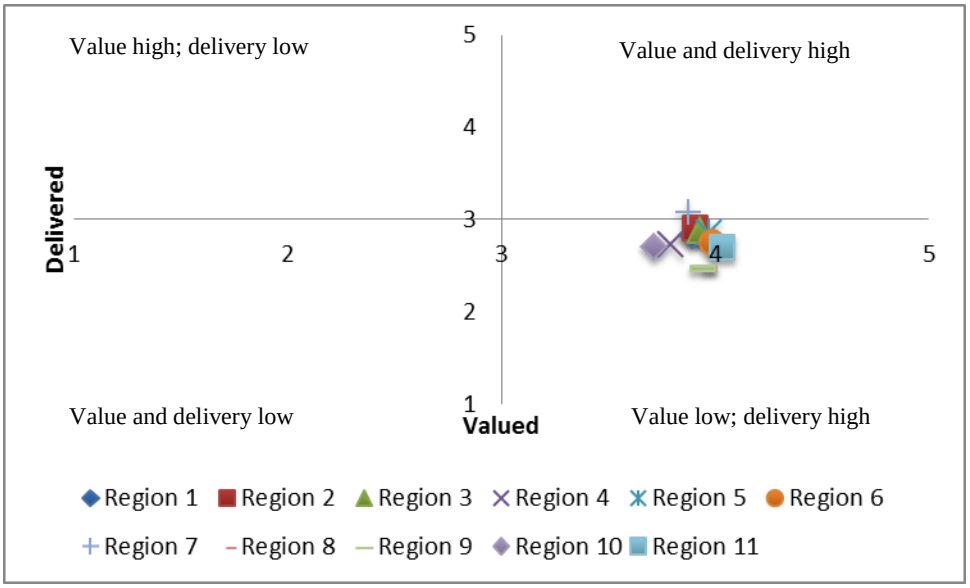

Figure 3.22. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Help Reduce Crime," Oregon SCORP Regions

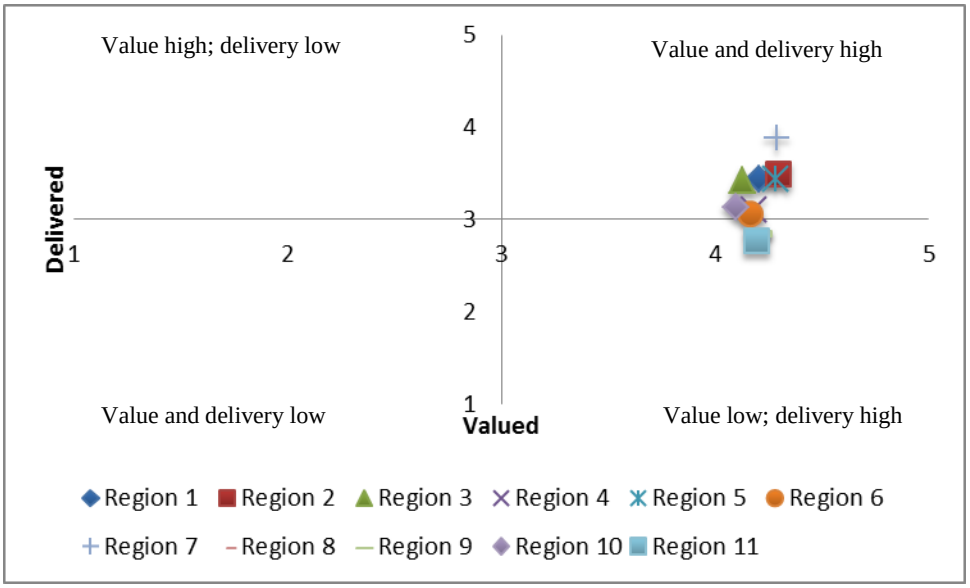

Figure 3.23. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Make Your Community a More Desirable Place to Live," Oregon SCORP Regions

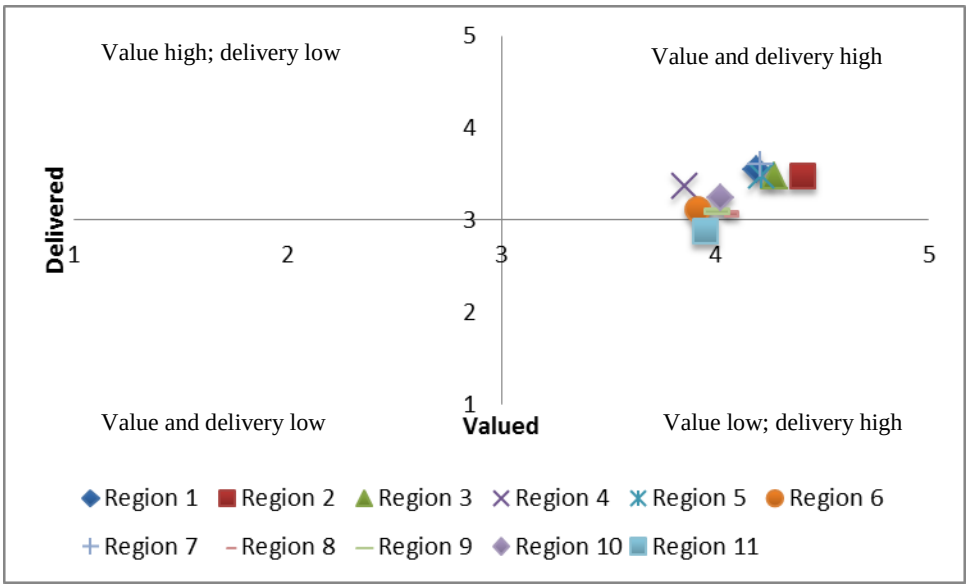

Figure 3.24. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Preserve Open Space and the Environment," Oregon SCORP Regions

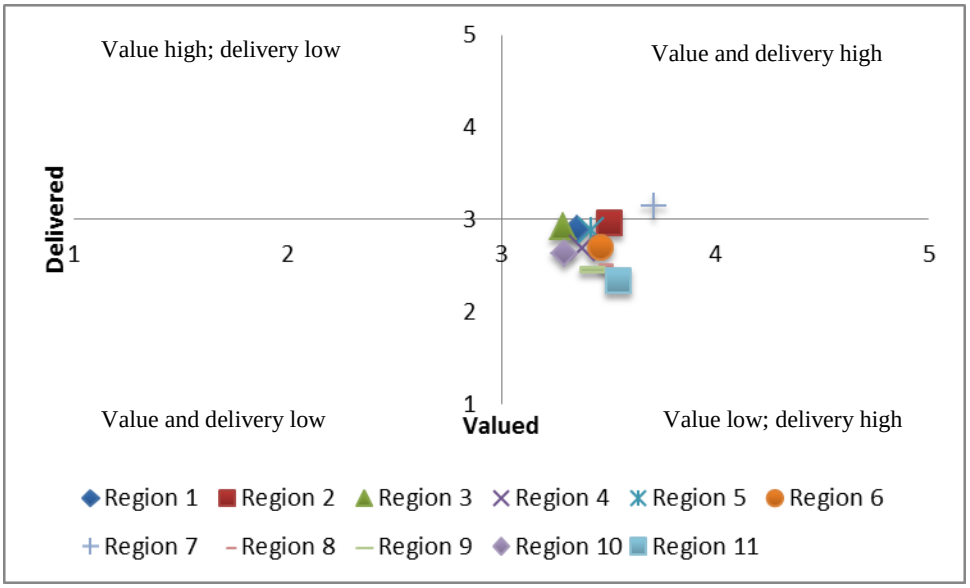

Figure 3.25. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Increase Property Values in Your Community," Oregon SCORP Regions

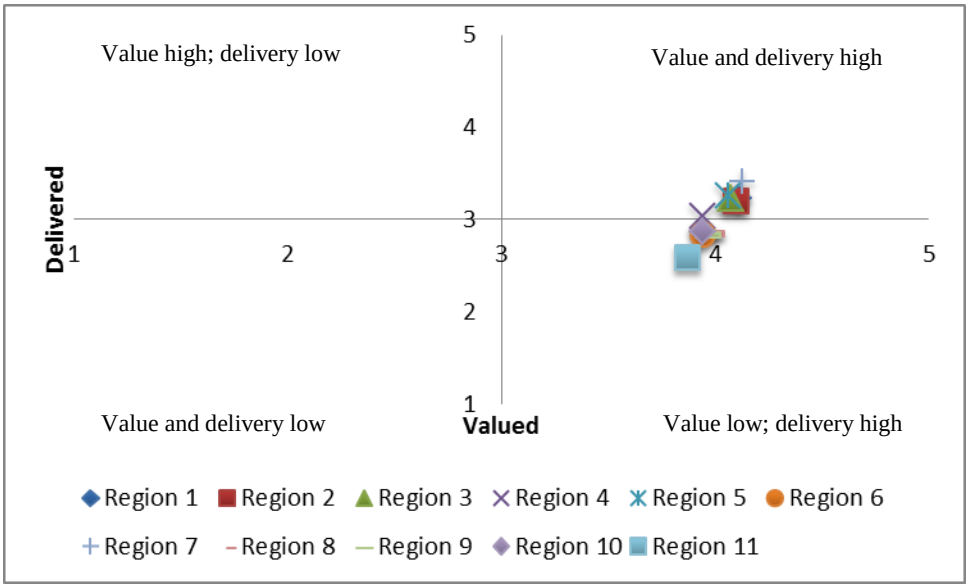

Figure 3.26. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Improve Mental Health and Reduce Stress," Oregon SCORP Regions

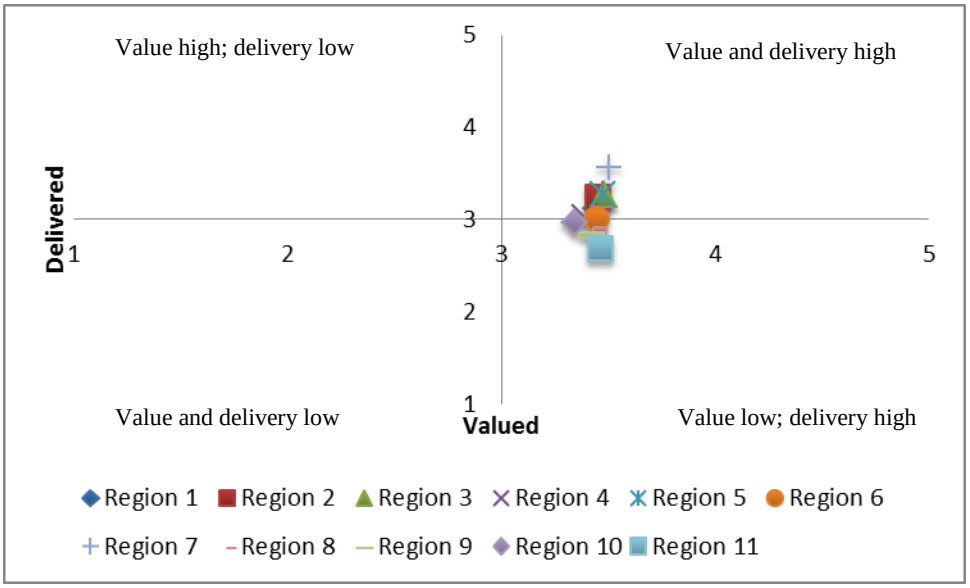

Figure 3.27. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Provide Opportunities for Social Interaction," Oregon SCORP Regions

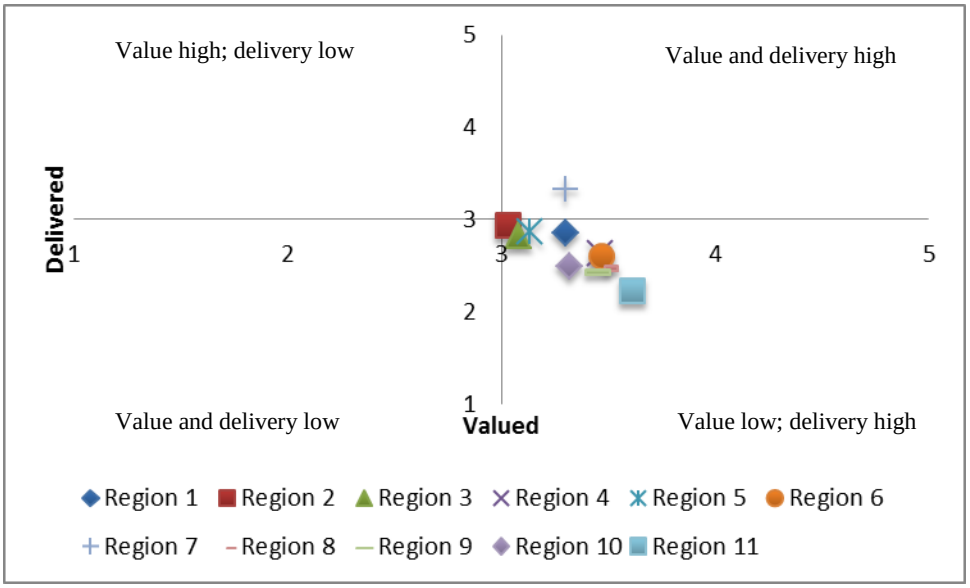

Figure 3.28. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Help Attract New Residents and Businesses," Oregon SCORP Regions

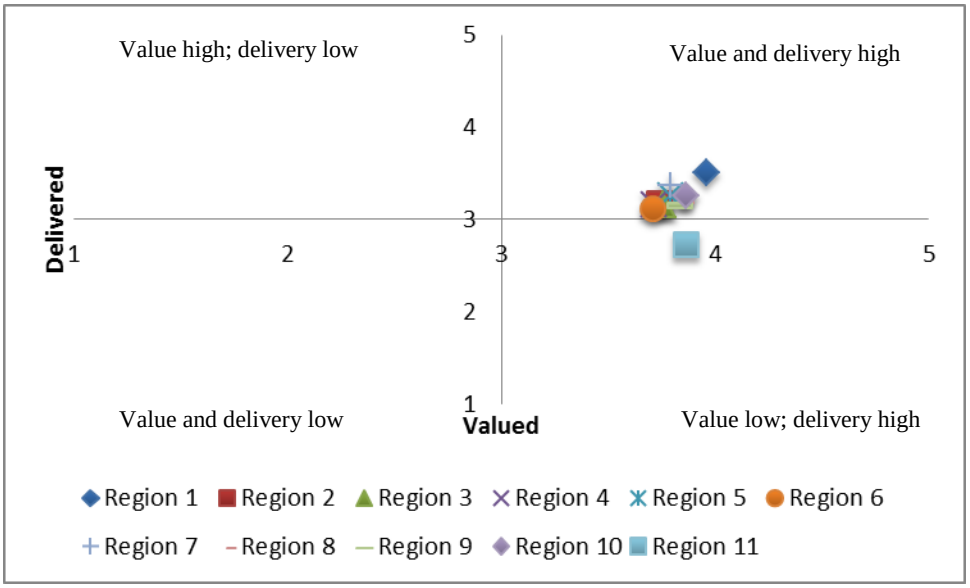

Figure 3.29. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Preserve Historical Features in Your Community," Oregon SCORP Regions

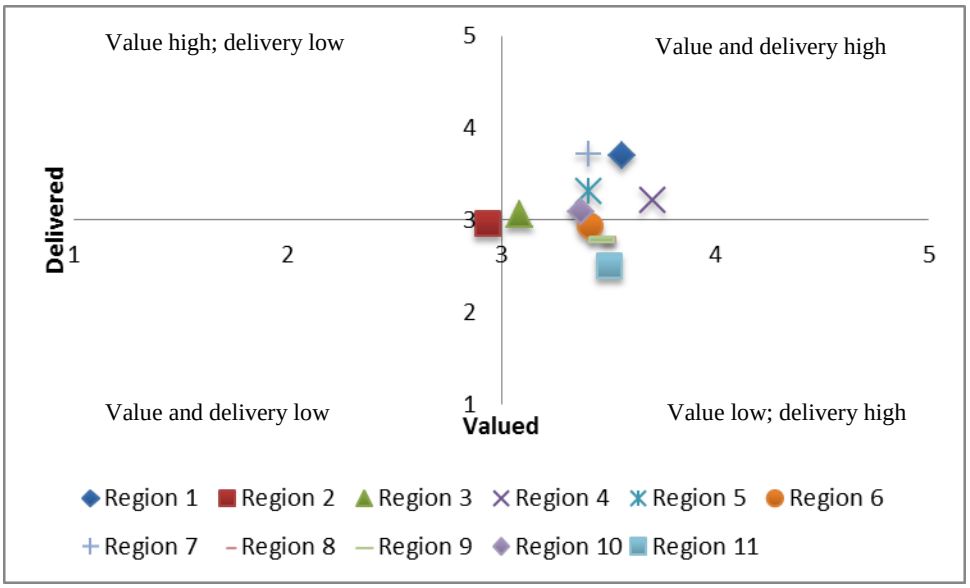

Figure 3.30. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Promote Tourism," Oregon SCORP Regions

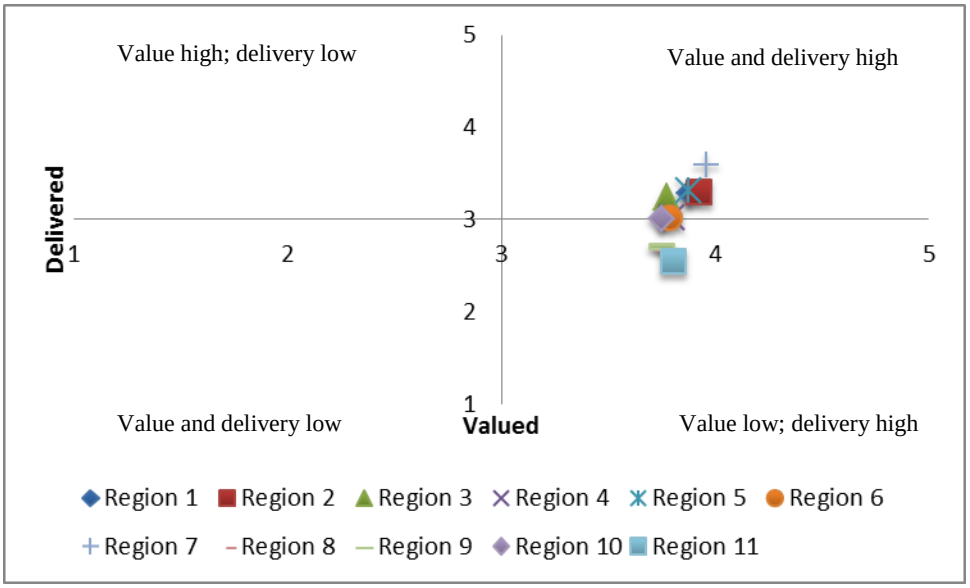

Figure 3.31. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Enhance a Sense of Place and Community," Oregon SCORP Regions

3.4.3 County Responses

County mean scores for value for (Appendix Table 7) and delivery of (Appendix Table 8) benefits by park and recreation agencies vary across counties and benefit types. For the most part, counties cluster on one dimension or the other (i.e., value and delivery); for example, increase property values (Figure 3.36) and preserve historical features (Figure 3.40). County mean scores vary on both dimensions for helping attract new residents / businesses (Figure 3.40) and promote tourism (Figure 3.41).

Mean scores vary across counties on the delivery dimension for improve physical health (Figure 3.32), community desirability (Figure 3.34), improve mental health (Figure 3.37), provide opportunities for social interaction (Figure 3.38), and enhance sense of place / community (Figure 3.42). Mean scores vary across counties on the value dimension for help reduce crime (Figure 3.33) and preserve open space (Figure 3.35).

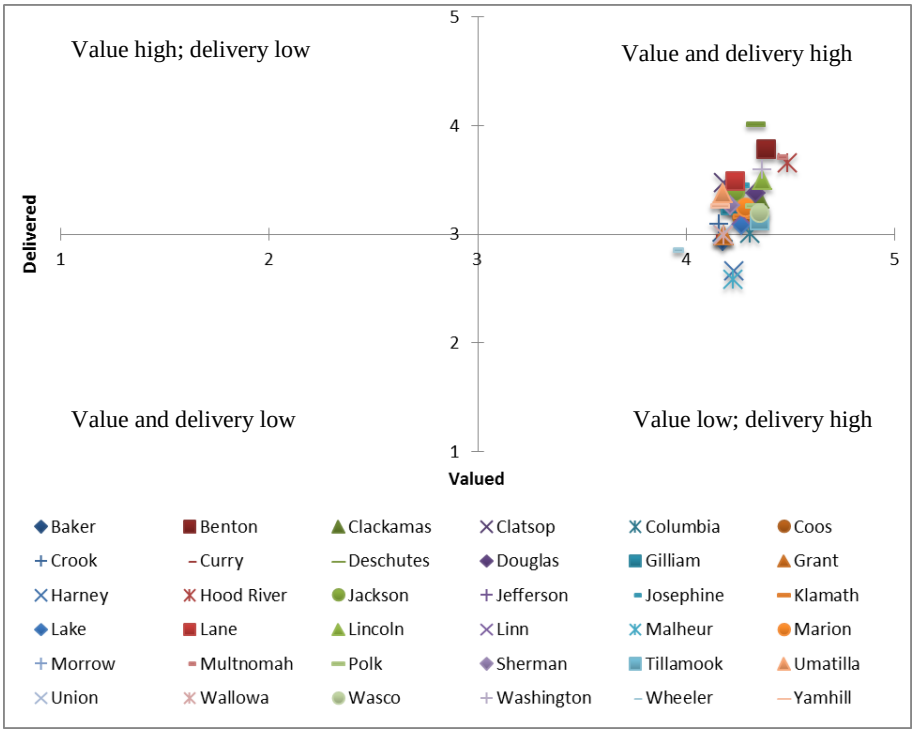

Figure 3.32. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Improve Physical Health and Fitness," Oregon Counties

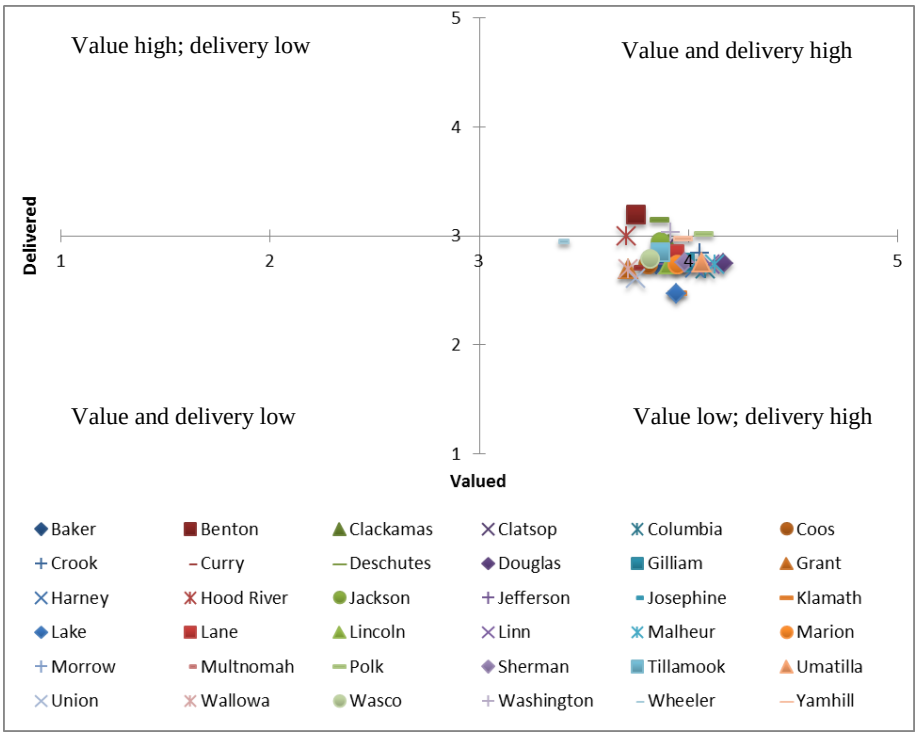

Figure 3.33. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Help Reduce Crime," Oregon Counties

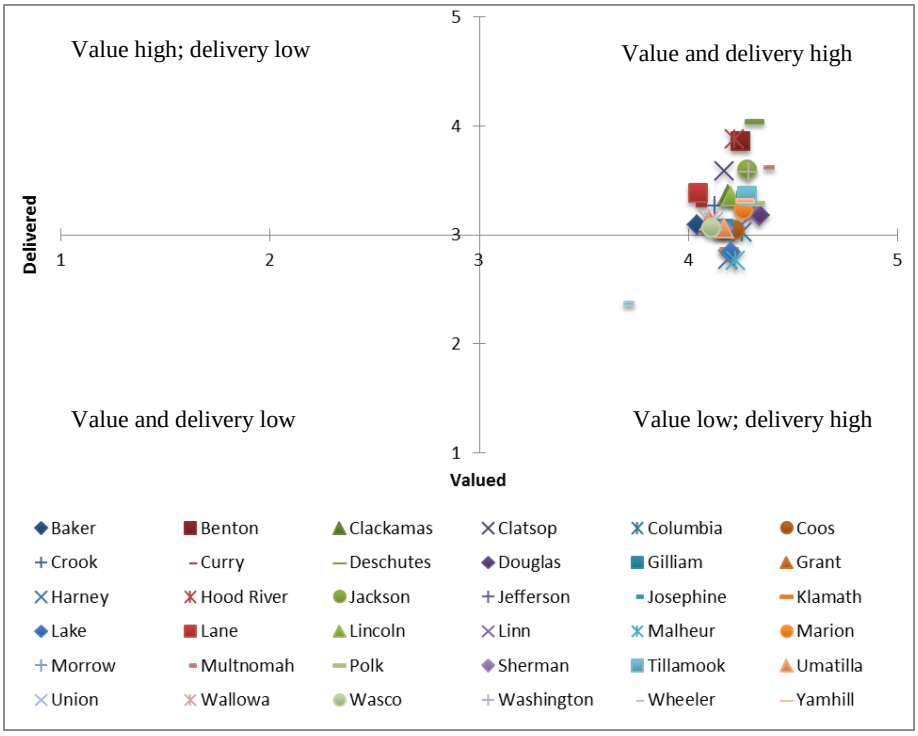

Figure 3.34. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Make Your Community a More Desirable Place to Live," Oregon Counties

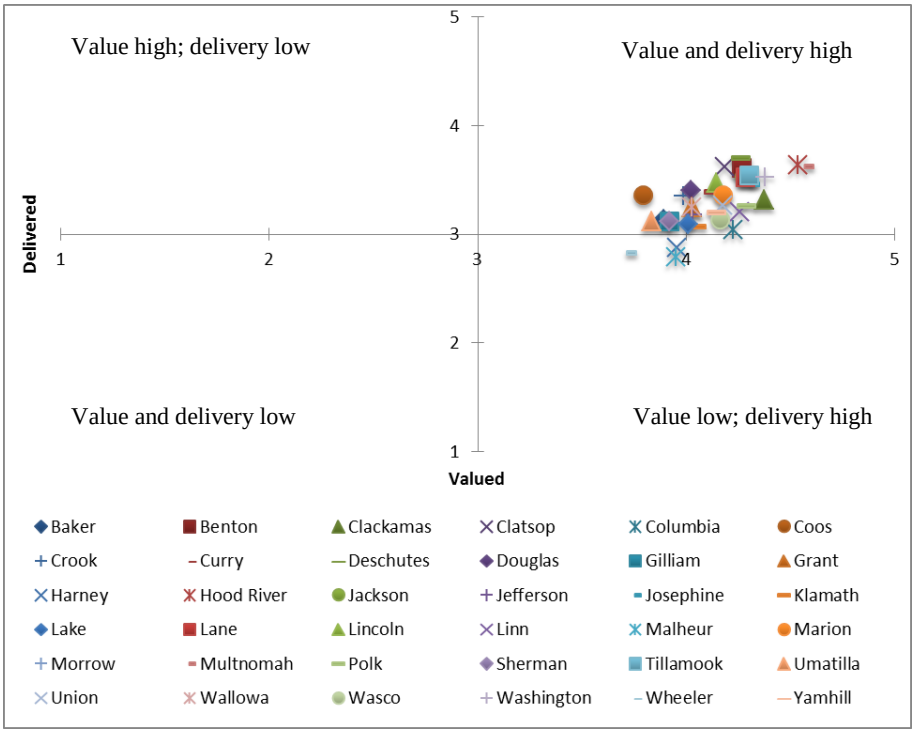

Figure 3.35. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Preserve Open Space and the Environment," Oregon Counties

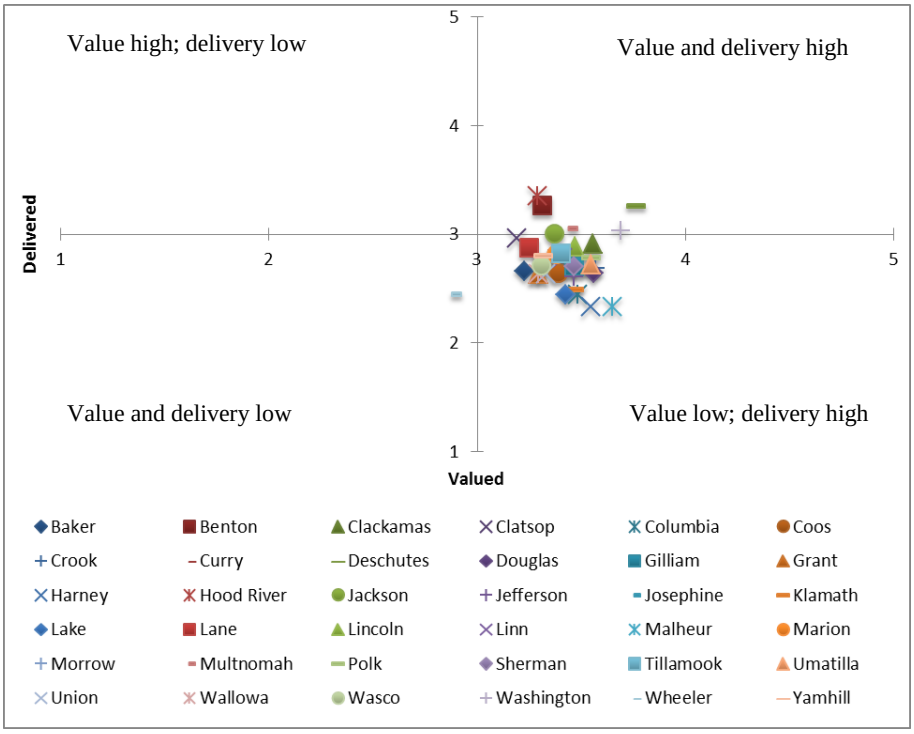

Figure 3.36. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Increase Property Values in Your Community," Oregon Counties

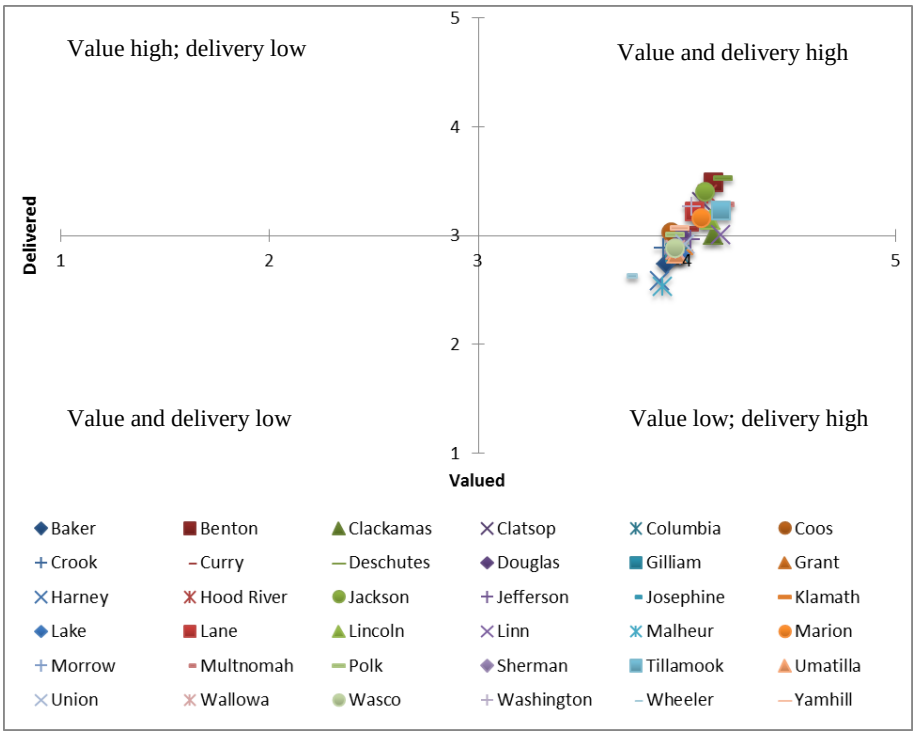

Figure 3.37. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Improve Mental Health and Reduce Stress," Oregon Counties

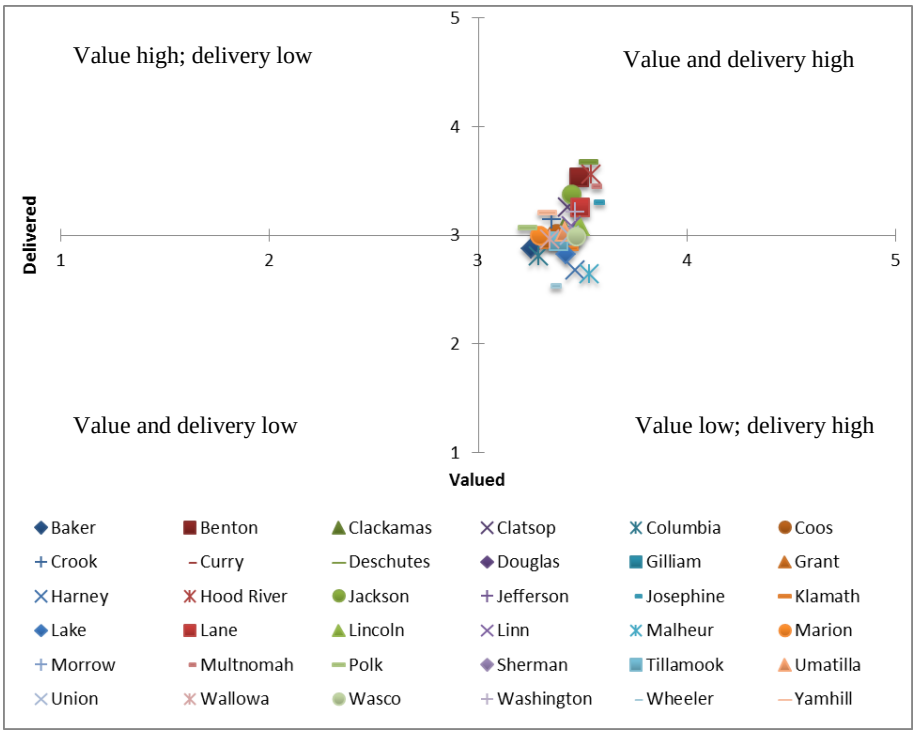

Figure 3.38. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Provide Opportunities for Social Interaction," Oregon Counties

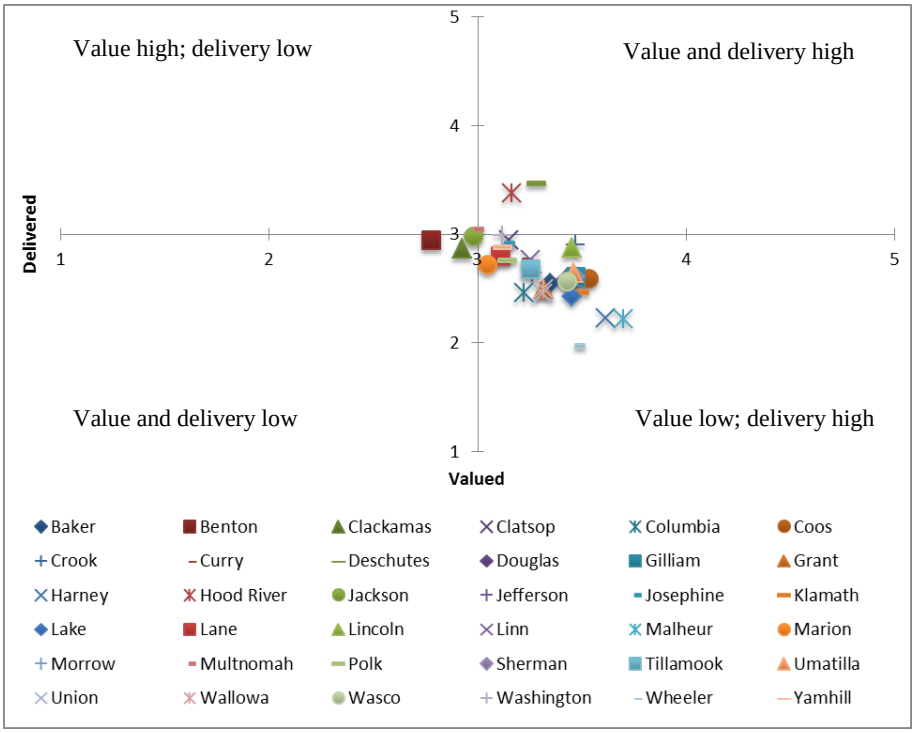

Figure 3.39. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Help Attract New Residents and Businesses," Oregon Counties

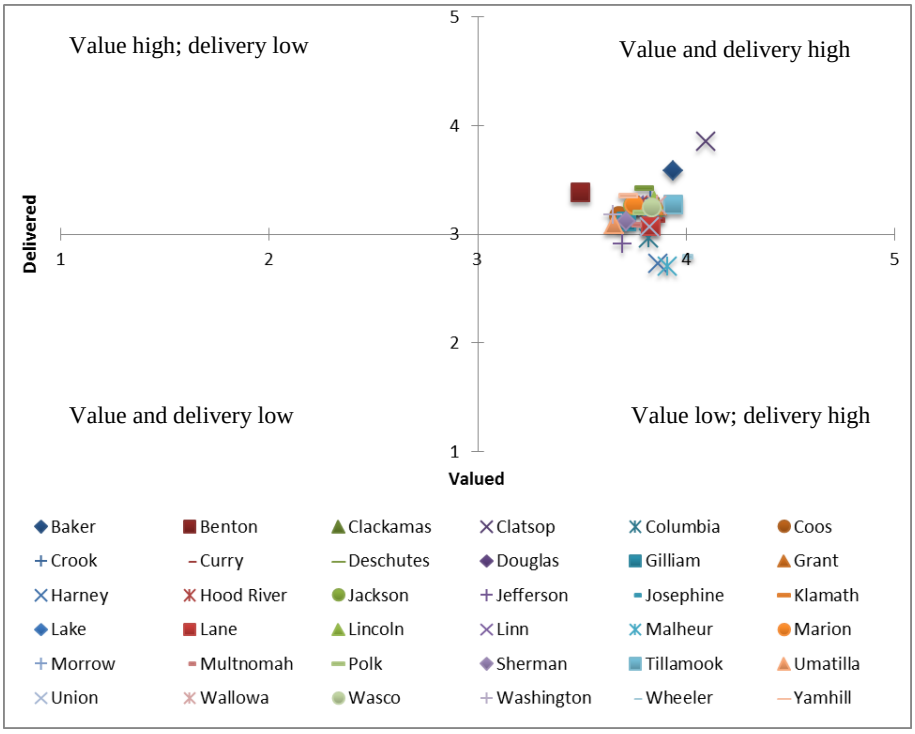

Figure 3.40. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Preserve Historical Features in Your Community," Oregon Counties

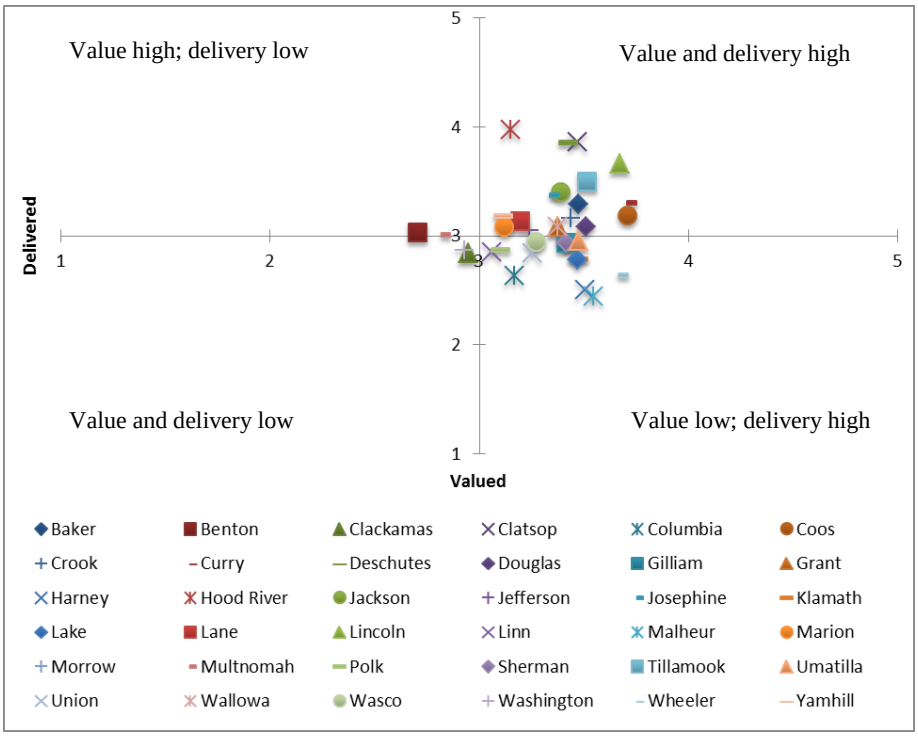

Figure 3.41. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Promote Tourism," Oregon Counties

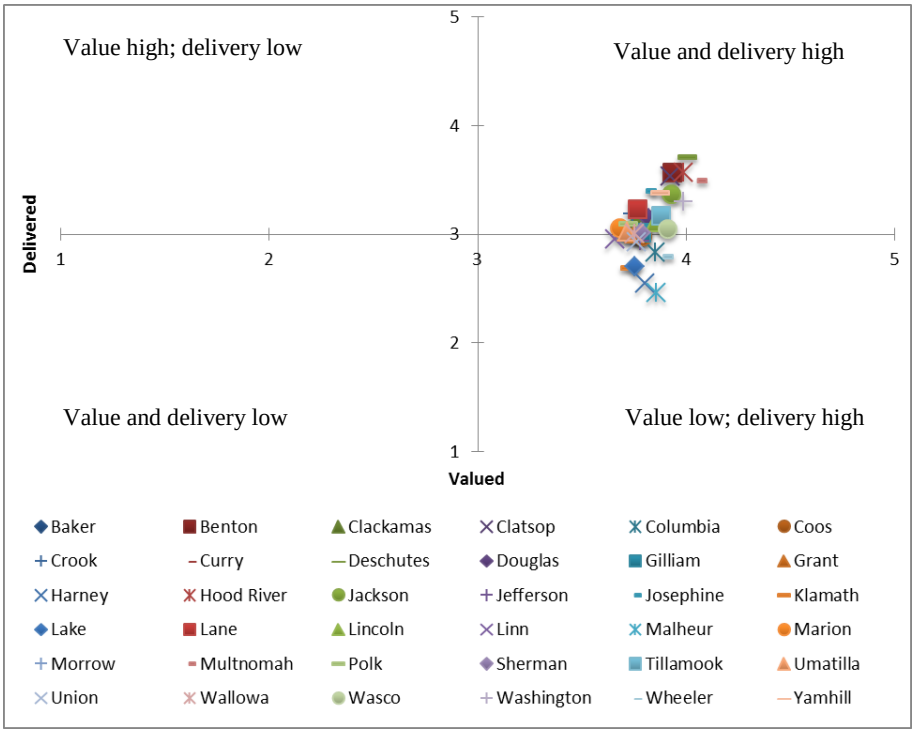

Figure 3.42. Oregon Residents' Value For and Perceived Delivery of Parks and Recreation Services Benefit "Enhance a Sense of Place and Community," Oregon Counties

3.5 Other Outdoor Activities Participated In

Oregonians that participated in outdoor recreation activities were asked (Question 10, Appendix B) to write in other outdoor recreation activities that any member of their household participated in other than those explicitly listed. The top written responses were compiled, with the highest responses listed in descending order in Figure 3.43. Other activities ranged from gathering and cutting firewood, gardening and gold panning to campfires / bonfires.

Did you or any member of your household participate in any other outdoor recreation activities (not listed previously) in Oregon in 2011?*
Gathering and Cutting Firewood
Gardening
Gold Panning
Walking
Beach Combing
Camping
Picnicking or Barbequing
Family Time
Boating
Bonfires / Camp Fires

*Compiled from written responses to the question.

Figure 3.43. Top Ten Other Activities Participated In

3.6 How Park and Forest Managers Can Help Participation

Oregonians that participated in outdoor recreation activities were also asked (Question 11, Appendix B) to write-in the single most important thing that park and forest managers can do to help with participation in outdoor recreation. Figure 3.44 reports responses compiled in descending order of frequency. They range from providing clean facilities/ restrooms and reducing user fees to stop closing forest roads to all-terrain vehicle use.

What is the single most important thing that park and forest managers can do to help you participate in outdoor recreation?*
Provide Clean Facilities/ Restrooms
Reduce Use Fees/ Keep Affordable
Provide More/ Better Access
Provide Safe/ Secure Park Environments
Stop Forest Road Closures/ Open Closed Roads
Trail Maintenance
Facility Maintenance
Access to Better/ More Recreation Information
Accessible Facilities for Disabled
Stop Closing Forest Roads to All-Terrain Vehicle Use

*Compiled from written responses to the question.

Figure 3.44. Top Ten Items Managers Can Do to Increase Participation for Participants

4. Oregon Resident Non-Participants' Preferences

This section provides results for questions asked specifically of people (8% of Oregon population) that stated they did not participate in some outdoor recreation activity in 2011 (see Appendix C). These questions delved into 1) their past recreation history, 2) their limitations to participating in recreation activities, and 3) a list of activities they would like to participate in.

Results are reported at two scales—statewide and SCORP region. County-level results are not reported here given an overall small sample size for non-participants in our sample.

4.1 Participation History for Current Non-Participants

Figure 4.1 and Table 4.1 report outdoor recreation participation history for non-participants (Question 1, Appendix C). The majority of respondents report that they have participated in outdoor recreation activities in the past, but not in 2011. On average, 72% of respondents have previously participated in outdoor recreation activities prior to 2011, 14% have never participated in outdoor recreation activities, and 8% participated in outdoor recreation activities in 2011, but not in Oregon. SCORP regional results were similar to statewide results.

Figure 4.2 compiled written answers to the question (Question 2, Appendix C) why they did not participate in outdoor recreation activities in Oregon in 2011. In descending order of frequency, reasons included being disabled, too old, too expensive, poor health, and lack of time.

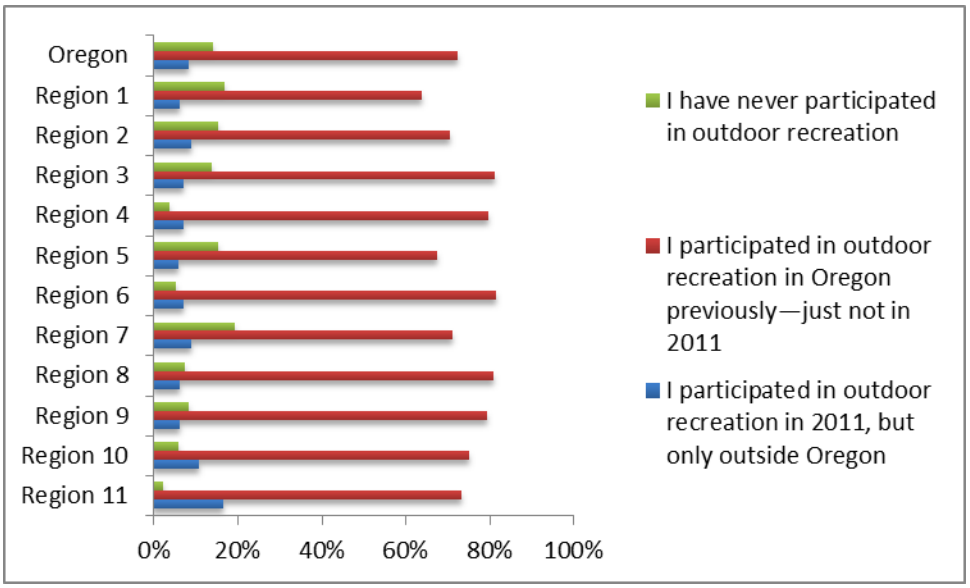

Figure 4.1. Oregon Non-participant Residents Outdoor Recreation History, Oregon and SCORP Regions

Are there reasons why you have stopped participating in outdoor recreation in Oregon, or have never participated in outdoor recreation?*
Disabled
Age, or too old
Too expensive, or can't afford
Health concerns
Lack of time

*Compiled from written responses to the question.

Figure 4.2. Top Reasons Not Participating in Recreation

Table 4.1. Non-participant Outdoor Recreation Participation History, Oregon and SCORP Regions—Frequencies (% selected)

Item	State	SCORP Region										
		1	2	3	4	5	6	7	8	9*	10	11
I participated in outdoor recreation in 2011, but only outside Oregon	8.3	6.4	9.1	7.1	7.3	5.8	7.2	8.9	6.3	6.2	10.9	16.7
I participated in outdoor recreation in Oregon previously—just not in 2011	72.5	64.0	70.6	81.4	79.8	67.5	81.7	71.3	81.0	79.6	75.2	73.2
I have never participated in outdoor recreation	14.3	17.1	15.5	14.0	3.8	15.4	5.3	19.4	7.5	8.5	6.1	2.3
Other	8.2	14.8	6.8	4.6	8.8	18.2	5.1	3.6	12.4	13.8	11.7	21.6

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

4.2 Limitations to Participating in Outdoor Recreation

Non-participants in outdoor recreation in Oregon rated various reasons for not participating in outdoor recreation (Question 5, Appendix C) using a 5-point Likert scale (1 = Not important to 5 = Extremely important). Table 4.2 reports mean scores by state and SCORP regional scales. Statewide, non-participating Oregonians state, on average in descending order, that lack of time, poor health, concerns about safety / crime in parks, too expensive, and too crowded are the primary reasons for not participating in outdoor recreation in 2011. The least important reasons, in ascending order of mean score, include lack of transportation, not permitted activity, activities not offered, and over-development of parks / facilities.

Results at the SCORP regional scale are similar to statewide results. For example, the most important reason is lack of time for Regions 1, 2, 6 and 11, while poor health is most important for Regions 1, 3, 4, 5, 7, 8, 9 and 10.

Table 4.2. Non-participant Limitations to Outdoor Recreation Participation, Oregon and SCORP Regions—Mean of 5-point Likert scale (1 = "Not important" to 5 = "Extremely important")

Item	State	SCORP Region										
		1	2	3	4	5	6	7	8	9*	10	11
I don't have enough time / too busy with work, family, or other commitments	3.0	3.1	3.0	2.8	2.6	2.6	3.2	3.1	3.0	3.1	2.6	3.4
Conflicting schedules with spouse / companion	2.2	2.2	2.2	1.8	2.0	2.0	2.0	2.6	2.7	2.6	2.1	3.0
Health concerns	2.9	3.1	2.7	3.0	3.0	3.2	2.9	3.5	3.2	3.3	2.8	2.8
I can't afford the equipment / gear needed to participate in my desired activity	2.2	1.8	2.1	2.4	2.2	2.5	2.4	2.8	2.9	2.9	2.3	2.5
Parks and facilities are not developed enough (not enough picnic tables, playgrounds, restrooms, etc.)	2.2	2.2	2.2	2.1	2.3	2.2	2.0	2.3	2.2	2.2	2.1	2.0
Parks and facilities are over-developed	1.8	2.0	1.8	1.6	1.7	1.7	1.7	2.0	2.0	2.0	1.8	1.7
I don't have enough information about parks, facilities, and opportunities	2.2	2.3	2.2	1.9	2.3	2.4	2.4	2.5	2.5	2.5	1.9	2.5
Nearby parks do not offer enough organized activities and programs	1.8	2.0	1.8	1.5	1.6	1.8	1.9	2.4	1.9	1.9	1.6	1.9
There are not enough trail options in nearby parks	2.0	2.1	2.0	1.7	1.8	2.2	2.1	1.9	2.3	2.3	2.0	2.7
The activity I want to do is not allowed in nearby parks	1.7	1.5	1.6	1.6	1.6	1.6	2.0	2.2	2.2	2.2	1.7	1.9
Parks and facilities are too crowded	2.3	2.4	2.4	2.0	2.3	2.6	2.3	2.6	2.4	2.4	2.2	2.2
Park facilities and programs cost too much	2.5	2.3	2.5	2.4	2.5	2.7	2.4	2.4	2.9	3.0	2.5	2.6
I don't like to participate in nature or outdoor recreation activities	1.9	1.9	2.0	1.6	1.6	1.6	1.6	1.8	2.5	2.4	1.8	2.0
Lack of transportation / no way to get to parks	1.5	1.6	1.4	1.5	1.6	1.8	1.5	1.9	1.8	1.8	1.9	1.7
I have no one to go with to parks	1.9	2.4	1.9	1.7	2.0	2.3	1.6	2.1	2.4	2.4	1.9	1.8
I'm concerned about safety / crime in parks	2.7	2.4	2.8	2.5	2.5	2.6	2.4	2.9	2.6	2.6	2.1	2.5
Nearby parks are dirty or poorly maintained	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.4	2.0	2.0	1.8	1.9

*Region 9 values reported are combined with Region 8 values due to low sample size for Region 9.

4.3 Activities Would Like To Do

Non-participants were asked (Question 3, Appendix C) what activities they would like to participate in (based on 341 responses to the on-line version of the survey). The largest percentages identified include walking on streets / trails, beach activities, outdoor photography, nature observation, and fishing activities. Least selected activities by non-participants include court and field games, big game and waterfowl hunting, and sailing.

Table 4.3. Activities Non-participants Would Like to Participate In, Oregon—Frequencies (% selected)

Activity	State
Walking on streets, sidewalks, trails	3.5
Beach activities – ocean, lakes, reservoirs, rivers, etc.	2.3
Outdoor photography, painting, drawing	2.0
Other nature / wildlife / forest / wildflower observation	1.9
Fishing	1.8
Whale watching	1.7
RV / motorhome / trailer camping	1.5
Bicycling on roads / trails	1.4
Dog walking, going to dog parks / off-leash areas	1.3
Bird watching	1.2
Yurts, camper cabins	1.2
General play at a neighborhood park / playground	1.1
Swimming / playing in outdoor pools / spray parks	1.1
Crabbing / shellfishing / clamming	1.0
Horseback riding	0.9
All-terrain vehicle (ATV) riding	0.9
Collecting (rocks, plants, mushrooms, berries)	0.9
Car / motorcycle camping w/ a tent	0.9
Canoeing, kayaking, rafting	0.9
Jogging / running	0.6
Golf	0.6
Snowmobiling	0.5
Power boating, jet skiing	0.5
Downhill (alpine) skiing or snowboarding	0.5
Cross-country skiing, snowshoeing	0.5
Outdoor court games – tennis, basketball, etc.	0.4
Outdoor field games – baseball, softball, soccer, etc.	0.4
Big game hunting w/ gun / bow	0.4
Sailing	0.3
Waterfowl hunting	0.1
Other	0.4

Respondents were also asked (Question 4, Appendix C) to write in the single most important thing that park and forest managers can do to help them participate in outdoor recreation. The most frequently cited items include increasing access and safety, improving cleanliness, lowering costs, increasing ADA access, improving maintenance, and increasing advertising.

What is the single most important thing that park and forest managers can do to help you participate in outdoor recreation?
Increase Access
Increase Safety
Improve Cleanliness
Lower Fees / Costs
Increase ADA Access
Improve Maintenance
Increase Advertising

*Compiled from written responses to the question.

Figure 4.3. Top Items Managers Can Do to Increase Participation for Non-Participants

Appendix A: County-Level Tables

Appendix Table 1. User Occasions and Percent of Statewide Occasions by Activity in Oregon Counties Where Occurred, 2011

Non-motorized Trail or Related Activities										
County	**Walking on local streets / sidewalks**		**Walking on local trails / paths**		**Walking / day hiking on non-local trails / paths**		**Long-distance hiking (backpacking)**		**Jogging / running on streets / sidewalks**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	1,386,270	<1%	614,385	1%	303,737	1%	41,853	1%	501,942	1%
Benton	21,202,522	5%	7,227,822	6%	3,008,077	7%	116,435	3%	5,286,603	8%
Clackamas	29,253,655	8%	7,148,333	6%	3,963,481	10%	403,243	9%	4,755,087	7%
Clatsop	3,720,619	1%	1,629,869	1%	893,743	2%	153,718	3%	420,170	1%
Columbia	3,722,610	1%	1,184,928	1%	184,854	<1%	13,269	<1%	396,638	1%
Coos	4,821,142	1%	2,168,049	2%	1,251,010	3%	30,763	1%	551,757	1%
Crook	967,951	<1%	364,131	<1%	119,762	<1%	18,679	<1%	171,218	<1%
Curry	1,710,757	<1%	938,364	1%	328,944	1%	20,205	<1%	148,759	<1%
Deschutes	14,727,615	4%	11,237,435	9%	3,276,188	8%	617,452	14%	2,174,641	3%
Douglas	6,508,849	2%	2,091,957	2%	681,374	2%	149,890	3%	578,985	1%
Gilliam	194,328	<1%	38,904	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	743,322	<1%	203,210	<1%	1,111,258	3%	21,843	<1%	116,045	<1%
Harney	369,876	<1%	141,769	<1%	162,641	<1%	10,930	<1%	33,778	<1%
Hood River	2,079,104	1%	887,732	1%	1,540,578	4%	163,374	4%	365,029	1%
Jackson	16,254,394	4%	5,619,676	5%	2,384,296	6%	811,704	18%	2,544,572	4%
Jefferson	966,676	<1%	380,445	<1%	384,255	1%	77,321	2%	194,202	<1%
Josephine	6,261,026	2%	1,418,540	1%	447,961	1%	64,615	1%	882,373	1%
Klamath	4,548,217	1%	1,865,675	2%	608,746	2%	176,068	4%	647,410	1%
Lake	511,616	<1%	199,284	<1%	102,923	<1%	7,053	<1%	71,103	<1%
Lane	28,303,125	7%	10,025,646	8%	3,117,720	8%	485,916	11%	3,302,786	5%
Lincoln	4,437,537	1%	1,317,397	1%	1,550,976	4%	14,088	<1%	376,084	1%
Linn	10,732,980	3%	2,798,795	2%	646,819	2%	30,669	1%	616,764	1%
Malheur	1,986,914	1%	372,194	<1%	119,612	<1%	17,286	<1%	431,959	1%
Marion	23,614,016	6%	7,136,002	6%	2,152,780	5%	173,235	4%	2,324,921	3%
Morrow	581,868	<1%	105,460	<1%	50,417	<1%	1,940	<1%	93,099	<1%
Multnomah	119,544,889	31%	33,631,567	28%	6,725,626	17%	199,715	4%	27,528,213	41%
Polk	4,768,423	1%	1,222,461	1%	306,391	1%	1,945	<1%	608,756	1%
Sherman	154,689	<1%	25,661	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	1,642,142	<1%	964,517	1%	973,390	2%	92,021	2%	52,740	<1%
Umatilla	6,305,623	2%	1,288,922	1%	260,732	1%	22,090	<1%	1,167,604	2%
Union	3,503,480	1%	699,769	1%	362,521	1%	113,166	3%	511,480	1%
Wallowa	775,660	<1%	224,769	<1%	147,816	<1%	107,891	2%	78,690	<1%
Wasco	2,166,734	1%	460,304	<1%	278,280	1%	10,731	<1%	110,234	<1%
Washington	50,015,549	13%	13,636,046	11%	2,613,927	6%	277,433	6%	9,166,337	14%
Wheeler	124,547	<1%	<1,000	<1%	28,873	<1%	<1,000	<1%	<1,000	<1%
Yamhill	7,884,409	2%	2,095,836	2%	156,353	<1%	1,224	<1%	950,707	1%
Total	386,493,133		121,365,856		40,246,062		4,447,768		67,160,686	

County	Jogging / running on trails / paths		Horseback riding		Bicycling on unpaved trails		Bicycling on paved trails		Bicycling on roads, streets, sidewalks	
	#	%	#	%	#	%	#	%	#	%
Baker	133,209	<1%	200,731	2%	54,100	<1%	146,224	<1%	432,036	<1%
Benton	3,479,504	11%	125,530	1%	658,329	4%	4,374,898	11%	8,326,776	9%
Clackamas	1,521,214	5%	1,114,532	11%	426,078	3%	862,654	2%	2,848,907	3%
Clatsop	364,865	1%	94,616	1%	102,967	1%	432,029	1%	683,467	1%
Columbia	279,335	1%	131,721	1%	329,807	2%	261,480	1%	728,239	1%
Coos	230,274	1%	199,692	2%	207,190	1%	415,815	1%	904,123	1%
Crook	47,109	<1%	86,715	1%	28,090	<1%	65,011	<1%	205,574	<1%
Curry	121,301	<1%	76,342	1%	100,718	1%	62,279	<1%	174,365	<1%
Deschutes	2,660,552	8%	4,088,719	42%	1,237,823	8%	5,653,773	14%	3,547,849	4%
Douglas	442,004	1%	194,885	2%	67,454	<1%	466,221	1%	1,274,906	1%
Gilliam	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	44,894	<1%
Grant	47,431	<1%	28,979	<1%	3,137	<1%	14,449	<1%	79,167	<1%
Harney	17,474	<1%	83,444	1%	38,461	<1%	<1,000	<1%	53,828	<1%
Hood River	254,186	1%	35,209	<1%	408,037	3%	257,041	1%	689,640	1%
Jackson	1,091,418	3%	337,301	3%	655,001	4%	2,029,518	5%	3,204,324	4%
Jefferson	88,254	<1%	54,995	1%	65,618	<1%	102,909	<1%	197,044	<1%
Josephine	445,858	1%	11,877	<1%	203,397	1%	407,103	1%	1,035,571	1%
Klamath	743,646	2%	133,661	1%	409,339	3%	417,445	1%	835,650	1%
Lake	23,852	<1%	59,820	1%	28,609	<1%	11,327	<1%	81,669	<1%
Lane	2,174,831	7%	136,693	1%	1,216,551	8%	5,269,383	14%	8,612,779	10%
Lincoln	165,722	1%	44,052	<1%	74,018	1%	57,727	<1%	392,275	<1%
Linn	337,653	1%	54,482	1%	207,015	1%	845,259	2%	2,989,932	3%
Malheur	154,937	<1%	703,709	7%	45,788	<1%	28,570	<1%	587,652	1%
Marion	502,700	2%	410,726	4%	289,893	2%	1,171,126	3%	4,157,994	5%
Morrow	32,105	<1%	21,626	<1%	11,810	<1%	26,012	<1%	129,334	<1%
Multnomah	11,248,598	35%	42,545	<1%	5,957,298	40%	10,864,451	28%	32,721,855	37%
Polk	193,743	1%	39,304	<1%	57,797	<1%	142,993	<1%	924,021	1%
Sherman	<1,000	<1%	12,179	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	34,052	<1%	45,882	<1%	80,025	1%	54,488	<1%	136,581	<1%
Umatilla	130,614	<1%	229,560	2%	82,452	1%	164,498	<1%	1,438,659	2%
Union	108,505	<1%	232,101	2%	169,738	1%	283,424	1%	990,422	1%
Wallowa	26,919	<1%	175,750	2%	16,179	<1%	6,879	<1%	96,088	<1%
Wasco	75,497	<1%	87,091	1%	59,692	<1%	198,549	1%	383,061	<1%
Washington	4,830,263	15%	323,439	3%	1,351,680	9%	3,484,027	9%	6,982,282	8%
Wheeler	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	3,858	<1%
Yamhill	185,171	1%	97,311	1%	122,342	1%	443,579	1%	1,914,359	2%
Total	32,192,793		9,715,218		14,766,435		39,021,140		87,809,182	

Motorized Activities										
County	**Class I – All-terrain vehicle riding**		**Class II – Off-road 4-wheel driving**		**Class III – Off-road motorcycling**		**Class IV – Riding UTVs or side-by-side ATVs**		**Snowmobiling**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	317,788	3%	365,867	5%	43,517	1%	32,895	2%	75,807	8%
Benton	76,178	1%	178,443	2%	104,327	3%	<1,000	<1%	<1,000	<1%
Clackamas	744,803	8%	336,916	5%	247,187	7%	25,022	2%	6,009	1%
Clatsop	135,281	1%	111,794	2%	2,035	<1%	26,318	2%	<1,000	<1%
Columbia	75,646	1%	83,985	1%	13,237	<1%	2,098	<1%	<1,000	<1%
Coos	1,151,243	12%	944,646	13%	206,821	6%	516,611	32%	<1,000	<1%
Crook	89,038	1%	47,451	1%	12,035	<1%	11,538	1%	<1,000	<1%
Curry	144,084	2%	82,652	1%	11,242	<1%	<1,000	<1%	<1,000	<1%
Deschutes	366,183	4%	251,479	4%	188,354	5%	104,345	7%	360,913	38%
Douglas	401,538	4%	575,978	8%	87,765	2%	140,021	9%	63,829	7%
Gilliam	7,151	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	138,093	1%	106,154	1%	21,143	1%	22,667	1%	9,245	1%
Harney	95,978	1%	62,845	1%	<1,000	<1%	20,673	1%	<1,000	<1%
Hood River	56,640	1%	103,788	1%	17,454	<1%	<1,000	<1%	16,851	2%
Jackson	432,108	5%	161,937	2%	402,097	11%	28,652	2%	14,969	2%
Jefferson	114,451	1%	52,834	1%	14,757	<1%	<1,000	<1%	1,325	<1%
Josephine	86,475	1%	194,988	3%	153,927	4%	<1,000	<1%	18,167	2%
Klamath	341,856	4%	181,897	3%	43,477	1%	64,884	4%	79,756	8%
Lake	168,891	2%	252,236	4%	22,545	1%	6,772	<1%	7,267	1%
Lane	819,075	9%	668,728	9%	1,358,246	37%	105,918	7%	13,874	1%
Lincoln	125,371	1%	49,326	1%	36,075	1%	23,388	1%	<1,000	<1%
Linn	273,797	3%	158,472	2%	31,278	1%	55,166	3%	17,361	2%
Malheur	446,570	5%	236,264	3%	150,071	4%	99,801	6%	7,326	1%
Marion	687,559	7%	82,816	1%	4,904	<1%	36,770	2%	<1,000	<1%
Morrow	63,205	1%	32,099	<1%	10,731	<1%	49,636	3%	8,261	1%
Multnomah	81,638	1%	108,302	2%	21,875	1%	<1,000	<1%	1,637	<1%
Polk	93,534	1%	15,053	<1%	5,627	<1%	<1,000	<1%	1,168	<1%
Sherman	<1,000	<1%	12,532	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	369,513	4%	386,453	5%	281,018	8%	7,277	<1%	<1,000	<1%
Umatilla	374,923	4%	119,478	2%	18,938	1%	74,119	5%	90,805	10%
Union	541,218	6%	718,115	10%	43,014	1%	23,185	1%	58,581	6%
Wallowa	235,908	2%	259,206	4%	46,270	1%	30,716	2%	87,916	9%
Wasco	98,375	1%	59,925	1%	18,854	1%	<1,000	<1%	1,488	<1%
Washington	206,541	2%	102,697	1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Wheeler	23,130	<1%	6,931	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Yamhill	104,617	1%	71,669	1%	9,934	<1%	84,553	5%	<1,000	<1%
Total	9,488,396		7,183,955		3,628,755		1,593,024		943,416	

County	Using personal water craft, such as jet ski		Power boating (cruising / water skiing)	
	#	%	#	%
Baker	11,730	1%	81,770	1%
Benton	27,489	2%	4,615	<1%
Clackamas	61,778	4%	487,034	7%
Clatsop	21,473	1%	169,435	2%
Columbia	13,377	1%	186,329	3%
Coos	95,114	6%	245,181	4%
Crook	6,798	<1%	131,992	2%
Curry	5,817	<1%	33,790	<1%
Deschutes	57,295	4%	260,037	4%
Douglas	31,131	2%	184,377	3%
Gilliam	<1,000	<1%	<1,000	<1%
Grant	<1,000	<1%	7,227	<1%
Harney	<1,000	<1%	<1,000	<1%
Hood River	13,337	1%	152,295	2%
Jackson	58,327	4%	388,298	6%
Jefferson	27,812	2%	207,257	3%
Josephine	303,854	19%	138,772	2%
Klamath	59,295	4%	146,969	2%
Lake	3,170	<1%	4,432	<1%
Lane	53,919	3%	1,213,778	18%
Lincoln	43,297	3%	101,869	2%
Linn	140,591	9%	382,285	6%
Malheur	10,145	1%	78,621	1%
Marion	112,016	7%	476,198	7%
Morrow	<1,000	<1%	38,236	1%
Multnomah	239,324	15%	1,098,310	16%
Polk	16,335	1%	14,479	<1%
Sherman	<1,000	<1%	<1,000	<1%
Tillamook	<1,000	<1%	59,018	1%
Umatilla	18,067	1%	72,504	1%
Union	22,975	1%	53,911	1%
Wallowa	5,379	<1%	100,237	1%
Wasco	7,409	<1%	86,444	1%
Washington	25,079	2%	130,481	2%
Wheeler	<1,000	<1%	<1,000	<1%
Yamhill	76,939	5%	54,889	1%
Total	1,569,272		6,791,069	

Non-motorized Snow Activities										
County	**Downhill (alpine) skiing / snowboarding**		**Cross-country / Nordic skiing / skijoling on groomed trails**		**Cross-country / Nordic skiing / skijoling on ungroomed trails or off designated trails**		**Snowshoeing**		**Sledding, tubing, general snow play**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	83,332	1%	18,627	2%	8,734	1%	33,187	3%	75,281	2%
Benton	<1,000	<1%	<1,000	<1%	1,668	<1%	1,944	<1%	70,335	2%
Clackamas	1,774,887	28%	115,702	13%	106,901	16%	196,685	19%	551,123	13%
Clatsop	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	29,228	1%
Columbia	2,397	<1%	2,492	<1%	<1,000	<1%	<1,000	<1%	39,371	1%
Coos	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	18,377	<1%
Crook	<1,000	<1%	<1,000	<1%	4,600	1%	<1,000	<1%	10,291	<1%
Curry	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	5,312	<1%
Deschutes	1,927,253	30%	346,554	40%	229,157	34%	203,364	20%	748,328	18%
Douglas	6,792	<1%	1,258	<1%	6,580	1%	7,027	1%	125,738	3%
Gilliam	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	<1,000	<1%	<1,000	<1%	1,291	<1%	<1,000	<1%	25,924	1%
Harney	<1,000	<1%	<1,000	<1%	2,612	<1%	<1,000	<1%	18,322	<1%
Hood River	1,642,604	26%	177,542	21%	87,750	13%	183,909	18%	370,950	9%
Jackson	248,762	4%	49,593	6%	59,474	9%	23,564	2%	131,623	3%
Jefferson	37,831	1%	<1,000	<1%	2,916	<1%	5,133	<1%	59,561	1%
Josephine	15,996	<1%	<1,000	<1%	1,887	<1%	7,204	1%	63,450	2%
Klamath	41,005	1%	11,240	1%	20,389	3%	73,491	7%	102,676	2%
Lake	12,972	<1%	<1,000	<1%	1,568	<1%	2,575	<1%	17,693	<1%
Lane	235,637	4%	94,020	11%	103,866	15%	186,086	18%	320,179	8%
Lincoln	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	11,104	<1%
Linn	55,358	1%	8,985	1%	14,741	2%	3,902	<1%	121,997	3%
Malheur	8,398	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	93,358	2%
Marion	10,951	<1%	9,885	1%	3,772	1%	15,268	1%	206,243	5%
Morrow	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	18,397	<1%
Multnomah	236,992	4%	11,863	1%	<1,000	<1%	30,850	3%	234,157	6%
Polk	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	42,008	1%
Sherman	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	4,097	<1%
Tillamook	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	21,815	1%
Umatilla	8,409	<1%	1,197	<1%	4,514	1%	9,090	1%	102,656	2%
Union	56,526	1%	13,202	2%	11,749	2%	33,685	3%	171,834	4%
Wallowa	13,532	<1%	<1,000	<1%	8,714	1%	6,453	1%	94,225	2%
Wasco	<1,000	<1%	<1,000	<1%	<1,000	<1%	9,703	1%	58,481	1%
Washington	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	120,619	3%
Wheeler	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Yamhill	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	34,757	1%
Total	6,420,325		862,734		682,881		1,034,870		4,119,510	

Outdoor Leisure and Sporting Activities										
County	**Sightseeing / driving or motorcycling for pleasure**		**Picnicking**		**General play at a neighborhood park / playground**		**Dog walking / going to dog parks / off-leash areas**		**Relaxing, hanging out, escaping heat / noise, etc.**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	351,701	1%	192,377	1%	160,326	<1%	538,749	1%	436,603	1%
Benton	1,109,969	2%	386,765	2%	1,814,512	3%	4,239,446	4%	2,491,932	3%
Clackamas	2,893,600	6%	2,621,670	13%	6,731,166	9%	8,837,299	8%	6,891,721	9%
Clatsop	2,691,679	6%	380,320	2%	473,094	1%	1,138,564	1%	1,881,919	2%
Columbia	2,349,553	5%	142,566	1%	1,202,892	2%	997,290	1%	671,970	1%
Coos	1,257,292	3%	443,801	2%	894,026	1%	1,202,281	1%	1,403,950	2%
Crook	250,275	1%	60,024	<1%	87,223	<1%	193,108	<1%	279,861	<1%
Curry	418,663	1%	196,365	1%	184,468	<1%	587,924	1%	1,016,344	1%
Deschutes	2,206,758	5%	724,194	3%	1,581,253	2%	3,628,798	3%	4,140,522	5%
Douglas	1,369,424	3%	460,474	2%	732,341	1%	1,568,821	1%	2,157,627	3%
Gilliam	37,389	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	192,696	<1%	48,674	<1%	266,562	<1%	222,110	<1%	231,479	<1%
Harney	222,260	<1%	68,596	<1%	99,081	<1%	137,263	<1%	207,103	<1%
Hood River	781,723	2%	162,714	1%	274,112	<1%	752,870	1%	800,505	1%
Jackson	1,820,600	4%	940,258	5%	2,476,561	3%	2,429,734	2%	3,132,262	4%
Jefferson	252,557	1%	70,778	<1%	114,745	<1%	167,737	<1%	464,802	1%
Josephine	1,017,169	2%	466,116	2%	1,441,448	2%	788,959	1%	2,173,852	3%
Klamath	669,360	1%	451,493	2%	700,671	1%	1,273,549	1%	1,869,988	2%
Lake	262,329	1%	100,491	<1%	35,781	<1%	96,455	<1%	187,923	<1%
Lane	5,306,364	11%	2,880,041	14%	7,458,638	10%	9,526,924	9%	8,290,263	11%
Lincoln	2,093,709	4%	824,997	4%	315,096	<1%	1,049,240	1%	1,978,770	3%
Linn	1,306,301	3%	478,495	2%	1,926,261	3%	2,985,967	3%	3,467,504	5%
Malheur	254,665	1%	97,644	<1%	408,497	1%	389,405	<1%	534,152	1%
Marion	3,136,912	7%	1,296,761	6%	4,625,631	6%	7,397,653	7%	4,537,367	6%
Morrow	111,764	<1%	35,487	<1%	108,800	<1%	142,158	<1%	163,180	<1%
Multnomah	4,755,828	10%	3,813,902	18%	20,111,728	28%	37,293,501	35%	12,106,547	16%
Polk	858,899	2%	207,466	1%	1,245,124	2%	1,069,213	1%	1,318,295	2%
Sherman	38,588	<1%	<1,000	<1%	60,899	<1%	<1,000	<1%	271,394	<1%
Tillamook	1,182,036	3%	313,983	2%	655,520	1%	832,206	1%	1,188,593	2%
Umatilla	775,062	2%	513,502	2%	1,283,830	2%	1,147,352	1%	1,502,908	2%
Union	1,063,609	2%	367,555	2%	851,950	1%	885,022	1%	1,278,372	2%
Wallowa	287,990	1%	77,974	<1%	51,458	<1%	205,195	<1%	223,067	<1%
Wasco	470,399	1%	140,665	1%	568,896	1%	543,076	1%	746,527	1%
Washington	4,495,794	10%	1,488,280	7%	10,737,234	15%	12,741,817	12%	5,914,454	8%
Wheeler	10,856	<1%	9,171	<1%	<1,000	<1%	82,194	<1%	46,185	<1%
Yamhill	820,197	2%	300,697	1%	1,791,955	3%	1,623,736	2%	1,351,149	2%
Total	47,123,967		20,764,294		71,471,779		106,715,614		75,359,088	

County	Attending outdoor concerts, fairs, festivals		Tennis (played outdoors)		Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)		Baseball or softball		Football, soccer, lacrosse, rugby, ultimate frisbee	
	#	%	#	%	#	%	#	%	#	%
Baker	26,274	<1%	3,505	<1%	36,499	<1%	46,072	1%	43,316	<1%
Benton	222,682	2%	113,014	3%	417,506	4%	363,265	4%	877,182	6%
Clackamas	687,999	6%	128,563	3%	561,372	5%	614,296	7%	849,694	6%
Clatsop	120,724	1%	18,876	<1%	58,736	1%	93,181	1%	44,116	<1%
Columbia	122,295	1%	9,291	<1%	13,957	<1%	119,543	1%	70,892	1%
Coos	346,479	3%	26,181	1%	55,510	1%	78,334	1%	81,447	1%
Crook	37,248	<1%	<1,000	<1%	10,536	<1%	11,349	<1%	15,560	<1%
Curry	35,941	<1%	28,281	1%	38,493	<1%	32,107	<1%	58,144	<1%
Deschutes	865,369	8%	264,108	7%	277,087	3%	187,360	2%	411,947	3%
Douglas	277,744	3%	78,786	2%	48,240	<1%	205,544	2%	279,860	2%
Gilliam	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	9,033	<1%	<1,000	<1%	38,185	<1%	39,274	<1%	28,699	<1%
Harney	10,958	<1%	<1,000	<1%	38,151	<1%	34,107	<1%	32,123	<1%
Hood River	65,139	1%	84,110	2%	9,990	<1%	32,302	<1%	67,113	<1%
Jackson	538,233	5%	232,250	6%	202,812	2%	308,000	3%	364,371	3%
Jefferson	22,579	<1%	22,945	1%	20,873	<1%	22,239	<1%	63,088	<1%
Josephine	269,806	2%	172,846	4%	314,128	3%	158,597	2%	305,595	2%
Klamath	98,337	1%	83,241	2%	310,176	3%	73,231	1%	57,128	<1%
Lake	24,550	<1%	4,353	<1%	<1,000	<1%	6,484	<1%	11,340	<1%
Lane	1,194,789	11%	341,729	9%	1,896,635	17%	1,097,134	12%	572,985	4%
Lincoln	80,732	1%	13,226	<1%	57,979	1%	87,101	1%	116,918	1%
Linn	298,257	3%	70,906	2%	251,100	2%	338,140	4%	164,906	1%
Malheur	50,516	<1%	19,812	<1%	93,021	1%	108,144	1%	82,239	1%
Marion	502,093	5%	286,140	7%	1,670,705	15%	903,922	10%	1,601,232	12%
Morrow	10,248	<1%	3,590	<1%	37,627	<1%	59,255	1%	52,550	<1%
Multnomah	3,835,864	35%	1,143,507	29%	2,540,562	23%	1,095,078	12%	2,591,889	19%
Polk	146,688	1%	23,327	1%	237,438	2%	186,451	2%	67,766	<1%
Sherman	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	39,748	<1%	4,438	<1%	17,816	<1%	23,945	<1%	12,666	<1%
Umatilla	145,037	1%	114,634	3%	190,294	2%	324,544	4%	296,347	2%
Union	61,491	1%	14,797	<1%	166,679	2%	144,077	2%	211,066	2%
Wallowa	23,299	<1%	1,683	<1%	12,586	<1%	24,987	<1%	11,035	<1%
Wasco	52,644	<1%	8,143	<1%	40,442	<1%	57,860	1%	97,386	1%
Washington	543,565	5%	632,468	16%	1,246,258	11%	1,780,678	20%	3,756,317	28%
Wheeler	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Yamhill	151,825	1%	42,759	1%	68,963	1%	301,638	3%	282,202	2%
Total	10,918,188		3,991,507		10,980,357		8,958,239		13,579,119	

County	Golf		Disc golf		Skateboarding, inline skating, roller skating, roller skiing		Rock climbing, bouldering, mountaineering		Orienteering, geocaching	
	#	%	#	%	#	%	#	%	#	%
Baker	14,863	<1%	<1,000	<1%	13,391	<1%	43,964	3%	7,505	<1%
Benton	368,372	5%	508,021	11%	78,342	1%	47,987	3%	40,866	1%
Clackamas	499,100	7%	153,757	3%	159,260	3%	38,403	2%	225,023	8%
Clatsop	50,477	1%	15,364	<1%	82,840	1%	3,508	<1%	13,744	<1%
Columbia	74,882	1%	7,316	<1%	60,540	1%	1,046	<1%	179,920	6%
Coos	93,275	1%	104,296	2%	67,956	1%	16,085	1%	25,085	1%
Crook	26,750	<1%	<1,000	<1%	11,692	<1%	52,549	3%	85,403	3%
Curry	30,774	<1%	<1,000	<1%	7,731	<1%	8,215	1%	26,844	1%
Deschutes	727,846	10%	235,560	5%	260,058	4%	411,647	27%	273,567	10%
Douglas	120,026	2%	266,952	6%	81,277	1%	70,739	5%	30,172	1%
Gilliam	12,557	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	16,311	<1%	<1,000	<1%	4,532	<1%	1,591	<1%	<1,000	<1%
Harney	15,015	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Hood River	44,057	1%	11,222	<1%	24,818	<1%	35,130	2%	4,605	<1%
Jackson	435,947	6%	39,983	1%	74,746	1%	95,508	6%	103,041	4%
Jefferson	56,567	1%	21,527	<1%	27,155	<1%	2,677	<1%	3,132	<1%
Josephine	212,476	3%	150,475	3%	67,988	1%	109,957	7%	147,866	5%
Klamath	84,167	1%	16,502	<1%	303,902	5%	246,037	16%	93,180	3%
Lake	5,716	<1%	<1,000	<1%	<1,000	<1%	2,503	<1%	16,239	1%
Lane	668,138	9%	338,262	7%	378,518	6%	97,632	6%	204,769	7%
Lincoln	76,882	1%	<1,000	<1%	48,506	1%	<1,000	<1%	10,354	<1%
Linn	45,033	1%	155,255	3%	720,081	12%	27,077	2%	205,886	7%
Malheur	64,316	1%	8,789	<1%	220,002	4%	8,072	1%	4,742	<1%
Marion	268,081	4%	184,337	4%	840,070	14%	28,437	2%	133,056	5%
Morrow	40,563	1%	<1,000	<1%	81,316	1%	<1,000	<1%	<1,000	<1%
Multnomah	1,356,477	19%	1,241,609	26%	1,061,726	18%	68,294	4%	585,447	21%
Polk	44,136	1%	191,549	4%	231,459	4%	<1,000	<1%	3,181	<1%
Sherman	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	28,302	<1%	<1,000	<1%	2,136	<1%	14,349	1%	33,484	1%
Umatilla	102,907	1%	192,321	4%	81,049	1%	1,333	<1%	85,073	3%
Union	67,552	1%	49,780	1%	171,846	3%	46,242	3%	7,150	<1%
Wallowa	10,920	<1%	<1,000	<1%	<1,000	<1%	18,246	1%	18,892	1%
Wasco	42,120	1%	97,954	2%	29,017	<1%	7,323	<1%	11,233	<1%
Washington	1,457,892	20%	644,543	14%	604,077	10%	39,518	3%	216,426	8%
Wheeler	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Yamhill	142,898	2%	57,843	1%	239,023	4%	<1,000	<1%	56,301	2%
Total	7,305,394		4,693,627		6,035,054		1,544,070		2,852,185	

County	Hang gliding, sky diving, paragliding		Visiting historic sites / history-themed parks	
	#	%	#	%
Baker	<1,000	<1%	271,615	3%
Benton	<1,000	<1%	86,012	1%
Clackamas	7,919	5%	443,659	5%
Clatsop	59,508	36%	766,688	8%
Columbia	1,807	1%	54,445	1%
Coos	<1,000	<1%	125,129	1%
Crook	<1,000	<1%	30,042	<1%
Curry	<1,000	<1%	155,112	2%
Deschutes	<1,000	<1%	542,235	6%
Douglas	<1,000	<1%	157,344	2%
Gilliam	<1,000	<1%	<1,000	<1%
Grant	<1,000	<1%	98,419	1%
Harney	<1,000	<1%	29,734	<1%
Hood River	<1,000	<1%	216,867	2%
Jackson	31,895	19%	334,359	4%
Jefferson	<1,000	<1%	24,701	<1%
Josephine	<1,000	<1%	184,884	2%
Klamath	<1,000	<1%	231,534	3%
Lake	<1,000	<1%	34,892	<1%
Lane	8,308	5%	681,560	7%
Lincoln	23,850	15%	326,717	4%
Linn	2,215	1%	138,026	2%
Malheur	<1,000	<1%	70,866	1%
Marion	6,788	4%	611,186	7%
Morrow	<1,000	<1%	13,937	<1%
Multnomah	21,354	13%	2,213,680	24%
Polk	<1,000	<1%	83,088	1%
Sherman	<1,000	<1%	12,414	<1%
Tillamook	<1,000	<1%	202,467	2%
Umatilla	<1,000	<1%	99,082	1%
Union	<1,000	<1%	82,855	1%
Wallowa	<1,000	<1%	55,097	1%
Wasco	<1,000	<1%	59,258	1%
Washington	<1,000	<1%	419,511	5%
Wheeler	<1,000	<1%	87,021	1%
Yamhill	<1,000	<1%	196,321	2%
Total	163,643		9,140,757	

Nature Study Activities										
County	**Bird watching**		**Whale watching**		**Exploring tidepools**		**Other nature / wildlife / forest / wildflower observation**		**Visiting botanical gardens**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	207,002	1%	0	0%	0	0%	357,165	1%	1,210	<1%
Benton	928,139	3%	0	0%	0	0%	1,157,038	5%	50,645	3%
Clackamas	1,297,761	5%	0	0%	0	0%	1,636,015	6%	17,437	1%
Clatsop	572,069	2%	278,553	14%	992,709	16%	529,052	2%	29,914	2%
Columbia	588,482	2%	0	0%	0	0%	609,751	2%	17,753	1%
Coos	590,321	2%	192,237	10%	637,894	10%	590,455	2%	220,317	13%
Crook	315,927	1%	0	0%	0	0%	157,811	1%	<1,000	<1%
Curry	380,760	1%	219,926	11%	482,829	8%	425,804	2%	56,332	3%
Deschutes	1,376,851	5%	0	0%	0	0%	1,637,867	6%	8,152	<1%
Douglas	1,218,893	4%	19,567	1%	30,676	1%	591,539	2%	7,310	<1%
Gilliam	<1,000	<1%	0	0%	0	0%	<1,000	<1%	<1,000	<1%
Grant	226,489	1%	0	0%	0	0%	199,198	1%	<1,000	<1%
Harney	73,822	<1%	0	0%	0	0%	145,078	1%	<1,000	<1%
Hood River	122,405	<1%	0	0%	0	0%	371,952	1%	<1,000	<1%
Jackson	1,642,165	6%	0	0%	0	0%	1,239,535	5%	15,707	1%
Jefferson	343,565	1%	0	0%	0	0%	301,972	1%	<1,000	<1%
Josephine	1,549,690	6%	0	0%	0	0%	684,264	3%	18,936	1%
Klamath	1,448,752	5%	0	0%	0	0%	1,285,746	5%	1,031	<1%
Lake	38,750	<1%	0	0%	0	0%	80,366	<1%	<1,000	<1%
Lane	3,168,767	12%	76,607	4%	518,988	8%	2,849,965	11%	92,394	5%
Lincoln	1,083,113	4%	945,457	49%	2,564,634	42%	1,382,942	5%	31,627	2%
Linn	1,312,036	5%	0	0%	0	0%	868,364	3%	18,065	1%
Malheur	183,382	1%	0	0%	0	0%	161,020	1%	3,691	<1%
Marion	1,634,962	6%	0	0%	0	0%	1,760,986	7%	156,432	9%
Morrow	68,299	<1%	0	0%	0	0%	75,757	<1%	<1,000	<1%
Multnomah	1,677,679	6%	0	0%	0	0%	2,226,447	9%	899,101	52%
Polk	570,821	2%	0	0%	0	0%	491,826	2%	23,355	1%
Sherman	<1,000	<1%	0	0%	0	0%	<1,000	<1%	<1,000	<1%
Tillamook	456,258	2%	164,578	9%	636,491	10%	544,916	2%	7,838	<1%
Umatilla	458,556	2%	0	0%	0	0%	290,295	1%	<1,000	<1%
Union	312,140	1%	0	0%	0	0%	289,263	1%	<1,000	<1%
Wallowa	105,187	<1%	0	0%	0	0%	170,138	1%	<1,000	<1%
Wasco	228,781	1%	0	0%	0	0%	182,249	1%	4,157	<1%
Washington	2,586,628	9%	0	0%	0	0%	2,055,107	8%	40,585	2%
Wheeler	<1,000	<1%	0	0%	0	0%	18,525	<1%	<1,000	<1%
Yamhill	720,446	3%	0	0%	0	0%	227,896	1%	1,906	<1%
Total	27,488,894		1,934,260		6,130,359		25,596,300		1,723,894	

County	Visiting nature centers		Outdoor photography, painting, drawing		Collecting (rocks, plants, mushrooms, berries)	
	#	%	#	%	#	%
Baker	3,652	<1%	200,432	1%	283,737	2%
Benton	33,296	1%	732,069	5%	409,760	3%
Clackamas	170,857	6%	1,074,764	7%	853,904	7%
Clatsop	79,573	3%	390,452	3%	407,582	3%
Columbia	2,431	<1%	412,891	3%	233,136	2%
Coos	70,047	2%	315,286	2%	497,265	4%
Crook	<1,000	<1%	46,224	<1%	50,624	<1%
Curry	32,041	1%	186,640	1%	421,194	3%
Deschutes	172,487	6%	663,562	4%	458,747	4%
Douglas	34,414	1%	508,512	3%	441,605	3%
Gilliam	932	<1%	<1,000	<1%	<1,000	<1%
Grant	60,356	2%	48,718	<1%	49,670	<1%
Harney	3,086	<1%	33,160	<1%	47,168	<1%
Hood River	8,262	<1%	360,718	2%	96,644	1%
Jackson	108,346	4%	792,778	5%	304,506	2%
Jefferson	4,766	<1%	108,019	1%	66,008	1%
Josephine	51,705	2%	317,439	2%	246,168	2%
Klamath	28,280	1%	893,979	6%	958,949	8%
Lake	<1,000	<1%	36,417	<1%	46,083	<1%
Lane	149,608	5%	1,469,722	10%	1,524,568	12%
Lincoln	235,182	8%	509,908	3%	1,076,690	9%
Linn	13,508	<1%	552,797	4%	499,401	4%
Malheur	4,369	<1%	184,869	1%	88,407	1%
Marion	185,089	6%	1,202,225	8%	523,555	4%
Morrow	<1,000	<1%	42,777	<1%	18,929	<1%
Multnomah	1,067,659	36%	1,649,290	11%	1,181,812	9%
Polk	18,843	1%	258,352	2%	249,147	2%
Sherman	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	52,811	2%	402,439	3%	290,224	2%
Umatilla	6,440	<1%	250,327	2%	293,439	2%
Union	13,517	<1%	176,460	1%	407,888	3%
Wallowa	4,484	<1%	123,345	1%	78,680	1%
Wasco	6,929	<1%	117,800	1%	100,023	1%
Washington	313,723	11%	378,713	3%	191,467	2%
Wheeler	<1,000	<1%	26,457	<1%	22,733	<1%
Yamhill	9,877	<1%	324,385	2%	223,603	2%
Total	2,946,570		14,791,928		12,643,316	

Vehicle-based Camping Activities								
County	**RV / motorhome / trailer camping**		**Car camping with a tent**		**Motorcycle camping with a tent**		**Yurts / camper cabins**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	136,726	2%	125,959	2%	9,263	2%	6,160	1%
Benton	33,209	1%	37,226	<1%	<1,000	<1%	2,976	<1%
Clackamas	357,432	6%	595,934	7%	128,179	32%	62,837	9%
Clatsop	499,219	8%	108,132	1%	6,645	2%	43,700	6%
Columbia	17,839	<1%	51,812	1%	<1,000	<1%	<1,000	<1%
Coos	494,067	8%	245,194	3%	6,512	2%	55,987	8%
Crook	101,155	2%	43,929	1%	4,904	1%	<1,000	<1%
Curry	140,007	2%	123,018	1%	12,188	3%	32,819	5%
Deschutes	554,538	9%	1,805,756	22%	60,774	15%	40,096	6%
Douglas	392,299	6%	297,461	4%	2,794	1%	16,562	2%
Gilliam	<1,000	<1%	4,364	<1%	<1,000	<1%	<1,000	<1%
Grant	163,083	3%	46,214	1%	3,620	1%	2,768	<1%
Harney	53,217	1%	65,161	1%	5,777	1%	<1,000	<1%
Hood River	70,517	1%	191,652	2%	<1,000	<1%	9,845	1%
Jackson	93,932	2%	229,776	3%	933	<1%	9,506	1%
Jefferson	83,691	1%	164,193	2%	<1,000	<1%	8,875	1%
Josephine	212,423	3%	209,509	3%	3,484	1%	22,937	3%
Klamath	195,112	3%	200,528	2%	10,958	3%	1,346	<1%
Lake	54,617	1%	37,781	<1%	269	<1%	<1,000	<1%
Lane	528,389	9%	894,358	11%	21,969	5%	22,838	3%
Lincoln	385,116	6%	559,205	7%	1,528	<1%	166,056	24%
Linn	254,788	4%	241,373	3%	<1,000	<1%	10,895	2%
Malheur	50,588	1%	33,410	<1%	<1,000	<1%	3,382	<1%
Marion	222,508	4%	350,893	4%	2,772	1%	80,800	12%
Morrow	74,572	1%	45,700	1%	<1,000	<1%	<1,000	<1%
Multnomah	54,038	1%	222,849	3%	<1,000	<1%	7,226	1%
Polk	<1,000	<1%	24,981	<1%	<1,000	<1%	<1,000	<1%
Sherman	12,114	<1%	6,350	<1%	<1,000	<1%	<1,000	<1%
Tillamook	379,810	6%	557,549	7%	106,690	26%	46,375	7%
Umatilla	124,241	2%	84,026	1%	4,828	1%	23,113	3%
Union	130,423	2%	72,724	1%	4,461	1%	<1,000	<1%
Wallowa	155,304	3%	323,563	4%	4,461	1%	2,602	<1%
Wasco	103,854	2%	108,709	1%	<1,000	<1%	<1,000	<1%
Washington	5,126	<1%	84,439	1%	<1,000	<1%	2,274	<1%
Wheeler	31,226	1%	40,582	<1%	<1,000	<1%	<1,000	<1%
Yamhill	14,863	<1%	45,699	1%	<1,000	<1%	15,219	2%
Total	6,180,044		8,280,008		404,123		698,126	

Fishing, Hunting, and Shooting Activities										
County	**Fly fishing**		**Fishing from a boat (other than fly fishing)**		**Fishing from a bank / shore (other than fly fishing)**		**Crabbing**		**Shellfishing / clamming**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	25,874	1%	83,281	1%	277,087	3%	0	0%	0	0%
Benton	19,377	1%	26,328	<1%	116,463	1%	0	0%	0	0%
Clackamas	63,725	2%	195,652	3%	635,862	7%	0	0%	0	0%
Clatsop	12,261	<1%	399,031	6%	208,372	2%	280,999	13%	686,417	36%
Columbia	<1,000	<1%	130,433	2%	137,614	1%	0	0%	0	0%
Coos	47,732	2%	340,690	5%	411,329	4%	584,444	28%	582,883	30%
Crook	29,226	1%	75,908	1%	69,312	1%	0	0%	0	0%
Curry	30,539	1%	108,511	2%	141,494	1%	79,250	4%	53,098	3%
Deschutes	601,253	21%	413,954	6%	313,490	3%	0	0%	0	0%
Douglas	49,234	2%	331,723	5%	374,462	4%	59,194	3%	13,431	1%
Gilliam	<1,000	<1%	<1,000	<1%	5,690	<1%	0	0%	0	0%
Grant	9,098	<1%	37,059	1%	88,273	1%	0	0%	0	0%
Harney	9,122	<1%	13,281	<1%	27,675	<1%	0	0%	0	0%
Hood River	49,582	2%	42,974	1%	81,108	1%	0	0%	0	0%
Jackson	195,279	7%	359,478	5%	535,613	6%	0	0%	0	0%
Jefferson	60,300	2%	26,272	<1%	134,177	1%	0	0%	0	0%
Josephine	149,329	5%	185,654	3%	167,100	2%	0	0%	0	0%
Klamath	514,766	18%	588,419	9%	596,191	6%	0	0%	0	0%
Lake	32,306	1%	47,510	1%	50,378	1%	0	0%	0	0%
Lane	313,805	11%	726,471	11%	933,174	10%	236,906	11%	112,012	6%
Lincoln	27,991	1%	344,424	5%	219,139	2%	490,914	23%	103,192	5%
Linn	29,056	1%	249,914	4%	605,025	6%	0	0%	0	0%
Malheur	15,978	1%	113,994	2%	235,224	2%	0	0%	0	0%
Marion	23,175	1%	157,595	2%	458,273	5%	0	0%	0	0%
Morrow	20,733	1%	60,063	1%	81,375	1%	0	0%	0	0%
Multnomah	93,712	3%	1,086,831	16%	949,100	10%	0	0%	0	0%
Polk	6,746	<1%	24,518	<1%	48,100	1%	0	0%	0	0%
Sherman	<1,000	<1%	<1,000	<1%	4,585	<1%	0	0%	0	0%
Tillamook	116,887	4%	153,851	2%	132,870	1%	321,775	15%	199,554	10%
Umatilla	17,166	1%	118,336	2%	251,231	3%	0	0%	0	0%
Union	97,663	3%	50,637	1%	268,744	3%	0	0%	0	0%
Wallowa	73,237	3%	33,071	<1%	109,917	1%	0	0%	0	0%
Wasco	108,970	4%	86,660	1%	197,933	2%	0	0%	0	0%
Washington	23,375	1%	180,820	3%	549,872	6%	0	0%	0	0%
Wheeler	<1,000	<1%	2,288	<1%	97,851	1%	0	0%	0	0%
Yamhill	<1,000	<1%	31,484	<1%	95,550	1%	0	0%	0	0%
Total	2,867,497		6,827,347		9,609,651		2,108,043		1,925,022	

County	Big game hunting with a gun		Big game hunting with a bow		Waterfowl hunting		Upland bird / small game hunting		Target / skeet shooting / archery	
	#	%	#	%	#	%	#	%	#	%
Baker	45,949	2%	43,665	5%	4,342	1%	43,483	3%	115,499	2%
Benton	60,443	2%	18,613	2%	18,982	2%	19,703	2%	143,640	2%
Clackamas	51,705	2%	6,421	1%	152,488	18%	3,373	<1%	539,843	8%
Clatsop	72,842	2%	15,145	2%	31,945	4%	29,178	2%	84,812	1%
Columbia	51,442	2%	23,947	3%	40,814	5%	13,363	1%	38,826	1%
Coos	131,677	4%	18,644	2%	14,321	2%	11,991	1%	177,350	3%
Crook	23,038	1%	28,107	3%	4,521	1%	5,033	<1%	36,982	1%
Curry	29,158	1%	9,222	1%	<1,000	<1%	5,669	<1%	90,576	1%
Deschutes	52,685	2%	9,313	1%	22,314	3%	26,704	2%	557,067	8%
Douglas	166,072	6%	61,899	7%	7,672	1%	58,194	5%	209,704	3%
Gilliam	2,306	<1%	<1,000	<1%	<1,000	<1%	1,495	<1%	<1,000	<1%
Grant	88,009	3%	37,585	4%	3,104	<1%	20,526	2%	37,689	1%
Harney	28,743	1%	10,182	1%	<1,000	<1%	13,503	1%	23,825	<1%
Hood River	44,597	1%	3,539	<1%	<1,000	<1%	4,753	<1%	30,717	<1%
Jackson	107,191	4%	105,645	11%	6,676	1%	92,122	7%	262,982	4%
Jefferson	10,523	<1%	3,035	<1%	1,188	<1%	2,791	<1%	30,666	<1%
Josephine	71,666	2%	15,223	2%	3,246	<1%	21,848	2%	330,419	5%
Klamath	270,233	9%	79,692	9%	129,073	15%	103,406	8%	824,110	12%
Lake	19,867	1%	4,341	<1%	30,194	4%	30,084	2%	46,830	1%
Lane	508,931	17%	97,064	10%	24,632	3%	114,741	9%	334,557	5%
Lincoln	41,747	1%	15,164	2%	<1,000	<1%	5,934	<1%	53,446	1%
Linn	198,700	7%	56,778	6%	25,060	3%	92,151	7%	312,312	5%
Malheur	93,465	3%	7,152	1%	24,443	3%	160,594	13%	136,534	2%
Marion	60,029	2%	2,883	<1%	24,473	3%	8,655	1%	141,292	2%
Morrow	36,356	1%	6,563	1%	9,661	1%	16,795	1%	33,546	<1%
Multnomah	7,978	<1%	65,913	7%	91,735	11%	154,877	12%	100,425	1%
Polk	107,652	4%	14,787	2%	54,689	6%	23,844	2%	209,035	3%
Sherman	7,122	<1%	<1,000	<1%	<1,000	<1%	2,148	<1%	<1,000	<1%
Tillamook	99,485	3%	7,955	1%	9,714	1%	11,137	1%	74,295	1%
Umatilla	99,798	3%	21,959	2%	22,455	3%	38,116	3%	102,538	2%
Union	127,280	4%	116,789	12%	63,727	7%	42,760	3%	200,904	3%
Wallowa	61,542	2%	9,380	1%	4,204	<1%	11,965	1%	19,990	<1%
Wasco	31,467	1%	7,562	1%	8,756	1%	71,515	6%	55,404	1%
Washington	147,954	5%	<1,000	<1%	3,956	<1%	<1,000	<1%	1,339,440	20%
Wheeler	26,463	1%	5,383	1%	<1,000	<1%	10,435	1%	<1,000	<1%
Yamhill	24,812	1%	5,483	1%	14,502	2%	624	<1%	125,054	2%
Total	3,008,931		935,034		852,885		1,273,510		6,820,307	

Non-motorized Water-based and Beach Activities										
County	**White-water canoeing, kayaking, rafting**		**Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating**		**Surfing / ocean stand-up paddling**		**Windsurfing / kiteboarding**		**Sailing**	
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Baker	2,761	<1%	11,327	<1%	0	0%	<1,000	<1%	<1,000	<1%
Benton	18,350	1%	48,105	1%	0	0%	<1,000	<1%	<1,000	<1%
Clackamas	260,848	9%	344,994	9%	0	0%	<1,000	<1%	1,467	<1%
Clatsop	12,030	<1%	432,478	11%	529,738	58%	510,720	73%	19,932	2%
Columbia	8,176	<1%	29,759	1%	0	0%	<1,000	<1%	10,353	1%
Coos	30,404	1%	174,481	4%	124,964	14%	1,096	<1%	8,578	1%
Crook	9,581	<1%	21,641	1%	0	0%	<1,000	<1%	<1,000	<1%
Curry	18,075	1%	29,524	1%	33,385	4%	7,143	1%	2,992	<1%
Deschutes	1,196,799	41%	503,834	13%	0	0%	1,991	<1%	2,648	<1%
Douglas	48,505	2%	80,122	2%	<1,000	<1%	<1,000	<1%	5,196	<1%
Gilliam	<1,000	<1%	<1,000	<1%	0	0%	<1,000	<1%	<1,000	<1%
Grant	8,627	<1%	2,848	<1%	0	0%	<1,000	<1%	<1,000	<1%
Harney	<1,000	<1%	<1,000	<1%	0	0%	<1,000	<1%	<1,000	<1%
Hood River	27,869	1%	59,033	1%	0	0%	176,012	25%	12,255	1%
Jackson	183,137	6%	160,396	4%	0	0%	<1,000	<1%	6,307	1%
Jefferson	18,100	1%	26,082	1%	0	0%	<1,000	<1%	<1,000	<1%
Josephine	152,507	5%	14,222	<1%	0	0%	<1,000	<1%	<1,000	<1%
Klamath	25,587	1%	105,992	3%	0	0%	<1,000	<1%	420,293	34%
Lake	<1,000	<1%	13,817	<1%	0	0%	<1,000	<1%	<1,000	<1%
Lane	130,095	4%	359,911	9%	3,951	<1%	<1,000	<1%	149,874	12%
Lincoln	33,821	1%	71,395	2%	81,544	9%	<1,000	<1%	40,179	3%
Linn	273,963	9%	48,192	1%	0	0%	<1,000	<1%	6,585	1%
Malheur	2,577	<1%	1,709	<1%	0	0%	<1,000	<1%	<1,000	<1%
Marion	30,947	1%	67,937	2%	0	0%	<1,000	<1%	<1,000	<1%
Morrow	<1,000	<1%	21,485	1%	0	0%	<1,000	<1%	<1,000	<1%
Multnomah	155,777	5%	1,173,062	29%	0	0%	<1,000	<1%	478,942	39%
Polk	<1,000	<1%	3,392	<1%	0	0%	<1,000	<1%	<1,000	<1%
Sherman	<1,000	<1%	<1,000	<1%	0	0%	<1,000	<1%	<1,000	<1%
Tillamook	10,466	<1%	63,770	2%	81,218	9%	<1,000	<1%	2,618	<1%
Umatilla	4,853	<1%	31,964	1%	0	0%	<1,000	<1%	<1,000	<1%
Union	16,746	1%	23,164	1%	0	0%	<1,000	<1%	<1,000	<1%
Wallowa	9,804	<1%	9,980	<1%	0	0%	<1,000	<1%	<1,000	<1%
Wasco	215,569	7%	9,071	<1%	0	0%	<1,000	<1%	<1,000	<1%
Washington	3,715	<1%	23,010	1%	0	0%	<1,000	<1%	67,233	5%
Wheeler	2,071	<1%	<1,000	<1%	0	0%	<1,000	<1%	<1,000	<1%
Yamhill	<1,000	<1%	15,962	<1%	0	0%	<1,000	<1%	<1,000	<1%
Total	2,911,759		3,982,657		906,839		696,961		1,235,451	

County	Beach activities - ocean		Beach activities – lakes, reservoirs, rivers, etc.		Swimming / playing in outdoor pools / spray parks		Snorkeling / SCUBA diving	
	#	%	#	%	#	%	#	%
Baker	0	0%	59,028	<1%	41,001	<1%	<1,000	<1%
Benton	0	0%	191,342	1%	389,839	3%	<1,000	<1%
Clackamas	0	0%	1,469,374	10%	1,078,274	7%	420,281	41%
Clatsop	4,396,791	25%	946,764	6%	185,945	1%	2,416	<1%
Columbia	0	0%	212,510	1%	83,397	1%	<1,000	<1%
Coos	1,518,498	9%	604,807	4%	424,039	3%	14,740	1%
Crook	0	0%	81,334	1%	11,401	<1%	<1,000	<1%
Curry	1,274,728	7%	344,391	2%	34,721	<1%	15,391	2%
Deschutes	0	0%	1,054,530	7%	900,024	6%	20,757	2%
Douglas	224,567	1%	464,461	3%	351,358	2%	69,509	7%
Gilliam	0	0%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Grant	0	0%	21,158	<1%	23,579	<1%	<1,000	<1%
Harney	0	0%	11,657	<1%	29,236	<1%	<1,000	<1%
Hood River	0	0%	422,269	3%	60,169	<1%	11,819	1%
Jackson	0	0%	1,242,047	8%	870,670	6%	4,034	<1%
Jefferson	0	0%	139,704	1%	103,024	1%	5,213	1%
Josephine	0	0%	394,982	3%	551,191	4%	22,829	2%
Klamath	0	0%	294,328	2%	92,965	1%	10,747	1%
Lake	0	0%	54,941	<1%	34,536	<1%	<1,000	<1%
Lane	1,425,211	8%	2,561,091	17%	1,386,065	9%	150,901	15%
Lincoln	6,152,827	36%	935,877	6%	104,114	1%	33,160	3%
Linn	0	0%	524,650	3%	503,173	3%	78,131	8%
Malheur	0	0%	61,973	<1%	126,942	1%	<1,000	<1%
Marion	0	0%	425,451	3%	922,822	6%	132,822	13%
Morrow	0	0%	53,498	<1%	31,506	<1%	<1,000	<1%
Multnomah	0	0%	1,497,062	10%	2,663,200	18%	9,316	1%
Polk	0	0%	61,902	<1%	220,013	1%	<1,000	<1%
Sherman	0	0%	<1,000	<1%	<1,000	<1%	<1,000	<1%
Tillamook	1,929,171	11%	368,987	2%	34,645	<1%	8,486	1%
Umatilla	0	0%	209,941	1%	449,610	3%	<1,000	<1%
Union	0	0%	79,649	1%	134,018	1%	<1,000	<1%
Wallowa	0	0%	218,901	1%	57,543	<1%	2,575	<1%
Wasco	0	0%	133,934	1%	222,908	2%	<1,000	<1%
Washington	0	0%	187,610	1%	2,309,893	16%	<1,000	<1%
Wheeler	0	0%	13,286	<1%	<1,000	<1%	<1,000	<1%
Yamhill	0	0%	71,566	<1%	345,174	2%	<1,000	<1%
Total	17,274,553		15,415,008		14,776,997		1,013,127	

Appendix Table 2. Percent of Population Participating in Outdoor Recreation Activities, Oregon Counties, 2011

Activity	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
Non-motorized Trail Activities									
Walking on local streets / sidewalks	79.7	72.8	58.0	64.2	62.9	64.6	58.5	59.1	74.5
Walking on local trails / paths	74.1	69.7	56.3	61.7	49.0	57.8	50.7	61.2	69.6
Walking / day hiking on non-local trails / paths	53.9	53.8	45.0	42.5	34.6	39.6	40.0	38.4	53.2
Long-distance hiking (back packing)	38.5	18.3	7.9	9.5	7.9	9.8	9.4	5.9	21.8
Jogging / running on streets / sidewalks	26.9	22.4	15.8	10.6	12.5	10.2	14.2	5.6	22.3
Jogging / running on trails / paths	25.1	20.0	9.3	10.6	10.3	10.1	11.4	3.6	20.0
Horseback riding	16.2	4.0	5.7	4.5	7.3	5.5	6.5	4.4	4.1
Bicycling on unpaved trails	16.0	17.0	6.6	10.2	6.0	10.6	11.7	7.5	25.0
Bicycling on paved trails	17.9	32.9	20.9	28.0	15.2	15.0	15.2	10.1	31.0
Bicycling on roads, streets / sidewalks	45.8	42.7	22.3	28.0	26.2	21.1	25.4	18.6	36.7
Bicycle touring on paved roads / paths (long day / multi-day rides)	3.7	13.1	8.3	7.1	7.5	2.1	5.4	3.2	14
Motorized Activities									
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)	32.1	9.6	8.8	11.1	17.6	29.4	18.3	15.0	12.9
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)	37.2	9.7	8.4	8.8	16.4	30.7	13.8	17.5	12.9
Class III – Off-road motorcycling	5.9	2.5	4.1	2.3	4.6	8.7	3.4	3.5	6.2
Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)	6.5	1.3	1.2	1.1	5.6	7.5	5.4	1.2	3.3
Snowmobiling	17.3	3.2	1.5	1.7	3.9	1.8	2.2	1.9	10.0
Personal water craft – jet ski	4.7	3.4	3.3	2.1	6.3	4.9	1.4	3.1	11.3
Power boating (cruising / water skiing)	19.7	17.5	16.2	17.5	26.0	24.7	26.4	16.7	23.1
Non-motorized Snow Activities									
Downhill (alpine) skiing / snowboarding	16.6	23.0	14.7	9.7	10.4	9.5	7.8	2.8	20.2
Cross-country / Nordic skiing / skijoring on groomed trails	4.8	6.2	4.3	1.9	2.4	1.7	2.5	1.3	14.4
Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails	6.2	6.1	2.1	3.2	<1.0	1.6	4.9	1.1	7.9
Snowshoeing	14.6	9.4	5.5	3.6	4.6	4.3	8.6	1.1	19.0
Sledding, tubing, or general snow play	45.6	29.5	24.6	21.4	24.0	17.8	18.9	16.1	35.4
Outdoor Leisure / Sporting Activities									
Sightseeing / driving or motorcycling for pleasure	69.4	55.3	52.9	61.6	64.7	61.4	64.7	57.8	59.8
Picnicking	66.6	52.0	46.1	50.4	51.6	50.3	37.3	46.7	53.4
General play at a neighborhood park / playground	41.9	46.3	39.2	35.6	48.6	44.9	37.6	35.2	46.6
Dog walking / going to dog parks / off-leash areas	36.2	31.7	27.4	32.3	26.4	28.5	24.4	32.5	41.1
Relaxing, hanging out, escaping heat / noise, etc.	52.8	57.8	44.9	52.6	56.2	52.7	46.9	49.1	57.4

Activity	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
Attending outdoor concerts, fairs, festivals	49.4	60.2	49.0	43.0	51.4	36.5	49.1	46.1	59.6
Tennis (played outdoors)	5.5	8.0	4.6	2.7	2.0	2.9	4.1	5.2	8.9
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)	13.8	10.9	10.0	7.4	6.6	6.1	3.4	4.9	11.0
Baseball / softball	16.4	12.8	6.7	8.7	10.9	5.3	7.9	8.7	6.9
Football, soccer, lacrosse, rugby, ultimate frisbee	20.7	16.5	7.8	5.5	20.4	4.6	7.9	6.3	8.7
Golf	10.1	13.3	14.6	10.5	8.9	10.8	9.2	11.9	15.7
Disc golf	1.7	15.2	6.5	4.9	9.5	10.3	2.0	4.4	5.6
Skateboarding, inline skating, roller skating, roller skiing	4.2	2.4	3.0	4.8	7.4	2.1	2.3	4.2	9.3
Rock climbing, bouldering, mountaineering	13.2	5.6	1.7	2.0	2.0	4.0	2.0	4.7	15.9
Orienteering, geocaching	2.2	5.7	4.0	5.2	4.8	5.1	4.2	4.3	11.5
Hang gliding, sky diving, paragliding	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	47.2	40.2	42.0	57.5	61.8	29.0	40.0	45.3	43.8
Nature Study Activities									
Bird watching	13.1	16.5	9.7	21.8	15.7	13.2	17.1	21.5	18.1
Whale watching	2.5	19.4	12.0	17.9	10.0	26.4	10.0	30.8	8.4
Exploring tidepools	12.4	39.8	27.7	32.1	27.6	39.0	19.7	41.9	32.0
Other nature / wildlife / forest / wildflower observation	39.3	37.5	22.3	33.1	32.6	24.3	23.0	35.7	31.1
Visiting botanical gardens	3.7	13.9	9.4	7.5	10.2	31.5	5.1	13.3	9.0
Visiting nature centers	6.3	18.3	12.1	9.4	13.2	15.6	6.9	11.5	16.6
Outdoor photography, painting, drawing	19.9	19.8	13.6	18.7	17.9	15.8	12.9	21.3	17.9
Collecting (rocks, plants, mushrooms, berries)	47.3	24.0	13.0	32.8	28.8	37.2	20.0	36.3	21.9
Vehicle-based Camping Activities									
RV / motorhome / trailer camping	44.9	15.8	17.4	19.8	28.5	43.9	40.9	32.6	29.8
Car camping with a tent	45.0	40.9	31.2	22.5	36.1	32.4	23.1	22.2	39.9
Motorcycle camping with a tent	<1.0	1.5	1.5	<1.0	<1.0	3.3	1.0	2.7	5.0
Yurts / camper cabins	6.4	8.8	6.5	5.6	5.4	4.9	3.0	5.4	4.5
Fishing, Hunting, Shooting Activities									
Fly fishing	11.3	4.4	3.2	3.8	2.5	9.1	7.4	7.1	13.0
Fishing from a boat (other than fly fishing)	29.5	18.2	14.6	22.5	20.5	22.6	16.2	22.2	21.1
Fishing from a bank or shore (other than fly fishing)	49.5	16.4	12.4	25.0	23.7	24.1	25.5	22.7	19.4
Crabbing	6.4	10.4	11.3	23.6	15.5	28.8	5.0	16.8	11.1
Shellfishing / clamming	3.3	4.4	6.9	26.6	17.6	14.0	1.8	13.6	2.6
Big game hunting with a gun	29.1	6.4	7.1	12.2	15.0	15.8	19.2	12.9	8.7
Big game hunting with a bow	13.2	1.4	1.9	3.3	3.1	1.9	5.6	2.5	2.5
Waterfowl hunting	3.8	1.7	2.0	4.8	4.2	2.3	2.0	1.0	2.5
Upland bird or small game hunting	19.6	2.7	2.9	4.5	5.1	2.3	6.2	3.7	3.6
Target / skeet shooting / archery	23.2	10.5	7.1	10.9	8.6	19.2	16.5	17.8	18.2

Activity	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
Non-motorized Water-based and Beach Activities									
White-water canoeing, kayaking, rafting	9.7	11.1	11.1	6.1	7.0	22.4	9.5	16.0	13.5
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating	8.9	14.4	11.2	11.0	9.7	24.7	11.0	16.0	31.5
Surfing / ocean stand-up paddling	<1.0	2.1	<1.0	4.0	2.9	<1.0	<1.0	2.6	4.2
Windsurfing / kiteboarding	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0
Sailing	<1.0	3.0	2.8	2.2	5.0	1.3	<1.0	1.0	<1.0
Beach activities – ocean	25.2	60.1	51.4	61.7	56.9	53.5	28.0	53.6	48.1
Beach activities – lakes, reservoirs, rivers	33.5	28.4	29.0	38.3	31.7	31.9	29.4	33.6	55.3
Swimming / playing in outdoor pools / spray parks	16.0	21.5	18.9	11.8	22.0	12.1	10.8	11.3	27.8
Snorkeling / SCUBA diving	1.1	1.9	<1.0	<1.0	1.4	2.0	1.9	2.2	1.0

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

AppendixTable 2 continued.

Activity	Douglas	Gilliam*	Grant*	Harney*	Hood River	Jackson	Jefferson	Josephine	Klamath
Non-motorized Trail Activities									
Walking on local streets / sidewalks	61.6	61.8	76.1	56.7	67.5	67.7	64.8	63.3	57.9
Walking on local trails / paths	53.2	52.2	63.7	35.2	63.6	65.8	57.0	63.0	53.5
Walking / day hiking on non-local trails / paths	40.7	36.4	49.4	27.1	55.0	47.1	50.8	45.9	37.5
Long-distance hiking (back packing)	9.8	7.1	26.3	6.4	18.3	12.3	10.2	9.5	14.1
Jogging / running on streets / sidewalks	6.1	10.0	20.2	14.0	24.1	14.8	14.5	15.3	12.7
Jogging / running on trails / paths	4.5	7.2	14.5	7.2	23.5	12.7	11.1	12.0	14.2
Horseback riding	7.3	10.8	18.9	15.5	3.9	7.0	10.2	6.7	7.0
Bicycling on unpaved trails	8.9	11.2	15.4	7.8	28.7	14.4	13.5	9.9	17.7
Bicycling on paved trails	17.4	16.6	18.4	5.1	33.1	22.5	18.5	14.0	25.0
Bicycling on roads, streets / sidewalks	21.4	25.6	37.0	21.5	40.4	28.2	21.0	21.3	23.0
Bicycle touring on paved roads / paths (long day / multi-day rides)	6.4	4.3	5.4	5.7	20.5	9.2	3.8	5	7.1
Motorized Activities									
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)	19.3	25.2	40.1	35.5	4.8	10.3	19.3	10.2	21.1
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)	24.5	17.0	35.1	20.1	10.1	8.4	14.5	16.3	16.6
Class III – Off-road motorcycling	5.3	4.4	10.1	6.1	3.7	5.5	3.3	5.6	3.9
Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)	7.4	4.7	8.8	9.2	1.1	1.4	2.4	1.2	5.6
Snowmobiling	4.4	9.3	18.7	7.1	2.9	2.2	2.7	3.2	5.9
Personal water craft – jet ski	3.0	4.9	5.4	3.4	5.1	2.6	4.5	9.0	6.6
Power boating (cruising / water skiing)	23.3	16.6	26.9	21.8	14.0	17.0	18.7	16.5	21.6
Non-motorized Snow Activities									
Downhill (alpine) skiing / snowboarding	7.4	9.0	16.3	8.2	37.1	12.0	10.6	7.7	10.8
Cross-country / Nordic skiing / skijoring on groomed trails	1.0	1.9	7.2	1.6	20.1	6.5	3.3	1.0	2.0
Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails	<1.0	1.1	7.3	1.8	13.6	4.4	3.7	1.7	4.8
Snowshoeing	2.1	5.8	16.4	2.5	21.7	8.7	5.4	1.6	11.9
Sledding, tubing, or general snow play	31.4	35.4	44.8	30.7	30.5	21.6	26.8	25.2	37.5
Outdoor Leisure / Sporting Activities									
Sightseeing / driving or motorcycling for pleasure	66.8	58.6	73.6	56.3	51.5	57.3	64.2	59.4	56.5
Picnicking	46.5	50.8	72.7	49.6	42.3	53.3	58.5	62.5	48.3
General play at a neighborhood park / playground	43.1	46.3	53.9	36.7	39.6	47.3	43.5	37.2	37.4

Activity	Douglas	Gilliam*	Grant*	Harney*	Hood River	Jackson	Jefferson	Josephine	Klamath
Dog walking / going to dog parks / off-leash areas	29.5	29.1	33.6	17.7	30.4	19.9	22.2	28.6	26.5
Relaxing, hanging out, escaping heat / noise, etc.	50.9	46.4	61.2	41.7	57.3	55.1	44.7	53.3	44.7
Attending outdoor concerts, fairs, festivals	56.2	40.8	53.0	31.2	60.3	54.3	47.5	57.8	34.4
Tennis (played outdoors)	4.0	11.7	5.7	4.4	9.9	9.2	4.0	9.2	3.2
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)	8.2	13.3	14.0	9.8	5.7	8.5	6.1	16.7	6.7
Baseball / softball	6.5	10.4	16.5	8.9	7.8	6.5	13.4	18.2	10.1
Football, soccer, lacrosse, rugby, ultimate frisbee	13.4	9.3	16.7	11.0	13.6	7.2	5.7	7.2	8.0
Golf	10.1	12.6	10.1	11.5	12.4	11.0	16.5	14.7	14.0
Disc golf	9.6	6.5	7.9	1.5	7.3	3.4	6.4	15.0	4.5
Skateboarding, inline skating, roller skating, roller skiing	3.1	5.9	4.4	5.5	7.4	2.4	4.5	4.7	2.3
Rock climbing, bouldering, mountaineering	3.6	2.0	10.0	3.2	8.7	3.3	3.1	3.5	4.9
Orienteering, geocaching	3.2	4.6	4.4	3.1	6.3	2.4	5.3	13.0	3.6
Hang gliding, sky diving, paragliding	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	39.0	45.9	48.9	40.5	43.8	40.8	52.1	49.3	37.9
Nature Study Activities									
Bird watching	13.2	12.6	23.5	18.8	15.9	17.9	16.4	19.0	30.8
Whale watching	17.5	8.7	7.8	10.6	10.0	16.6	8.3	20.1	11.5
Exploring tidepools	31.1	18.5	18.7	15.7	32.2	36.6	16.7	28.3	21.8
Other nature / wildlife / forest / wildflower observation	28.4	23.0	40.9	19.6	34.2	33.1	20.5	35.9	27.6
Visiting botanical gardens	22.0	5.0	6.3	3.5	10.2	12.5	8.9	19.0	6.8
Visiting nature centers	10.6	7.3	8.6	7.0	13.6	13.9	12.8	21.4	15.4
Outdoor photography, painting, drawing	19.9	12.5	21.4	14.7	18.7	19.7	18.4	24.2	19.6
Collecting (rocks, plants, mushrooms, berries)	30.4	27.6	47.1	20.7	21.0	24.9	21.0	30.1	24.2
Vehicle-based Camping Activities									
RV / motorhome / trailer camping	31.7	35.8	41.9	31.4	19.6	19.1	44.9	24.2	34.9
Car camping with a tent	31.1	28.8	39.8	27.8	33.8	36.6	24.8	39.2	36.4
Motorcycle camping with a tent	1.2	2.6	1.2	1.5	1.2	<1.0	1.0	1.1	1.6
Yurts / camper cabins	8.0	8.5	5.1	6.5	6.5	12.5	3.3	10.4	9.1
Fishing, Hunting, Shooting Activities									
Fly fishing	2.6	5.7	11.9	4.7	6.3	5.5	9.5	5.4	11.6
Fishing from a boat (other than fly fishing)	23.8	18.7	29.8	22.6	16.9	13.4	25.3	21.3	30.1
Fishing from a bank or shore (other than fly fishing)	26.4	30.3	46.2	39.5	11.6	16.2	27.9	25.6	35.4
Crabbing	21.6	9.3	9.3	5.0	7.4	12.6	8.1	16.0	9.9

Activity	Douglas	Gilliam*	Grant*	Harney*	Hood River	Jackson	Jefferson	Josephine	Klamath
Shellfishing / clamming	5.5	5.1	3.5	2.5	6.4	3.7	2.4	2.2	5.4
Big game hunting with a gun	17.0	15.6	36.9	22.7	8.6	7.4	16.5	12.5	19.7
Big game hunting with a bow	2.5	3.6	16.4	8.0	1.3	2.7	3.7	3.1	4.9
Waterfowl hunting	<1.0	2.8	7.9	4.6	1.3	3.1	1.2	1.6	8.2
Upland bird or small game hunting	4.0	6.7	19.5	15.0	2.1	3.8	5.6	5.3	10.5
Target / skeet shooting / archery	22.0	14.4	29.1	23.5	11.3	12.4	13.1	13.4	16.4
Non-motorized Water-based and Beach Activities									
White-water canoeing, kayaking, rafting	11.2	8.9	12.4	5.3	14.3	28.7	9.9	29.4	16.3
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating	15.8	10.1	11.6	2.8	19.7	10.5	10.1	10.7	11.3
Surfing / ocean stand-up paddling	<1.0	<1.0	<1.0	<1.0	6.7	1.5	<1.0	1.0	<1.0
Windsurfing / kiteboarding	<1.0	<1.0	<1.0	<1.0	14.1	<1.0	<1.0	<1.0	<1.0
Sailing	1.3	<1.0	1.3	<1.0	7.6	3.2	<1.0	4.1	<1.0
Beach activities – ocean	50.7	31.1	34.3	25.3	42.8	51.9	36.2	47.4	35.0
Beach activities – lakes, reservoirs, rivers	37.2	26.8	33.6	19.3	39.1	31.8	33.3	43.2	33.5
Swimming / playing in outdoor pools / spray parks	18.8	28.8	19.7	17.3	11.7	22.7	15.8	13.5	12.8
Snorkeling / SCUBA diving	4.3	<1.0	1.5	<1.0	<1.0	1.7	<1.0	1.6	1.6

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

AppendixTable 2 continued.

Activity	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
Non-motorized Trail Activities									
Walking on local streets / sidewalks	58.5	65.2	63.8	60.6	54.1	72.7	61.8	74.8	74.5
Walking on local trails / paths	53.4	57.6	58.3	54.8	31.1	70.3	52.2	65.1	64.6
Walking / day hiking on non-local trails / paths	39.3	47.4	41.1	39.2	23.4	50.4	36.4	55.4	51.3
Long-distance hiking (back packing)	14.2	8.8	8.0	7.4	5.4	11.8	7.1	12.4	12.8
Jogging / running on streets / sidewalks	13.6	14.7	10.7	10.4	15.3	18.9	10.0	24.1	18.0
Jogging / running on trails / paths	14.0	11.9	11.1	7.9	7.3	13.9	7.2	20.4	13.2
Horseback riding	7.6	2.1	5.6	3.5	14.6	3.7	10.8	2.7	3.9
Bicycling on unpaved trails	17.3	10.9	6.9	14.3	6.9	11.9	11.2	11.4	10.2
Bicycling on paved trails	23.5	27.0	8.5	20.9	4.7	25.3	16.6	28.4	18.7
Bicycling on roads, streets / sidewalks	23.1	33.5	18.1	30.7	20.2	29.8	25.6	38.3	28.7
Bicycle touring on paved roads / paths (long day / multi-day rides)	6.9	7	4.9	3.2	5.7	10.2	4.3	15.6	6.3
Motorized Activities									
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)	21.8	5.9	8.6	16.8	35.7	10.6	25.2	1.5	13.3
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)	19.1	9.6	9.3	14.2	19.4	6.1	17.0	4.9	7.8
Class III – Off-road motorcycling	5.0	2.8	2.6	4.2	7.2	1.2	4.4	1.3	1.7
Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)	5.7	1.7	2.9	2.4	9.4	<1.0	4.7	<1.0	<1.0
Snowmobiling	6.7	1.5	<1.0	3.7	6.6	1.6	9.3	3.0	2.4
Personal water craft – jet ski	6.3	4.2	3.3	6.9	3.6	6.7	4.9	2.1	7.0
Power boating (cruising / water skiing)	21.2	15.1	13.9	24.8	25.6	16.9	16.6	9.1	17.8
Non-motorized Snow Activities									
Downhill (alpine) skiing / snowboarding	11.5	14.8	6.9	13.7	8.5	13.9	9.0	19.6	13.5
Cross-country / Nordic skiing / skijoring on groomed trails	2.3	4.1	3.8	<1.0	1.3	1.0	1.9	8.5	2.7
Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails	5.3	4.7	2.4	<1.0	<1.0	1.4	1.1	4.4	1.3
Snowshoeing	11.9	6.1	3.0	4.3	1.9	9.5	5.8	13.3	3.2
Sledding, tubing, or general snow play	38.1	19.6	13.9	31.2	30.8	35.8	35.4	22.1	20.8
Outdoor Leisure / Sporting Activities									
Sightseeing / driving or motorcycling for pleasure	57.6	63.1	58.7	62.1	53.7	63.4	58.6	51.3	54.6
Picnicking	49.0	54.4	47.3	50.8	47.0	47.5	50.8	47.0	44.9
General play at a neighborhood park / playground	38.4	47.2	38.2	45.6	35.1	54.5	46.3	55.0	48.2
Dog walking / going to dog parks / off-leash areas	27.1	26.5	33.2	29.8	16.5	34.3	29.1	35.0	36.3
Relaxing, hanging out, escaping heat / noise, etc.	45.3	58.2	53.9	56.7	39.2	50.6	46.4	55.0	57.8

Activity	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
Attending outdoor concerts, fairs, festivals	36.7	53.3	40.7	42.5	29.0	54.0	40.8	55.2	61.8
Tennis (played outdoors)	3.3	6.1	5.4	3.4	4.6	9.0	11.7	14.4	10.2
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)	8.6	7.2	7.9	8.7	10.3	12.7	13.3	11.9	13.9
Baseball / softball	9.7	10.6	7.7	5.5	9.0	10.4	10.4	5.7	7.1
Football, soccer, lacrosse, rugby, ultimate frisbee	11.9	7.9	6.4	6.7	12.3	13.5	9.3	10.8	6.4
Golf	13.5	9.3	11.7	8.7	12.3	6.6	12.6	7.2	7.7
Disc golf	4.1	4.9	4.4	6.1	<1.0	13.4	6.5	4.9	10.6
Skateboarding, inline skating, roller skating, roller skiing	2.1	4.2	7.1	3.9	5.8	3.8	5.9	5.0	5.0
Rock climbing, bouldering, mountaineering	5.4	4.0	1.6	2.8	2.4	4.4	2.0	3.4	2.9
Orienteering, geocaching	4.1	3.9	4.9	4.7	3.0	3.8	4.6	4.0	6.5
Hang gliding, sky diving, paragliding	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<1.0
Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	39.2	43.5	48.8	41.0	40.8	49.0	45.9	40.8	40.3
Nature Study Activities									
Bird watching	29.0	13.3	23.8	13.2	14.4	11.3	12.6	12.2	16.1
Whale watching	10.6	13.9	34.2	12.2	10.9	17.6	8.7	10.5	17.3
Exploring tidepools	21.3	31.1	47.6	27.8	15.8	27.0	18.5	30.7	40.2
Other nature / wildlife / forest / wildflower observation	29.5	30.3	36.5	28.9	16.2	27.1	23.0	26.1	30.0
Visiting botanical gardens	6.2	13.2	11.5	8.9	3.9	15.9	5.0	16.7	13.1
Visiting nature centers	13.8	16.2	18.9	10.3	6.4	11.9	7.3	17.3	11.7
Outdoor photography, painting, drawing	19.3	17.3	23.5	20.3	13.4	14.9	12.5	15.9	18.1
Collecting (rocks, plants, mushrooms, berries)	26.1	26.6	36.0	25.5	18.6	14.0	27.6	20.8	24.7
Vehicle-based Camping Activities									
RV / motorhome / trailer camping	34.5	18.1	19.4	31.0	31.7	21.8	35.8	8.3	23.0
Car camping with a tent	37.9	34.6	27.1	32.5	25.4	32.4	28.8	38.6	43.0
Motorcycle camping with a tent	1.4	1.7	1.2	2.3	1.8	<1.0	2.6	<1.0	1.2
Yurts / camper cabins	8.6	5.8	4.5	10.8	7.4	11.5	8.5	8.8	6.9
Fishing, Hunting, Shooting Activities									
Fly fishing	11.8	6.9	5.0	5.3	3.5	4.7	5.7	6.4	6.1
Fishing from a boat (other than fly fishing)	30.2	19.6	19.3	22.8	21.5	16.7	18.7	7.0	15.6
Fishing from a bank or shore (other than fly fishing)	36.5	21.9	21.8	25.3	38.2	13.0	30.3	11.0	18.1
Crabbing	9.2	19.4	24.3	17.5	4.8	14.0	9.3	6.2	14.1
Shellfishing / clamming	5.1	3.3	11.7	5.7	1.5	1.3	5.1	3.1	5.0
Big game hunting with a gun	20.5	9.8	10.4	15.9	19.2	6.4	15.6	1.8	10.4
Big game hunting with a bow	5.3	2.8	1.8	3.3	7.5	1.2	3.6	<1.0	<1.0
Waterfowl hunting	8.7	2.7	<1.0	2.8	5.2	1.0	2.8	1.1	1.1
Upland bird or small game hunting	11.4	3.9	2.7	5.4	16.4	1.0	6.7	1.7	2.8
Target / skeet shooting / archery	21.7	11.5	11.7	13.6	24.7	7.6	14.4	5.1	10.9

Activity	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
Non-motorized Water-based and Beach Activities									
White-water canoeing, kayaking, rafting	14.8	13.1	10.0	9.4	5.3	10.6	8.9	9.2	13.1
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating	12.4	13.1	12.0	10.5	2.6	7.2	10.1	11.7	8.1
Surfing / ocean stand-up paddling	<1.0	1.0	3.0	<1.0	<1.0	1.9	<1.0	2.1	<1.0
Windsurfing / kiteboarding	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Sailing	<1.0	1.8	4.1	<1.0	1.1	<1.0	<1.0	1.9	<1.0
Beach activities – ocean	34.0	52.5	55.3	55.9	24.6	64.6	31.1	56.7	68.0
Beach activities – lakes, reservoirs, rivers	32.9	39.6	34.0	33.7	18.1	30.2	26.8	31.9	31.2
Swimming / playing in outdoor pools / spray parks	14.3	16.8	8.4	23.7	18.3	22.7	28.8	20.5	16.2
Snorkeling / SCUBA diving	1.4	1.3	<1.0	1.2	<1.0	1.7	<1.0	<1.0	3.1

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

AppendixTable 2 continued.

Activity	Sherman*	Tillamook	Umatilla	Union	Wallowa*	Wasco	Washington	Wheeler*	Yamhill
Non-motorized Trail Activities									
Walking on local streets / sidewalks	61.8	53.5	62.3	77.1	76.1	62.3	66.9	56.4	57.3
Walking on local trails / paths	52.2	59.8	53.0	61.9	63.7	53.7	59.9	28.3	48.5
Walking / day hiking on non-local trails / paths	36.4	34.4	36.6	49.2	49.4	38.9	47.7	31.9	45.8
Long-distance hiking (back packing)	7.1	4.6	5.8	20.5	26.3	10.6	15.7	8.2	9.3
Jogging / running on streets / sidewalks	10.0	7.2	9.2	17.3	20.2	12.4	25.3	15.6	15.5
Jogging / running on trails / paths	7.2	5.4	6.6	9.1	14.5	10.2	19.3	10.0	9.6
Horseback riding	10.8	6.5	12.6	16.8	18.9	6.5	8.7	4.9	7.9
Bicycling on unpaved trails	11.2	10.9	13.1	18.1	15.4	9.2	14.8	2.9	9.4
Bicycling on paved trails	16.6	12.1	15.4	20.5	18.4	24.1	30.6	1.5	24.6
Bicycling on roads, streets / sidewalks	25.6	22.8	28.3	37.3	37.0	21.9	35.6	15.9	31.5
Bicycle touring on paved roads / paths (long day / multi-day rides)	4.3	3	3.7	7.1	5.4	7.4	14.3	4.3	7.9
Motorized Activities									
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)	25.2	16.4	28.4	42.7	40.1	16.3	4.3	19.1	10.8
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)	17.0	13.6	17.5	34.3	35.1	14.2	6.8	3.9	9.5
Class III – Off-road motorcycling	4.4	4.6	4.1	12.5	10.1	4.4	1.9	3.0	2.8
Class IV – Riding UTVs / side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)	4.7	<1.0	3.8	10.6	8.8	2.1	<1.0	<1.0	2.0
Snowmobiling	9.3	1.4	11.6	21.7	18.7	2.0	1.7	<1.0	1.4
Personal water craft – jet ski	4.9	1.1	5.9	5.9	5.4	3.8	3.6	<1.0	4.3
Power boating (cruising / water skiing)	16.6	13.6	16.4	32.7	26.9	16.2	12.0	6.4	13.3
Non-motorized Snow Activities									
Downhill (alpine) skiing / snowboarding	9.0	6.7	8.1	16.7	16.3	10.5	23.8	19.6	12.1
Cross-country / Nordic skiing / skijoring on groomed trails	1.9	2.0	1.4	10.9	7.2	3.0	3.9	2.0	4.0
Cross-country / Nordic skiing / skijoring on ungroomed trails / off designated trails	1.1	<1.0	<1.0	7.0	7.3	2.3	2.9	5.4	1.1
Snowshoeing	5.8	1.5	5.6	19.8	16.4	7.4	6.5	6.3	4.8
Sledding, tubing, or general snow play	35.4	13.1	38.9	46.0	44.8	28.9	17.9	27.7	27.4
Outdoor Leisure / Sporting Activities									
Sightseeing / driving or motorcycling for pleasure	58.6	58.0	58.7	72.9	73.6	55.7	57.8	39.1	53.5
Picnicking	50.8	43.7	53.3	75.6	72.7	46.3	49.1	37.2	52.0

Activity	Sherman*	Tillamook	Umatilla	Union	Wallowa*	Wasco	Washington	Wheeler*	Yamhill
General play at a neighborhood park / playground	46.3	31.5	46.5	64.8	53.9	43.8	48.3	23.4	53.5
Dog walking / going to dog parks / off-leash areas	29.1	21.4	30.2	34.9	33.6	26.6	27.6	32.0	27.1
Relaxing, hanging out, escaping heat / noise, etc.	46.4	40.9	46.4	66.8	61.2	46.6	53.9	30.7	52.0
Attending outdoor concerts, fairs, festivals	40.8	37.0	38.1	54.3	53.0	47.0	48.9	35.5	44.3
Tennis (played outdoors)	11.7	3.9	15.3	5.1	5.7	4.2	10.2	12.0	6.2
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)	13.3	6.6	14.3	12.9	14.0	7.9	14.4	5.9	6.3
Baseball / softball	10.4	5.5	9.8	18.0	16.5	11.2	10.4	9.8	8.7
Football, soccer, lacrosse, rugby, ultimate frisbee	9.3	3.7	6.8	18.7	16.7	13.8	12.4	6.3	12.5
Golf	12.6	9.9	12.8	10.6	10.1	8.2	18.9	5.2	10.1
Disc golf	6.5	1.8	5.5	13.6	7.9	10.2	8.1	6.3	8.5
Skateboarding, inline skating, roller skating, roller skiing	5.9	2.9	7.3	4.9	4.4	3.8	4.4	<1.0	4.0
Rock climbing, bouldering, mountaineering	2.0	1.5	<1.0	10.4	10.0	5.3	5.9	6.3	2.9
Orienteering, geocaching	4.6	3.3	3.3	6.0	4.4	9.1	4.9	12.7	3.8
Hang gliding, sky diving, paragliding	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	2.2	<1.0	1.4
Visiting historic sites / history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)	45.9	44.2	48.1	50.0	48.9	41.8	43.6	28.3	44.3
Nature Study Activities									
Bird watching	12.6	24.4	12.3	30.3	23.5	14.0	10.2	15.0	14.9
Whale watching	8.7	26.6	7.7	10.0	7.8	11.4	11.2	<1.0	23.5
Exploring tidepools	18.5	38.6	18.1	23.8	18.7	21.0	27.6	14.7	37.3
Other nature / wildlife / forest / wildflower observation	23.0	30.4	23.0	40.5	40.9	20.8	26.6	21.7	29.3
Visiting botanical gardens	5.0	11.9	5.2	9.3	6.3	4.5	13.5	2.0	10.7
Visiting nature centers	7.3	16.9	7.4	8.3	8.6	6.7	18.3	4.7	18.4
Outdoor photography, painting, drawing	12.5	20.0	11.6	22.8	21.4	14.8	13.5	18.2	14.6
Collecting (rocks, plants, mushrooms, berries)	27.6	31.7	29.8	48.6	47.1	24.4	9.7	27.6	22.2
Vehicle-based Camping Activities									
RV / motorhome / trailer camping	35.8	26.5	37.4	40.6	41.9	26.3	8.7	32.0	27.6
Car camping with a tent	28.8	25.7	26.1	42.0	39.8	37.4	31.7	30.3	34.7
Motorcycle camping with a tent	2.6	1.8	3.4	1.2	1.2	1.0	1.8	<1.0	1.6

Activity	Sherman*	Tillamook	Umatilla	Union	Wallowa*	Wasco	Washington	Wheeler*	Yamhill
Yurts / camper cabins	8.5	2.8	9.4	5.1	5.1	6.5	5.4	2.0	10.8
Fishing, Hunting, Shooting Activities									
Fly fishing	5.7	4.9	5.4	15.4	11.9	5.6	3.5	4.0	2.6
Fishing from a boat (other than fly fishing)	18.7	26.2	16.7	33.2	29.8	20.3	11.3	31.9	18.5
Fishing from a bank or shore (other than fly fishing)	30.3	22.9	30.8	50.9	46.2	22.4	12.5	46.5	22.2
Crabbing	9.3	30.0	8.9	12.8	9.3	9.4	6.7	2.0	15.9
Shellfishing / clamming	5.1	27.5	5.0	3.9	3.5	4.6	7.3	0.0	10.2
Big game hunting with a gun	15.6	14.8	14.3	42.6	36.9	13.2	5.8	32.2	10.9
Big game hunting with a bow	3.6	2.6	3.1	21.5	16.4	3.0	<1.0	3.0	2.9
Waterfowl hunting	2.8	1.6	2.8	12.0	7.9	2.1	2.1	11.5	1.4
Upland bird or small game hunting	6.7	1.4	6.4	24.9	19.5	3.6	2.3	14.2	1.7
Target / skeet shooting / archery	14.4	13.2	13.2	35.5	29.1	15.5	11.5	8.9	12.0
Non-motorized Water-based and Beach Activities									
White-water canoeing, kayaking, rafting	8.9	4.8	7.7	13.3	12.4	14.8	14.2	12.3	7.7
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating	10.1	10.4	12.2	12.5	11.6	7.0	7.6	6.6	11.0
Surfing / ocean stand-up paddling	<1.0	3.1	<1.0	<1.0	<1.0	1.7	1.9	<1.0	<1.0
Windsurfing / kiteboarding	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0
Sailing	<1.0	<1.0	<1.0	1.8	1.3	1.5	2.1	<1.0	1.5
Beach activities – ocean	31.1	55.8	28.9	42.6	34.3	36.6	51.5	12.9	65.6
Beach activities – lakes, reservoirs, rivers	26.8	26.8	28.7	32.0	33.6	20.9	26.1	22.1	35.7
Swimming / playing in outdoor pools / spray parks	28.8	6.3	31.7	22.2	19.7	21.3	25.9	4.7	21.7
Snorkeling / SCUBA diving	<1.0	1.6	<1.0	1.7	1.5	1.2	1.7	<1.0	<1.0

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix Table 3. Likelihood of Using Camping Type at State Park, Oregon Counties—Mean for 5-point Likert (1 = "Not at all likely" to 5 = "Very likely")

Camping Type	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
RV sites	2.6	1.9	2.2	2.5	2.8	3.0	2.9	2.9	2.5
Cabins or yurts w/ heat, lights	2.4	3.2	3.1	3.0	2.7	2.8	2.3	2.8	2.6
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.5	3.0	3.1	2.9	2.8	2.7	2.4	2.8	2.7
Drive-in tent sites	3.0	4.1	3.8	3.6	3.4	3.4	3.0	2.8	3.5
Hike-in tent sites	2.7	3.1	2.6	2.8	2.4	2.3	2.2	2.2	2.6
Hiker-biker sites	1.8	2.4	1.9	2.3	1.8	1.7	1.6	1.8	2.2
Other	2.6	2.6	2.5	3.1	3.2	2.8	2.8	2.3	2.5
	Douglas	**Gilliam***	**Grant***	**Harney***	**Hood River**	**Jackson**	**Jefferson**	**Josephine**	**Klamath**
RV sites	2.9	3.0	2.6	2.8	2.1	2.5	3.1	2.5	2.7
Cabins or yurts w/ heat, lights	3.0	2.7	2.5	2.5	2.8	3.1	2.9	3.0	2.6
Cabins or yurts w/ heat, lights, bathroom, kitchen	3.1	2.9	2.6	2.7	2.8	2.9	3.0	3.0	2.6
Drive-in tent sites	3.7	3.3	3.2	3.1	3.9	3.8	2.9	3.5	3.6
Hike-in tent sites	2.3	2.4	2.7	2.2	3.0	2.8	2.3	2.3	2.5
Hiker-biker sites	1.9	1.8	2.0	1.9	2.4	1.9	1.9	1.9	1.9
Other	2.7	2.5	3.2	2.6	2.9	2.8	2.6	1.8	2.6
	Lake*	**Lane**	**Lincoln**	**Linn**	**Malheur**	**Marion**	**Morrow***	**Multnomah**	**Polk**
RV sites	2.7	2.2	2.5	2.7	2.9	2.3	3.0	1.7	2.2
Cabins or yurts w/ heat, lights	2.6	2.9	3.0	2.8	2.6	3.1	2.7	3.2	3.0
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.6	2.9	2.8	2.8	2.7	3.0	2.9	3.0	3.0
Drive-in tent sites	3.6	3.7	3.5	3.5	3.1	3.6	3.3	4.1	3.9
Hike-in tent sites	2.4	2.5	2.4	2.3	2.2	2.6	2.4	3.0	2.6
Hiker-biker sites	1.9	1.9	1.8	1.8	2.0	1.8	1.8	2.1	1.9
Other	2.5	2.9	2.2	2.5	2.6	3.1	2.5	2.6	2.4
	Sherman*	**Tillamook**	**Umatilla**	**Union**	**Wallowa***	**Wasco**	**Washington**	**Wheeler**	**Yamhill**
RV sites	3.0	2.9	3.1	2.6	2.6	2.6	2.1	2.8	2.5
Cabins or yurts w/ heat, lights	2.7	2.8	2.8	2.7	2.5	2.8	3.1	2.3	3.3
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.9	2.9	3.0	2.6	2.6	2.7	3.1	2.2	3.1
Drive-in tent sites	3.3	3.4	3.1	3.4	3.2	3.7	4.0	3.4	3.8
Hike-in tent sites	2.4	2.5	2.3	2.7	2.7	2.6	2.7	3.0	2.4
Hiker-biker sites	1.8	1.9	1.8	2.1	2.0	1.9	2.1	2.3	2.0
Other	---	2.3	2.2	3.8	2.6	3.2	2.8	---	2.5

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix Table 4. Priority Need for Camping Type at State Park, Oregon Counties—Mean for 5-point Likert (1 = "Lowest priority need" to 5 = "Highest priority need")

Camping Type	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
RV sites	2.5	1.8	2.1	2.4	2.5	2.4	2.6	2.5	2.3
Cabins or yurts w/ heat, lights	2.7	2.9	2.8	3.0	2.6	2.9	2.3	2.7	2.5
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.5	2.8	2.9	3.0	2.6	2.9	2.3	2.7	2.4
Drive-in tent sites	2.8	3.4	3.2	3.4	3.4	3.3	2.5	2.8	3.1
Hike-in tent sites	2.7	3.0	2.6	3.0	2.7	2.6	2.2	2.5	2.6
Hiker-biker sites	2.2	2.6	2.2	2.7	2.2	2.2	2.0	2.3	2.4
Other	2.6	2.5	2.8	3.1	2.6	2.9	2.3	2.1	2.5
	Douglas	**Gilliam***	**Grant***	**Harney***	**Hood River**	**Jackson**	**Jefferson**	**Josephine**	**Klamath**
RV sites	2.6	2.8	2.4	2.7	2.3	2.2	2.8	2.4	2.6
Cabins or yurts w/ heat, lights	3.1	2.7	2.6	2.5	3.1	3.1	2.9	2.8	2.7
Cabins or yurts w/ heat, lights, bathroom, kitchen	3.3	2.8	2.6	2.5	2.9	2.9	3.0	2.8	2.6
Drive-in tent sites	3.5	3.2	2.9	3.2	3.5	3.4	2.8	3.3	3.3
Hike-in tent sites	2.5	2.6	2.6	2.5	3.0	3.0	2.4	2.5	2.7
Hiker-biker sites	2.3	2.2	2.3	2.3	2.8	2.5	2.3	2.2	2.4
Other	2.7	2.6	3.0	2.4	2.7	2.9	2.4	2.1	2.6
	Lake*	**Lane**	**Lincoln**	**Linn**	**Malheur**	**Marion**	**Morrow***	**Multnomah**	**Polk**
RV sites	2.5	2.1	2.4	2.5	2.8	2.1	2.8	1.6	2.2
Cabins or yurts w/ heat, lights	2.7	2.8	3.0	2.9	2.6	3.0	2.7	2.7	2.9
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.6	2.7	2.9	2.7	2.7	2.8	2.8	2.5	2.9
Drive-in tent sites	3.2	3.2	3.1	3.1	3.3	3.2	3.2	3.3	3.4
Hike-in tent sites	2.6	2.8	2.6	2.4	2.6	2.5	2.6	3.1	2.8
Hiker-biker sites	2.4	2.3	2.2	2.0	2.4	2.2	2.2	2.4	2.2
Other	2.5	3.0	2.2	2.6	2.4	2.8	2.6	2.5	2.4
	Sherman*	**Tillamook**	**Umatilla**	**Union**	**Wallowa***	**Wasco**	**Washington**	**Wheeler**	**Yamhill**
RV sites	2.8	2.5	2.9	2.4	2.4	2.6	1.9	3.0	2.4
Cabins or yurts w/ heat, lights	2.7	3.0	2.8	2.7	2.6	2.7	2.8	2.8	3.0
Cabins or yurts w/ heat, lights, bathroom, kitchen	2.8	3.0	2.9	2.6	2.6	2.6	2.6	2.4	2.8
Drive-in tent sites	3.2	3.1	3.1	3.0	2.9	3.4	3.2	3.1	3.4
Hike-in tent sites	2.6	2.6	2.5	2.6	2.6	2.7	2.8	2.5	2.5
Hiker-biker sites	2.2	2.3	2.2	2.4	2.3	2.4	2.4	2.8	2.3
Other	---	2.6	2.5	3.2	3.0	2.7	2.6	---	2.5

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix Table 5. Priorities for the Future, What Park and Forest Agencies Should Invest In, Oregon Counties—Mean for 5-point Likert (1 = "Lowest priority need" to 5 = "Highest priority need")

Item	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	3.0	3.1	3.3	3.3	3.4	3.3	3.0	3.2	3.2
Children's playgrounds and play areas built with manufactured structures like swing sets, slides, and climbing apparatuses	2.3	2.7	2.8	2.8	2.9	2.9	2.5	2.5	2.7
Picnic areas and shelters for small visitor groups	3.2	3.3	3.4	3.4	3.3	3.4	3.0	3.3	3.2
Picnic areas and shelters for large visitor groups	2.7	2.7	2.9	2.9	2.9	3.2	2.7	2.7	2.7
Paved / hard surface walking trails and paths	2.7	2.9	3.1	3.1	2.9	2.9	2.7	2.7	2.8
Dirt / other soft surface walking trails and paths	3.4	3.9	3.8	3.7	3.7	3.6	3.4	3.7	3.6
Off-street bicycle trails and pathways	2.9	3.6	3.2	3.4	3.1	3.3	2.8	3.0	3.3
Community gardens	2.6	3.0	2.8	2.9	3.1	2.9	2.7	2.8	3.0
Nature and wildlife viewing areas	3.0	3.4	3.2	3.4	3.4	3.2	3.1	3.4	3.1
Multi-use fields for soccer, football, lacrosse, etc.	2.2	2.7	2.8	2.4	2.6	2.6	2.4	2.4	2.7
Baseball / softball fields	2.2	2.3	2.6	2.3	2.3	2.5	2.2	2.3	2.4
Outdoor tennis courts	1.9	2.2	2.2	2.0	2.1	2.2	2.0	1.9	2.2
Basketball courts	2.1	2.4	2.4	2.3	2.2	2.4	2.2	2.2	2.3
Off-leash dog areas	2.9	2.8	3.0	2.9	3.1	3.1	2.7	3.1	3.0
Designated paddling routes for canoes, kayaks, rafts, driftboats	2.4	2.9	2.9	2.7	2.8	2.8	2.5	2.7	2.9
Public access sites to waterways	3.6	3.4	3.5	3.7	3.8	3.8	3.4	3.6	3.5
Off-highway vehicle trails / areas	3.3	2.2	2.6	2.6	2.7	3.2	2.9	2.8	2.5

AppendixTable 5 continued.

	Douglas	Gilliam*	Grant*	Harney*	Hood River	Jackson	Jefferson	Josephine	Klamath
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	3.3	3.3	3.1	3.2	3.3	3.4	3.1	3.3	3.4
Children's playgrounds and play areas built with manufactured structures like swing sets, slides, and climbing apparatuses	2.9	3.0	2.6	2.7	2.6	2.6	2.7	2.7	2.8
Picnic areas and shelters for small visitor groups	3.6	3.5	3.1	3.3	3.1	3.2	3.3	3.4	3.2
Picnic areas and shelters for large visitor groups	3.3	3.1	2.7	3.0	2.7	2.8	3.0	3.1	2.9
Paved / hard surface walking trails and paths	3.2	3.1	2.7	2.8	2.9	2.7	2.9	3.0	2.7
Dirt / other soft surface walking trails and paths	3.8	3.7	3.4	3.6	3.8	3.8	3.5	3.8	3.6
Off-street bicycle trails and pathways	3.2	3.1	3.0	2.9	3.6	3.3	3.2	3.3	3.2
Community gardens	2.9	2.7	2.6	2.8	3.2	3.3	2.9	3.2	3.0
Nature and wildlife viewing areas	3.4	3.2	3.0	3.3	3.3	3.5	3.3	3.6	3.4
Multi-use fields for soccer, football, lacrosse, etc.	2.7	2.7	2.5	2.8	3.0	2.6	2.5	2.7	2.7
Baseball / softball fields	2.5	2.5	2.3	2.7	2.6	2.3	2.4	2.4	2.5
Outdoor tennis courts	2.0	2.2	2.0	2.4	2.5	2.2	2.2	2.3	2.3
Basketball courts	2.2	2.5	2.2	2.5	2.4	2.3	2.3	2.4	2.4
Off-leash dog areas	2.9	2.7	2.8	2.7	3.2	3.0	2.8	3.0	3.1
Designated paddling routes for canoes, kayaks, rafts, driftboats	2.7	2.7	2.4	2.4	2.7	2.8	2.6	2.8	2.9
Public access sites to waterways	3.7	3.6	3.5	3.4	3.7	3.7	3.4	3.6	3.8
Off-highway vehicle trails / areas	3.1	3.2	3.4	3.1	2.4	2.6	2.7	2.7	3.0

AppendixTable 5 continued.

	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.4	3.5
Children's playgrounds and play areas built with manufactured structures like swing sets, slides, and climbing apparatuses	2.8	2.9	2.7	2.8	2.8	2.8	3.0	2.7	3.0
Picnic areas and shelters for small visitor groups	3.2	3.2	3.3	3.4	3.3	3.2	3.5	3.3	3.3
Picnic areas and shelters for large visitor groups	2.9	2.8	2.9	3.1	3.0	2.8	3.1	2.6	2.9
Paved / hard surface walking trails and paths	2.7	2.9	3.1	3.1	2.9	3.2	3.1	2.8	3.1
Dirt / other soft surface walking trails and paths	3.6	3.7	3.8	3.8	3.6	3.7	3.7	3.7	3.9
Off-street bicycle trails and pathways	3.2	3.1	3.2	3.2	3.0	3.2	3.1	3.4	3.2
Community gardens	2.9	2.9	3.2	2.9	2.8	2.8	2.7	3.3	3.0
Nature and wildlife viewing areas	3.3	3.3	3.5	3.4	3.4	3.2	3.2	3.5	3.5
Multi-use fields for soccer, football, lacrosse, etc.	2.6	2.5	2.8	2.7	2.9	2.6	2.7	2.8	2.6
Baseball / softball fields	2.5	2.4	2.6	2.5	2.7	2.4	2.5	2.4	2.5
Outdoor tennis courts	2.2	2.1	2.2	2.2	2.4	2.1	2.2	2.4	2.3
Basketball courts	2.4	2.3	2.4	2.6	2.6	2.3	2.5	2.5	2.4
Off-leash dog areas	3.0	2.9	3.0	3.0	2.8	3.1	2.7	3.1	3.0
Designated paddling routes for canoes, kayaks, rafts, driftboats	2.8	2.8	3.0	2.8	2.5	2.6	2.7	3.0	2.9
Public access sites to waterways	3.7	3.6	3.6	3.7	3.6	3.4	3.6	3.5	3.6
Off-highway vehicle trails / areas	3.0	2.4	2.5	2.9	3.2	2.5	3.2	2.1	2.5

AppendixTable 5 continued.

	Sherman*	Tillamook	Umatilla	Union	Wallowa*	Wasco	Washington	Wheeler	Yamhill
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	3.3	3.3	3.3	3.2	3.1	3.4	3.4	3.1	3.7
Children's playgrounds and play areas built with manufactured structures like swing sets, slides, and climbing apparatuses	3.0	2.7	3.0	2.7	2.6	3.0	2.9	2.8	3.1
Picnic areas and shelters for small visitor groups	3.5	3.4	3.6	3.2	3.1	3.4	3.4	3.6	3.4
Picnic areas and shelters for large visitor groups	3.1	2.9	3.1	2.8	2.7	3.0	3.0	3.2	3.0
Paved / hard surface walking trails and paths	3.1	3.0	3.1	2.7	2.7	3.0	3.3	2.8	3.2
Dirt / other soft surface walking trails and paths	3.7	3.7	3.7	3.4	3.4	3.7	4.0	3.3	3.8
Off-street bicycle trails and pathways	3.1	3.3	3.2	2.9	3.0	3.0	3.5	2.5	3.2
Community gardens	2.7	3.0	2.7	2.5	2.6	2.8	3.1	3.1	3.0
Nature and wildlife viewing areas	3.2	3.5	3.1	3.1	3.0	3.3	3.6	3.4	3.4
Multi-use fields for soccer, football, lacrosse, etc.	2.7	2.6	2.7	2.6	2.5	2.6	3.0	2.4	2.8
Baseball / softball fields	2.5	2.4	2.6	2.4	2.3	2.3	2.5	2.5	2.6
Outdoor tennis courts	2.2	2.1	2.2	2.0	2.0	2.0	2.2	2.1	2.2
Basketball courts	2.5	2.3	2.5	2.2	2.2	2.3	2.5	2.1	2.3
Off-leash dog areas	2.7	3.0	2.7	2.8	2.8	2.8	3.1	2.7	2.8
Designated paddling routes for canoes, kayaks, rafts, driftboats	2.7	2.9	2.8	2.4	2.4	2.6	2.9	2.7	3.0
Public access sites to waterways	3.6	3.5	3.6	3.5	3.5	3.7	3.5	3.7	3.7
Off-highway vehicle trails / areas	3.2	2.4	3.2	3.3	3.4	3.0	2.4	2.8	2.6

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix Table 6. Priorities for the Future, What Park and Forest Agencies Should Invest In, Oregon Counties—Mean for 5-point Likert (1 = "Lowest priority need" to 5 = "Highest priority need")

Item	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
An organized outdoor recreation program (hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.)	9.3	10.0	7.7	10.8	7.3	8.6	5.7	8.1	16.6
Historical programs, including walks, reenactments, tours	17.0	11.6	10.3	32.8	18.9	15.7	10.7	14.8	13.7
Other guided or ranger-led programs	7.4	11.5	8.5	20.0	15.0	13.0	8.4	16.3	12.8
Other types of recreation programs (special event, excursion, concert, etc.)—this does not include use of facilities outside of programs, such as visiting a local park or swimming pool	13.9	14.5	10.8	13.2	17.6	15.6	13.5	11.7	19.1
No programs of this type	70.5	67.4	76.4	52.0	66.8	67.0	75.1	72.5	60.8

Item	Douglas	Gilliam*	Grant*	Harney*	Hood River	Jackson	Jefferson	Josephine	Klamath
An organized outdoor recreation program (hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.)	8.5	9.6	9.8	5.5	12.8	15.4	9.7	6.7	8.7
Historical programs, including walks, reenactments, tours	8.5	12.7	15.4	12.5	10.0	13.4	15.8	13.8	18.8
Other guided or ranger-led programs	8.8	11.1	8.3	5.7	14.3	11.0	11.1	20.2	12.8
Other types of recreation programs (special event, excursion, concert, etc.)—this does not include use of facilities outside of programs, such as visiting a local park or swimming pool	19.6	11.7	13.1	9.4	14.6	17.0	12.8	30.9	14.5
No programs of this type	67.0	74.2	69.2	79.4	67.0	66.3	70.2	58.0	65.1

AppendixTable 6 continued.

Item	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
An organized outdoor recreation program (hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.)	8.0	8.6	10.3	5.7	6.4	5.8	9.6	10.4	9.2
Historical programs, including walks, reenactments, tours	17.8	5.7	12.1	11.2	14.3	13.3	12.7	14.1	12.5
Other guided or ranger-led programs	12.0	14.8	13.9	10.8	6.5	9.7	11.1	13.5	13.8
Other types of recreation programs (special event, excursion, concert, etc.)—this does not include use of facilities outside of programs, such as visiting a local park or swimming pool	14.4	15.2	16.4	14.9	8.0	9.5	11.7	15.2	14.2
No programs of this type	66.9	71.0	67.3	72.1	79.3	73.9	74.2	68.1	66.4

Item	Sherman*	Tillamook	Umatilla	Union	Wallowa*	Wasco	Washington	Wheeler	Yamhill
An organized outdoor recreation program (hiking, cross-country skiing / snowshoeing, cycling, climbing, paddling, etc.)	9.6	5.1	9.5	10.7	9.8	10.6	7.1	0.0	6.1
Historical programs, including walks, reenactments, tours	12.7	18.1	13.0	12.6	15.4	14.2	9.6	14.8	14.5
Other guided or ranger-led programs	11.1	12.7	11.6	6.5	8.3	11.0	13.3	8.2	9.7
Other types of recreation programs (special event, excursion, concert, etc.)—this does not include use of facilities outside of programs, such as visiting a local park or swimming pool	11.7	11.8	12.1	11.8	13.1	11.0	13.6	2.5	12.6
No programs of this type	74.2	69.2	74.7	69.4	69.2	72.2	68.6	77.0	73.3

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix Table 7. Value For Benefits of Parks and Recreation Services, Oregon Counties—Mean for 5-point Likert (1 = "Least valued" to 5 = "Most valued")

Benefit	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
Improve physical health and fitness	4.2	4.4	4.4	4.2	4.3	4.3	4.2	4.2	4.3
Help reduce crime	3.8	3.7	3.9	3.9	4.1	3.8	4.1	3.7	3.9
Make your community a more desirable place to live	4.0	4.2	4.2	4.2	4.3	4.2	4.1	4.0	4.3
Preserve open space and the environment	3.9	4.3	4.4	4.2	4.2	3.8	4.0	4.1	4.3
Increase property values in your community	3.2	3.3	3.6	3.2	3.5	3.4	3.6	3.3	3.8
Improve mental health and reduce stress	3.9	4.1	4.1	4.1	4.0	3.9	3.9	4.0	4.2
Provide opportunities for social interaction	3.3	3.5	3.4	3.4	3.3	3.4	3.4	3.4	3.5
Help attract new residents and businesses	3.3	2.8	2.9	3.2	3.2	3.5	3.5	3.2	3.3
Preserve historical features in your community	3.9	3.5	3.8	4.1	3.8	3.7	3.8	3.9	3.8
Promote tourism	3.5	2.7	2.9	3.5	3.2	3.7	3.4	3.7	3.4
Enhance a sense of place and community	3.7	3.9	3.8	3.9	3.9	3.8	3.7	3.8	4.0
	Douglas	**Gilliam***	**Grant***	**Harney***	**Hood River**	**Jackson**	**Jefferson**	**Josephine**	**Klamath**
Improve physical health and fitness	4.3	4.2	4.2	4.2	4.5	4.2	4.2	4.3	4.3
Help reduce crime	4.2	4.0	3.7	4.0	3.7	3.9	3.9	4.0	3.9
Make your community a more desirable place to live	4.3	4.2	4.1	4.2	4.2	4.3	4.2	4.2	4.2
Preserve open space and the environment	4.0	3.9	4.0	4.0	4.5	4.3	4.0	4.3	4.1
Increase property values in your community	3.6	3.5	3.3	3.5	3.3	3.4	3.5	3.4	3.5
Improve mental health and reduce stress	4.0	3.9	3.9	3.9	4.1	4.1	4.0	4.1	4.0
Provide opportunities for social interaction	3.5	3.4	3.3	3.5	3.5	3.4	3.5	3.6	3.4
Help attract new residents and businesses	3.4	3.5	3.3	3.6	3.2	3.0	3.3	3.1	3.5
Preserve historical features in your community	3.8	3.7	3.9	3.9	3.8	3.7	3.7	3.9	3.8
Promote tourism	3.5	3.4	3.4	3.5	3.1	3.4	3.2	3.3	3.5
Enhance a sense of place and community	3.8	3.8	3.8	3.8	4.0	3.9	3.8	3.8	3.7

AppendixTable 7 continued.

	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
Improve physical health and fitness	4.3	4.2	4.4	4.3	4.2	4.3	4.2	4.4	4.3
Help reduce crime	3.9	3.9	3.9	4.1	4.1	3.9	4.0	3.9	4.1
Make your community a more desirable place to live	4.2	4.0	4.2	4.3	4.2	4.3	4.2	4.4	4.3
Preserve open space and the environment	4.0	4.3	4.1	4.3	4.0	4.2	3.9	4.6	4.3
Increase property values in your community	3.4	3.2	3.5	3.4	3.7	3.4	3.5	3.4	3.5
Improve mental health and reduce stress	4.0	4.0	4.1	4.2	3.9	4.1	3.9	4.2	3.9
Provide opportunities for social interaction	3.4	3.5	3.5	3.4	3.5	3.3	3.4	3.5	3.2
Help attract new residents and businesses	3.5	3.1	3.5	3.3	3.7	3.0	3.5	3.0	3.1
Preserve historical features in your community	3.8	3.8	3.8	3.8	3.9	3.7	3.7	3.7	3.8
Promote tourism	3.5	3.2	3.7	3.1	3.5	3.1	3.4	2.8	3.1
Enhance a sense of place and community	3.8	3.8	3.9	3.7	3.9	3.7	3.8	4.1	3.7
	Sherman*	**Tillamook**	**Umatilla**	**Union**	**Wallowa***	**Wasco**	**Washington**	**Wheeler**	**Yamhill**
Improve physical health and fitness	4.2	4.4	4.2	4.2	4.2	4.4	4.4	3.9	4.2
Help reduce crime	4.0	3.9	4.1	3.7	3.7	3.8	3.9	3.4	4.0
Make your community a more desirable place to live	4.2	4.3	4.2	4.1	4.1	4.1	4.3	3.7	4.3
Preserve open space and the environment	3.9	4.3	3.8	4.2	4.0	4.2	4.4	3.7	4.1
Increase property values in your community	3.5	3.4	3.5	3.3	3.3	3.3	3.7	2.9	3.3
Improve mental health and reduce stress	3.9	4.2	4.0	4.0	3.9	3.9	4.0	3.7	4.0
Provide opportunities for social interaction	3.4	3.4	3.4	3.4	3.3	3.5	3.5	3.4	3.3
Help attract new residents and businesses	3.5	3.3	3.5	3.3	3.3	3.4	3.1	3.5	3.1
Preserve historical features in your community	3.7	3.9	3.7	3.8	3.9	3.8	3.7	4.0	3.7
Promote tourism	3.4	3.5	3.5	3.3	3.4	3.3	2.9	3.7	3.1
Enhance a sense of place and community	3.8	3.9	3.7	3.8	3.8	3.9	4.0	3.9	3.9

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix Table 8. Delivery of Benefits of Parks and Recreation Services, Oregon Counties—Mean for 5-point Likert (1 = "Currently does not deliver at all" to 5 = "Currently delivers extremely well")

Benefit	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	Crook	Curry	Deschutes
Improve physical health and fitness	2.9	3.8	3.3	3.5	3.0	3.2	3.1	3.0	4.0
Help reduce crime	2.7	3.2	2.9	2.9	2.7	2.7	2.8	2.7	3.1
Make your community a more desirable place to live	3.1	3.9	3.4	3.6	3.0	3.0	3.3	3.3	4.0
Preserve open space and the environment	3.1	3.6	3.3	3.6	3.0	3.4	3.4	3.4	3.7
Increase property values in your community	2.7	3.3	2.9	3.0	2.4	2.6	2.7	2.8	3.3
Improve mental health and reduce stress	2.7	3.5	3.0	3.3	2.8	3.0	2.9	3.1	3.5
Provide opportunities for social interaction	2.9	3.5	3.1	3.3	2.8	3.0	3.1	3.0	3.7
Help attract new residents and businesses	2.6	2.9	2.9	2.9	2.5	2.6	2.9	2.8	3.5
Preserve historical features in your community	3.6	3.4	3.2	3.9	3.0	3.2	3.3	3.1	3.4
Promote tourism	3.3	3.0	2.8	3.9	2.6	3.2	3.2	3.3	3.9
Enhance a sense of place and community	3.0	3.6	3.1	3.5	2.8	3.0	3.2	3.1	3.7

	Douglas	Gilliam*	Grant*	Harney*	Hood River	Jackson	Jefferson	Josephine	Klamath
Improve physical health and fitness	3.4	3.3	3.0	2.7	3.7	3.4	3.3	3.4	3.2
Help reduce crime	2.7	2.8	2.7	2.7	3.0	2.9	2.7	2.7	2.5
Make your community a more desirable place to live	3.2	3.1	3.1	2.8	3.9	3.6	3.3	3.4	2.9
Preserve open space and the environment	3.4	3.1	3.2	2.9	3.6	3.5	3.2	3.5	3.1
Increase property values in your community	2.6	2.7	2.6	2.3	3.4	3.0	2.6	2.9	2.5
Improve mental health and reduce stress	3.0	2.8	2.9	2.6	3.4	3.4	3.0	3.2	2.8
Provide opportunities for social interaction	3.0	3.0	3.0	2.7	3.6	3.4	3.1	3.3	2.9
Help attract new residents and businesses	2.6	2.6	2.5	2.2	3.4	3.0	2.6	2.9	2.5
Preserve historical features in your community	3.3	3.1	3.3	2.7	3.3	3.3	2.9	3.3	3.2
Promote tourism	3.1	2.9	3.1	2.5	4.0	3.4	3.0	3.4	2.8
Enhance a sense of place and community	3.1	3.0	3.0	2.5	3.6	3.4	2.9	3.4	2.7

Appendix Table 8 continued.

Benefit	Lake*	Lane	Lincoln	Linn	Malheur	Marion	Morrow*	Multnomah	Polk
Improve physical health and fitness	3.1	3.5	3.5	3.2	2.6	3.3	3.3	3.7	3.3
Help reduce crime	2.5	2.8	2.7	2.7	2.7	2.7	2.8	2.9	3.0
Make your community a more desirable place to live	2.8	3.4	3.4	3.2	2.8	3.2	3.1	3.6	3.3
Preserve open space and the environment	3.1	3.5	3.5	3.2	2.8	3.4	3.1	3.6	3.3
Increase property values in your community	2.4	2.9	2.9	2.8	2.3	2.8	2.7	3.1	2.8
Improve mental health and reduce stress	2.8	3.2	3.1	3.0	2.5	3.2	2.8	3.3	3.0
Provide opportunities for social interaction	2.8	3.3	3.1	3.1	2.6	3.0	3.0	3.5	3.1
Help attract new residents and businesses	2.4	2.8	2.9	2.8	2.2	2.7	2.6	3.0	2.8
Preserve historical features in your community	3.1	3.1	3.3	3.3	2.7	3.3	3.1	3.1	3.2
Promote tourism	2.8	3.1	3.7	2.8	2.4	3.1	2.9	3.0	2.9
Enhance a sense of place and community	2.7	3.2	3.1	3.0	2.5	3.1	3.0	3.5	3.1

	Sherman*	Tillamook	Umatilla	Union	Wallowa*	Wasco	Washington	Wheeler	Yamhill
Improve physical health and fitness	3.3	3.1	3.4	3.0	3.0	3.2	3.6	2.8	3.3
Help reduce crime	2.8	2.8	2.8	2.6	2.7	2.8	3.0	2.9	3.0
Make your community a more desirable place to live	3.1	3.4	3.1	3.1	3.1	3.1	3.6	2.4	3.3
Preserve open space and the environment	3.1	3.5	3.1	3.3	3.2	3.1	3.5	2.8	3.2
Increase property values in your community	2.7	2.8	2.7	2.6	2.6	2.7	3.0	2.4	2.8
Improve mental health and reduce stress	2.8	3.2	2.8	2.9	2.9	2.9	3.3	2.6	3.1
Provide opportunities for social interaction	3.0	2.9	3.0	3.0	3.0	3.0	3.2	2.5	3.2
Help attract new residents and businesses	2.6	2.7	2.6	2.4	2.5	2.6	3.0	2.0	2.9
Preserve historical features in your community	3.1	3.3	3.1	3.1	3.3	3.2	3.2	2.8	3.3
Promote tourism	2.9	3.5	3.0	2.8	3.1	2.9	2.9	2.6	3.2
Enhance a sense of place and community	3.0	3.2	3.0	2.9	3.0	3.1	3.3	2.8	3.4

*Values reported for Gilliam, Grant, Harney, Lake, Morrow, Sherman, Wallowa and Wheeler Counties are respective SCORP Regional values due to low samples sizes for these counties.

Appendix B: Oregon Resident Participant Survey

Outdoor Recreation in Oregon

A Study Conducted Cooperatively by:

Oregon State University

Outdoor recreation activities include a variety of things you do outdoors in your free time. They include walking and cycling along trails and roads, fishing and hunting, boating, camping, bird watching, sightseeing, playing sports like golf and soccer, attending outdoor concerts, and many more examples.

This includes activities you do locally (accessible on a daily basis), in your region, and elsewhere in Oregon.

Q1. How often do you, or anyone in your household, participate in any outdoor recreation activity in Oregon? (Check the box for the category that fits best.)

- ☐ More than once per week
- ☐ Once a week
- ☐ Once a month
- ☐ Once every quarter (three months)
- ☐ Once a year
- ☐ Never

Q2. Please look at the activities listed in the table below. Did you or any member of your household participate in any of the following non-motorized trail or related activities in Oregon in 2011?

- If NO, please move on to **question 3 (Q3).**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Non-motorized trail or related activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
Walking on local streets or sidewalks			
Walking on local trails or paths			
Walking / day hiking on non-local trails or paths			
Long-distance hiking (back packing)			
Jogging or running on streets or sidewalks			
Jogging or running on trails or paths			
Horseback riding			
Bicycling on unpaved trails			
Bicycling on paved trails			
Bicycling on roads, streets or sidewalks			

Q2b. In 2011, did you or any member of your household participate in bike touring on paved roads or paths – long day rides or multi-day rides?

- ☐ Yes
- ☐ No

Q3. Did you or any member of your household participate in <u>any</u> of the following <u>motorized</u> activities <u>in Oregon in 2011</u>?

- If NO, please move on to **question 4.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Motorized activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
Class I – All-terrain vehicle riding (3 & 4 wheel ATVs, straddle seat and handle bars)			
Class II – Off-road 4-wheel driving (jeeps, pick-ups, dune buggies, SUVs)			
Class III – Off-road motorcycling			
Class IV – Riding UTVs or side-by-side ATVs (non-straddle seat, driver and passenger sit side-by-side in the vehicle, steering wheel for steering control)			
Snowmobiling			
Using personal water craft, such as jet ski			
Power boating (cruising or water skiing)			

Q4. Did you or any member of your household participate in <u>any</u> of the following <u>non-motorized snow</u> activities <u>in Oregon in 2011</u>?

- If NO, please move on to **question 5.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Include telemark skiing at resorts in downhill skiing; include backcountry telemark skiing in cross-country / nordic skiing

Non-motorized snow activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
Downhill (alpine) skiing or snowboarding			
Cross-country / nordic skiing / skijoring on groomed trails			
Cross-country / nordic skiing / skijoring on ungroomed trails or off designated trails			
Snowshoeing			
Sledding, tubing, or general snow play			

Q5. Did you or any member of your household participate in <u>any</u> of the following <u>outdoor leisure and sporting</u> activities <u>in Oregon in 2011</u>?

- If NO, please move on to **question 6.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Outdoor leisure and sporting activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
Sightseeing / driving or motorcycling for pleasure			
Picnicking			
General play at a neighborhood park / playground			
Dog walking or going to dog parks / off-leash areas			
Relaxing, hanging out, escaping heat/noise, etc.			
Attending outdoor concerts, fairs, or festivals			
Tennis (played outdoors)			
Outdoor court games other than tennis (basketball, beach volleyball, badminton, etc.)			
Baseball or softball			
Football, soccer, lacrosse, rugby or ultimate frisbee			
Golf			
Disc golf			
Skateboarding, inline skating, roller skating, or roller skiing			
Rock climbing, bouldering, or mountaineering			
Orienteering or geocaching			
Hang gliding, sky diving, or paragliding			
Visiting historic sites or history-themed parks (history-oriented museums, outdoor displays, visitor centers, etc.)			

Q6. Did you or any member of your household participate in <u>any</u> of the following <u>nature study</u> activities <u>in Oregon in 2011</u>?

- If NO, please move on to **question 7.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Consider the primary purpose of your outing. Was it to look at wildlife or to take photos? Was it to watch birds or other kinds of wildlife?

Nature study activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
Bird watching			
Whale watching			
Exploring tidepools			
Other nature / wildlife / forest / wildflower observation			
Visiting botanical gardens			
Visiting nature centers			
Outdoor photography, painting, or drawing			
Collecting (rocks, plants, mushrooms, or berries)			

Q7. Did you or any member of your household participate in <u>any</u> of the following <u>vehicle-based camping</u> activities <u>in Oregon in 2011</u>?

Do not include backpacking (covered in the trail activities section).

- If NO, please move on to **question 8.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Vehicle-based camping activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
RV / motorhome / trailer camping			
Car camping with a tent			
Motorcycle camping with a tent			
Yurts or camper cabins			

Q8. Did you or any member of your household participate in <u>any</u> of the following <u>fishing, hunting, and shooting</u> activities <u>in Oregon in 2011</u>?

- If NO, please move on to **question 9.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Fishing, hunting, and shooting activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
Fly fishing			
Fishing from a boat (other than fly fishing)			
Fishing from a bank or shore (other than fly fishing)			
Crabbing			
Shellfishing / clamming			
Big game hunting with a gun			
Big game hunting with a bow			
Waterfowl hunting			
Upland bird or small game hunting			
Target or skeet shooting or archery			

Q9. Did you or any member of your household participate in <u>any</u> of the following <u>non-motorized water-based and beach</u> activities <u>in Oregon in 2011</u>?
Beach activities include tanning, swimming, playing, and walking or running on the beach for exercise; do not include fishing, crabbing, or clamming, which are covered elsewhere.

- If NO, please move on to **question 10.**
- If YES, please fill out the following table only for the activities that you or a household member participated in during **2011**.

Non-motorized water-based and beach activities	**Column A** Number of times participated	**Column B** Average number of household members that participated each time	**Column C** Name of county or nearest city where **most** times occurred
White-water canoeing, kayaking, or rafting			
Flat-water canoeing, sea kayaking, rowing, stand-up paddling, tubing / floating			
Surfing or ocean stand-up paddling			
Windsurfing or kiteboarding			
Sailing			
Beach activities – ocean			
Beach activities – lakes, reservoirs, rivers, etc.			
Swimming or playing in outdoor pools / spray parks			
Snorkeling or SCUBA diving			

Q10. Did you or any member of your household participate in <u>any other</u> outdoor recreation activities (not listed above) <u>in Oregon in 2011</u>? If so, please describe them here.

_____

Q11. What is the single most important thing that park and forest managers can do to help you participate in outdoor recreation in Oregon?

_____

Q12. Do you go camping or have an interest in going camping? This includes everything from tent camping in the wilderness to RV camping in developed sites to alternative camping in camper cabins or yurts.

- ☐ Yes
- ☐ No – *skip to Q15*

Q13. Have you ever camped overnight at an Oregon State Park?

- ☐ Yes
- ☐ No

Q14. For each of the following types of camping, please:

1. In the first column – indicate how likely you are to use that type of camping when or if you wanted to go camping at an <u>Oregon State Park</u> campground, from <u>Not at all likely</u> to <u>Very likely</u>.

Then:

2. In the second column – indicate whether there is a need for more of this type of camping <u>near your community</u>, from <u>Lowest priority need</u> to <u>Highest priority need</u>.

Type of camping / site	Not at all likely				Very likely		Lowest priority need				Highest priority need
	←				→		←				→
RV sites	1	2	3	4	5		1	2	3	4	5
Cabins or yurts with heat and lights	1	2	3	4	5		1	2	3	4	5
Cabins or yurts with heat, lights, bathroom and kitchen	1	2	3	4	5		1	2	3	4	5
Drive-in tent site	1	2	3	4	5		1	2	3	4	5
Hike-in tent site	1	2	3	4	5		1	2	3	4	5
Hiker-biker sites	1	2	3	4	5		1	2	3	4	5
Other type – please describe _____	1	2	3	4	5		1	2	3	4	5

Q15. Now please tell us about <u>your</u> priorities for the future – what should park and forest agencies in and near your community invest in? For <u>each</u> of the following amenities, please indicate the level of priority for future investment.

	Lowest priority need				Highest priority need
Children's playgrounds and play areas made of natural materials (logs, water, sand, boulders, hills, trees)	1	2	3	4	5
Children's playgounds and play areas built with manufactured structures like swingsets, slides, and climbing apparatuses	1	2	3	4	5
Picnic areas and shelters for small visitor groups	1	2	3	4	5
Picnic areas and shelters for large visitor groups	1	2	3	4	5
Paved / hard surface walking trails and paths	1	2	3	4	5
Dirt / other soft surface walking trails and paths	1	2	3	4	5
Off-street bicycle trails and pathways	1	2	3	4	5
Community gardens	1	2	3	4	5
Nature and wildlife viewing areas	1	2	3	4	5
Multi-use fields for soccer, football, lacrosse, etc.	1	2	3	4	5
Baseball / softball fields	1	2	3	4	5
Outdoor tennis courts	1	2	3	4	5
Basketball courts	1	2	3	4	5
Off-leash dog areas	1	2	3	4	5
Designated paddling routes for canoes, kayaks, rafts, driftboats	1	2	3	4	5
Public access sites to waterways	1	2	3	4	5
Off-highway vehicle trails/areas	1	2	3	4	5

Q16. Have you or any member of your household participated in any educational or recreational programs sponsored by a local, state, or federal recreation provider? Which of the following did you or any member of your household participate in during 2011? (Please check all that apply.)

- ☐ An organized outdoor recreation program (hiking, cross-country skiing/snowshoeing, cycling, climbing, paddling, etc.)
- ☐ Historical programs, including walks, reinactments, and tours
- ☐ Other guided or ranger-led programs
- ☐ Other types of recreation programs (special event, excursion, concert, etc) – this does not include use of facilities outside of programs, such as visiting a local park or swimming pool
- ☐ No programs of this type

Q17. Park and recreation agencies manage parks and provide a range of recreation services in your community – from after-school programs for children to adult hiking outings to senior centers. These parks and services can provide a range of benefits.

For <u>each</u> of the following potential benefits, please:

1. In the first column – rate how much you value the benefit, from <u>Least valued</u> to <u>Most valued</u>.

Then:

2. In the second column – based on what you have seen or heard, rate how well park and recreation agencies in your local community deliver each benefit, from <u>Currently does not deliver at all</u> to <u>Currently delivers extremely well</u>.

Potential benefit	Least valued				Most valued		Currently does not deliver at all				Currently delivers extremely well
	←				→		←				→
Improve physical health and fitness	1	2	3	4	5		1	2	3	4	5
Help reduce crime	1	2	3	4	5		1	2	3	4	5
Make your community a more desirable place to live	1	2	3	4	5		1	2	3	4	5
Preserve open space and the environment	1	2	3	4	5		1	2	3	4	5
Increase property values in your community	1	2	3	4	5		1	2	3	4	5
Improve mental health and reduce stress	1	2	3	4	5		1	2	3	4	5
Provide opportunities for social interaction	1	2	3	4	5		1	2	3	4	5
Help attract new residents and businesses	1	2	3	4	5		1	2	3	4	5
Preserve historical features in your community	1	2	3	4	5		1	2	3	4	5
Promote tourism	1	2	3	4	5		1	2	3	4	5
Enhance a sense of place and community	1	2	3	4	5		1	2	3	4	5

In this last section, please tell us a little about yourself. All responses to these questions, and others in the survey, are completely confidential. Only average scores will be reported.

Q18. When you are at work, which of the following best describes what you do? Would you say your work involves… (If you have multiple jobs, please consider all jobs combined.)

- ☐ Mostly sitting or standing
- ☐ Mostly walking
- ☐ Mostly heavy labor or physically demanding work
- ☐ I am not currently employed

Q19. We are interested in the connection between work and fitness. We use the ratio of height to weight as a measure of fitness. What is your height?

_____ feet and _____ inches tall

Q20. What is your weight?

_____ pounds

Q21. How old are you? _____ years old

Q22. How many adults and children currently live in your household?

_____ adults (18 years or older)

_____ children

Q23. What is your gender?

- ☐ Male
- ☐ Female

Q24. What is the highest educational degree you have completed? (Please check one box.)

- ☐ Did not complete high school
- ☐ High school diploma (or equivalency)
- ☐ Some college, but no degree
- ☐ Associate degree
- ☐ Bachelor degree
- ☐ Graduate or professional degree

Q25. Are you of Spanish / Hispanic / Latino descent?

- ☐ Yes
- ☐ No

Q26. Please select one or more of the following categories that best describes your race.

- ☐ Black / African American
- ☐ American Indian or Alaska Native
- ☐ Asian
- ☐ Native Hawaiian or other Pacific Islander
- ☐ White / European American
- ☐ Other

Q27. What is your household's total <u>annual</u> income before taxes? Include income for all persons that regularly live in your household and all sources of income – salary, pensions, interest or dividends, and all other sources.

- ☐ Less than $10,000
- ☐ $10,000 to $14,999
- ☐ $15,000 to $24,999
- ☐ $25,000 to $34,999
- ☐ $35,000 to $49,999
- ☐ $50,000 to $74,999
- ☐ $75,000 to $99,999
- ☐ $100,000 to $149,999
- ☐ $150,000 or more

Thank you for completing this survey. Please write any other comments you have about outdoor recreation in Oregon below.

Appendix C: Oregon Resident Non-Participant Survey

Outdoor Recreation in Oregon

A Study Conducted Cooperatively by:

Oregon State University

Outdoor recreation activities include a variety of things you do outdoors in your free time. They include walking and cycling along trails and roads, fishing and hunting, boating, camping, bird watching, sightseeing, playing sports like golf and soccer, attending outdoor concerts, and many more examples.

This includes activities you do locally (accessible on a daily basis), in your region, and elsewhere in Oregon.

Q1. You indicated you have not participated in outdoor recreation in Oregon in 2011. Which of the following statements apply to your situation? (Check the box for as many statements as apply.)

- ☐ I participated in outdoor recreation in 2011, but only outside Oregon
- ☐ I participated in outdoor recreation in Oregon previously – just not in 2011
- ☐ I have never participated in outdoor recreation

- ☐ Other – please describe _____

Q2. Are there reasons why you have stopped participating in outdoor recreation in Oregon, or have never participated in outdoor recreation? If so, please describe them here.

_____

Q3. Are there any outdoor recreation activities that you do not currently participate in in Oregon – but would like to? If so, please describe them here.

_____

Q4. What is the single most important thing that park and forest managers can do to help you participate in outdoor recreation in Oregon?

_____

Q5. The following is a list of possible reasons that may limit one's participation in outdoor recreation. For <u>each one</u>, please circle the number indicating how important that reason is in preventing you from participating in outdoor recreation in Oregon.

"Parks" includes local, state, and national parks, as well as forests and other places where people participate in outdoor recreation.

Reason	Not important				Extremely important
I don't have enough time / too busy with work, family, or other commitments	1	2	3	4	5
Conflicting schedules with spouse / companion	1	2	3	4	5
Health concerns	1	2	3	4	5
I can't afford the equipment / gear needed to participate in my desired activity	1	2	3	4	5
Parks and facilities are not developed enough (not enough picnic tables, playgrounds, restrooms, etc.)	1	2	3	4	5
Parks and facilities are over-developed	1	2	3	4	5
I don't have enough information about parks, facilities, and opportunities	1	2	3	4	5
Nearby parks do not offer enough organized activities and programs	1	2	3	4	5
There are not enough trail options in nearby parks	1	2	3	4	5
The activity I want to do is not allowed in nearby parks	1	2	3	4	5
Parks and facilities are too crowded	1	2	3	4	5
Park facilities and programs cost too much	1	2	3	4	5
I don't like to participate in nature or outdoor recreation activities	1	2	3	4	5
Lack of transportation / no way to get to parks	1	2	3	4	5
I have no one to go with to parks	1	2	3	4	5
I'm concerned about safety / crime in parks	1	2	3	4	5
Nearby parks are dirty or poorly maintained	1	2	3	4	5

In this last section, please tell us more about yourself. All responses to these questions, and others in the survey, are confidential and only averages will be reported.

Q6. When you are at work, which of the following best describes what you do? Would you say your work involves… (If you have multiple jobs, please consider all jobs combined.)

- ☐ Mostly sitting or standing
- ☐ Mostly walking
- ☐ Mostly heavy labor or physically demanding work
- ☐ I am not currently employed

Q7. We are interested in the connection between work and fitness. We use the ratio of height to weight as a measure of fitness. What is your height?

_____ feet and _____ inches tall

Q8. What is your weight?

_____ pounds

Q9. How old are you? _____ years old

Q10. How many adults and children currently live in your household?

_____ adults (18 years or older)

_____ children

Q11. What is your gender?

- ☐ Male
- ☐ Female

Q12. What is the highest educational degree you have completed? (Please check one box.)

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- ☐ Bachelor degree
- ☐ Graduate or professional degree

Q13. Are you of Spanish / Hispanic / Latino descent?

- ☐ Yes
- ☐ No

Q14. Please select one or more of the following categories that best describes your race.

- ☐ Black / African American
- ☐ American Indian or Alaska Native
- ☐ Asian
- ☐ Native Hawaiian or other Pacific Islander
- ☐ White / European American
- ☐ Other

Q15. What is your household's total <u>annual</u> income before taxes? Include income for all persons that regularly live in your household and all sources of income – salary, pensions, interest or dividends, and all other sources.

- ☐ Less than $10,000
- ☐ $10,000 to $14,999
- ☐ $15,000 to $24,999
- ☐ $25,000 to $34,999
- ☐ $35,000 to $49,999
- ☐ $50,000 to $74,999
- ☐ $75,000 to $99,999
- ☐ $100,000 to $149,999
- ☐ $150,000 or more

Thank you for completing this survey. Please write any other comments you have about outdoor recreation in Oregon below or on the survey cover.