



Visitor Survey of Day-use and Overnight Visitors at L. L. Stub Stewart State Park

Final Report

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Nature
HISTORY
Discovery

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EXECUTIVE SUMMARY

Objectives

Understanding opinions of park users about issues such as the quality of facilities, social and resource conditions, and how they use these parks is critical to providing adequate programs and services. Project objectives were to describe day and overnight user activities, demographic characteristics, and opinions about conditions and management at this park and provide recommendations for maintaining or improving conditions at this park.

Methods

Data were obtained from questionnaires administered to random samples of day users and overnight visitors to the park between July 4 and August 18, 2013. Separate methods were used for each of these visitor types. The total number of completed questionnaires was $n = 1091$ with a response rate of 73%. Completed questionnaires were received from $n = 445$ day users (86% response rate) and $n = 646$ overnight users (66% response rate). These combined sample sizes across survey methods allow generalizations about the population of day users at L. L. Stub Stewart State Park at a margin of $\pm 4.6\%$, overnight users at $\pm 3.8\%$, and both day and overnight users at $\pm 2.9\%$ at the 95% confidence level. The day-use visitor survey involved on-site intercepts. The overnight visitor survey involved an internet survey of visitors who stayed overnight at the park during the survey period and made a reservation through Reservations Northwest. Data were weighted by day-use and overnight user population proportions calculated from a three year average of park visitation statistics to ensure that responses were representative of the total population of all users at this park.

Results

Personal and Visit Characteristics

- The most popular activities were hiking / walking (61%), picnicking or barbecuing (30%), bicycling on paved trails, disc golf, and sightseeing (all 27%); the least popular were horseback riding (6%), running or jogging (6%), ranger-led programs (7%), and exercise dog at off-leash area (9%). Overnight users were more likely to participate in most activities, which is not surprising given that they had more time at the park.
- The most common primary main activity groups were disc golf (18%), mountain biking (16%), hiking or walking (15%), and bicycling on paved trails (9%). The least common groups were ranger led programs, exercising dog at off-leash area, and bird or wildlife watching (all $< 1\%$). Day users were more likely to consider disc golf, mountain biking, and hiking or walking as their primary activities, whereas overnight users were more likely to consider camping, horseback riding, and dog walking as their primary activity.
- Day users spent an average over three and a half hours in the park, with 89% of users spending up to five hours in the park. The majority of day users (83%), however, spent two to five hours. Overnight users spent an average of over two and a half nights at the park, although the largest proportions spent two (37%) or three (22%) nights at the park and an additional 19% spent one night at the park, 10% spent four nights, and another 13% spent five or more nights.
- Most visitors to the park were non-locals (60%), driving 31 miles or more to reach the park. Overnight users, on average, traveled farther ($M = 165.89$ miles) to visit the park than day visitors ($M = 59.77$ miles). Most overnight users (41%) traveled 31 to 60 miles to reach the park, whereas most day users (53%) traveled 30 miles or less, or 31 to 60 miles (40%) to reach the park.

- In total, 56% of respondents had visited this park before with no significant difference, however, between day users and overnight users with previous visitation. Although users had visited an average of over three times in the past 12 months, the highest proportion (31%) had visited the park only once, with 23% making three to five trips in the past year. On average, day users had visited significantly more times ($M = 4.25$) than overnight users ($M = 1.96$).
- Average group size was just over four people, but this average was skewed by a few extremely large groups (e.g., weddings, reunions). Groups most commonly consisted of two (32%) and three to four people (34%). Overnight users, on average, visited in larger groups ($M = 5.03$ people) than day users ($M = 3.35$), but these averages were again influenced by a few large groups. The majority of day users visited in groups of two people (34%), whereas a majority of overnight users visited in groups of three to four people (34%). Day users were more likely to visit alone (21%) than overnight users (6%), and overnight users (8%) were more likely than day users (3%) to visit in large groups consisting of more than 10 people.
- In total, 67% of park users did not bring dogs with them; 33% brought dogs. Overnight users (47%) were significantly more likely than day users (22%) to bring dogs.
- Almost all users arrived at the park in their family's personal vehicle (86%), 10% arrived in somebody else's vehicle, and 4% arrived in another form of transportation. On average, there were 2.79 people in each personal family vehicle, 2.58 people in somebody else's vehicle, and 4.16 people in other forms of transportation. For all day-use vehicles, there was an average of 2.41 people in the vehicle. For all overnight vehicles, there was an average of 3.03 people in the vehicle.
- Almost all (85%) users considered this park their main destination with more significantly more day users (90%) than overnight users (79%) considering it the main reason for their trip.
- If they had been unable to go to L. L. Stub Stewart State Park for this visit, most park visitors would have either gone somewhere else for the same activity (69%) or stayed home (11%).
- Day users (73%) were more likely than overnight users (64%) to go somewhere else for the same activity. Furthermore, overnight users reported that they would travel farther for the same activity ($M = 125.46$) than day users ($M = 53.55$), and would also travel farther for a different activity ($M = 117.86$) than day users ($M = 28.42$).
- If they had been unable to go to L. L. Stub Stewart State Park for this visit, many day users would have gone to Champoeg State Park, Dabney State Park, Forest Park, Gales Creek, Henry Hagg Lake Park, Hornings Hideout Private Park, Milo McIver State Park, Mt. Hood National Forest, Pier Municipal Park, Rooster Rock State Park, Sandy Ridge Trail System, and Silver Falls State Park; whereas overnight users would have gone to Cape Lookout State Park, Champoeg State Park, Fort Stevens State Park, Nehalem Bay State Park, Oxbow Regional Park, Silver Falls State Park, South Beach State Park, Detroit Lake State Park, Devil's Lake State Park, private RV parks (i.e., KOA, RV), South Beach State Park, and other coastal state parks.

Physical Activity

- A majority of all visitors indicated that they participated in moderate physical activity (84%), while 48% indicated participating in vigorous physical activity. A similar amount of day users participated in moderate physical activity (86%) as overnight users (83%),

however, overnight users spent more minutes ($M = 184$) than day users ($M = 126$) participating in moderate physical activity. Day users (58%) were significantly more likely to participate in vigorous physical activity than overnight users (35%), however, overnight users ($M = 125$) spent significantly more minutes participating in vigorous physical activity than day users ($M = 105$) during their visit.

- About half (49%) of all visitors indicated that their level of physical activity during their visit to L. L. Stub Stewart State Park was more than their daily life, whereas 38% indicated it was about the same, and 12% indicated it was less. More day users (54%) than overnight users (43%) indicated that their level of physical activity while at the park was more than their daily life.
- Park visitors reported their visit helped to reduce stress (83%), improve mental health (82%), reduce anxiety (73%), and improve physical health (63%) and physical fitness (60%). Day users reported significantly more physical and mental benefits from their visit than overnight users, whereas overnight users were least likely to report health benefits related to improving their level of physical fitness (45%) and physical health (42%).

Visitor Spending

- The majority of local day users reported spending \$1-\$25 (48%) and \$51-\$150 (23%), while the majority of local overnight users reported spending \$151-\$350 (47%).
- The majority of non-local day users reported spending \$1-\$25 (31%) and \$26-\$50 (29%), while the majority of non-local overnight users reported spending \$151-\$350 (41%) and \$51-\$150 (32%).
- Most local day-use visitor parties reported spending on park entry fees (70%), gasoline and oil (61%), and restaurants and bars (35%). Most local overnight visitors reported spending money on gasoline and oil (87%), groceries (87%), and camping fees (75%).
- The majority of non-local day users reported spending money on park entry fees (67%), and gasoline and oil (60%), while non-local overnight users reported spending money on gasoline and oil (79%), groceries (77%), and camping fees (74%).
- Most visitors reported spending some money on gasoline and oil (69%), park entry, parking, or recreation use fees (65%), groceries (56%), and camping fees (43%).
- Day users reported that they would spend no more than an average of \$79 than they already spent before deciding not to visit the park, whereas overnight users reported that they would spend an average of no more than \$116 than they already spent before deciding not to visit the park. The largest percentage of day users (64%) reported they would spend no more than \$1 to \$25 before deciding not to visit. The largest percentage of overnight users (28%) reported they would spend no more than \$51 to \$150 before deciding not to visit the park.
- Over a third (36%) of all visitors were staying away from home within 30 miles of the park with significantly more overnight users (70%) than day users (11%) staying away from home. Of those users staying away from home within 30 miles of the park, respondents indicated staying an average of almost three nights (2.78), with overnight users (2.82) staying more nights on average than overnight users (2.59).

Obtaining Information about the Parks

- Almost all users (95%) were able to find the information they needed when planning their visit to this state park, and the few (5%) who did not find the information they needed

would like: more detailed mountain bike trail maps (also difficult to find on website), conditions of mountain bike trails, distance to hike-in campsites, more congruence between website and call center regarding campsite availability, disc golf course qualities, campsite and cabin qualities (shade, privacy), directions for how to navigate OPRD and Reserve America websites, and more information about the park in general.

- The most heavily used sources of information were official internet websites (e.g., Oregon State Parks, Travel Oregon; 87% used sometimes or often), friends or family members (68%), previous visits (67%), brochures (50%), and highway signs (48%). The least used sources were health care providers (6%), videos or DVDs (8%), community organizations or church (13%), radio (13%), and work (16%). Day users utilized most sources much more often, but overnight users (96%) were more likely than day users (80%) to obtain information from official internet websites.
- Official internet websites were used by most respondents (81%) as their first primary information source, followed by friends or family members (10%). Overnight users were almost entirely dependent on official websites as their primary source (91%). Day users were also heavily dependent on these websites (74%), but also used other sources such as friends and family (12%) and social media websites (3%).

Satisfaction with Experiences and Conditions

- Users considered the most important characteristics at this park were its absence of litter (96%), cleanliness (e.g., lawn care, lack of graffiti; 95%), cleanliness of toilets / bathrooms (90%), condition / maintenance of trails (90%), and the good value for fee paid at the park (90%). The least important attributes were the ease of movement / access (wheelchair, elderly, stroller; 34%), facilities for groups to gather (37%), number and quality of information / education programs or materials (46% to 55%), and presence of park rangers / personnel (66%). Having facilities for groups to gather were considered to be more important to day users than overnight users. Overnight users considered the absence of litter, cleanliness of park and toilets / bathrooms, good value for fee paid, presence and courteousness of rangers / personnel, personal safety, information about conditions / hazards, having a variety of things to do, and number of educational information to be more important. Almost all (96%) overnight users considered comfort of campsites to be important and 93% believed that shading provided by trees and other structures was important.
- Overall satisfaction among users was extremely high, as 95% were satisfied with the highest proportion of users being “very satisfied” (62%). Users were most satisfied with the park cleanliness (97%), absence of litter (97%), personal safety (93%), number and condition of park trails (91% to 90%), good value for fee paid at park (91%), cleanliness of toilets (90%), and courteousness of rangers / personnel (90%). Users were least satisfied with the facilities for groups to gather (61%), ease of movement / access (e.g., wheelchair, elderly, stroller; 61%), amount and quality of educational information provided (69% to 70%), and information about conditions / hazards (76%). Day users were more satisfied with the good value for the fee paid at the park, cleanliness and amount of toilets / bathrooms, opportunities to escape crowds, parking for vehicles, having variety of things to do, and the group facilities, whereas overnight users were more satisfied with the lack of litter. Overnight users were also satisfied with the comfort of campsites (88%) and the shading provided by trees (66%).
- Most respondents were also satisfied with the natural environment (96%), facilities and services (95%), and with the fee(s) paid (86%).

- Most respondents (93%) said they were likely to return to this park in the future.
- An Importance – Performance analysis showed that all park attributes were in the “keep up the good work” category, indicating that users thought that staff were doing a good job managing conditions and experiences. There was, however, one attribute that was important to overnight users, but these users were only slightly satisfied with these attributes. This attribute fell into the “concentrate here” category and included shading provided by trees or other structures within the overnight use areas of the park.
- Almost all visitors (97%) to L. L. Stub Stewart State Park would recommend the park to their friends or family, with more day users (99%) willing to recommend the park than overnight users (95%). Reasons respondents indicated they would not recommend the park were because there is not enough to do (especially for kids), too crowded in the campsites, lack of border vegetation and shade throughout park, horse riding on trails with bikes may be unsafe, lack of privacy, and distance to the walk-in campsites.
- The most commonly reported outstanding features and things to do at L. L. Stub Stewart State Park involved: (a) access to the Banks – Vernonia bike trail; (b) the number of hiking, mountain bike, and horse riding trails; (c) beautiful scenery and views; (d) disc golf course; (e) camping and cabin facilities; (f) cleanliness of park; (g) close proximity to Portland; (h) quiet with not too many people; (i) full campsite hookups; (j) facilities for camping with horses; and (k) the hot showers.
- Both day users (25%) and overnight users (46%) felt slightly crowded with 34% of all park users feeling some degree of crowding on their visit. These results suggest that crowding in the overnight use areas are in the “low normal” range, and are in the “suppressed crowding” range in the day use areas, suggesting that access, displacement, or crowding problems are not likely to exist at this time in these areas and may offer unique lower density experiences.

Attitudes About Programs and Management Strategies

- Almost two thirds (61%) of day users and almost half of overnight users (43%) would consider participating in a Let’s Go program. Programs with the most interest were stargazing (49%), hiking (45%), kayaking (41%), and disc golfing (39%), while programs with the least interest were scenic bicycling on roads (25%), rock climbing (29%), and horseback riding (29%). Overnight users were more interested in programs associated with stargazing (64%), canoeing (45%), camping (40%), birding (39%), fishing (41%), geocaching (46%), and horseback riding (35%), while day users were more interested in programs associated with mountain biking (42%).
- Park users were most interested in learning about railroad history (48%), astronomy (stargazing; 48%), edible plants (47%), logging history (45%), park history (45%), and flora and fauna (tracking and identification; 45%). Park users were least interested in learning about hydrology (23%), leave no trace practices (23%), geology (32%), and birding (32%). Overnight users were more interested than day users in learning about astronomy (55%) and logging history (51%) than day users.
- Almost one fifth (19%) of all users at LL Stub Stewart State Park would be interested in volunteering at the park. Day users (23%) were significantly more interested in volunteering at the park than overnight users (15%).
- Only 5% of day and overnight users utilized a concession service or activity (e.g., fishing, rafting, bicycling, scenic or historic tour) while at L. L. Stub Stewart State Park. The most popular concession service/activities were REI mountain biking, guided hikes,

OMSI stargazing party, disc golf and bicycle equipment purchases, visitor center tour, and firewood.

- Users most strongly supported management strategies designed to provide more opportunities at the park for viewing wildlife (80%), opportunities for escaping crowds (76%), more recycling containers (66%), more opportunities for hiking (65%), more natural buffers to block view of development (62%), and more information / education (60%). The least supported strategies were to close park to all recreation / tourism activities (7%), limit the number of people and large groups allowed per day (22% to 37%), provide food for sale (27%), more group picnic areas (30%), more enclosed shelters (34%), and to provide downloadable mobile phone applications (37%). Day users were more supportive of providing more opportunities for escaping crowds, more recycling containers, more opportunities for hiking, restoring park to historical conditions, improve maintenance of facilities / services, not changing a thing, making park more pet friendly, more enclosed shelters, and more group picnic areas. Overnight users were more supportive of requiring dogs be kept on leash at all times, providing wireless internet access in park, more paved trails, and limiting the number of people allowed per day.
- A majority of overnight users supported adding more campsites with both RV and tent camping (51%) and more space between campsites (48%). They were least supportive of more walk in / cart in campsites (24%), more group camping areas (27%), more tent camping in campgrounds (33%), and increasing enforcement of quiet hours (36%).
- There was overall low support for service reductions in the park. The highest support was for reducing ranger-led programs (27%) and ground maintenance (21%) with the lowest support for reducing janitorial services (8%), number of hours open (8%), and scaled down facilities (9%). Day users were significantly more supportive of fewer ranger-led programs, reduced ground maintenance (e.g., mowing), scaled down facilities, and reduced janitorial services than overnight users.
- The most popular type of campsite was an RV campsite (62%). In addition, 19% of overnight users stayed in cabins, and 16% stayed in tent campsites. Few overnight users (< 1%) stayed in group tent or group RV sites, and yurts.
- Overnight users reported that if they were to stay at an RV or tent campsite, 53% would need 30 amps, 24% would need 50 amps, and 19% would need no electrical power. Few users 4% would need 100 amps.
- In total, 78% of overnight users reserved their visit using the internet reservation system, 21% used the telephone reservation system, and 1% had someone else make the reservation. Satisfaction with the reservation system was high, as 88% were satisfied and only 12% were not satisfied, and the highest proportion of overnight users was “very satisfied” (49%).

Sociodemographic Characteristics of Users

- There were a few more male (57%) than female (43%) users at this park.
- The average age of users was approximately 45 years old, and the largest proportions of users were 40 to 49 years old (25%) and 30 to 39 years old (24%).
- The average annual household income before taxes of respondents was \$80,000, and the largest proportion of users had incomes from \$70,000 to \$89,999 (17%) and \$50,000 to \$69,999 (16%). Visitors to L. L. Stub Stewart State Park are generally wealthier than the

Oregon population at large (Oregon median income household income in 2010 was \$51,994).

- Most respondents were white (i.e., Caucasian; 91%) with few Asians (4%), Hispanic / Latinos (2%), American Indian / Alaska Natives (1%), and Blacks / African Americans (1%).
- There was not a significant difference in ethnicity between day and overnight users.
- Almost all respondents (98%) reported English as their primary language spoken in their homes.
- About 86% of park users lived in Oregon, 7% resided in Washington State, 2% were from California, and 2% were from British Columbia, Canada. A majority of day users lived in Oregon (94%) and Washington State (3%), while a majority of overnight users resided in Oregon (76%), Washington State (11%), California (3%), and British Columbia, Canada (3%).
- Among park users, 72% of park users resided in the Portland Metro region, 12% resided in another state, 8% lived in the Willamette Valley, and 2% or fewer lived in each of the other regions of the state (i.e., Mt. Hood / Gorge, Coastal, Central, Southern, Eastern). The largest percentage of overnight users was from the Portland Metro region (53%), another state (20%), and the Willamette Valley (14%). Day users primarily came from the Portland Metro region (86%), with a few more from other states (5%), and the Willamette Valley (4%).
- In total, 89% of park users said that nobody in their group had a disability, whereas 11% had at least one group member with a disability. Overnight users (17%) were more likely to have at least one group member with a disability than day users (6%). Of those who had a disability, the most common was associated with walking (6% of park users), while 2% had a hearing disability, 1% had a learning disability, and 1% had impaired sight.

Recommendations

Management Recommendations

- Almost all day and overnight users traveled to this park in their own vehicles (86%), so adequate parking is important and should be considered in planning and management.
- The average number of visitors per vehicle for L. L. Stub Stewart State Park day-use visitors (2.41) was lower than the current FMS assumption of 4.0 visitors per vehicle. Park managers may want to use this updated figure in future day-use visitation calculations for the park.
- Almost half of overnight users (47%) and 22% of day users brought dogs with them to this park, so it will be important to ensure adequate facilities to accommodate dogs and their owners (e.g., pick up bags, signs specifying regulations or restrictions), especially in the overnight camping areas. There were also various concerns in the narrative portions of the survey regarding the noise or mess left behind by dogs. Managers may want to consider examining enforcement of existing pet regulations in the day and overnight areas as 50% of all visitors supported requiring dogs be on leash at all times and only 42% supported making the park more pet friendly.
- Almost all users (95%) were satisfied with their experiences and the conditions at this park. Satisfaction, however, was consistently lower for group facilities (37%) and the amount (46%) and quality (55%) of information and education materials and programs.

Managers may wish to evaluate these services to users to ensure they are meeting visitor needs.

- Users were also somewhat less satisfied with the ease of movement and access around the park (e.g., wheelchair, stroller, elderly; 34%). Given that over 18% of park visitors (over 26% of overnight users) were over the age of 60 and 11% of users had disabilities (10% with disabilities related to walking), managers may want to consider evaluating access throughout the park and perhaps even obtaining a current ADA or related audit.
- Approximately 25% of day and 46% of overnight users felt crowded at the park. These results suggest that crowding in the overnight use areas are in the “low normal” range, and are in the “suppressed crowding” range in the day use areas, indicating that access, displacement, or crowding problems are not likely to exist at this time in these areas and may offer unique lower density experiences. LL Stub Stewart State Park is a relatively new park that is still being discovered. As the park becomes more popular, monitoring and management of park use levels will be needed, especially given that 79% of day users and 73% of overnight users supported the provision of more opportunities for escaping crowds.
- Users most strongly supported strategies designed to provide more opportunities at the park for viewing wildlife (80%), opportunities for escaping crowds (76%), more recycling containers (66%), more opportunities for hiking (65%), more natural buffers to block view of development (62%), and more information / education (60%). A majority of overnight users also supported adding more campsites with both RV and tent camping (51%) and more space between campsites (48%). Managers may want to consider some or all of these strategies.
- An Importance – Performance analysis showed that all park attributes were in the “keep up the good work” category, indicating that users thought that staff were doing a good job managing conditions and experiences. There was, however, one attribute that was important to overnight users, but these users were only slightly satisfied with the attribute. This attribute fell into the “concentrate here” category and was associated with shading provided by trees or other structures in the overnight-use areas of the park. LL Stub Stewart State Park is a relatively new park with trees and vegetation that may not have grown enough to provide adequate shade. These results indicate that managers might consider examining alternative shading options, especially since the number of visitor comments in Appendix A indicating a need for shade and vegetation for privacy.
- The visitor spending analysis showed that non-local overnight visitor party spending was substantial, with the highest percentage (41%) reporting spending \$150-\$350 on their trip (within 30 miles of the park). Most visitors reported spending some money on gasoline and oil (69%), park entry, parking, or recreation use fees (65%), groceries (56%), and camping fees (43%). A more extensive visitor spending analysis of this data set is being conducted by Oregon State University (OSU) and will be available in a separate report. Park managers may want to use the OSU report findings to help inform local community leaders about the positive impact of L. L. Stub Stewart State Park visitor spending on the local economies.
- The largest proportion of users (81%) depended on official internet websites as the first primary source of obtaining information about state parks such as L. L. Stub Stewart State Park, and the majority of overnight users (78%) reserved their spot at this park using the online / internet reservation system. Given these findings, it is imperative for

staff to ensure that agency and park internet websites are easy to navigate, up to date, and provide comprehensive information.

- Almost all park visitors (95%) were able to find the information they needed when planning their visit to L. L. Stub Stewart State Park. However, some visitors (5%) were not able to find all information needed. The most popular information needed was more detailed mountain bike trail maps (also difficult to find on website), conditions of mountain bike trails, distance to hike-in campsites, more congruence between website and call center regarding campsite availability, disc golf course qualities, campsite and cabin qualities (shade, privacy), directions for how to navigate OPRD and Reserve America websites, and more information about the park in general.
- Users also provided 836 verbatim open ended comments on what they found to be the most outstanding features or things to do at L. L. Stub Stewart State Park. The most common outstanding features and things to do involved: (a) access to the Banks – Vernonia bike trail; (b) the number of hiking, mountain bike, and horse riding trails; (c) beautiful scenery and views; (d) disc golf course; (e) camping and cabin facilities; (f) cleanliness of park; (g) close proximity to Portland; (h) quiet with not too many people; (i) full campsite hookups; (j) facilities for camping with horses; and (k) the hot showers.
- Users provided 724 verbatim open ended positive and negative comments, and suggestions for possible improvement of L. L. Stub Stewart State Park and other park related issues. The most common concerns raised involved: (a) lack of shading, buffers, and privacy in the overnight areas; (b) cleanliness and number of bathroom facilities; (c) not enough trash and recycle containers (overnight areas, trails, disc golf course); (d) location of parking areas too far from mountain bike area; (e) inadequate maps and signage to and within park (especially directional signs on trails and disc golf course); (f) lack of water activities (pool, lake, river); (g) not enough enforcement of quiet hours; (h) too many rules; (i) too many ranger patrols; (j) conflict between mountain bikers, hikers, and horseback riders; (k) enforcement of pets (off leash, dog waste, barking); (l) trail maintenance (uneven trails, bumpy, muddy); (m) more horse camping sites and round pen for horses to burn energy; (n) and more trails (hiking, biking, horse).

TABLE OF CONTENTS

Executive Summary ii

Table of Contents xi

List of Tables xiii

List of Figures xiv

Introduction and Objectives 1

Methods..... 1

 Onsite Survey of Day Users..... 1

 Internet Survey of Overnight Users 2

 Sample Sizes and Response Rates 2

Results..... 4

 Personal and Visit Characteristics 4

 Activity Groups..... 4

 Duration of Visit 6

 Distance Traveled 7

 Previous Visitation..... 8

 Group Size 8

 Bringing Dogs to the Park..... 9

 Transportation to the Park..... 9

 Reasons for Visiting..... 10

 Alternatives to Visit 10

 Section Summary 11

 Physical Activity and Other Health Benefits 14

 Section Summary 15

 Visitor Spending 16

 Section Summary 19

 Obtaining Information About the Park 20

 Section Summary 22

 Satisfaction with Experiences and Conditions..... 23

 Overall Satisfaction..... 23

 Satisfaction and Expectations with Specific Characteristics 23

 Importance – Performance Analysis..... 26

 Outstanding Features 30

Perceived Crowding.....	30
Section Summary	30
Attitudes About Programs and Management Strategies	32
Let's Go Program Interest.....	32
Attitudes About Management Strategies	35
Overnight Campsite Use	37
Overnight User Requirements.....	37
Section Summary	39
Sociodemographic Characteristics of Users	41
Section Summary	44
Recommendations.....	45
Management Recommendations.....	45
References.....	49
Appendix A. Open-Ended Comments	50
Positive Comments	50
Negative Comments and / or Issues for Improvement.....	55
Appendix B. Questionnaires	81
Appendix C. Uncollapsed Percentages	98

LIST OF TABLES

1	Sample sizes and response rates for each survey approach	3
2	Comparison of day and overnight users for recreation activities at the park.....	5
3	Comparison of day and overnight users for primary activity at the park	6
4	Duration of visit at the park	7
5	Comparison of day and overnight user distance traveled to the park	7
6	Comparison of day and overnight user previous visitation to the park	8
7	Comparison of day and overnight user number of previous visits to the park in the last 12 months	8
8	Comparison of day and overnight user group size at the park.....	9
9	Comparison of day and overnight users bringing dogs with them to the park	9
10	Comparison of day and overnight user transportation to the park.....	10
11	Comparison of day and overnight users in whether the park was their main destination	10
12	Comparison of day and overnight users alternatives to park visit.....	11
13	Comparison of day and overnight user participation in moderate and physical activity during visit	14
14	Comparison of day and overnight user level of physical activity at Silver Falls to daily life	15
15	Comparison of day and overnight user health benefits related to park visitation.....	15
16	Comparison of day and overnight users, local / non-local.....	17
17	Comparison of day and overnight total spending, dollars per party per trip	17
18	Comparison of percent of day and overnight party spending of any dollars in eight spending categories.....	18
19	Comparison of day and overnight additional spending before deciding not to visit .	18
20	Comparison of day and overnight user nights staying away from home within 30 miles of park	19
21	Comparison of day and overnight users in whether they found the information needed	20
22	Comparison of day and overnight user use of information sources.....	21
23	Comparison of day and overnight users for primary information source	22
24	Comparison of day and overnight user overall satisfaction.....	23
25	Comparison of day and overnight user specific expectations at the park.....	24
26	Comparison of day and overnight user specific satisfactions at the park	25
27	Comparison of day and overnight user likelihood of returning and satisfaction with the park fees, facilities, and environment	29

28	Comparison of day and overnight user recommendation of park to friends and family	29
29	Comparison of day and overnight crowding evaluations	30
30	Comparison of day and overnight user consideration of participating in “Let’s Go” programs.....	33
31	Comparison of overall day and overnight user interest in learning about a variety of topics while at the park	34
32	Comparison of day and overnight interest in volunteering at the park.....	34
33	Comparison of overall day and overnight user participation in concession services / activities.....	35
34	Comparison of day and overnight user attitudes about management at the park	36
35	Comparison of day and overnight user support of possible service reduction at the park.....	37
36	Overnight campsite use at the park.....	37
37	Overnight user power supply needs.....	38
38	Overnight user importance of RV hookups	38
39	Overnight user reactions to the reservation systems.....	38
40	Comparison of day and overnight user demographic characteristics	42
41	Respondent location of residence	43
42	Comparison of day and overnight user disabilities.....	44

LIST OF FIGURES

1	Importance-performance (I-P) analysis matrix	26
2	Importance-performance (I-P) analysis matrix for day users	27
3	Importance-performance (I-P) analysis matrix for overnight users.....	28

INTRODUCTION AND OBJECTIVES

The Oregon State Parks system provides public access to a collection of the state's outstanding natural, cultural, scenic, and outdoor recreation resources. Understanding the opinions of park users regarding issues such as the quality of facilities, recreational opportunities, social and resource conditions, and how they use these parks is critical to providing effective facilities, programs, and services. Project objectives were to describe day and overnight user activities, demographic characteristics, and opinions about conditions and management at this park and provide recommendations for maintaining or improving conditions at this park.

METHODS

Data were obtained from questionnaires (see Appendix B) administered to randomly selected samples of day and overnight users at L. L. Stub Stewart State Park between July and August 2013. Separate survey methods were used for each of these visitor types — on-site (face to face) for day users and electronic (email, internet) for overnight users. Questionnaires administered to overnight users were basically identical to those administered to day users, but contained a few additional questions specific to overnight activities (e.g., camping). Each day user or overnight user contacted only completed the full length questionnaire once using only one of these methods, not multiple times using more than one approach.

Onsite Survey of Day Users

Day users 18 years of age and older who visited L. L. Stub Stewart State Park between July 4 and August 18, 2013 were approached in person (face to face) and asked to complete the six page questionnaire onsite at this park. Onsite questionnaires were necessary because personal contact information (e.g., home mail and email addresses, telephone numbers) required for alternative approaches such as telephone or mail surveys are not available from day users, as OPRD does not regularly collect this information from these users. Day users were asked if they would be willing to complete the questionnaire and asked to immediately complete and return the full length questionnaire onsite. Questionnaires were printed on both sides of two legal sized (8 ½ x 14) pages and folded into a small booklet, and took most respondents approximately 15 to 20 minutes to complete. Respondents were provided with a clipboard and pen to complete the questionnaire onsite. Two volunteers (e.g., Camp Hosts) administered these questionnaires to reduce costs.

Internet Survey of Overnight Users

Random samples of overnight users 18 years of age and older were contacted via email and directed to complete the questionnaire on the SurveyMonkey internet website (<http://www.surveymonkey.com/>). OPRD and Reservations Northwest collect contact information such as email addresses from overnight users when these users reserve their camping spot through the agency telephone or internet reservation systems. A single completion option on the SurveyMonkey website was used to ensure that respondents did not complete the full length questionnaire more than once.

Users were sent a first email letter that requested their participation by completing an internet questionnaire, provided standard verbiage regarding recruitment / consent and length. A week after this initial email, a second email letter was sent to those who had not yet completed the internet questionnaire stressing the importance of the study, emphasizing anonymity and confidentiality, and requesting participation. A third final email letter was sent to those that had not yet completed the questionnaire. No further email letters were sent, so users were considered a nonresponse if they did not complete the internet questionnaire following these three email letters. Email letters requesting participation were sent between July 24 and August 7, 2013. These emails and internet questionnaires were administered by researchers at the Oregon Parks and Recreation Department.

Sample Sizes and Response Rates

As shown in Table 1, the total number of completed questionnaires across all survey approaches was $n = 1091$ with an estimated total response rate of 73%. Completed questionnaires were received from $n = 445$ day users (86% response rate) and $n = 646$ overnight users (66% response rate). These combined sample sizes across survey methods allow generalizations about the population of day users at L. L. Stub Stewart State Park at a margin of $\pm 4.6\%$, overnight users at $\pm 3.8\%$, and both day and overnight users at $\pm 2.9\%$ at the 95% confidence level.

Table 1. Sample sizes and response rates for each survey approach

	Initial contacts	Completed surveys (<i>n</i>)	Response rate (%)
Day Users	517	445	86
Overnight Users	976	646	66
Total	1493	1091	73

Table 1 also shows that the total number of completed questionnaires for overnight users (*n* = 646) was higher than day users (*n* = 445). Between 2010 and 2012, however, a much larger proportion of the total population of users at L. L. Stub Stewart State Park consisted of day users. Actual population estimates for day users, for example, ranged from 42,160 in 2011, 42,988 in 2012, and 69,472 in 2013 compared to just 39,938 overnight users in 2010, 41,930 in 2011, and 44,656 overnight users in 2012. These average use levels across the three years from 2010 to 2012 show that approximately 55.0% of users at L. L. Stub Stewart State Park were day users and 45.0% were overnight users. The sample for this project, however, consisted of 40.8% day users and 59.2% overnight users. Consequently, in the results sections reporting findings only for all users taken together (i.e., total users at L. L. Stub Stewart), the data were weighted by population proportions calculated from the three year average using the following formula (Vaske, 2008) to ensure that questionnaire responses were statistically representative of the total population of all users at this park:

$$\text{Weight} = \frac{\text{Population \%}}{\text{Sample \%}}$$

$$\text{Weight (day users)} = \frac{0.550}{0.408} = 1.348$$

$$\text{Weight (overnight users)} = \frac{0.450}{0.592} = 0.760$$

Questionnaires administered to both the day users and overnight users included questions on a range of topics such as prior visitation, activity participation, visitor spending, satisfaction, support of management, and demographic characteristics. Results in this report are grouped into subsections according to these questions. Within each subsection, analysis is conducted on potential differences between day users and overnight users. Percentages, crosstabulations, and bivariate statistical tests were used to analyze and present results. These tests produce *p*-values and when a *p*-value associated with any statistical tests (i.e., χ^2 , *F*) presented in this report is $p \leq$

.05, a statistically significant relationship or difference was observed between groups or variables. In addition to these tests of statistical significance, effect size statistics (e.g., Cramer's V , η^2) were used to compare the strength of relationships. In general, a value of .10 for effect sizes can be considered a "minimal" (Vaske, 2008) or "weak" (Cohen, 1988) relationship or difference. An effect size of .30 is considered "medium" or "typical," and .50 or greater is a "large" or "substantial" relationship or difference; larger effect sizes imply stronger relationships or differences. To highlight key findings, data were often recoded into major response categories (e.g., agree, disagree; support, oppose), but basic descriptive findings of uncollapsed questions (i.e., strongly, slightly agree) are provided in Appendix C.

RESULTS

Personal and Visit Characteristics

Activity Groups. The questionnaires asked respondents to check all of the activities in which they participated at L. L. Stub Stewart State Park on their most recent trip. Table 2 shows that the most popular activities at this park were hiking / walking (61%), picnicking or barbecuing (30%), bicycling on paved trails, disc golf, and sightseeing (all 27%). The least popular activities were horseback riding (6%), running or jogging (6%), ranger-led programs (7%), and exercise dog at off-leash area (9%). Participation rates differed significantly between day users and overnight users for 14 of these 15 activities; participation in other activities did not differ between these two groups. Overnight users were most likely to participate in hiking or walking (77%), picnicking or barbecuing (37%), bicycling on paved trails (36%), dog walking (35%), and of course camping (88%). Day users were most likely to participate in hiking or walking (48%), disc golf (35%), mountain biking (32%), picnicking or barbecuing (25%), and sightseeing (23%). In many cases, overnight users were significantly more likely to participate in the various activities, which is not surprising given that they had much more time at the park to engage in activities.

Table 2. Comparison of day and overnight users for recreation activities at the park

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Hiking or walking	48	77	61	99.79	< .001	.31
Picnicking or barbecuing	25	37	30	16.01	< .001	.12
Bicycling on paved trails	20	36	27	33.15	< .001	.17
Disc golf	35	16	27	54.20	< .001	.23
Sightseeing	23	31	27	7.24	.007	.01
Dog walking	19	35	26	35.60	< .001	.18
Mountain biking	32	12	23	61.63	< .001	.24
Outdoor photography	12	24	17	25.46	< .001	.15
Bicycling on local roads	7	15	11	18.02	< .001	.13
Bird or wildlife watching	9	14	11	6.06	.014	.07
Exercise dog at off-leash area	7	12	9	5.21	.022	.07
Other ^c	7	10	8	2.41	.121	.05
Ranger-led programs	1	13	7	67.77	< .001	.22
Running or jogging	4	8	6	5.99	.014	.07
Horseback riding	1	12	6	59.76	< .001	.21
Camping	--	88	--	--	--	--

^a Cell entries are percentages (%) of users who reported participating in the activity at the park on their most recent visit. Percentages do not sum to 100% because respondents could check more than one activity from the list.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c The most popular “other” activities were: social events (e.g., weddings, reunions, party, celebrations), checking out facilities, geocaching, star gazing (OMSI perseids meteor shower gathering), REI outdoor map and compass course, riding motorcycles or quads, relaxing, reading, and playing.

Respondents were then asked to specify the one primary activity in which they participated most often during their recent visit to L. L. Stub Stewart State Park. Table 3 shows that the most common primary activity groups were disc golf (18%), mountain biking (16%), hiking or walking (15%), and bicycling on paved trails (9%). The least common activity groups were ranger led programs, exercising dog at off-leash area, and bird or wildlife watching (all < 1%). There was, however, a statistically significant and “substantial” difference between primary activities of day users and overnight users. Day users, for example, were more likely to consider disc golf, mountain biking, and hiking or walking as their primary activities, whereas overnight users were much more likely to consider camping, horseback riding, and dog walking as their primary activity.

Table 3. Comparison of day and overnight users for primary activity at the park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Disc golf	31	3	18
Mountain biking	27	2	16
Hiking or walking	18	13	15
Bicycling on paved trails	9	10	9
Horseback riding	0	10	5
Dog Walking	3	5	4
Other	4	4	4
Picnicking or barbecuing	5	2	3
Sightseeing	1	2	2
Running or jogging	1	1	1
Bicycling on local roads	1	1	1
Outdoor photography	1	< 1	1
Bird or wildlife watching	0	< 1	< 1
Exercise dog at off-leash area	0	< 1	< 1
Ranger-led programs	0	< 1	< 1
Camping	0	48	22

^a $\chi^2 = 675.54, p < .001, V = .71$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Duration of Visit. Day users were asked to report how many *hours* they spent at L. L. Stub Stewart State Park on their recent trip and overnight users were asked how many *nights* in a row they spent at the park on their trip. Table 4 shows that, on average, day users spent over three and a half hours in the park, with 89% of users spending up to five hours in the park. The majority of day users (83%), however, spent two to five hours.

Overnight users spent an average of over two and a half nights at the park, although the largest proportions spent two (37%) or three (22%) nights at the park (Table 4). An additional 19% spent one night at the park, 10% spent four nights, and another 13% spent five or more nights.

Table 4. Duration of visit at the park

Day Users (Hours)	
1 hour	6
2 hours	23
3 hours	36
4 to 5 hours	24
6 to 9 hours	8
10 or more hours	3
Mean / average hours	3.61
Overnight Users (Nights)	
1 night	19
2 night	37
3 night	22
4 night	10
5 night	7
6 or more nights	6
Mean / average nights	2.75

¹ Cell entries are percentages (%) unless specified as means / averages

Distance Traveled. Respondents were also asked to report about how far from home they traveled to get to the park. Table 5 shows that 40% of visitors were local (driving 30 miles or less to reach the park) and another 47% originated 31 to 120 miles from the park. A higher percentage of day-use visitors (53%) than overnight visitors (24%) were local. Overnight users, on average, traveled farther ($M = 165.89$ miles) to visit the park than day visitors ($M = 59.77$ miles).

Table 5. Comparison of day and overnight user distance traveled to the park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
30 miles or less	53	24	40
31 to 60 miles	40	41	40
61 to 90 miles	3	9	6
91 to 120 miles	1	2	1
121 to 150 miles	0	3	1
151 to 250 miles	1	9	4
251 to 500 miles	1	7	3
501 or more miles	2	6	4
Mean / average ^c	59.77	165.89	107.20

^a $\chi^2 = 176.75, p < .001, V = .38.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c $t = 6.03, p < .001, r_{pb} = .17.$

Previous Visitation. Users were asked if they had ever visited L. L. Stub Stewart State Park before their most recent trip. Table 6 shows that 56% of respondents had visited this park before, whereas 44% had not visited previously. There was no significant difference, however, between day users and overnight users with previous visitation.

Table 6. Comparison of day and overnight user previous visitation to the park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Yes, visited park before	57	55	56
No, not visited park before	43	45	44

^a $\chi^2 = 0.55, p = .457, \phi = .02$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Users who had previously visited this park were then asked how many trips they had made to this park in the past 12 months. Table 7 shows that although users had visited an average of over three times in the past 12 months, the highest proportion (31%) had visited the park only once, with 23% making three to five trips in the past year. On average, day users had visited significantly more times ($M = 4.25$) than overnight users ($M = 1.96$). For example, 76% of overnight users had visited two or fewer times in the past 12 months and less than 11% had visited six or more times, whereas 18% of day users had visited six or more times.

Table 7. Comparison of day and overnight user number of previous visits to the park in the last 12 months ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
0 Trips	10	15	12
1 Trip	26	37	31
2 Trips	20	24	22
3 to 5 Trips	26	19	23
6 to 12 Trips	12	4	8
13 to 24 Trips	4	0	2
More than 24 Trips	2	1	1
Mean / average trips ^c	4.25	1.96	3.21

^a $\chi^2 = 45.51, p < .001, V = .27$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c $t = 4.55, p < .001, r_{pb} = .22$.

Group Size. Respondents were asked to report how many people, including themselves, accompanied them at L. L. Stub Stewart State Park on their most recent trip. Table 8 shows that the average group size was just over four people, but this average was skewed by a few extremely large groups (e.g., weddings, reunions). Groups most commonly consisted of two

(32%) and three to four people (34%). Overnight users, on average, visited in larger groups ($M = 5.03$ people) than day users ($M = 3.35$), but these averages were again influenced by a few extremely large groups. The majority of day users visited in groups of two people (34%), whereas a majority of overnight users visited in groups of three to four people (34%). Day users were more likely to visit alone (21%) than overnight users (6%), and overnight users (8%) were more likely than day users (3%) to visit in large groups consisting of more than 10 people.

Table 8. Comparison of day and overnight user group size at the park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
1 Person (alone)	21	6	15
2 People	34	29	32
3 or 4 People	31	34	32
5 to 10 People	11	23	16
11 to 25 People	2	6	4
More than 25 People	1	2	1
Mean / average ^c	3.35	5.03	4.09

^a $\chi^2 = 73.69, p < .001, V = .27$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c $t = 5.11, p < .001, r_{pb} = .15$.

Bringing Dogs to the Park. The questionnaires asked day users and overnight users if they or anyone else in their group brought dog(s) with them to L. L. Stub Stewart State Park. Table 9 shows that 67% of park users did not bring dogs with them and 33% brought dogs. Overnight users (47%) were significantly more likely than day users (22%) to bring dogs.

Table 9. Comparison of day and overnight users bringing dogs with them to the park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
No, did not bring dog(s)	78	53	67
Yes, brought dog(s)	22	47	33

^a $\chi^2 = 64.68, p < .001, \phi = .25$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Transportation to the Park. Respondents were asked how they got to L. L. Stub Stewart State Park on their most recent trip. Table 10 shows that almost all users arrived at the park in their family’s personal vehicle (86%), 10% arrived in somebody else’s vehicle, and 4% arrived in another form of transportation. On average, there were 2.79 people in each personal family vehicle, 2.58 people in somebody else’s vehicle, and 4.16 people in other forms of

transportation. For all day-use vehicles, there was an average of 2.41 people in the vehicle. For all overnight vehicles, there was an average of 3.03 people in the vehicle. There was a significant, but relatively weak difference between day users and overnight users, with almost all overnight users arriving in their own vehicles (93%) compared to day users (79%). Day users (16%) were much more likely than overnight users (3%) to arrive in somebody else’s vehicle.

Table 10. Comparison of day and overnight user transportation to the park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
My family’s personal vehicle ^c	79	93	86
Somebody else’s personal vehicle ^d	16	3	10
Other ^e	5	4	4

^a $\chi^2 = 58.73, p < .001, V = .24.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c Number of people in vehicle: mean / average = 2.79 (1-2 people = 59%, 3-4 people = 32%), day user = 2.33, overnight = 2.96.

^d Number of people in vehicle: mean / average = 2.58 (1-4 people = 97%), day user = 2.55, overnight = 2.67.

^e Number of people in vehicle: mean / average = 4.16 (1-4 people = 83%), day user = 3.06, overnight = 4.95.

Reasons for Visiting. Visitors were asked if this park was the main reason for their trip. Table 11 shows that 85% of users considered this park their main destination with significantly more day users (90%) than overnight users (79%) considering it the main reason for their trip.

Table 11. Comparison of day and overnight users in whether the park was their main destination ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Primarily for recreation – this park was main destination	90	79	85
Primarily for recreation – main destination was not this park	6	15	10
Primarily for business, family, or other reasons – park was side trip	2	6	4
Some other reason	2	1	2

^a $\chi^2 = 31.57, p < .001, V = .17.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Alternatives to Visit. Respondents were then asked what things they would have considered doing if they were not able to go to L. L. Stub Stewart State Park for this visit. As shown in Table 12, most users responded that, if unable to go to the park for this visit, they would have either gone somewhere else for the same activity (69%) or stayed home (11%). Day users (73%) were more likely than overnight users (64%) to go somewhere else for the same activity. Furthermore, overnight users reported that they would travel farther for the same activity ($M =$

125.46) than day users ($M = 53.55$), and would also travel farther for a different activity ($M = 117.86$) than day users ($M = 28.42$).

Table 12. Comparison of day and overnight user alternatives to park visit ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Gone somewhere else for same activity ^c	73	64	69
Stayed home	12	11	11
Come back another time	6	12	9
Gone somewhere else for a different activity ^d	5	6	5
Something else (none of these)	4	6	5
Gone to work at my regular job	1	2	1

^a $\chi^2 = 14.60, p < .012, V = .12$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c If gone somewhere else for same activity, how far from home is the place you would have gone instead: mean / average = 84.83 miles, day user = 53.55, overnight = 125.46. ($t = 5.61, p < .001, r_{pb} = .23$).

^d If gone somewhere else for different activity, how far from home is the place you would have gone instead: mean / average = 87.78 miles, day user = 28.42, overnight = 117.86. ($t = 6.50, p < .001, r_{pb} = .47$).

Respondents were also asked to specify what other park they would consider going to if they had not been able to go to L. L. Stub Stewart State Park. Many day users indicated that they would visit Champoeg State Park, Dabney State Park, Forest Park, Gales Creek, Henry Hagg Lake Park, Hornings Hideout Private Park, Milo McIver State Park, Mt. Hood National Forest, Pier Municipal Park, Rooster Rock State Park, Sandy Ridge Trail System, and Silver Falls State Park. Many overnight users indicated that they would visit Cape Lookout State Park, Champoeg State Park, Fort Stevens State Park, Nehalem Bay State Park, Oxbow Regional Park, Silver Falls State Park, South Beach State Park, Detroit Lake State Park, Devil’s Lake State Park, private RV parks (i.e., KOA, RV), South Beach State Park, and other coastal State Parks.

Section Summary. Taken together, results in this section showed that:

- The most popular activities were hiking / walking (61%), picnicking or barbecuing (30%), bicycling on paved trails, disc golf, and sightseeing (all 27%); the least popular were horseback riding (6%), running or jogging (6%), ranger-led programs (7%), and exercise dog at off-leash area (9%). Overnight users were more likely to participate in most activities, which is not surprising given that they had more time at the park.

- The most common primary main activity groups were disc golf (18%), mountain biking (16%), hiking or walking (15%), and bicycling on paved trails (9%). The least common groups were ranger led programs, exercising dog at off-leash area, and bird or wildlife watching (all < 1%). Day users were more likely to consider disc golf, mountain biking, and hiking or walking as their primary activities, whereas overnight users were more likely to consider camping, horseback riding, and dog walking as their primary activity.
- Day users spent an average over three and a half hours in the park, with 89% of users spending up to five hours in the park. The majority of day users (83%), however, spent two to five hours. Overnight users spent an average of over two and a half nights at the park, although the largest proportions spent two (37%) or three (22%) nights at the park and an additional 19% spent one night at the park, 10% spent four nights, and another 13% spent five or more nights.
- Most visitors to the park were non-locals (60%), driving 31 miles or more to reach the park. Overnight users, on average, traveled farther ($M = 165.89$ miles) to visit the park than day visitors ($M = 59.77$ miles). Most overnight users (41%) traveled 31 to 60 miles to reach the park, whereas most day users (53%) traveled 30 miles or less, or 31 to 60 miles (40%) to reach the park.
- In total, 56% of respondents had visited this park before with no significant difference, however, between day users and overnight users with previous visitation. Although users had visited an average of over three times in the past 12 months, the highest proportion (31%) had visited the park only once, with 23% making three to five trips in the past year. On average, day users had visited significantly more times ($M = 4.25$) than overnight users ($M = 1.96$).
- Average group size was just over four people, but this average was skewed by a few extremely large groups (e.g., weddings, reunions). Groups most commonly consisted of two (32%) and three to four people (34%). Overnight users, on average, visited in larger groups ($M = 5.03$ people) than day users ($M = 3.35$), but these averages were again influenced by a few large groups. The majority of day users visited in groups of two people (34%), whereas a majority of overnight users visited in groups of three to four people (34%). Day users were more likely to visit alone (21%) than overnight users (6%), and overnight users (8%) were more likely than day users (3%) to visit in large groups consisting of more than 10 people.

- In total, 67% of park users did not bring dogs with them; 33% brought dogs. Overnight users (47%) were significantly more likely than day users (22%) to bring dogs.
- Almost all users arrived at the park in their family's personal vehicle (86%), 10% arrived in somebody else's vehicle, and 4% arrived in another form of transportation. On average, there were 2.79 people in each personal family vehicle, 2.58 people in somebody else's vehicle, and 4.16 people in other forms of transportation. For all day-use vehicles, there was an average of 2.41 people in the vehicle. For all overnight vehicles, there was an average of 3.03 people in the vehicle.
- Almost all (85%) users considered this park their main destination with more significantly more day users (90%) than overnight users (79%) considering it the main reason for their trip.
- If they had been unable to go to L. L. Stub Stewart State Park for this visit, most park visitors would have either gone somewhere else for the same activity (69%) or stayed home (11%).
- Day users (73%) were more likely than overnight users (64%) to go somewhere else for the same activity. Furthermore, overnight users reported that they would travel farther for the same activity ($M = 125.46$) than day users ($M = 53.55$), and would also travel farther for a different activity ($M = 117.86$) than day users ($M = 28.42$).
- If they had been unable to go to L. L. Stub Stewart State Park for this visit, many day users would have gone to Champoeg State Park, Dabney State Park, Forest Park, Gales Creek, Henry Hagg Lake Park, Hornings Hideout Private Park, Milo McIver State Park, Mt. Hood National Forest, Pier Municipal Park, Rooster Rock State Park, Sandy Ridge Trail System, and Silver Falls State Park; whereas overnight users would have gone to Cape Lookout State Park, Champoeg State Park, Fort Stevens State Park, Nehalem Bay State Park, Oxbow Regional Park, Silver Falls State Park, South Beach State Park, Detroit Lake State Park, Devil's Lake State Park, private RV parks (i.e., KOA, RV), South Beach State Park, and other coastal state parks.

Physical Activity and Other Health Benefits

Day and overnight visitors were asked their extent of participation in moderate physical activity (e.g., walking, bicycling, canoeing at a moderate pace), and vigorous physical activity (e.g., jogging, walking, or bicycling at a vigorous pace, breaking a sweat, heart beating rapidly) during their trip to L. L. Stub Stewart State Park (Table 13). A majority of all visitors indicated that they participated in moderate physical activity (84%), while 48% indicated participating in vigorous physical activity. A similar amount of day users participated in moderate physical activity (86%) as overnight users (83%), however, overnight users spent more minutes ($M = 184$) than day users ($M = 126$) participating in moderate physical activity. Day users (58%) were significantly more likely to participate in vigorous physical activity than overnight users (35%), however, overnight users ($M = 125$) spent significantly more minutes participating in vigorous physical activity than day users ($M = 105$) during their visit.

Table 13. Comparison of day and overnight user participation in moderate and vigorous physical activity during visit

	User Group ^a			χ^2 or t value	p value	Effect size ϕ or r_{pb}
	Day Users	Overnight Users	Total ^b			
Moderate Physical Activity				1.47	.225	.04
No	14	17	16			
Yes	86	83	84			
Avg (min)	125.95	183.51	149.77	7.07	< .001	.24
Vigorous Physical Activity				47.20	< .001	.22
No	42	65	52			
Yes	58	35	48			
Avg (min)	105.44	124.62	111.14	2.04	.042	.11

^a Cell entries are percentages (%) of users who reported participating in physical activity unless otherwise specified as average minutes participating in moderate or vigorous physical activity.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Furthermore, 49% of all visitors indicated that their level of physical activity during their visit to L. L. Stub Stewart State Park was more than their daily life, whereas 38% indicated it was about the same, and 12% indicated it was less (Table 14). More day users (54%) than overnight users (43%) indicated that their level of physical activity while at the park was more than their daily life.

Table 14. Comparison of day and overnight user level of physical activity at L. L. Stub Stewart to daily life ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Physical activity MORE than daily life	54	43	49
Physical activity LESS than daily life	9	17	12
Physical activity ABOUT THE SAME as daily life	37	40	38

^a $\chi^2 = 16.68, p < .001, V = .13.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Park visitors were asked to rate the degree that their visit to L. L. Stub Stewart State Park had improved their mental and physical health. Table 15 shows that, overall, park visitors reported their visit helped to reduce stress (83%), improve mental health (82%), reduce anxiety (73%), and improve physical health (63%) and physical fitness (60%). Day users reported significantly more physical and mental benefits from their visit than overnight users, whereas overnight users were least likely to report health benefits related to improving their level of physical fitness (45%) and physical health (42%).

Table 15. Comparison of day and overnight user health benefits related to park visitation

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Reducing stress	86	78	83	11.06	.001	.11
Improving mental health	86	76	82	15.70	< .001	.13
Reducing anxiety	78	67	73	13.58	< .001	.12
Improving physical health	78	45	63	103.74	< .001	.33
Improving level of physical fitness	74	42	60	98.34	< .001	.32

^a Cell entries are percentages (%) of users who reported benefiting “much” or “a great deal” from visit to park.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Section Summary. Taken together, results in this section showed that:

- A majority of all visitors indicated that they participated in moderate physical activity (84%), while 48% indicated participating in vigorous physical activity. A similar amount of day users participated in moderate physical activity (86%) as overnight users (83%), however, overnight users spent more minutes ($M = 184$) than day users ($M = 126$) participating in moderate physical activity. Day users (58%) were significantly more likely to participate in vigorous physical activity than overnight users (35%), however, overnight users ($M = 125$) spent significantly more minutes participating in vigorous physical activity than day users ($M = 105$) during their visit.

- About half (49%) of all visitors indicated that their level of physical activity during their visit to L. L. Stub Stewart State Park was more than their daily life, whereas 38% indicated it was about the same, and 12% indicated it was less. More day users (54%) than overnight users (43%) indicated that their level of physical activity while at the park was more than their daily life.
- Park visitors reported their visit helped to reduce stress (83%), improve mental health (82%), reduce anxiety (73%), and improve physical health (63%) and physical fitness (60%). Day users reported significantly more physical and mental benefits from their visit than overnight users, whereas overnight users were least likely to report health benefits related to improving their level of physical fitness (45%) and physical health (42%).

Visitor Spending

Park visitors were asked to estimate how much they and the other members of their party spent on their trip within 30 miles of Silver Falls State Park on eight spending categories. The information included in this section of the report summarizes basic visitor spending results from the survey. A more extensive visitor spending analysis will be conducted by Oregon State University and available in a separate report.

For this analysis, “local” visitors are defined as those visitors reporting traveling 30 miles or less from home to get to the park. “Non-local” visitors are those respondents living 31 or more miles from the park. All foreign visitors were classified as “non-local” visitors. Visitor responses were excluded under the following conditions:

- The number of nights spent away from home in the local area was greater than 30,
- The reported size of the group was greater than 10 individuals,
- Spending per day/night was greater or equal to \$500 or spending on recreation and equipment rental was greater or equal to \$500 in total.

Table 16 includes the percentages of all park day users and overnight users that are local and non-local visitors. Most visitors to the park are non-local (living 31 or more miles from the park) visitors (60%). More overnight users (76%) are non-local than day users (47%). Based on previous year visitation estimates, approximately 55% of all users at L. L. Stub Stewart State Park are day users and 45% are overnight users.

Table 16. Comparison of day and overnight users, local / non-local ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Local	53	24	40
Non-Local	47	76	60

^a $\chi^2 = 93.20, p < .001, \phi = .30.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Table 17 shows the proportion of total spending for each visitor profile type and reported on a party trip basis. The majority of local day users reported spending \$1-\$25 (48%) and \$51-\$150 (23%), while the majority of local overnight users reported spending \$151-\$350 (47%). The majority of non-local day users reported spending \$1-\$25 (31%) and \$26-\$50 (29%), while the majority of non-local overnight users reported spending \$151-\$350 (41%) and \$51-\$150 (32%).

Table 17. Comparison of day and overnight total local spending, dollars per party per trip ^a

	<u>Local</u>		<u>Non-Local</u>		All ^b (%)
	Day (%)	Overnight (%)	Day (%)	Overnight (%)	
Spent no money	5	0	6	1	3
\$1 - \$25	48	1	31	2	22
\$26 - \$50	22	5	29	5	15
\$51 - \$150	23	34	24	32	28
\$151 - \$350	1	47	9	41	23
\$351 - \$550	1	11	2	13	7
\$551 - \$1,000	0	2	0	7	3

^a $\chi^2 = 439.45, p < .001, V = .72$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Table 18 includes the proportion of visitor parties that reported spending any dollars on the eight spending categories (e.g., motel, camping, restaurants and bars, groceries, etc.). For local day use visitors, most reported spending some money on park entry fees (70%), gasoline and oil (61%), and restaurants and bars (35%). Most local overnight visitors reported spending money on gasoline and oil (87%), groceries (87%), and camping fees (75%). The “All” spending average is estimated as a weighted average for spending by day-user and overnight visitors. Most visitors to L. L. Stub Stewart State Park reported spending some money on gasoline and oil (69%), park entry, parking, or recreation use fees (65%), groceries (56%), and camping fees (43%).

Table 18. Comparison of percent of day and overnight party spending of any dollars in eight spending categories

Spending Categories	<u>Local</u>		<u>Non-Local</u>		All ^a (%)
	Day (%)	Overnight (%)	Day (%)	Overnight (%)	
Gasoline and oil	61	87	60	79	69
Park entry, parking, or recreation use fees	70	54	67	57	65
Groceries	28	87	40	77	56
Camping	8	75	15	74	43
Restaurants and bars	35	26	38	40	17
Souvenirs, clothing, and other miscellaneous	6	26	5	38	14
Motel, lodge, cabin, B&B, other lodging	0	14	8	14	10
Recreation and equipment (guide fees, equipment rental)	6	14	8	12	8

^a Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Visitors indicated that they would spend no more than an average of \$79 than they already spent at L. L. Stub Stewart State Park before they would consider not taking the trip (Table 19). Overnight users were willing to additionally spend more (\$116) than day users (\$36) before they would consider not taking the trip. The highest percentage of day users (64%) would be willing to spend an additional \$1-\$25, whereas the highest percentage of overnight users (28%) would be willing to spend an additional \$51-\$150 before deciding not to visit.

Table 19. Comparison of day and overnight additional spending before deciding not to visit ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
No more than already spent	2	19	11
\$1 - \$25	64	11	35
\$26 - \$50	19	18	18
\$51 - \$150	14	28	21
\$151 - \$350	2	19	11
\$351 - \$550	0	5	3
\$551 – and up	0	1	1
Avg (\$) ^c	36.15	115.89	79.26

^a $\chi^2 = 200.65, p < .001, V = .59$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c $t = 9.38, p < .001, r_{pb} = .29$.

Respondents were asked to indicate if they were staying away from home within 30 miles of L. L. Stub Stewart State Park, and the number of nights they were staying if they were. Table 20

shows that over a third (36%) of all visitors were staying away from home within 30 miles of the park with significantly more overnight users (70%) than day users (11%) staying away from home. Of those users staying away from home within 30 miles of the park, respondents indicated staying an average of almost three nights (2.78), with overnight users (2.82) staying more nights on average than overnight users (2.59).

Table 20. Comparison of day and overnight user nights staying away from home within 30 miles of park

	Day Users	Overnight Users	Total (%) ^a
Staying away from home ^b	11	70	36
Mean number of nights ^c	2.59	2.82	2.78

^a Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^b Cell entries in this row are percentages (%) of visitors staying away from home within 30 miles. $\chi^2 = 335.26, p < .001, \phi = .58$.

^c Cell entries in this row are mean (avg) nights. $t = 0.51, p = .616, r_{pb} = .04$.

Section Summary. Taken together, results in this section showed that:

- The majority of local day users reported spending \$1-\$25 (48%) and \$51-\$150 (23%), while the majority of local overnight users reported spending \$151-\$350 (47%).
- The majority of non-local day users reported spending \$1-\$25 (31%) and \$26-\$50 (29%), while the majority of non-local overnight users reported spending \$151-\$350 (41%) and \$51-\$150 (32%).
- Most local day-use visitor parties reported spending on park entry fees (70%), gasoline and oil (61%), and restaurants and bars (35%). Most local overnight visitors reported spending money on gasoline and oil (87%), groceries (87%), and camping fees (75%).
- The majority of non-local day users reported spending money on park entry fees (67%), and gasoline and oil (60%), while non-local overnight users reported spending money on gasoline and oil (79%), groceries (77%), and camping fees (74%).
- Most visitors reported spending some money on gasoline and oil (69%), park entry, parking, or recreation use fees (65%), groceries (56%), and camping fees (43%).
- Day users reported that they would spend no more than an average of \$79 than they already spent before deciding not to visit the park, whereas overnight users reported that they would spend an average of no more than \$116 than they already spent before deciding not to visit the park. The largest percentage of day users (64%) reported they

would spend no more than \$1 to \$25 before deciding not to visit. The largest percentage of overnight users (28%) reported they would spend no more than \$51 to \$150 before deciding not to visit the park.

- Over a third (36%) of all visitors were staying away from home within 30 miles of the park with significantly more overnight users (70%) than day users (11%) staying away from home. Of those users staying away from home within 30 miles of the park, respondents indicated staying an average of almost three nights (2.78), with overnight users (2.82) staying more nights on average than overnight users (2.59).

Obtaining Information About the Park

The questionnaires contained several questions examining how users obtained information about state parks such as L. L. Stub Stewart State Park and whether they were able to obtain the information they needed. Table 21 shows that almost all users (95%) were able to find the information they needed when planning their visit to this state park, and the few (5%) who did not find the information they needed would like: more detailed mountain bike trail maps (also difficult to find on website), conditions of mountain bike trails, distance to hike-in campsites, more congruence between website and call center regarding campsite availability, disc golf course qualities, campsite and cabin qualities (shade, privacy), directions for how to navigate OPRD and Reserve America websites, and more information about the park in general. There were no significant differences between day and overnight users in their responses to these questions.

Table 21. Comparison of day and overnight users in whether they found the information needed ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Yes, found the information needed	94	96	95
No, did not find the information needed ^c	6	5	5

^a $\chi^2 = 1.07, p = .301, \phi = .03$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c The most popular information needed was: more detailed mountain bike trail maps (also difficult to find on website), conditions of mountain bike trails, distance to hike-in campsites, more congruence between website and call center regarding campsite availability, disc golf course qualities, campsite and cabin qualities (shade, privacy), directions for how to navigate OPRD and Reserve America websites, and more information about the park in general.

Respondents were also presented with a list of 16 possible sources for finding information and asked how often they obtained information from these sources when thinking about visiting an Oregon State Park such as L. L. Stub Stewart State Park. Table 22 shows that the most heavily

used sources of information were official internet websites (e.g., Oregon State Parks, Travel Oregon; 87% used sometimes or often), friends or family members (68%), previous visits (67%), brochures (50%), and highway signs (48%). The least used sources were health care providers (6%), videos or DVDs (8%), community organizations or church (13%), radio (13%), and work (16%). Day users and overnight users differed significantly on all but four information sources, with day users utilizing most of these sources much more often. Overnight users (96%), however, were more likely than day users (80%) to obtain information from official internet websites.

Table 22. Comparison of day and overnight user use of information sources

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Official internet websites (OPRD)	80	96	87	57.20	< .001	.25
Friends or family members	68	67	68	0.01	.948	.00
Previous visits	67	68	67	0.11	.746	.01
Brochures	47	54	50	5.26	.022	.08
Highway signs	56	38	48	27.07	< .001	.17
Other ^c	36	20	29	9.89	.002	.19
Social media websites	31	24	28	6.43	.011	.08
Books	25	24	24	0.22	.637	.02
Magazines	25	20	23	2.84	.092	.06
Newspapers	22	14	18	9.70	.002	.10
Television	19	13	17	5.59	.018	.08
Work	19	12	16	7.70	.006	.09
Radio	17	8	13	17.13	< .001	.14
Community organizations or church	15	10	13	5.55	.018	.08
Videos / DVDs	11	5	8	13.57	< .001	.12
Health care providers	8	3	6	8.61	.003	.10

^a Cell entries are percentages (%) of users who used the information source “sometimes” to “often.”

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c The most popular “other” ways were: directories and websites such as AAA, Tripadvisor, Yelp, Google, etc.; mountain bike websites such as mtbproject.com and NWTAs website; mountain bike shops; disc golf websites and reviews; REI; and word of mouth.

Respondents were then asked to specify from this list of information sources what one source they would first use when obtaining information about an Oregon State Park such as L. L. Stub Stewart State Park. Table 23 shows that official internet websites (e.g., Oregon State Parks, Travel Oregon, mountain bike websites; 81%) was overwhelmingly the first primary source used by most respondents, followed by friends or family members (10%). Few people used other sources when obtaining information. There was a significant difference between day and overnight users, with overnight users almost entirely dependent on official internet websites as

their primary source (91%). Day users were also heavily dependent on these websites (74%), but also used other sources such as friends and family (12%) and social media websites (3%).

Table 23. Comparison of day and overnight users for primary information source ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Official internet websites (OPRD)	74	91	81
Friends or family members	12	6	10
Social media websites	3	< 1	2
Brochures	2	1	2
Previous visit	2	1	2
Other	3	0	2
Books	1	1	1
Highway signs	1	< 1	1
Newspapers	1	0	< 1
Magazines	1	< 1	< 1
Television	1	< 1	< 1
Work	< 1	0	< 1
Community organizations or church	< 1	< 1	< 1
Radio	0	< 1	< 1

^a $\chi^2 = 69.30, p < .001, V = .26.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Section Summary. Taken together, results in this section showed that:

- Almost all users (95%) were able to find the information they needed when planning their visit to this state park, and the few (5%) who did not find the information they needed would like: more detailed mountain bike trail maps (also difficult to find on website), conditions of mountain bike trails, distance to hike-in campsites, more congruence between website and call center regarding campsite availability, disc golf course qualities, campsite and cabin qualities (shade, privacy), directions for how to navigate OPRD and Reserve America websites, and more information about the park in general.
- The most heavily used sources of information were official internet websites (e.g., Oregon State Parks, Travel Oregon; 87% used sometimes or often), friends or family members (68%), previous visits (67%), brochures (50%), and highway signs (48%). The least used sources were health care providers (6%), videos or DVDs (8%), community organizations or church (13%), radio (13%), and work (16%). Day users utilized most sources much more often, but overnight users (96%) were more likely than day users (80%) to obtain information from official internet websites.

- Official internet websites were used by most respondents (81%) as their first primary information source, followed by friends or family members (10%). Overnight users were almost entirely dependent on official websites as their primary source (91%). Day users were also heavily dependent on these websites (74%), but also used other sources such as friends and family (12%) and social media websites (3%).

Satisfaction with Experiences and Conditions

Overall Satisfaction. Respondents were asked “overall, how dissatisfied or satisfied were you with your *overall experience* at L. L. Stub Stewart State Park?” Table 24 shows that overall satisfaction was extremely high, as 95% were satisfied and almost no respondents (5%) were dissatisfied. In addition, the highest proportion of users was “very satisfied” (62%).

Table 24. Comparison of day and overnight user overall satisfaction ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Very Satisfied	67	56	62
Satisfied	29	38	33
Dissatisfied or Neutral	4	7	5

^a $\chi^2 = 14.32, p = .001, V = .12.$

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Satisfaction and Expectations with Specific Characteristics. Although almost all users were satisfied with their overall visit at L. L. Stub Stewart State Park, this does not indicate that they were satisfied with every aspect of this park. This project, therefore, first measured respondent *expectations* by asking them the extent they believed that several attributes of L. L. Stub Stewart State Park were *important* to their visit (e.g., absence of litter, personal safety, signs, parking). Then, respondents reported their *satisfaction* of these same attributes at this park to measure *performance* of these attributes.

Table 25 shows that the most important characteristics were the park’s absence of litter (96%), cleanliness (e.g., lawn care, lack of graffiti; 95%), cleanliness of toilets / bathrooms (90%), condition / maintenance of trails (90%), and the good value for fee paid at the park (90%). The least important attributes were the ease of movement / access (wheelchair, elderly, stroller; 34%), facilities for groups to gather (37%), number and quality of information / education programs or materials (46% to 55%), and presence of park rangers / personnel (66%). There were differences among day users and overnight users for 11 of the 20 possible comparisons. Having facilities for

groups to gather were considered to be more important to day users than overnight users. Overnight users felt that absence of litter, cleanliness of park and toilets / bathrooms, good value for fee paid, presence and courteousness of rangers / personnel, personal safety, information about conditions / hazards, having a variety of things to do, and number of educational information were more important at this state park. Responses for two additional items that were asked in the questionnaires administered only to overnight users showed that 96% of overnight users considered the comfort of campsites to be important and 93% believed that shading provided by trees and other structures was important.

Table 25. Comparison of day and overnight user specific *expectations* at the park

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Absence of litter	94	97	96	6.10	.014	.08
Cleanliness of park (graffiti, lawns)	93	98	95	16.46	< .001	.13
Cleanliness of toilets / bathrooms	88	92	90	4.56	.033	.07
Condition / maintenance of park trails	91	88	90	1.21	.274	.03
Good value for fee paid at the park	86	95	90	27.65	< .001	.17
Courteousness of rangers / personnel	86	93	89	12.17	< .001	.11
Opportunities to escape crowds	90	88	89	1.62	.203	.04
Signs about directions within park	87	88	87	0.16	.692	.01
Personal safety	80	92	85	35.37	< .001	.19
Number of park trails	84	82	83	0.67	.413	.03
Parking for vehicles	83	80	81	1.27	.260	.04
Number of toilets / bathrooms	77	80	78	1.21	.272	.03
Information about conditions / hazards	70	76	73	4.44	.035	.07
Signs about directions to the park	72	72	72	0.01	.910	.00
Variety of things to do	68	74	71	4.17	.041	.06
Presence of park rangers / personnel	57	77	66	47.13	< .001	.21
Quality of educational information	54	57	55	0.99	.320	.03
Number of educational information	42	50	46	5.93	.015	.08
Facilities for groups to gather	41	32	37	9.90	.002	.10
Ease of movement / access (wheelchair, elderly, stroller)	33	35	34	0.16	.687	.01
Comfort of campsites ^c	--	96	--	--	--	--
Shading provided by trees / structures ^c	--	93	--	--	--	--

^a Cell entries are percentages (%) of users who rated the characteristic as “somewhat” or “extremely important.”

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c Only asked in questionnaires of overnight users, not day users.

Table 26 shows that the majority of users were satisfied with most of these characteristics at L. L. Stub Stewart State Park. Users were most satisfied with park cleanliness (97%), absence of litter (97%), personal safety (93%), number and condition of park trails (91% to 90%), good

value for fee paid at park (91%), cleanliness of toilets (90%), and courteousness of rangers / personnel (90%). Users were least satisfied with the facilities for groups to gather (61%), ease of movement / access (e.g., wheelchair, elderly, stroller; 61%), amount and quality of educational information provided (69% to 70%), and information about conditions / hazards (76%). Day users were significantly more satisfied with the good value for the fee paid at the park, cleanliness and amount of toilets / bathrooms, opportunities to escape crowds, parking for vehicles, having variety of things to do, and the group facilities. Overnight users were more satisfied with the lack of litter. Overnight users were also satisfied with the comfort of campsites (88%), but less so with the shading provided by trees (66%).

Table 26. Comparison of day and overnight user specific *satisfactions* at the park

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Cleanliness of park (graffiti, lawns)	97	98	97	1.04	.308	.03
Absence of litter	96	99	97	10.48	.001	.10
Personal safety	91	94	93	2.63	.105	.05
Number of park trails	91	91	91	0.07	.799	.01
Good value for fee paid at the park	93	89	91	4.95	.026	.07
Cleanliness of toilets / bathrooms	92	87	90	6.70	.010	.08
Courteousness of rangers / personnel	91	88	90	2.98	.085	.06
Condition / maintenance of park trails	92	89	90	2.16	.142	.05
Number of toilets / bathrooms	92	85	89	10.41	.001	.10
Opportunities to escape crowds	91	85	88	10.11	.001	.10
Parking for vehicles	92	83	88	17.82	< .001	.13
Presence of park rangers / personnel	85	89	87	3.56	.059	.06
Variety of things to do	86	79	83	8.53	.003	.09
Signs about directions within park	83	84	83	0.17	.677	.01
Signs about directions to the park	82	84	83	0.42	.518	.02
Information about conditions / hazards	76	74	76	0.63	.429	.03
Quality of educational information	70	70	70	0.05	.819	.01
Number of educational information	68	70	69	0.27	.603	.02
Ease of movement / access (wheelchair, elderly, stroller)	64	58	61	3.50	.061	.06
Facilities for groups to gather	68	52	61	26.55	< .001	.17
Comfort of campsites ^c	--	88	--	--	--	--
Shading provided by trees / structures ^c	--	66	--	--	--	--

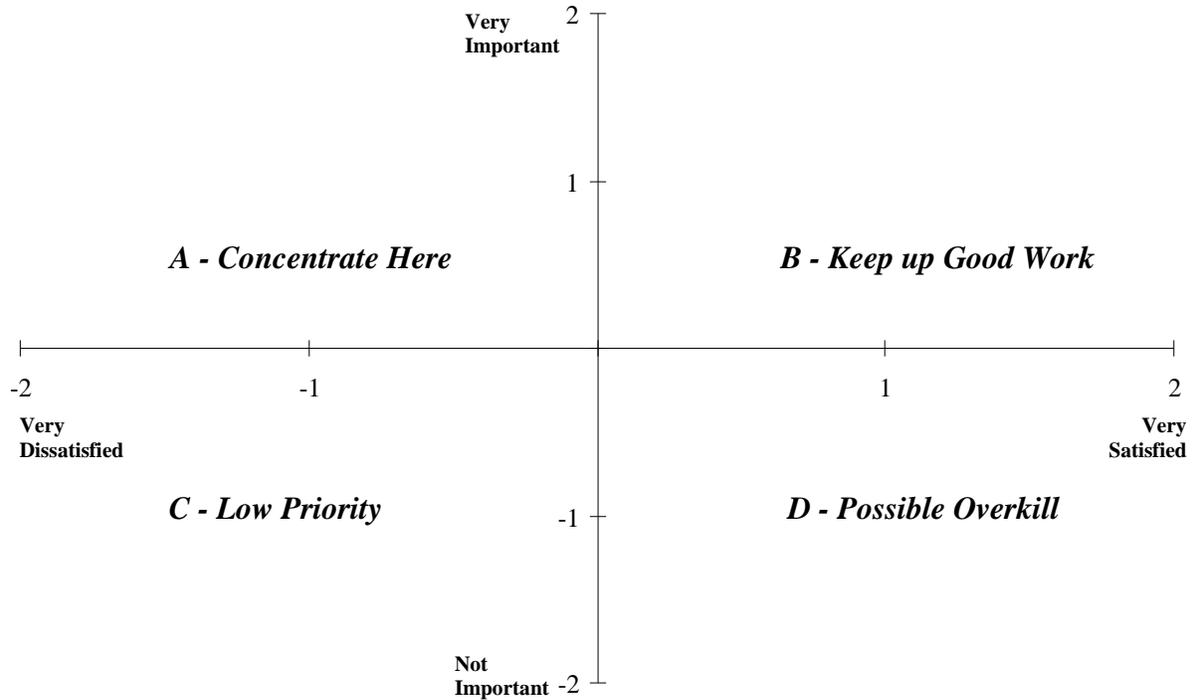
^a Cell entries are percentages (%) of users who rated the characteristic as “satisfied” or “very satisfied.”

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c Only asked in questionnaires of overnight users, not day users.

Importance – Performance Analysis.

Figure 1. Importance-performance (I-P) analysis matrix



One approach for visualizing relationships between expectations (i.e., importance of attributes) and satisfaction (i.e., performance of these attributes) is Importance – Performance (I-P) analysis (Figure 1). Importance or expectations are represented as averages (i.e., means) on the vertical axis (i.e., y-axis) and average performance or experiences (i.e., satisfaction) are measured on the horizontal axis (i.e., x-axis). When combined, these axes intersect and produce a matrix of four quadrants that can be interpreted as “concentrate here” (high importance or expectation, low satisfaction or poor experiences; Quadrant A), “keep up the good work” (high importance or expectation and high satisfaction or good experiences; Quadrant B), “low priority” (low importance or expectation and low satisfaction or poor experiences; Quadrant C), and “possible overkill” (low importance or expectation, high satisfaction or good experiences; Quadrant D). This matrix provides managers with an easily understandable picture of the status of services, facilities, and conditions as perceived by users, and reveals conditions that may or may not need attention (Bruyere, Rodriguez, & Vaske, 2002; Vaske, Beaman, Stanley, & Grenier, 1996).

Figure 2. Importance-performance (I-P) analysis matrix for *day users*

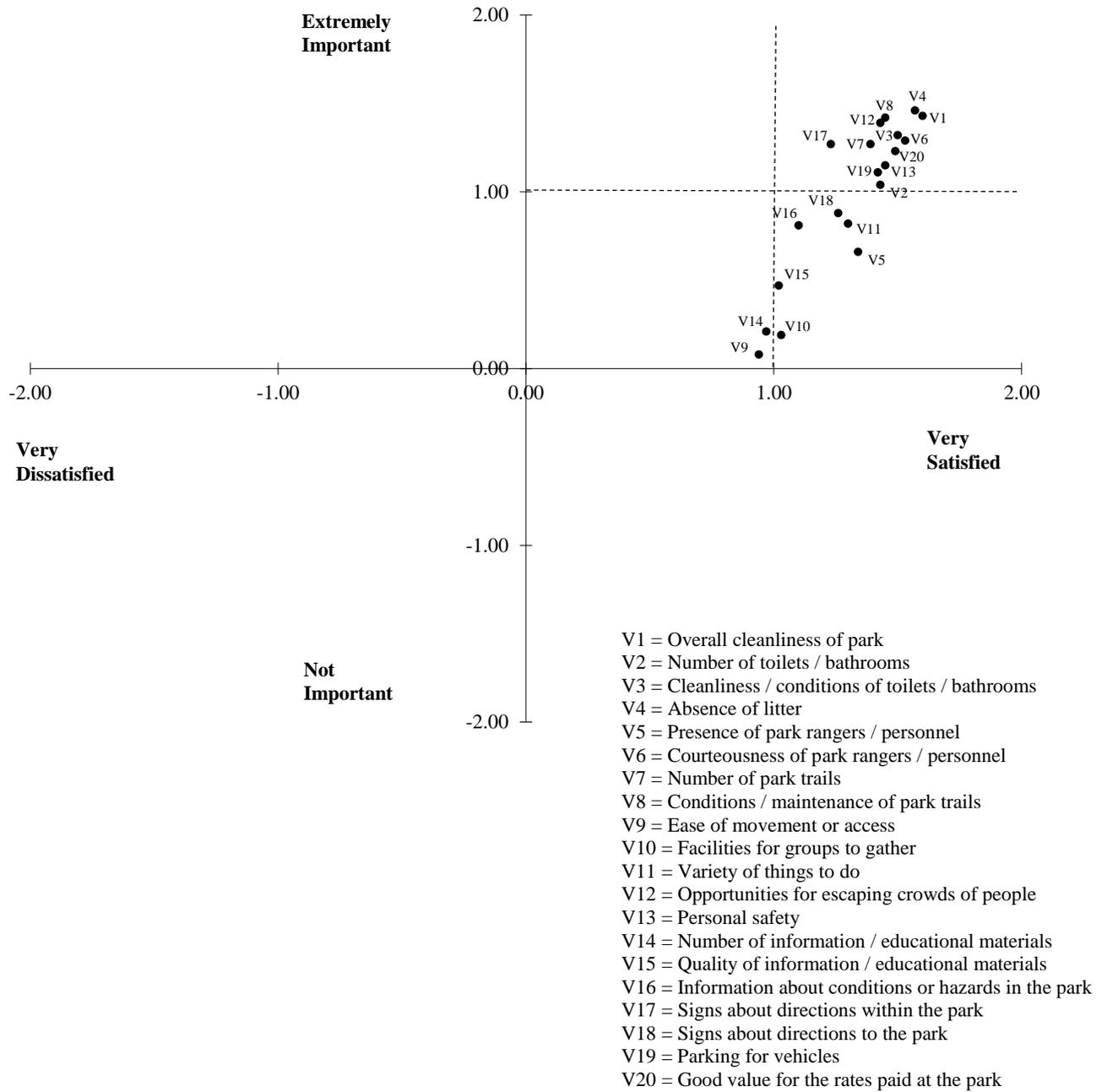


Figure 3. Importance-performance (I-P) analysis matrix for *overnight users*

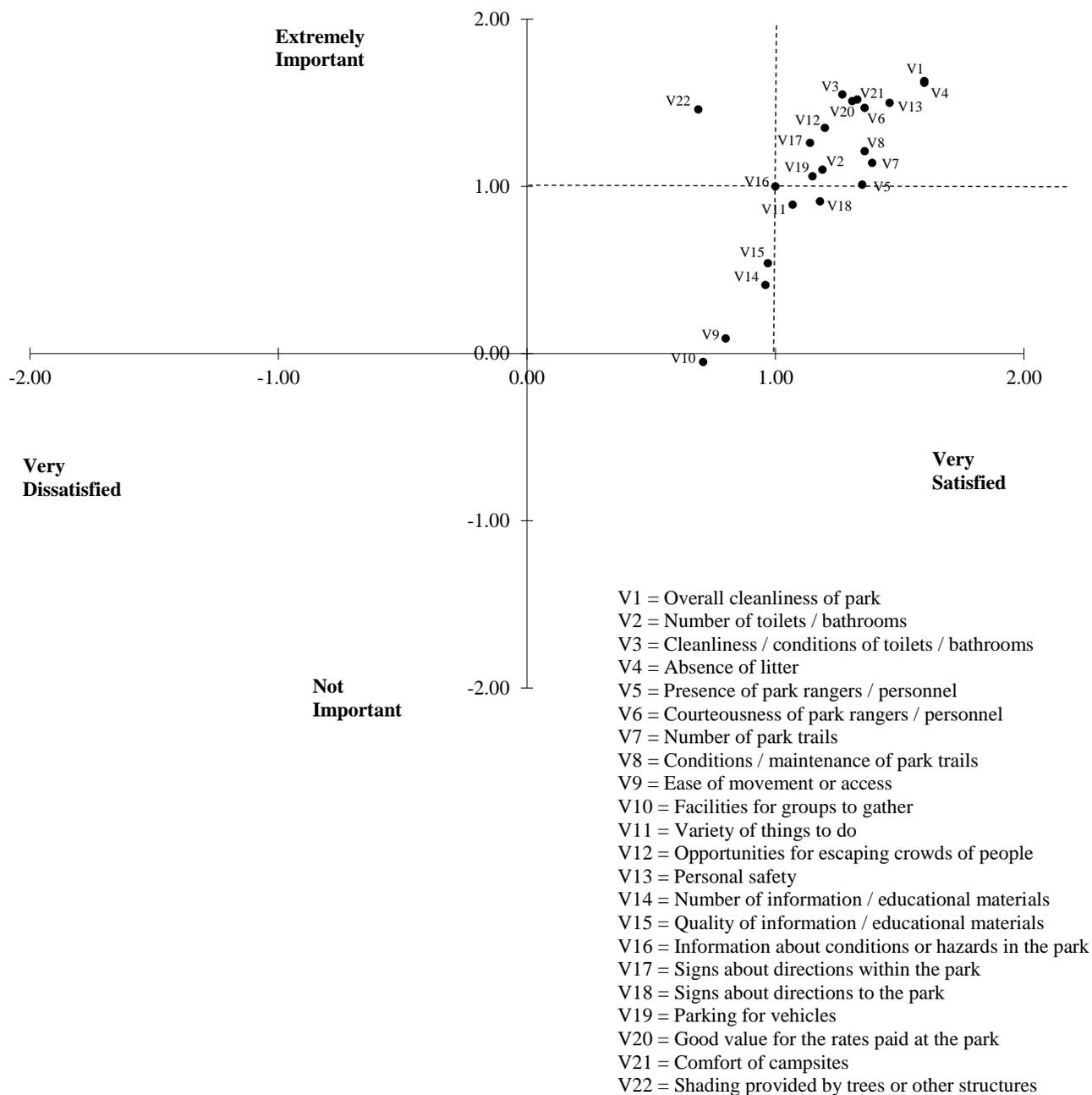


Figure 2 is the I-P matrix for day users and Figure 3 is the matrix for overnight users. Both matrices show that almost all attributes were in the “keep up the good work” quadrant, indicating that users thought that park staff were doing a good job managing conditions and experiences at L. L. Stub Stewart State Park. For this state park visitor survey project, we are also taking a closer examination of I-P scores in the “keep up the good work” quadrant within the dashed lines

included in Figures 2 and 3. These results reveal that managers should consider monitoring shading provided by trees or other structures in the overnight use areas of the park.

Respondents were asked several additional questions about their satisfaction with L. L. Stub Stewart State Park, including this park’s natural environment, facilities and services, and fees. Users were also asked how likely they would be to return to this state park. Table 27 shows high user satisfaction with the natural environment (96%), facilities and services (95%), and fees at this park (86%). Day and overnight users were similar in their satisfaction with the park’s facilities and services, and with the fee paid. Day users (97%) were significantly more satisfied with the natural environment than overnight users (94%). In total, 93% of respondents said they were likely to return to this park in the future.

Table 27. Comparison of day and overnight user likelihood of returning and satisfaction with the park fees, facilities, and environment

	User Group			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^a			
Satisfaction with natural environment ^b	97	94	96	5.95	.015	.07
Satisfaction with facilities and services ^b	96	94	95	2.17	.141	.04
Satisfaction with fee paid ^b	85	88	86	2.66	.103	.05
Likelihood of returning ^c	96	88	93	24.70	< .001	.15

^a Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^b Cell entries are percentages (%) of users who rated the characteristic as “satisfied” or “very satisfied.”

^c Cell entries are percentages (%) of users who said they were “likely” or “very likely” to return to the park in the future.

Table 28 shows that almost all visitors (97%) to L. L. Stub Stewart State Park would recommend the park to their friends or family, with more day users (99%) willing to recommend the park than overnight users (95%). Reasons respondents indicated they would not recommend the park were because there is not enough to do (especially for kids), too crowded in the campsites, lack of border vegetation and shade throughout park, horse riding on trails with bikes may be unsafe, lack of privacy, and distance to the walk-in campsites.

Table 28. Comparison of day and overnight user recommendation of park to friends and family ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Yes, recommend park	99	95	97
No, would not recommend park	1	5	3

^a $\chi^2 = 11.65, p = .001, \phi = .10$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Outstanding Features. Users also provided 836 verbatim open ended comments on what they found to be the most outstanding features or things to do at L. L. Stub Stewart State Park. The most common outstanding features and things to do involved: (a) access to the Banks – Vernonia bike trail; (b) the number of hiking, mountain bike, and horse riding trails; (c) beautiful scenery and views; (d) disc golf course; (e) camping and cabin facilities; (f) cleanliness of park; (g) close proximity to Portland; (h) quiet with not too many people; (i) full campsite hookups; (j) facilities for camping with horses; and (k) the hot showers.

Perceived Crowding. *Perceived crowding* is a subjective and negative evaluation that this reported number of encounters or people observed in an area is too many. Research suggests that when users perceived an area to be crowded, they likely encountered more than their maximum acceptance (i.e., their norm) of impacts (e.g., use levels) for the particular setting (Manning, 2010; Needham & Rollins, 2009).

Table 29 shows that, on average, both day users and overnight users felt slightly crowded. More specifically, 34% of all park users felt some degree of crowding on their visit, with 25% of day users feeling crowded and 46% of overnight users feeling crowded. According to Shelby, Vaske, and Heberlein (1989) and Vaske and Shelby (2008), these results suggest that crowding in the overnight use areas are in the “low normal” range, and are in the “suppressed crowding” range in the day use areas, suggesting that access, displacement, or crowding problems are not likely to exist at this time in these areas and may offer unique lower density experiences.

Table 29. Comparison of day and overnight crowding evaluations

	User Group			<i>t</i> value	<i>p</i> value	Effect size <i>r</i> _{pb}
	Day Users	Overnight Users	Total ^a			
Perception of crowding ^b	2.10	2.97	2.49	7.62	< .001	.22

^a Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^b Cell entries are means on 9 point crowding scale of 1-2 “not at all crowded” to 3-4 “slightly crowded” to 5-7 “moderately crowded” to 8-9 “extremely crowded.” Median = 2, Mode = 1, Percent crowded =34% (25% Day Users, 46% Overnight).

Section Summary. Taken together, results in this section showed that:

- Users considered the most important characteristics at this park were its absence of litter (96%), cleanliness (e.g., lawn care, lack of graffiti; 95%), cleanliness of toilets / bathrooms (90%), condition / maintenance of trails (90%), and the good value for fee paid at the park (90%). The least important attributes were the ease of movement / access

(wheelchair, elderly, stroller; 34%), facilities for groups to gather (37%), number and quality of information / education programs or materials (46% to 55%), and presence of park rangers / personnel (66%). Having facilities for groups to gather were considered to be more important to day users than overnight users. Overnight users considered the absence of litter, cleanliness of park and toilets / bathrooms, good value for fee paid, presence and courteousness of rangers / personnel, personal safety, information about conditions / hazards, having a variety of things to do, and number of educational information to be more important. Almost all (96%) overnight users considered comfort of campsites to be important and 93% believed that shading provided by trees and other structures was important.

- Overall satisfaction among users was extremely high, as 95% were satisfied with the highest proportion of users being “very satisfied” (62%). Users were most satisfied with the park cleanliness (97%), absence of litter (97%), personal safety (93%), number and condition of park trails (91% to 90%), good value for fee paid at park (91%), cleanliness of toilets (90%), and courteousness of rangers / personnel (90%). Users were least satisfied with the facilities for groups to gather (61%), ease of movement / access (e.g., wheelchair, elderly, stroller; 61%), amount and quality of educational information provided (69% to 70%), and information about conditions / hazards (76%). Day users were more satisfied with the good value for the fee paid at the park, cleanliness and amount of toilets / bathrooms, opportunities to escape crowds, parking for vehicles, having variety of things to do, and the group facilities, whereas overnight users were more satisfied with the lack of litter. Overnight users were also satisfied with the comfort of campsites (88%) and the shading provided by trees (66%).
- Most respondents were also satisfied with the natural environment (96%), facilities and services (95%), and with the fee(s) paid (86%).
- Most respondents (93%) said they were likely to return to this park in the future.
- An Importance – Performance analysis showed that all park attributes were in the “keep up the good work” category, indicating that users thought that staff were doing a good job managing conditions and experiences. There was, however, one attribute that was important to overnight users, but these users were only slightly satisfied with these attributes. This attribute fell into the “concentrate here” category and included shading provided by trees or other structures within the overnight use areas of the park.

- Almost all visitors (97%) to L. L. Stub Stewart State Park would recommend the park to their friends or family, with more day users (99%) willing to recommend the park than overnight users (95%). Reasons respondents indicated they would not recommend the park were because there is not enough to do (especially for kids), too crowded in the campsites, lack of border vegetation and shade throughout park, horse riding on trails with bikes may be unsafe, lack of privacy, and distance to the walk-in campsites.
- The most commonly reported outstanding features and things to do at L. L. Stub Stewart State Park involved: (a) access to the Banks – Vernonia bike trail; (b) the number of hiking, mountain bike, and horse riding trails; (c) beautiful scenery and views; (d) disc golf course; (e) camping and cabin facilities; (f) cleanliness of park; (g) close proximity to Portland; (h) quiet with not too many people; (i) full campsite hookups; (j) facilities for camping with horses; and (k) the hot showers.
- Both day users (25%) and overnight users (46%) felt slightly crowded with 34% of all park users feeling some degree of crowding on their visit. These results suggest that crowding in the overnight use areas are in the “low normal” range, and are in the “suppressed crowding” range in the day use areas, suggesting that access, displacement, or crowding problems are not likely to exist at this time in these areas and may offer unique lower density experiences.

Attitudes About Programs and Management Strategies

Let's Go Program Interest. The questionnaires asked respondents to indicate if they, or their family members, would consider participating in a weekend program (i.e., Let's Go program) for beginners to learn basic outdoor skills and to identify all of the skills they would be interested in learning about. Table 30 indicates that 61% of day users and 43% of overnight users would consider participating in such a program at a nearby park. From those who indicated overall interest in Let's Go programs, the most popular programs were stargazing (49%), hiking (45%), kayaking (41%), and disc golfing (39%). The least supported Let's Go programs were scenic bicycling on roads (25%), rock climbing (29%), and horseback riding (29%). Overnight users were more interested in programs associated with stargazing (64%), canoeing (45%), camping (40%), birding (39%), fishing (41%), geocaching (46%), and horseback riding (35%). Day users were more interested in programs associated with mountain biking (42%).

Table 30. Comparison of day and overnight user consideration of participating in “Let’s Go” programs

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Overall Interest						
Yes	61	43	53	27.30	< .001	.17
Specific Program Interest						
Stargazing	40	64	49	27.17	< .001	.24
Hiking	41	50	45	3.65	.056	.09
Kayaking	39	44	41	1.33	.249	.05
Disc golfing	41	34	39	2.87	.090	.08
Canoeing	31	45	36	9.06	.003	.14
Mountain biking	42	25	36	16.22	< .001	.18
Camping	31	40	35	4.39	.036	.10
Birding	29	39	33	5.25	.022	.11
Fishing	27	41	32	10.96	.001	.15
Geocaching	24	46	32	26.42	< .001	.23
Rafting	27	35	30	3.27	.071	.08
Horseback riding	25	35	29	5.55	.019	.11
Rock climbing	30	26	29	0.92	.337	.04
Scenic bicycling on roads	24	27	25	0.33	.564	.03
Other ^c	5	2	4	4.62	.032	.10

^a Cell entries are percentages (%) of users who reported interest in “Let’s Go” programs. Percentages do not sum to 100% because respondents could check more than one program from the list.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c The most popular “other” programs were: plant identification and wilderness survival.

In addition to “Let’s Go” program interest, respondents were also asked to indicate their interest in learning about a variety of other topics during their visit to the park. Table 31 shows that park users were most interested in learning about railroad history (48%), astronomy (stargazing; 48%), edible plants (47%), logging history (45%), park history (45%), and flora and fauna (tracking and identification; 45%). Park users were least interested in learning about hydrology (23%), leave no trace practices (23%), geology (32%), and birding (32%). Overnight users were significantly more interested than day users in learning about astronomy (55%) and logging history (51%).

Table 31. Comparison of day and overnight user interest in learning about a variety of topics while at park

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Railroad history	47	50	48	0.52	.518	.03
Astronomy	42	55	48	12.63	< .001	.13
Edible plants	49	45	47	1.11	.292	.04
Logging history	41	51	45	7.45	.006	.10
Park history	43	47	45	1.01	.314	.04
Flora/fauna tracking and ID	43	47	45	1.70	.193	.05
Wildflower viewing	34	37	35	0.79	.376	.03
Birding	32	33	32	0.24	.624	.02
Geology	31	34	32	1.24	.265	.04
Leave no trace – outdoor ethics	25	22	24	0.95	.331	.04
Hydrology (watersheds)	24	23	23	0.04	.843	.01
Other ^c	5	1	3	7.38	.007	.10

^a Cell entries are percentages (%) of users who reported interest in learning about subjects. Percentages do not sum to 100% because respondents could check more than one program from the list.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c The most popular “other” subjects were: disc golf, area history, Lewis and Clark, survival skills.

Table 32 shows that 19% of all users at L.L. Stub Stewart State Park would be interested in volunteering at the park. Day users (23%) were significantly more interested in volunteering at the park than overnight users (15%).

Table 32. Comparison of day and overnight user interest in volunteering at park ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Yes, interested in volunteering	23	15	19
No, not interested in volunteering	77	85	81

^a $\chi^2 = 9.15, p = .002, \phi = .10$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Respondents were also asked if they, or members of their group, participated in any concession service / activity such as a guided tour (e.g., fishing, rafting, bicycling, scenic, historic) or equipment rental (e.g., kayak, bicycle). Table 33 shows that only 5% of day and overnight users utilized a concession service or activity while at L. L. Stub Stewart State Park. There was no significant difference in user participation in concession services / activities between day and overnight users. The most popular concession service / activities were REI mountain biking, guided hikes, OMSI stargazing party, disc golf and bicycle equipment purchases, visitor center tour, and firewood.

Table 33 Comparison of overall day and overnight user participation in concession services/activities ^a

	Day Users (%)	Overnight Users (%)	Total (%) ^b
Utilized a concession service/activity ^c	4	6	5
Did not utilize a concession service/activity	96	94	95

^a $\chi^2 = 2.91, p = .088, \phi = .06$.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c The most popular concession services/activities indicated were: REI mountain biking, guided hikes, OMSI stargazing party, disc golf and bicycle equipment purchases, visitor center tour, and firewood.

Attitudes About Management Strategies. Several items in the questionnaires examined user attitudes about possible management strategies at L. L. Stub Stewart State Park. Users were asked, for example, the extent they opposed or supported several potential new strategies for this park. Table 34 shows that the most strongly supported strategies were to provide more opportunities at the park for viewing wildlife (80%), opportunities for escaping crowds (76%), more recycling containers (66%), more opportunities for hiking (65%), more natural buffers to block view of development (62%), and more information / education (60%). The least supported strategies were to close park to all recreation / tourism activities (7%), limit the number of people and large groups allowed per day (22% to 37%), provide food for sale (27%), more group picnic areas (30%), more enclosed shelters (34%), and to provide downloadable mobile phone applications (37%). Day users were significantly more supportive of providing more opportunities for escaping crowds, more recycling containers, more opportunities for hiking, restoring park to historical conditions, improve maintenance of facilities / services, not changing a thing, making park more pet friendly, more enclosed shelters, and more group picnic areas (Table 34). Overnight users were more supportive of requiring dogs be kept on leash at all times, providing wireless internet access in park, more paved trails, and limiting the number of people allowed per day. Overnight users were also asked to rate their support of six additional strategies specifically related to lodging and camping in the park. The majority of these users supported adding more campsites with both RV and tent camping (51%) and more space between campsites (48%). They were least supportive of more walk in / cart in campsites (24%), more group camping areas (27%), more tent camping in campgrounds (33%), and increasing enforcement of quiet hours (36%).

Table 34. Comparison of day and overnight user attitudes about management at the park

	User Group ^a			χ^2 value	<i>p</i> value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
More opportunities for viewing wildlife	79	81	80	0.20	.659	.01
More opportunities for escaping crowds	79	73	76	5.46	.019	.08
More recycling containers	70	62	66	7.04	.008	.09
More opportunities for hiking	69	60	65	8.53	.003	.09
Natural buffers to block view of development	61	63	62	0.22	.642	.02
More information / education	61	58	60	0.47	.492	.02
More trash cans	57	60	58	0.96	.328	.03
Restore to historical conditions	59	49	54	9.23	.002	.10
Require dogs be kept on leash at all times	43	59	50	22.14	< .001	.15
Improve maintenance of facilities / services	53	45	49	6.08	.014	.08
Do not change anything / keep as is	53	38	46	20.21	< .001	.15
Make park more pet friendly	46	37	42	7.14	.008	.09
More programs led by park rangers	38	44	41	3.25	.072	.06
Wireless internet access in the park	31	53	41	49.26	< .001	.22
More paved trails	31	47	38	23.11	< .001	.15
Downloadable mobile phone applications	40	34	37	3.63	.057	.06
Limit the number of large groups allowed	37	37	37	0.00	.998	.00
More enclosed shelters	37	30	34	5.91	.015	.08
More group picnic areas	34	24	30	11.80	.001	.11
Food for sale	28	25	27	0.98	.322	.03
Limit the number of people allowed per day	19	26	22	6.59	.010	.08
Close park to all recreation/tourism activities	8	6	7	1.44	.230	.04
Campsites with both RV and tent camping ^c	--	51	--	--	--	--
More space between campsites ^c	--	48	--	--	--	--
Increase enforcement of quiet hours ^c	--	36	--	--	--	--
More tent camping in campgrounds ^c	--	33	--	--	--	--
More group camping areas ^c	--	27	--	--	--	--
More walk in / cart in campsites ^c	--	24	--	--	--	--

^a Cell entries are percentages (%) of users whose response was “support” or “strongly support.”

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c Only asked in questionnaires of overnight users, not day users.

Park users were also asked the extent that they would oppose or support possible service reductions at L. L. Stub Stewart State Park. Table 35 shows overall low support for service reductions with the highest support for reducing ranger-led programs (27%) and ground maintenance (21%). The least supported service reductions were for reducing janitorial services (8%), number of hours open (8%), and scaled down facilities (9%). Day users were significantly more supportive of fewer ranger-led programs, reduced ground maintenance (e.g., mowing), scaled down facilities, and reduced janitorial services than overnight users.

Table 35. Comparison of day and overnight user support of possible service reductions at the park

	User Group ^a			χ^2 value	p value	Effect size Phi (ϕ)
	Day Users	Overnight Users	Total ^b			
Fewer ranger-led programs	30	24	27	4.43	.035	.07
Reduced ground maintenance (e.g., mowing)	23	17	21	5.52	.019	.08
Fewer ranger patrols	18	15	16	1.28	.258	.04
Scaled down facilities (e.g., restrooms, shelters)	16	8	13	17.73	< .001	.14
Fewer hours open	8	9	8	0.16	.686	.01
Reduced janitorial services	11	5	8	15.49	< .001	.13

^a Cell entries are percentages (%) of users whose response was “support” or “strongly support.”

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Overnight Campsite Use. The questionnaires completed *only by overnight users* asked what type of campsite(s) they used on their most recent trip to L. L. Stub Stewart State Park. Table 36 shows that the most popular type of campsite was an RV campsite (62%). In addition, 19% of overnight users stayed in cabins, and 16% stayed in tent campsites. Few overnight users (i.e., 1% or less) stayed in the group tent or group RV sites, and yurts.

Table 36. Overnight campsite use at Silver Fall State Park ^a

RV Campsite	62
Cabin	19
Tent Campsite	16
Other	4
Hiker / Biker Campsite	4
Group RV Camp	1
Yurt	< 1
Group Tent Camp	0

^a Cell entries are percentages (%) of overnight users who reported using the campsite type at the park on their most recent visit.

Percentages do not sum to 100% because respondents could check more than one campsite type from the list.

Overnight User Requirements. A number of additional questions related to management of facilities and services were asked in questionnaires completed *only by overnight users*. One questions, for example, asked overnight users what power supply they would require if they were to stay at an RV or tent campsite. Table 37 shows that the majority of these users (53%) would need 30 amps, (24%) would need 50 amps, and (19%) would need no electrical power. Few users (4%) would need 100 amps.

Table 37. Overnight user power supply needs ^a

30 amps	53
50 amps	24
No electric power needed	19
100 amps	4

^a Cell entries are percentages (%) of overnight users who require this type of power supply.

Overnight users were also asked about the importance of electric, water, and sewer hookups. Table 38 shows that electric (87%) and water (84%) hookups to be more important than sewer (61%) hookups.

Table 38. Overnight user importance of RV hookups ^a

Electric hookups	87
Water hookups	84
Sewer hookups	61

^a Cell entries are percentages (%) of overnight users who indicated that hookup was “somewhat” to “extremely” important.

Overnight users were also asked several questions about the Oregon State Parks reservation systems. First, these users were asked what reservation systems they used for their most recent overnight trip to L. L. Stub Stewart State Park. Table 39 shows that 78% of overnight users reserved their visit using the internet reservation system, 21% used the telephone reservation system, and 1% had someone else make the reservation. Second, users were asked to report their satisfaction with the reservation system, which was high with 88% satisfied and only 12% not satisfied (Table 39). In addition, the highest proportion of users was “very satisfied” (49%).

Table 39. Overnight user reactions to the reservation systems ^a

Type of reservation system used	
Internet reservation system	78
Telephone reservation system	21
Did not make the reservation	1
Satisfaction with reservation system	
Very Satisfied	49
Satisfied	39
Dissatisfied or Neutral	12

^a Cell entries are percentages (%).

Section Summary. Taken together, results in this section showed that:

- Almost two thirds (61%) of day users and almost half of overnight users (43%) would consider participating in a Let's Go program. Programs with the most interest were stargazing (49%), hiking (45%), kayaking (41%), and disc golfing (39%), while programs with the least interest were scenic bicycling on roads (25%), rock climbing (29%), and horseback riding (29%). Overnight users were more interested in programs associated with stargazing (64%), canoeing (45%), camping (40%), birding (39%), fishing (41%), geocaching (46%), and horseback riding (35%), while day users were more interested in programs associated with mountain biking (42%).
- Park users were most interested in learning about railroad history (48%), astronomy (stargazing; 48%), edible plants (47%), logging history (45%), park history (45%), and flora and fauna (tracking and identification; 45%). Park users were least interested in learning about hydrology (23%), leave no trace practices (23%), geology (32%), and birding (32%). Overnight users were more interested than day users in learning about astronomy (55%) and logging history (51%) than day users.
- Almost one fifth (19%) of all users at LL Stub Stewart State Park would be interested in volunteering at the park. Day users (23%) were significantly more interested in volunteering at the park than overnight users (15%).
- Only 5% of day and overnight users utilized a concession service or activity (e.g., fishing, rafting, bicycling, scenic or historic tour) while at L. L. Stub Stewart State Park. The most popular concession service/activities were REI mountain biking, guided hikes, OMSI stargazing party, disc golf and bicycle equipment purchases, visitor center tour, and firewood.
- Users most strongly supported management strategies designed to provide more opportunities at the park for viewing wildlife (80%), opportunities for escaping crowds (76%), more recycling containers (66%), more opportunities for hiking (65%), more natural buffers to block view of development (62%), and more information / education (60%). The least supported strategies were to close park to all recreation / tourism activities (7%), limit the number of people and large groups allowed per day (22% to 37%), provide food for sale (27%), more group picnic areas (30%), more enclosed shelters (34%), and to provide downloadable mobile phone applications (37%). Day users

were more supportive of providing more opportunities for escaping crowds, more recycling containers, more opportunities for hiking, restoring park to historical conditions, improve maintenance of facilities / services, not changing a thing, making park more pet friendly, more enclosed shelters, and more group picnic areas. Overnight users were more supportive of requiring dogs be kept on leash at all times, providing wireless internet access in park, more paved trails, and limiting the number of people allowed per day.

- A majority of overnight users supported adding more campsites with both RV and tent camping (51%) and more space between campsites (48%). They were least supportive of more walk in / cart in campsites (24%), more group camping areas (27%), more tent camping in campgrounds (33%), and increasing enforcement of quiet hours (36%).
- There was overall low support for service reductions in the park. The highest support was for reducing ranger-led programs (27%) and ground maintenance (21%) with the lowest support for reducing janitorial services (8%), number of hours open (8%), and scaled down facilities (9%). Day users were significantly more supportive of fewer ranger-led programs, reduced ground maintenance (e.g., mowing), scaled down facilities, and reduced janitorial services than overnight users.
- The most popular type of campsite was an RV campsite (62%). In addition, 19% of overnight users stayed in cabins, and 16% stayed in tent campsites. Few overnight users (< 1%) stayed in group tent or group RV sites, and yurts.
- Overnight users reported that if they were to stay at an RV or tent campsite, 53% would need 30 amps, 24% would need 50 amps, and 19% would need no electrical power. Few users 4% would need 100 amps.
- In total, 78% of overnight users reserved their visit using the internet reservation system, 21% used the telephone reservation system, and 1% had someone else make the reservation. Satisfaction with the reservation system was high, as 88% were satisfied and only 12% were not satisfied, and the highest proportion of overnight users was “very satisfied” (49%).

Sociodemographic Characteristics of Users

Table 40 shows demographic characteristics of users. There were more male (57%) than female (43%) users at L. L. Stub Stewart State Park, with significantly more males in the day use areas (69%) than in the overnight use areas (41%). The average age of respondents was 45 years old, and the largest proportions of users were 40 to 49 years old (25%) and 30 to 39 years old (24%). The average age of day users (42 years old) was significantly younger than overnight users (50 years old). Almost all respondents were white (i.e., Caucasian; 91%) with few Asians (4%), Hispanic / Latinos (2%), American Indian / Alaska Natives (1%), and Blacks / African Americans (1%). The average annual household income before taxes of respondents was \$80,000, and the largest proportion of users had incomes from \$70,000 to \$89,999 (17%) and \$50,000 to \$69,999 (16%). Visitors to L. L. Stub Stewart State Park are generally wealthier than the Oregon population at large (Oregon median household income in 2010 was \$51,994). The average annual household income of overnight users (\$84,000) was more than day users (\$76,800). Almost all users (98%) considered English as the primary language spoken in their homes. There was not a significant difference in ethnicity between day and overnight users. Finally, there was no significant difference between the language spoken most often at home between day and overnight users.

Table 40. Comparison of day and overnight user demographic characteristics

	User Group ^a			χ^2 or <i>t</i>		Effect size
	Day Users	Overnight Users	Total ^b	value	<i>p</i> value	ϕ or <i>r</i> _{pb}
Gender				75.54	< .001	.28
Female	31	59	43			
Male	69	41	57			
Age				103.55	< .001	.33
Less than 20 years old	2	< 1	1			
20 – 29 years	19	4	12			
30 – 39 years	27	19	24			
40 – 49 years	25	26	25			
50 – 59 years	15	25	19			
60 – 69 years	11	21	15			
70 – 79 years	2	5	3			
80+ years old	< 1	< 1	< 1			
Average age (mean years)	42	50	45	9.81	< .001	.31
Household income (before taxes)				22.55	.007	.17
Less than \$10,000	3	1	2			
\$10,000 – \$29,999	10	3	7			
\$30,000 – \$49,999	14	12	13			
\$50,000 – \$69,999	15	16	16			
\$70,000 – \$89,999	14	21	17			
\$90,000 – \$109,999	14	15	14			
\$110,000 – \$129,999	10	11	10			
\$130,000 – \$149,999	7	6	7			
\$150,000 – \$169,999	5	6	5			
\$170,000 or more	9	9	9			
Average income (mean dollars)	76,800	84,000	80,000	2.10	.040	.08
Ethnicity				7.82	.251	.09
White (Caucasian)	91	92	91			
Asian	4	3	4			
Hispanic / Latino	3	2	2			
Other	1	2	1			
American Indian / Alaska Native	1	2	1			
Black / African American	1	< 1	1			
Language spoken most often at home				3.99	.136	.06
English	98	99	98			
Spanish	0	< 1	< 1			
Other	2	1	2			

^a Cell entries are percentages (%) unless specified as means or averages.

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

Table 41 shows that 86% of users lived in Oregon, 7% resided in Washington State, 2% were from California, and 2% were from British Columbia, Canada. A majority of day users lived in Oregon (94%) and Washington State (3%), while a majority of overnight users resided in Oregon (76%), Washington State (11%), California (3%), and British Columbia, Canada (3%). Among park users, 72% of park users resided in the Portland Metro region (<http://www.guidetooregon.com/regions/map.html>), 12% resided in another state, 8% lived in the Willamette Valley, and 2% or fewer lived in each of the other regions of the state (i.e., Mt. Hood / Gorge, Coastal, Central, Southern, Eastern). The largest percentage of overnight users was from the Portland Metro region (53%), another state (20%), and the Willamette Valley (14%). Day users primarily came from the Portland Metro region (86%), with a few more from other states (5%), and the Willamette Valley (4%).

Table 41. Respondent location of residence

	Day Users (%)	Overnight Users (%)	Total (%) ^a
Country			
USA	99	97	98
Canada	0	3	1
State			
Oregon ^b	94	76	86
Washington	3	11	7
California	1	3	2
British Columbia (Canada)	1	3	2
Idaho	< 1	1	1
Other	< 1	6	2

^a Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^b In total, 72% of park users resided in the Portland Metro region, 12% resided in another state, 8% lived in the Willamette Valley, and 2% or fewer lived in each of the other regions of the state (i.e., Mt. Hood / Gorge, Coastal, Central, Southern, Eastern). The largest percentage of overnight users was from the Portland Metro region (53%), another state (20%), and the Willamette Valley (14%). Day users primarily came from the Portland Metro region (86%), with a few more from other states (5%), and the Willamette Valley (4%).

Table 42 shows that 89% of users said that nobody in their group had a disability, whereas 11% had at least one group member with a disability. Overnight users (17%) were more likely to have at least one group member with a disability than day users (6%). Of those who had a disability, the most common was associated with walking (6% of park users), while 2% had a hearing disability, 1% had a learning disability, and 1% had impaired sight.

Table 42. Comparison of day and overnight user disabilities

	User Group ^a			χ^2 value	<i>p</i> value	Effect size ϕ
	Day Users	Overnight Users	Total ^b			
Disability in group				27.18	< .001	.16
No	94	83	89			
Yes ^c	6	17	11			

^a Cell entries are percentages (%).

^b Cell entries in this column based on data weighted by population proportions to represent total population of all park users.

^c Types of disabilities: walking = 6%, hearing = 2%, learning = 1%, sight = 1%, other = 2%

Section Summary. Taken together, results in this section showed that:

- There were a few more male (57%) than female (43%) users at this park.
- The average age of users was approximately 45 years old, and the largest proportions of users were 40 to 49 years old (25%) and 30 to 39 years old (24%).
- The average annual household income before taxes of respondents was \$80,000, and the largest proportion of users had incomes from \$70,000 to \$89,999 (17%) and \$50,000 to \$69,999 (16%). Visitors to L. L. Stub Stewart State Park are generally wealthier than the Oregon population at large (Oregon median income household income in 2010 was \$51,994).
- Most respondents were white (i.e., Caucasian; 91%) with few Asians (4%), Hispanic / Latinos (2%), American Indian / Alaska Natives (1%), and Blacks / African Americans (1%).
- There was not a significant difference in ethnicity between day and overnight users.
- Almost all respondents (98%) reported English as their primary language spoken in their homes.
- About 86% of park users lived in Oregon, 7% resided in Washington State, 2% were from California, and 2% were from British Columbia, Canada. A majority of day users lived in Oregon (94%) and Washington State (3%), while a majority of overnight users resided in Oregon (76%), Washington State (11%), California (3%), and British Columbia, Canada (3%).
- Among park users, 72% of park users resided in the Portland Metro region, 12% resided in another state, 8% lived in the Willamette Valley, and 2% or fewer lived in each of the other regions of the state (i.e., Mt. Hood / Gorge, Coastal, Central, Southern, Eastern). The largest percentage of overnight users was from the Portland Metro region (53%),

another state (20%), and the Willamette Valley (14%). Day users primarily came from the Portland Metro region (86%), with a few more from other states (5%), and the Willamette Valley (4%).

- In total, 89% of park users said that nobody in their group had a disability, whereas 11% had at least one group member with a disability. Overnight users (17%) were more likely to have at least one group member with a disability than day users (6%). Of those who had a disability, the most common was associated with walking (6% of park users), while 2% had a hearing disability, 1% had a learning disability, and 1% had impaired sight.

RECOMMENDATIONS

Management Recommendations

Based on these results from surveys of day and overnight users, the following recommendations, in no particular order, are proposed for management of L. L. Stub Stewart State Park:

- Almost all day and overnight users traveled to this park in their own vehicles (86%), so adequate parking is important and should be considered in planning and management.
- The average number of visitors per vehicle for L. L. Stub Stewart State Park day-use visitors (2.41) was lower than the current FMS assumption of 4.0 visitors per vehicle. Park managers may want to use this updated figure in future day-use visitation calculations for the park.
- Almost half of overnight users (47%) and 22% of day users brought dogs with them to this park, so it will be important to ensure adequate facilities to accommodate dogs and their owners (e.g., pick up bags, signs specifying regulations or restrictions), especially in the overnight camping areas. There were also various concerns in the narrative portions of the survey regarding the noise or mess left behind by dogs. Managers may want to consider examining enforcement of existing pet regulations in the day and overnight areas as 50% of all visitors supported requiring dogs be on leash at all times and only 42% supported making the park more pet friendly.
- Almost all users (95%) were satisfied with their experiences and the conditions at this park. Satisfaction, however, was consistently lower for group facilities (37%) and the amount (46%) and quality (55%) of information and education materials and programs.

Managers may wish to evaluate these services to users to ensure they are meeting visitor needs.

- Users were also somewhat less satisfied with the ease of movement and access around the park (e.g., wheelchair, stroller, elderly; 34%). Given that over 18% of park visitors (over 26% of overnight users) were over the age of 60 and 11% of users had disabilities (10% with disabilities related to walking), managers may want to consider evaluating access throughout the park and perhaps even obtaining a current ADA or related audit.
- Approximately 25% of day and 46% of overnight users felt crowded at the park. These results suggest that crowding in the overnight use areas are in the “low normal” range, and are in the “suppressed crowding” range in the day use areas, indicating that access, displacement, or crowding problems are not likely to exist at this time in these areas and may offer unique lower density experiences. LL Stub Stewart State Park is a relatively new park that is still being discovered. As the park becomes more popular, monitoring and management of park use levels will be needed, especially given that 79% of day users and 73% of overnight users supported the provision of more opportunities for escaping crowds.
- Users most strongly supported strategies designed to provide more opportunities at the park for viewing wildlife (80%), opportunities for escaping crowds (76%), more recycling containers (66%), more opportunities for hiking (65%), more natural buffers to block view of development (62%), and more information / education (60%). A majority of overnight users also supported adding more campsites with both RV and tent camping (51%) and more space between campsites (48%). Managers may want to consider some or all of these strategies.
- An Importance – Performance analysis showed that all park attributes were in the “keep up the good work” category, indicating that users thought that staff were doing a good job managing conditions and experiences. There was, however, one attribute that was important to overnight users, but these users were only slightly satisfied with the attribute. This attribute fell into the “concentrate here” category and was associated with shading provided by trees or other structures in the overnight-use areas of the park. LL Stub Stewart State Park is a relatively new park with trees and vegetation that may not have grown enough to provide adequate shade. These results indicate that managers

might consider examining alternative shading options, especially since the number of visitor comments in Appendix A indicates a need for shade and vegetation for privacy.

- The visitor spending analysis showed that non-local overnight visitor party spending was substantial, with the highest percentage (41%) reporting spending \$150-\$350 on their trip (within 30 miles of the park). Most visitors reported spending some money on gasoline and oil (69%), park entry, parking, or recreation use fees (65%), groceries (56%), and camping fees (43%). A more extensive visitor spending analysis of this data set is being conducted by Oregon State University (OSU) and will be available in a separate report. Park managers may want to use the OSU report findings to help inform local community leaders about the positive impact of L. L. Stub Stewart State Park visitor spending on the local economies.
- The largest proportion of users (81%) depended on official internet websites as the first primary source of obtaining information about state parks such as L. L. Stub Stewart State Park, and the majority of overnight users (78%) reserved their spot at this park using the online / internet reservation system. Given these findings, it is imperative for staff to ensure that agency and park internet websites are easy to navigate, up to date, and provide comprehensive information.
- Almost all park visitors (95%) were able to find the information they needed when planning their visit to L. L. Stub Stewart State Park. However, some visitors (5%) were not able to find all information needed. The most popular information needed was more detailed mountain bike trail maps (also difficult to find on website), conditions of mountain bike trails, distance to hike-in campsites, more congruence between website and call center regarding campsite availability, disc golf course qualities, campsite and cabin qualities (shade, privacy), directions for how to navigate OPRD and Reserve America websites, and more information about the park in general.
- Users also provided 836 verbatim open ended comments on what they found to be the most outstanding features or things to do at L. L. Stub Stewart State Park. The most common outstanding features and things to do involved: (a) access to the Banks – Vernonia bike trail; (b) the number of hiking, mountain bike, and horse riding trails; (c) beautiful scenery and views; (d) disc golf course; (e) camping and cabin facilities; (f) cleanliness of park; (g) close proximity to Portland; (h) quiet with not too many people; (i) full campsite hookups; (j) facilities for camping with horses; and (k) the hot showers.

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- Users provided 724 verbatim open ended positive and negative comments, and suggestions for possible improvement of L. L. Stub Stewart State Park and other park related issues. The most common concerns raised involved: (a) lack of shading, buffers, and privacy in the overnight areas; (b) cleanliness and number of bathroom facilities; (c) not enough trash and recycle containers (overnight areas, trails, disc golf course); (d) location of parking areas too far from mountain bike area; (e) inadequate maps and signage to and within park (especially directional signs on trails and disc golf course); (f) lack of water activities (pool, lake, river); (g) not enough enforcement of quiet hours; (h) too many rules; (i) too many ranger patrols; (j) conflict between mountain bikers, hikers, and horseback riders; (k) enforcement of pets (off leash, dog waste, barking); (l) trail maintenance (uneven trails, bumpy, muddy); (m) more horse camping sites and round pen for horses to burn energy; (n) and more trails (hiking, biking, horse).

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APPENDIX A: OPEN-ENDED COMMENTS

Positive Comments

- Love the quality of cellphone signal.
- Keep up bathrooms like you always do.
- Keep trails hike able.
- Great trip.
- Love the bike wash station.
- Love the park and what it has to offer.
- Don't change a thing. We love this park and the people working within.
- After loving this park so much during a visit last year, we invited more family members and rented a second cabin for this stay. All people in our group love this park and are already talking about a future visit, thank you so much.
- All of you are doing a great job. Just keep it up.
- I do like having a host as a go to person for questions.
- At a minimum keep the park at status quo.
- Beautiful park, will return.
- Can't think of anything at the moment. Enjoyed every camping trip at Stub Stewarts.
- Cannot think of anything specific to improve the park. Maybe straighten out the road in, lol. The park was enjoyable and the rangers and camp hosts were above and beyond the call of duty.
- Excellent facility.
- Continue to allow RV & tents on one space. Also great bike trail.
- Continue disc golf course improvement. Thank you.
- Continue to develop mountain bike trails.
- Continue to expand the mountain bike only access trails.
- Continue to support more shade in the camping center.
- Continue with good partnerships (i.e., REI & Stub Stewart). Thanks.
- Continued commitment to trail access and expanded trails development for mountain bikers and other trail users. Rangers provide excellent customer service and continuing their outreach is very valuable.
- Don't change it.
- Don't improve, is great.
- Enjoyed the disc golf course.
- Excellent park. Just wish we had more time to spend there.
- It's a beautiful park and we liked the presence of the rangers.
- Next time we'd do the talk in which looked really nice.
- Good water flow for hot water in showers.
- Great job, don't change a thing.
- Great park as is.

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- My family always has a blast when we stay at Stub's. We have stayed 2 weekends in a row, and if you had a spot open for this weekend I would stay again.
 - Great park, beautiful facilities, well kept, great programs.
 - Great park, my daughter and myself did the stp so did not take advantage of the bike trails but will be back to do that.
 - Great place.
 - Great place. Loved it.
 - Great.
 - I had a great time in the park when I was there.
 - I like the park the way it is.
 - I love it as it is.
 - I love it the way it is.
 - I loved the park. It was beautiful and very clean. Thank you.
 - The stay at SS was my first at a state park in an RV, ever. It was such a pleasure.
 - It was such a pleasure to spend time in nature, and my cat had a ball.
 - I had a much-needed mental cleanse, and would be happy to volunteer at the park.
 - I think it fine the way it is.
 - I think it is an awesome park.
 - I think it is extremely well maintained and handled very well just as it is.
 - I think it is good the way it is.
 - I think it's a great place.
 - I used the mountain biking trails. The trails were well maintained, really nice riding.
 - Great facilities and trails.
 - I was amazed by the pristine condition of this park.
 - I was very impressed by your facilities.
 - There is currently nothing I would recommend you change about this park. It's a very nice facility just as it is.
 - It was a great experience.
 - Our kids specifically liked the play structure.
 - The rangers and volunteers were all very nice and helpful.
 - It is a great park. I have been a volunteer there.
 - It is great place.
 - It was awesome.
 - We loved it and are going back next year with friends.
 - It's a nice park.
 - It's a nice park.
 - It's great.
 - It's an awesome park.
 - It's really great just the way it is. We've camped in the RV park, the cabins & yurts & used the day use area.
 - It's so awesome, we love it. Park rangers are very nice and helpful.

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- It's wonderful as is. Very happy with current state of park.
 - Its fine the way it is.
 - Its great thank you.
 - Just keep doing what you're doing. It's great. Keep all trails in good repair.
 - Just keep up what you are already doing.
 - Just stay awesome.
 - Keep doing what you are doing. Keep having great staff, area litter-free, etc. Great job.
 - Keep doing what you're doing.
 - Keep going in the direction it has been going for the last several years. We like the improvements.
 - Keep it as it is.
 - Keep it clean, graffiti free.
 - Keep it just as is.
 - Keep it the same.
 - Keep maintained, clean, and quiet.
 - Keep the horse camp as it is. We have been several times and have enjoyed it every time.
 - Keep up at least the level of cleanliness and safety that you currently have.
 - Keep up the clean-up.
 - Keep up the good work, keep the mountain bike trails maintained.
 - Keep up with the clean campsites, restrooms and well groomed trails for biking. We come every year for our family camping trip and always look forward to it.
 - Keep visitors happy. Make sure staff is professional and happy.
 - Keep working on mountain bike trails, excellent so far.
 - Leave the horse park alone. Love it just the way it is.
 - Great place.
 - Thank you so much. I rarely do surveys, but I love Stub Stuart and would love some improvement so I can convince my family that we should go there again.
 - Love it.
 - Love mountain bike trails. More is always good.
 - Love sharing the trail and most people are awesome we run into.
 - We all love our camp hosts and rangers. Great group of listeners.
 - Love the horse facilities. We will be back.
 - Love the mountain biking trails. Keep developing them. Best place within 50 miles for cross country riding.
 - Love the park, good people working, Awesome place.
 - Love the park. Keep doing what you are doing.
 - Love this park. I think it's very well built and planned.
 - Loved it.
 - Loved it. The ranger welcoming us last night at the Welcome Center was especially nice and a fantastic ambassador for the park.
 - Loved it.

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- Loved it the way it is.
 - It's a fantastic park.
 - Bicyclers were good about saying "on your left" while we were on the b-v, but could have been better.
 - We would not have camped at LL Stub Stewart if it wasn't for the walk in sites which were actually much nicer than I had been anticipating. Thank you. Other than the developed campgrounds being completely not up our alley, we loved everything else about the park. It exceeded our expectations especially with cleanliness, staffing, programs, level of noise, forested areas, and hiking opportunities.
 - We all loved it. Thank you.
 - Appreciate the work you have done on putting stone on the muddy areas of trails. Signage is very good on trails. Appreciate the volunteer work done by OET members.
 - It's a beautiful park, I will be back.
 - It is well maintained and welcoming.
 - I like the park a lot.
 - Beautiful park, great staff, great services. We're headed back next week for a few more days.
 - Great park. I'll be back.
 - Nice park.
 - Overall great.
 - No complaints.
 - This is a great place as it is.
 - You're doing great.
 - It's great.
 - I like the park very much.
 - It was perfect.
 - Park is great as is. Will be better when the trees are taller. Enjoy the large camp site for our 41 foot trailer. Most parks only have a few sites of this size. LL Stub Stewart I can park in almost any site.
 - Perfect.
 - This disc golf course is beautiful and challenging.
 - This is a very nice park.
 - Pretty awesome.
 - The park is great, and we plan to return again.
 - I would give my stay an A+ or a 10 or an excellent or whatever other score that would be considered the best.
 - Really enjoyed the park. We stayed in the cabins on our first trip and a hike in spot on our second trip, so we didn't experience the main camping areas. Really enjoyed both experiences.
 - Really liked the place. Maintain your current standards.
 - Love you guys otherwise. Nice and close to the city.

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- Seems like you've got it right.
 - Great facilities.
 - Enjoyed the park. Thanks for being here.
 - The park rangers don't need improvement, they were wonderful.
 - Stub is wonderful, love the trails in the woods.
 - Thank you.
 - Thanks, we love it.
 - The campgrounds were clean, well-groomed, no litter, laid out nicely and it seemed safe there. Thank you.
 - The park is fine just as is.
 - The ranger that helped us was great; had a lot of information and made sure we knew where we were going.
 - Overall we really, really enjoy Stub Stewart, especially during the week in the summer when there aren't many people and we can enjoy our favorite camping spot and relax in the quiet.
 - This park is awesome leave it alone.
 - On the positive side: very impressed with the trail signage, it's the best we've seen anywhere; trails are fantastic and liked the variety as well. Plan to come back again when we can spend at least 7 days. All guests should be encouraged going to Verona for any grocery needs to support a struggling community.
 - Very nice.
 - We absolutely loved the park, had a wonderful interaction with the camp host to purchase wood and the cabin rental.
 - We will definitely be back regardless of the size. We went to Emigrant Springs the following week and the traffic noise there proved how wonderful and relaxing Stub Stewart is.
 - We are almost totally satisfied with Stub Stewart SP as it is.
 - We had a great stay.
 - Stub Stewart is a great campground and we will be back next year.
 - We had a great time.
 - We had a wonderful time. The hosts at the time were exceptional and even remembered my kids' names, which are very rare and uncommon names. Please tell them thank you. And thank you to everyone that maintains this park for everyone to use.
 - We have been traveling in an RV for 3 weeks. We agree that LL Stub Stewart is one of the best camping experiences we have had. If it were closer to our home, we would visit regularly. We should have stayed longer. Thank you for creating such a good outdoor experience.
 - We love it as it is.
 - We love Stub. Our neighbors rent out the cabins and have a great weekend.
 - We love the park. Thank you.
 - We loved it. We were there in July and August.

- We loved the park.
- We loved this park and will be coming back.
- We really enjoyed the location, atmosphere, environment, facilities, and overall feel of Stub Stewart.
- We really loved the park and cabins.
- We love going to Stub with our family and friends.
- The ranger there was very helpful in showing us where to go, making sure there was a cart, etc.
- We were very impressed with the park. We were visiting because we are going to volunteer in September. Looks to us like all is being done to make it a great park.
- Thank you for having a telephone for local calls so we could check in with our families. Our cell phones did not work in the park.
- Thanks for a great experience; our guests loved it.
- You are doing a great job. This is our third year doing a bike and camping trip.
- We really like the ranger lead talks and hikes.
- You are doing a great job. We stayed in 3 parks on this road trip that covered 1800 miles, and this was by far the nicest. Too bad it's so far away, but we will be back.
- You are doing a great job. Keep doing what you are doing now, please.
- You are doing a tremendous job at this park. If you are able to maintain the service you provide now I cannot think of any improvements.
- It was awesome.
- You're doing great.

Negative Comments and / or Issues for Improvement

- Hiking trails and bike paths for kids that are away from hills. It's such a hilly place that my kids don't want to go back for hiking / biking.
- The dog park was out of bags and dog garbage was overflowing for our whole stay. Maybe a second dog area as well?
- The bathrooms got stinky and ran out of TP every day.
- Would like some fun early evening events (songs, stories) for kids.
- Shade for the playground perhaps.
- Camp sites are very basic. Not many trees and bushes separate the sites. Use natural means, primarily, to make sites more private.
- Repair/replace disc golf signs/maps.
- Continue to improve and maintain mountain bike trails.
- Larger dog off-leash area.
- Trail intersections with identifying numbers coordinated with park map. Sometime it's hard to precisely identify my location on the map.
- Set up another disc golf course.
- Zip lines.
- Trash bins made available to day-use areas and ranger station.
- Tremendous amount of horse feces on trails. Not sure if that could be better managed.

- Trash cans.
- More trees for shade in the afternoon would be nice, but that will probably improve over time.
- It was somewhat strange to have to walk all the way down the hill to dispose of garbage and recyclables.
- We had reservations and then about a week or two before our stay, we did the pre-registration on-line, but then when we got there we still had to fill out the registration form manually, put our copy on the dash of truck, and insert the parks portion in the registration slot. That process seemed rather redundant and left us feeling a little befuddled about why we wasted our time to pre-register on-line.
- A few more bathrooms and showers would be nice. There's not enough for fifteen cabins with three to four people each.
- A few trash cans on the disc golf course would greatly improve the experience.
- A few trash receptacles, about every 6 holes on the disc golf course. Thanks.
- A parking area/trailhead closer to the mountain bike area would be great. The map was slightly confusing being our first time.
- A shuttle to make use of Banks-Veronia trail for bike trips.
- Add a round pen in the horse area with a sign stating that it has been provided for those who need to work a horse. Please do not leave horses unattended. Like a little kid sometimes a horse will get a little wound up. A round pen would provide a safe place to work off a little energy.
- Add another 9 or 18 hole course. We'd make a full day trip of it.
- Add grills to day use area. Have more shaded areas in the day use area with trees.
- We heard shooting. Is this park near a range? It was frightening our dog. Dislike that.
- Would be nice to have pet friendly yurts in remote, uncrowded area.
- Cabins too close together.
- Add more mountain bike trails.
- Add more trees and shrubs between spaces. Keep the grass mowed and green.
- Add receptacles for pet waste. Make camping nearer to off leash dog park.
- Add RV dump station.
- Add camping areas for large groups. We stayed at this park twice in the past month (5 days each) and both times we were right in the middle of a large camping group. They were all courteous but their group was spread throughout the campground with individual campers mixed in. It seems there is a need for group camping facilities during the summer months.
- Additional privacy between sites.
- Additional sink to the cabin restroom facility. One sink is not adequate for the number of cabin residents.
- Address muddy horse trail near cabin village.
- Allow tent camping around the Horse Camp for non-horse people. Possibly small walk in tent sites. We have a lot of friends that would like to join us but don't own horses.

- Allow those who reserve the meeting halls to have a key issued to them or install lock box on meeting hall with key in it, as is done for cabins. It was extremely inconvenient for both camp host and campers to gain access to the meeting hall and kitchen.
- Allow water activities on grassy areas. When it is hot, kids need water.
- Although the sites are very flat, I had my son and girlfriend in a tent sleeping on gravel. We did not have air mattress, and were not allowed to move the tent onto the grassy area. Most state campsites allow you to tent camp on grass or sand. Would be nice to have an option for that here.
- Arrows on baskets pointing to the next tee in disc golf area.
- The bathroom walls need to be cleaned.
- The lack of shade and shade on the play structure because children can get burnt.
- The lack of garbage and recycling available at camp sites.
- We were contacted by the park rangers every day about some violation. Everything from a 10:05 visit that we were too loud, a visit that we paid too much for parking (the same day by 3 different rangers), we had our tents on the grass (which we found much more comfortable than the gravel), one of my car tires was an inch on the lawn, and it went on and on. We were there a week and not one day went by that we didn't have a visit from the park rangers. Two separate people from our camp site went and talked with park hosts and they were very understanding. We have been camping a week in August for many years and I have never been visited by a park ranger. Camping is supposed to be relaxing and stress less but I was worried the entire time that we would do something else to displeased the park rangers.
- I prefer camping in the tree, not out in the open. It was hot and no shade to be found. Allow travelers to setup earlier and forgo the manicured campsites.
- Ask museum volunteers to not chat up visitors so much. It was difficult to "get away" from them and just do our own browsing. But, all in all, we love your park.
- It would be nice if you could have a fire pit for all family members together at night as a group.
- Have a dumpster and recycle area for easier clean up at the Hall. That would be great.
- ATV trails would be a fantastic addition. ATV riders are numerous and constantly seek good places ride where they can camp in comfort. The trails could be located in an area similar to the horse stables where they are mostly isolated from the normal campground areas.
- Areas at campsites for dog owners where they can let their pets off leash. There was a lot of money spent for horse owners but by far dog owners exceed and camp more often than horse owners.
- Bathroom in the cabin area only has one sink.
- More privacy between cabins and at campsites.
- Better beds to sleep on. When you are a large person, like I am, it is hard to lay on the futon mattress and sleep in comfort. If there was a way to have a firmer padding or thicker so as to not allow for the wood to push up through and into my sides and back that would be great.

- Better directional signs on the disc golf course, more benches and maintenance of shrubbery. Thanks.
- Better disc golf signage.
- Better landscaping on a few disc golf holes. Knocking back ferns and shrubs. Often losing discs.
- Better landscaping on disc golf course.
- Better maintenance of trails after horse usage. Trail terrain, and droppings.
- Better maintenance of hiking trails, as in muddy when raining.
- Better maps of trails and signs on the trails.
- Better parking for group shelters and more group shelters.
- Better parking for the cabins.
- Better publicity within the park of events and programs. Stargazing was well publicized from OMSI but whether other programs were occurring as scheduled on the month calendar was in doubt or when.
- Wheelchair access to trails, even with motorized ones. Is impossible due to terrain and conditions. Is there a trail relatively flat that a non-Olympic athlete could go on and see nature other than day use parking lot.
- Better recycling at the garbage dump. Maybe a place to put deposit cans also.
- Better signage for mountain bike trails. Mark every intersection.
- Better signage on the highways, with signs before their current placement.
- Better signage on the mountain bike trails so that the trails match the maps.
- Better signs around the disc course to prevent horses and riders from entering. Please have some build days for the free ride area to complete the trails and open the closed trails.
- Better signs on the trails.
- Better tent sites.
- Better/more detailed mountain bike trails map. More signs on mountain bike trails.
- Bike lanes, speed limits.
- Bike path from campground to BV trail, so cyclists don't have to ride on the road (especially kids).
- Bit more privacy between campsites, more shade trees at the playground at East dairy loop.
- Camping and cabins must have some natural or other barrier to separate each site from the next. This improves the overall experience, increases perceived value and privacy for all.
- Camping sites for tents were really not impressive. Please give more privacy. Too close together. Should have a parking spot next to it instead of waking to the car. Was disappointed.
- Campsites are lacking in privacy and the tent pad area would be much nicer if it were a forest floor type rather than gravel as it is now.

- Cannot think of anything to improve. Had small issue with tracking gravel into the RV, very minor.
- Clean the bathrooms.
- Cleaner bathrooms and showers and build up the natural barriers in the East loop.
- Cleaner showers (walls a bit moldy). Any more water pressure?
- The collection box for dog waste was missing.
- Clear brush on disc golf course. Fix signage. A recycling/garbage half way through.
- Clear out eye poking shrubs and trees around the bagkerson 3 hole course.
- Complete the trail work on lower half of the hill at the upper end of boomscooter and do the work needed to connect matchcutter with BV which has been closed for the past several years.
- Connect the two mountain bike trails system.
- Don't advertise mountain bike trails on web sites such as single tracks etc. will get too crowded.
- Continue clearing some of the disc golf course. Official distance and pars would also be nice on the signs. Garbage and recycle on hole 9 would be appreciated.
- Campgrounds need more vegetation for privacy.
- Create parking closer to the BV trail head.
- Credit or debit card at every major site for the day use fee.
- Day use parking with shade. Only shady spots are horse use only.
- Dedicated area for parking near B-V bike trail.
- Define some trails as horse only. Mixing horses with kids on mountain bikes and playing disc golf is crazy and going to result in some serious injuries. You have a great horse camp but we won't be returning or recommend it to friends with the current mixed use arrangement.
- Disc golf course is very technical. I am a seasoned player and found it nerve wracking.
- Do away with barking dogs.
- Do way with camp cart or improve them. Also provide a much better description of the walk in camp site.
- Don't sell wet firewood.
- Double hookups in group RV sites at horse camp. Garbage dumpsters would be a plus but not a show stopper. More trees/shrubs between campsites.
- Double horse sites need 2 RV hook ups. Or at least 2 water hook ups so horses can be more easily watered.
- Educate & enforce the bicyclists on etiquette when approaching horses. Make all trails connect instead of dead-ending. Open more equestrian trails. Re-open closed trails.
- Educate the role of the campground host to be nice to visitors. When we left our campsite at checkout at 1pm they were hovering in their gator waiting to clean the site when we left. They need to relax and let visitors relax. We are responsible campers who respect the rules of the campground but they were so worried about raking the gravel that they stressed us out. Camping should be a relaxing experience, not volunteers chasing kids

away because they were playing in an empty campsite. It makes me think twice about spending time at any state park.

- Eliminate loud children from paths directly behind my camp site.
- Enforce quiet-time better.
- Enforce speed limit.
- Enlarge the horse camping area. Make a more private group horse camping area like Silver Falls State Park has. We horse people have the money and are happy to spend it for our enjoyment with our horses.
- Even more mtn. bike trails. Please mark the mountain bike trails with names.
- Everything was fine, but, the showers need to have hot water all the time. The shower temp was cold each morning. Not fun taking cold showers. Solar panels do not provide enough hot water.
- Expand the horse camp, let dogs off leash as long as they are under voice command of their owners.
- Expanded free ride park and cross country trails. Better trail signs that match paper maps.
- Experiment with a compost toilet, like a porta potty.
- Fee payment was too confusing.
- Fishing lake would be nice.
- Food or snacks to buy.
- For the hiking area, the carts were hard to balance while loading and unloading and seemed heavy even when empty. Don't know if there is a different style that would fit all users. Better than nothing, so thank you. The bathrooms/outhouses seemed to need better odor control if possible.
- We came to the site to avoid fireworks noise on the 4th. We were told Stub Stewart would be quiet. The rangers did a good job patrolling the park for noise. However, locals set off fireworks in the canyon all night long, so we won't be back next year. But we'll return another time.
- The drive up camping spots are too close together and don't have enough shade for summer camping.
- Garbage cans
- Garbage closer to sights.
- Less ranger runs.
- More water and biking activities for children.
- Garbage disposal at each camping area. We hate having to save up our garbage until we leave because I can't walk uphill and we don't like to unhook the truck from our trailer.
- It would be nice if there were a small convenience store at the park in only during the high-usage months. It could even be a glorified food cart. It is not fun to run out of or perhaps forget something like milk and have to drive to Vernonia in a truck that gets 8 miles to the gallon. Ice and wood and propane would be nice, too.
- Get rid of the worms.
- Get rid of the worms.

- Gravel paths on side of some of the trails. The horses tear up trails pretty bad. I do enjoy sharing the trails with the horses.
- Mountain bike area needs major signage improvements, got lost pretty easily last weekend. I have no other complaints,
- Sometimes the park is very hard to reach via phone.
- Greater privacy in campground, less gravel.
- Have a few coffee shops for refreshments.
- Have dumpsters in camp sites.
- Have large, easily-identifiable trash cans in the day use area.
- Have more information on mountain bike trails. How they connect and what the condition is.
- Provide a way to know more about cabin sites, such as which ones have nature view and which ones have parking lot view.
- Have more trails where dogs can be off leash. Although to be honest our dog was off leash as soon as we were deep in the trails. Dogs need to run around and burn off energy and the small park area is not enough if you have an active dog.
- Have soap available in the showers, even just simple gel.
- Could provide hammocks on porches of cabins with hooks in place or loan them from the office.
- Have some tent sites near cabins. Our family was separated. Would have been nice to be closer.
- Horse poop really should be cleaned up, if dog poop has to be cleaned up so should horse.
- Horses and bicycles should not share the same trails. Extremely dangerous for both parties. Please revise this practice.
- Hot water showers.
- Hotter water in showers.
- How about some yurts.
- I am finding the reservation process confusing. I was told I could reserve a cabin 9 months in advance and waited to exactly 9 months before to reserve a cabin. But, when I reviewed the reservation site, I found all the cabins were all taken and even some farther out than 9 months. It looked like you could reserve out farther if you wanted more than a week. So it also looked to me like folks were reserving two full weeks to get the cabins out farther and then canceling the prior week at a later date. I still don't exactly understand it. We want to come back next year, so I have it on my calendar to check for reservations at exactly 8 months and 3 weeks. We'll see what happens.
- I don't like how tall the fire pits are. Much taller than other parks. It's hard to experience the heat radiating off the fire.
- I felt cheated booking a \$10 site and receiving an \$8 service charge online because I couldn't find online that there was hiker/biker sites available.
- I find it very frustrating that horse sites cannot be reserved on-line. I was told by ReserveAmerica that it's so they can read the do's and don'ts list to us. I know this inside

and out and even if I didn't I can read it when they confirm the reservation by e-mail or mail. This is a waste of time trying to get through to ReserveAmerica and being on hold, plus having to wait for their business hours to plan or confirm a trip. Please consider changing this.

- I got lost in the free ride / mountain biking area. I would have appreciated more signs that labelled the various paths. At one point I ended up on a path and after 15 minutes there was a large log blocking the trail. It would have been helpful if there was a sign at the beginning of the trail saying that the trail was closed up ahead. I understand that there is lots of work being done and this causes problems with the labeling of trails. Thank you.
- I have camped all my life at state and federal parks. Never have I been told that bicycles can only travel in the same one-way direction within the campground like automobiles must do. The park host informed my wife and me that we were required by state law to follow this rule. That rule has never been enforced in any other campground that I have ever been in, including many other western and central states.
- We left a day early because we were there to relax, not to be monitored all the time and adhere to ridiculous "local" rules. The park is pretty nice, but we will most likely not come back to this location.
- I have difficulty walking on uneven ground so more paved trails, and more trails where a greater variety of plants and animals can be viewed. Trails into parts of the park not currently accessible would be good.
- I like it just fine, perhaps a couple more trash cans along trails. Specifically for dog waste.
- Would love to be able to tent/yurt/cabin camp near my family who all have RVs. The cabins are just too far away to do nightly campfires with them (we have young children).
- I miss the WIFI. On last visit the dog waste cans were missing. We were in site 47 and there was a lot of chalk graffiti in the surrounding sites which I found very distasteful.
- I realize people love their animals and I also love animals but people need to have better control on their animals or just not bring them to a park made for people. When you take a walk around the campsites just to check things out it would be nice if you did not hear dogs barking at you. Not all people clean up after their pets. Maybe a stiffer law would help. Enforce the leash law. A leash is for controlling your pet. Keep ahold of it or leave with it.
- The only thing I found confusing or obnoxious was the camp host who, at 12:30P, when I was readying to leave, stopped by to inform me check out was at noon. The website states check out is at 1P. I think either the website should be changed to reflect the correct check-out time, or camp host should be informed of the correct check-out time.
- I strongly object to RV'ers in motor homes towing a car/truck being required to pay an extra \$5 for the car when a car or truck towing a trailer is not charged for the second vehicle. The motor home towing a vehicle should be treated the same as a trailer. I realize this is an Oregon State park policy and not a Stub Stewart policy.

- I think having a swimming pool would be the only other thing I would say would improve the Park.
- WiFi would be nice.
- I've been to other parks camping and the host will always stop by to say hi and introduce themselves. I saw the host once and never at our campsite. I would like it to be more personal.
- I think more trails for kids to hike on and a little swimming pool.
- The signs on bike trails were not adequate. My son and I got a little lost and turned around. When we descended the freestyle trail there were no trail signs to lead us back to the day use parking area. You must put better signs.
- Maybe moving the cabins away from each other slightly.
- I was disappointed that my boys were told that we could not use remote control cars toys at this park. I was also surprised that setting up anything on the grass was prohibited. We camp at state parks quite often and found the rules at Stub Stewart to be far more restrictive than others. We never knew what the camp hosts were going to tell us not to do next.
- I wish those walk in campsites were bigger and had more natural privacy such as trees.
- I would camp here if there were more secluded and private tent sites. I would love to see tent sites on the hiking trails. Tried to camp here earlier in the summer and saw online that no one had reserved any of the spots, but when we got here every spot has a reserved sign on it. So we had to go back home. So it would be nice if the website was updated often.
- I paid and pre-registered for a cabin on the internet, and you gave my cabin to someone else.
- I would like to experience a more rustic camping feel for me and my family. It would be nice if there were campsites in more of a wooded area but where you could still drive and park your vehicle at the campsite. It would be nice to have plenty of space between you and the next campsite. I would like to pitch the tent on dirt not gravel pads. I have a number of friends that would also be interested in this setting. I know some of them don't go to Stub Stewart because they like the more wooded tent camping sites for the family.
- It would have been nice if the play structure area had more equipment. And also it would be nice if the play structure was designed for parents to run and play on with their kids. The current play structure is not heavy duty, it is built for kids only. We did really enjoy our time and experience, but just some thoughts on what people would like to see.
- I would love to see more horse camping sites.
- I would really appreciate it if the perimeter of the cabins were not being sprayed with Round-up just at the beginning of check-in time.
- If people are paying a day use fee, they will expect trash services. Otherwise, the pack it in, pack it out policy is more acceptable.
- If there was ice and firewood available for purchase on site, I would buy it.
- If you could make the trees grow a bit faster to provide more shade that would be great.

- Improve bike trail signage. Consider re-labeling the trails, they are mostly all moderately difficult and more. Consider adding a more level bike trail in the area with moderate hills.
- Improve cleanliness of bathrooms and showers. Plant more trees between campsites.
- Improve native habitat and interpretive signs. Encourage recycling and lack of litter.
- Improve the restrooms that the cabins use with more sinks, more toilets, more showers, wider parking stalls and straighter to make parking easier.
- Improve signs and maps in disc golf course.
- Dog off-leash area could have a separate area for small dogs. Water for dogs.
- In the horse area, nice to have a round pen to work the horses before riding would be a big benefit. If we get some of the energy out of the horses, they are safer for the rider and on the trail. Tansy, which is a weed that is bad for horses. We cleaned up the site area and the site near us.
- Increase shelter and separation plants between sites, from zero to at least some, in the center of the East loop, please.
- Increase the size of the parking spaces for the cabin parking area. Kids' bikes going between cars and kids opening car doors are damaging vehicles parked in these spaces. At least half of the vehicles parked in these spaces when we visited were SUV's and Pickups. I could not park in my space (#10) without driving on the grass because the spaces are so narrow.
- It would be nice to have clean well ventilated toilets.
- I would like to see more mountain biking trails and see the ones currently being built completed.
- It was wonderful. Wi-Fi would be nice to make it easier to get info on our trip.
- It would be great to have a yurt village. Some body of water would be nice too.
- It would be great to have more shade near the cabins as well as near the play structure. We went to play there with our toddler and it was so hot in the sun. We could only stay a short while.
- It would be nice if dogs could be off leash on the hiking and biking trails. Otherwise I don't think you should change a thing.
- It would be nice if there were more benches to sit along the trails to eat lunch or read.
- It would be nice to see more tent camping area or some hike in back packing areas. Too many RV's, tent sites that are more secluded from other campers.
- There really is nothing to do within about 30 miles.
- It's probably gotten too large. Not sure you can improve it at this point. Would be nice to have trails for horses without bicycles.
- Jr. Ranger Program, more trash and recycling cans, more shade in campsites.
- Just keeping the grounds well-kept and clean and the bathrooms clean are important.
- Just wait for the trees to grow in and shade the RV areas.
- Keep adding vegetation that gives privacy between campsites. Let the park mature, trees, plantings, etc., and encourage watchable wildlife with conducive habitat.

- Dogs on leash. Remove invasive species.
- Keep improving the mountain bike trails. Trail signage for bike only. Keep horses off the bike trails, especially the new ones being built.
- Keep the bathrooms cleaner and make sure there is plenty of TP.
- Keep the campsite grass areas trimmed and weed free.
- Keep things the same and add some more Ranger led naturalist type programs.
- Keep toilet paper in the bathrooms stocked. Three mini-rolls isn't enough, so maybe 3 large industrial rolls.
- Put more trail mark signs - especially at trail intersections.
- Larger walk in campsites with more privacy and shade.
- Last time publicity of star gazing was nil. This time it couldn't be missed. If the parks had local broadband or Wi-Fi, daily announcements could be posted, such as warnings of cougar or bear sightings, camp rules, maps, special events, and other announcements and could be available on smart phones, laptops, etc. Otherwise, daily postings at each of the camps today's activities as opposed to a monthly calendar that is only close to what will happen and where or when.
- Better signs in disc golf dictating where from the basket the next tee pad will be.
- Less horse poop on trails.
- Less horse poop on cycling trails.
- Real bathroom near walk-in tent site.
- Bike trail from Banks / Vernonia trail to welcome center (to avoid road traffic) and easier access to hiker/biker area.
- Little more grounds maintenance in the sites would be nice. Weed eating and such.
- Longer equestrian trails.
- Longer hours for check-in.
- Lots of trees planted in the tent camping meadow, separate tent only car camping spot, limit the number of people for the Star Party or special events. Limit parking for sure. Everyone that we talked to at the star party had a lesser experience because of the amount of cars and light traffic, and too many people.
- Also info for bikes/hikers on passing horses and info for horses on passing hikers/bikers.
- Many bikers are rude and fast. They will tell us to get the horse off the trail and pass in groups and without a word. I have been riding up here for 15 or so years and in the last few it has gotten so much worse. Having the mountain bikes now up at the horse camp area is so not right. We have come down a trail to find them flying at us, many go off their trails and meet us in bad spots on our trails. We love they have a place to call their own, but we pay good money to have a safe riding spot and feel we are losing that. Very sad.
- I would add more horse camp sites. They don't all need power or sewer. Tent camping with water access.
- The only thing would be the camp hosts cleaning vacated spots at 8 am. I understand it's so the spot would be ready by check-in but we were still asleep.

- Lower fees.
- Lower the price of camp sites. \$30 is a lot of money when occupied by tent campers.
- Lower the rates.
- Make "unfit settlement view" a little wider. Plant growth is taking over trails. Thanks. The view could be improved by cutting some brush. Plus another bench.
- Make a sign to watch for bees, I got stung 4 times today.
- Make certain that all dogs are kept quiet. A barking dog was a terrible nuisance; apparently not trained/controlled by owner.
- Make easier to find water to play in. I saw people with boats but I could not figure out how to get to the water.
- Make garbage containers and bags available at several locations to take care of dog waste. Since the garbage cans have been removed I have noticed people are not cleaning up after their pets.
- Make reservations possible within one day window. Give rangers ability to check availability of sites at nearby parks.
- Make sure sites are vacated by 1:00 pm. Also, we had no idea we were to check-in at the Welcome Center. Nowhere is it posted or told on your info. No other state park we have stayed at does this, so went to site and someone was still in it. Also, enforce quiet hours.
- Make the campground darker at night. Maybe bathroom lights should be dimmer or red. Get rid of the automatic hand dryer, makes too much noise. Get rid of the soda pop machines. They are too bright at night, and who needs soda pop?
- Make the road/trail to the hike-in sites easier. They are too steep, rocky, and long. The mountain biking trails were mostly contained to an awkward area of the park with lousy return trail. Navigation was severely challenging for riding bike.
- Could use a ranger cart for carrying any luggage to and from at certain times like 7am, 8am. Way too hard carrying camping gear for family of 4 into sites.
- Our tent site was 5 m next to other tent site - no privacy, no personal fire pit, closest bathroom didn't work, and door locked itself. Many complaints but otherwise the park was lovely.
- Make trails easier to walk on and take small kids on.
- Maybe more access to nature.
- Maybe more and closer bathrooms. Maybe one or two more in the middle of the others.
- Maybe you could put in a pay with card machine for day use. Sometimes I can't fit payment in box.
- Mirrors on the shower side of the restrooms located in the Horse Campground.
- More acreage.
- More online maps.
- Keep trails hikeable when it's wet and muddy.
- More bathrooms and showers.
- More bathrooms and improved trail management for wet conditions.
- More bike trails.

- More camping tent sites that can be used for RV with no hookup.
- More carts available for the hike in site would be great and checking on the signs within the park about directions to trails or bringing them closer to trail junctions to help direct would be great.
- More carts for packing in camping gear at the walk-in site.
- More carts for walk-in sites. We had to wait a long time around 5 pm for an available one, at checkout time, also.
- More comfortable mattresses in cabins.
- More convenient trash bins.
- Better maintaining of site trees, insect damage caused roof staining on RV roof.
- More disc golf.
- More disc golf baskets.
- More disc golf.
- More dog friendly features, natural swimming area, and more bike trails.
- More dump areas for dog waste.
- More flexibility in temporary location of vehicles when visiting fellow campers in campsites on the other side of a loop. If a campsite is empty and rangers know it forcing campers to move their vehicle when no one is in a site is ridiculous.
- The pea gravel does not need to be raked in campsites before a new guest arrives. It is a campsite not motel carpet. Picking up little bit of trash is fine. The trash should be been picked up by the previous camper though.
- Rather than driving pickups through campgrounds looking to check vehicles. They could walk or ride a bike. Healthier for them, less gas used, less wear of vehicles.
- More garbage cans for dog waste in the camp sites.
- More hiking trails. More nature activities.
- More horse camp sites and ability to reserve horse campsites online.
- More horse camping facilities.
- More horse trails.
- More horse trails.
- More hot water for showers.
- More kids activities.
- More maps of the holes on the disc golf course.
- More mountain bike trails.
- More mountain bike trails.
- Garbage and recycle too far from campsites.
- Off leash dog area was not very clearly signed how to get to and was a bit far from the campsites but still manageable and much appreciated.
- More mountain bike, specific trails, maybe another disc golf course.
- More mountain bike trails.
- More mountain bike trails. More hike in camping spots. Hike in cabins.
- More mountain bike trails, xc particularly.

- More mountain bike specific trails.
- More mountain bike trails.
- More or better signage along mountain bike trails would be helpful or place corresponding colored dots on maps and trails to indicate direction to help exhausted hikers and bikers orient themselves.
- More parking for the visiting cars to the campsites. Allow more than only 2 cars to be parked per campsite. Make the forms more user friendly for the visitors in extra cars (\$5 fee). We had visitors who filled out the forms incorrectly and ended up over paying, and receiving warnings and tickets for the errors.
- Allow tents to be placed on the grass.
- Add signs to the parking near restrooms that state the parking is for temporary use only.
- The rangers and hosts patrol the grounds way too much. They spend too much time and too much fuel on driving around.
- Need more garbage/recycling centers; there is only one for the entire park! Provide paper towels in the restrooms, and provide a garbage can larger than ~1 gallon. Encourage recycling and provide recycling containers with the instructions clearly stated.
- Provide free WiFi Internet for the campsites.
- The first two days we only had enough hot water in the showers for the first 3 minutes. But after the first two days something changed and we had ample hot water. Seems like a lot of ranting and complaints, but actually we had a great week visiting the park, and we will be back regardless of these issues. Thank you.
- More pet friendly lodging (cabins).
- More plantings between campsites to provide more privacy.
- More playgrounds.
- Possibly having a garbage area for each section of the camp, like the west has a garbage dumpster, the east has a garbage dumpster. Instead of one main garbage and recycling area.
- More privacy at campsites.
- More privacy at the campsite. More bushes or trees around the borders.
- More privacy between RV sites.
- More privacy between sites in the developed campground area, separation with trees/bushes.
- More pull-thru sites. My disability requires a pull thru spot and in order to get one of the two spots there. I must make a reservation 9 months ahead of time.
- More recycle and trash on disc course.
- More recycling.
- More RV campsites in the horse camp.
- More RV campsites.
- More RV spaces and more trees and bushes around RV spaces. Don't clear cut to make RV spaces. Instead remove just the Trees and bushes that need to be gone for safe traveling.

- More shade and space for camping. I was very happy that we had chosen a cabin instead of the tent sites. We usually camp in a tent, but my family would have been very sad if we had been at one of the tent campsites because of the spacing and lack of trees for shade.
- More Shade everywhere.
- More shade for RV's in campsite.
- More Shade in some of your campsites.
- More shade over the picnic tables.
- More shade, although I realize the park is newer and trees haven't had time to grow in yet.
- More shady sites in the campground would have been nice.
- More sheltered areas from the sun. Especially really scenic areas, guided tours.
- More showers in cabin village.
- More signage.
- More signage of activity areas like in the campground and on map signs.
- More signs in mountain biking area.
- More signs on mountain biking trails.
- More signs to keep horses off mountain bike trails.
- More space between campsites. Especially designate some sites to be tent only, ones that can be driven to and parked at.
- The hard gravel in the RV sites was not great for tents.
- Put distance between the RV and tent sites.
- The family that left their barking dog inside their RV for 6 hours while they left the park to do something nearby severely impacted my group's enjoyment of the park.
- More space for tent camping and farther away from parking and RV's.
- More spacious camping.
- More to do while at the park.
- More trail signs in mountain bike area.
- More trail signs would be great.
- More trails are always nice.
- More trails for hiking only. Horses and bikes can degrade trails and make them very hard to walk.
- More trails.
- More trails.
- More trash and recycling receptacles. Hand dryers in restroom facilities.
- More trash cans on disc golf trail.
- More trash cans, less trees in disc golf fairways.
- More trash cans. Have hosts deliver fire wood.
- More trash facilities and make camping spots more private. Replant native trees and bushes between camp spots.

- More trash receptacles. We had to collect our dog waste bags at the campsite and walk them to the dumpster.
 - Investigate and fix the source of the sewage smells that occasionally waft over the campsite.
 - More trash and recycle. More restrooms.
 - More tree shade at campground.
 - More trees planted.
 - More trees between campsites and for shade from the afternoon sun. Especially in the East loop.
 - More trees between campsites, more bathrooms.
 - More trees for campsites in the middle for shade and windbreak.
 - More trees in campgrounds.
 - More trees in camping area.
 - More trees in camping area. More hiking trails.
 - More trees in the campgrounds.
 - More trees near the camp site.
 - More trees so all sites are shady.
 - More trees and shade for campsites and play equipment.
 - More unpaved less-hilly but shaded bike trails, like bunny slopes for my wife.
 - More user friendly bike paths. Most were made for someone with a higher skill level than I.
 - More vegetation and trees between campsites to provide privacy. Also, not graveling the entire campsite to accommodate the tents and ability to enjoy general natural environment.
 - More viewing and photo opportunities at trail rest areas.
 - More watered, manicured grassy areas for play. More garbage cans.
 - More and better disc golf, more camping.
 - Most sites bake in the sun, more shade would be great.
 - Move disc golf holes.
 - Move the fire pits in the RV spots. They are way too close to the road. Plant fast growing trees and bushes between RV camping sites.
 - Multi-Use trails need some additional upgrades due to water runoff issues. Boomscooter needs gravel extension with turnpikes. Bumping Knots needs some re-directing near the top and a few culverts at the back. Williams Creek needs a few culverts near each end.
 - While park hosts were nice, they were verbally unhappy with people who left at 1:00. Not directly to the people, but I heard them complaining, and when we left at 1:00, they must have driven by us 4 or 5 times to see if we were gone yet. Isn't checkout time 1:00? If you want us out earlier, then I guess, change checkout time, but 1:00 seems to be a reasonable time. We like to stay as long as we can, but always try to be out by 1:00.
- Thanks.

- My only problem was checking in and not having anyone to ask about what to fill out since I already reserved the sight online. I don't feel that it was posted clearly.
- My only suggestion would be possibly a family area and a non-family area. In other words, somewhere us older folks could get away from all the kids for a while. The playground was very noisy a few days.
- I also found the trail map misleading. Many of the trails we tried I would not consider easy for biking.
- My partner and I had a terrible experience due to another creepy guest at the campgrounds. I called and reported the incident.
- My wife and I would appreciate more walking trails. I know you have miles of trails but they seem more appropriate for bicycles. Not that I am complaining, the park is very nice.
- Need more shade in common areas plus campgrounds. Plant shade trees, please.
- Need shade in off-leash dog area.
- Need trash cans in the camping area. It is ridiculous to have to walk 1/2 mile round trip to the trash containers. Need more little trash cans to dispose of pet waste. Pave the trail to trash cans it has lots of roots sticking up that pose liability and danger of tripping on the way to the trash cans. Maybe the bagged trash could be picked up at the campsite at designated time each day so that people don't have to walk 1/2 mile or drive their vehicle each day just to dispose of their trash.
- More trees are needed between sites and in the center section of park some sites are barren.
- Water fountain that works.
- No area with water like a small creek. Maybe some flatter trails for younger children.
- Non-Horse trails had tons of Horse Dung, would be nice to have that more enforced as negatively impacts hiking and running. Signage on trails is confusing unless you know the trails very well, so increasing and improving them.
- Ice vending on site. Recycle bins on site not just main station.
- The septic smell around some of the camps is bad. It drifts at the breeze changes.
- Hope you continue to controls the kids on bikes tearing up the campgrounds by using and creating unauthorized trails. Maybe a MX type track for them nearby to use this energy up, but that might encourage it as well. Who knows. I did see the fencing around the camp on these trails installed. Looks good and a good idea.
- Maybe a few more bathrooms in camp area.
- Only thing is that I don't think the mileage on the signs are correct and sign directions could be clearer.
- Open past October if possible, especially horse and east camp. I would even do park host if needed.
- Parking close to the Banks-Vernonia trail.
- Parking closer to Banks-Vernonia trail.

- Pave the road to the hike-in camp sites to allow an easier entry/exit for hikers carrying all their gear. I won't return until this is done or another solution is found. Also, forewarn hike-in campers of the steep climb and lack of grip.
- Add an extra pit toilet. Eliminate hike-in campsites downwind from pit toilets. We had to move sites due to the smell.
- Pave the trailer sites.
- Pedestrian and bicycle path along the main road in the park.
- Permanent plaques on each disc golf tee stating feet to basket and elevation change.
- Plant a few mature trees in the walk-in site area. Advertise the amenities more, especially the rental and sale of equipment. The disc golf, and the eco-friendly toilets and recycling program.
- Plant more trees between camp sites, Provide ice for purchase.
- Plant more trees in the camping area.
- Plant some larger trees in the East camping loop. It's too barren looking.
- Tell the campground hosts they don't have to patrol the campground loop every 30 minutes in their golf carts.
- Promote stargazing activities more. Offer disc golf lessons.
- Need more accurate information on both hiking and biking trails about difficulty ratings. Your brochure lists trails with a 400 foot elevation gain as difficult. In most hiking books, a 400 foot elevation gain would be considered easy.
- Plant trees (shade) in day use. Too many picnic tables are in the sun.
- Planting trees for shade and privacy would be key for us to come back again. The sites were roomy and beautiful, but way too exposed and hot without the shelter of trees. Also, our young children were attacked by an underground bee's nest while playing in the woods behind our site-which resulted in about 20 stings. The Ranger responded quickly and with compassion, eradicating the nest with a spray.
- Please add multiple horseshoe pits in the center of the East camping area. Shoes can be rented from the Camp Host or admissions office. Have better signs about the leash less dog area.
- Please consider cleaning bathrooms daily.
- Please check activities before handing out calendar or make updates known to campers.
- Please encourage horse riders not to ride on single person (narrow) trails. We encountered 2 horse riders on the top trail. They both were thrown from their horses and the horses returned to the horse corral on their own. A bit scary for all of us. No one was hurt. Best if horses stayed on trails where hikers and horse riders can see each other from a distance.
- Please have doggie bags available.
- Please improve the safety of the disc golf course, including not blocking alternative paths with debris. It makes this a very un-pleasant disc golf to play.
- Please keep showers and restrooms clean.
- Please keep the forest intact forever so that generations to come may enjoy it.

- Please leave it more natural don't commercialize it or add regulations or organized activities, or more buildings. They've done that in Colorado and most other states. Please leave Oregon wild & a place people can go to feel like they are alone, and out in nature. Just let it be a quiet place in the mountains. Not paved trails or organized programs. Just keep trails clear & let people hike in the wild.
- Please make hiking only trails. No bikes. Dangerous, just riders. Difficult to walk dogs.
- Please make it more clear what people should expect for the different camp sites. For example, the RV sites are very open, gravel, not a lot of privacy. The walk-in sites are very shady, lots of trees, there is a 1/4 mile walk to the site but it's hilly, etc. Also would have been nice to know there were carts to take our stuff to our site. We didn't realize this when we arrived.
- Please plan more mountain bike trails, longer trails, more extensive trail system.
- Please plant more trees in the car camping area, they really need to be separated. It's like camping in a parking lot, especially with the gravel.
- Please provide just a few trash cans. Thank you.
- Please provide more trash and recycling receptacles. Please put soap in the bathrooms.
- Please put more space between campsites in the hike-in camping area. Lack of space between sites is one of the main reasons I would hesitate to return to Stub Stewart. I would also love it if sites 1-9 could be reserved online. Also, please add at least one other fire ring in the hike-in spots, another water source, and access to electricity for recharging devices.
- Please redo the trail map and in park signs to be more clear. We have come 4 years in a row, and still cannot seem to follow the right trail, even with a map and the signs. It makes me feel like we are missing some cool parts of the park.
- Poison oak warnings when necessary. More trailhead markers and signs on mountain bike trails.
- Post signs about trail etiquette like who has the right of way among bikers, hikers, equestrians.
- If park could stay open longer into the season that would be nice.
- More disc golf holes. Back 9 didn't have maps or hole position indicator. Thank you.
- Privacy fencing between cabins. Remove human trails close to cabins. Discourage children from playing on the grounds of other people's cabins. Thank you.
- Protect it as a biking destination first and foremost. Maintain clean facilities.
- Provide a destination hike to the highest point in the park. Make the payment system paperless. No envelopes.
- Provide a paved path from the campgrounds to the banks Vernonia bike trail.
- Provide easier access to paved bike trails that don't involve biking or walking on the main entry road or on a single-track gravel or dirt path. Not easy for kids to gain access to the bike trails.
- Provide more than one restroom per area.

- Provide signage at Banks-Vernonia trail crossing to direct folks to the welcome center. We didn't know which direction it was, or even that we were specifically at the park entrance.
- Put black dark covers on the pop machines. Those bright water falls are light pollution.
- Put in another disc golf course and have lots of tournaments.
- Put some general parking spots down where the Log Flume trail and the Hollie's Point of View trail is. Instead, there are like 3 wheelchair accessible spots and an unloading spot. I asked a ranger where I was supposed to park to hike those trails with my wife and 3 year old kid and she told me that the only spot I could park was the Hilltop Day use area. She was rude.
- Put trash cans inside park.
- Ran into a couple closed trails with no signs explaining where by pass trail was going.
- Ranger patrols of every 15 minutes were a little too often and noisy.
- Although they were very different. One possible improvement would be adding some lighting on trail to hike in sites.
- Let the trees at the camp sites grow and provide more shade and privacy.
- Recycle bins on disc golf course.
- Recycle and trash.
- Recycling was a bit of a mess by the time we left on Sunday. Lots of beer bottles overflowing the bins.
- The showers' hot water only lasts like a minute.
- Relax the dog on leash at all times rule for the horse riders. I like to take my dog with me when riding to alert me to dangers and it is hard to hang on to a dog on a leash and ride a horse.
- Sell ice. It was annoying to have to drive six miles away to get ice every day. Many campers need ice daily, how hard and expensive could it possibly be to provide an ice box up at the ranger's station.
- Send a crew down the trails twice a day to scoop the horse manure off the trails.
- Separation of bike trail & walking. It's like being in traffic.
- Shade.
- Shaded picnic areas for day trippers.
- Shower stalls that drain and a bigger bathroom in the tent area. You seriously have a one-holer in the area where people are in the most need of a bathroom. There were people constantly standing in line.
- Request that Ranger take a class in people skills.
- Showers are particularly in need of updating and more importantly, regularly cleaning.
- Showers at campsites do not drain well. Lots of standing water from previous showers.
- The dog waste bin near the bathrooms were overflowing the entire time we were there and never emptied.
- Signage on the horse trails could be improved to what is reflected on the map.

- Signs. Specifically disc golf hole maps telling people where the hole is. This would be very helpful for me because it would reduce the amount of time spent looking for the hole, and throwing at the wrong holes as well.
- Since it is so close to Portland, make it easier for people to visit you, such as allowing day parking in camping spaces during the day, because they got a ticket.
- Clean the bathrooms which were not cleaned in the 3 days and 2 nights we were there. Although the toilet paper was refilled.
- Don't watch someone put up a tent in softer ground in an RV spot and then when they leave give them a ticket because they put their tent in the wrong place. Don't post rules all over the place, with the last rule being "comply with all rules". We got the point that you are serious about rules.
- Don't make people wait at the registration desk until they get the all clear before they are allowed to go set up in their campsite that they paid for months ago and express registered for several days before they got there.
- Provide more rentals such as disk golf or bike riding. Install a hand washing area in the recycle and garbage area.
- Small convenience store with basic needs, ice, snacks, etc.
- Snack machine, BBQ pits.
- Snack shops. More BBQ pits.
- Snacks and water at guest services. Wi-Fi areas.
- Some kind of access to dairy creek. Park needs creek, lake, water feature.
- Space hike-in sites farther apart and add more fire rings to those sites.
- Stop renting walk-in tent sites 18 and 19. There is no shade, and they are terrible places to camp. Wait 20 years until the trees have grown, so there is some shade. I really had terrible experience camping at this park.
- Stop the constant flow of traffic through the camp sites. Reduce the number of ranger patrols. Increase "friendliness" of rangers. I was verbally reprimanded when the trail I was on led me to the visitor center. I was on horseback and a nasty ranger didn't want to help me with directions. She said, "I suggest you turn around and go back the way you came. When you get back on a trail, get your map out and orient yourself." I will never come back to this park nor will I recommend it to anyone.
- Stop the rangers from coming around at 10 pm and telling people to be quiet, exactly at 10. Maybe around 11 pm more appropriate since it didn't get dark until 10.
- Bathrooms were gross and dirty. Showers were even worse. There was stuff stuck on the walls. Bathrooms need a large garbage receptacle. We ended up using the shower in the RV. Bathrooms at Beverly beach and Devils Lake are spotless, so I know it is possible. This would be the one reason we won't return. Please fix these issues.
- I wish the gravel in the campsites was not there. Would like to see more natural dirt with gravel just for the RV sites but not for the fire pit and picnic table. In the Summer, there is no shade at all. I know it is easier to maintain but not very people friendly. Everything is great but just need more natural space in the campground. The vegetation in between the sites is finally growing which gives some privacy but could use more.

- During the sunset guided walk, the ranger did not keep the pace sufficiently fast to allow us to view the sunset from the day use area. In fact, we were in deep shadow at that time so missed it entirely. There were kids along on the walk, but she might have picked up the pace anyway.
- Tell the trees in the drive-up tent campsites to grow faster.
- Tent sites way too crowded not enough trees bushes in between.
- The 5 dollar fee for all day visitor is way off. I'm a senior, and cannot use trails, etc. Had a stroke, etc. Sit at a picnic table for fresh air, etc. for perhaps 30 minutes. That's not worth 5 dollars. But I do love Stub Stewart.
- The bathroom doors kept slamming late into the night near our site #31 or #32 (I think). The sound of the doors slamming each time someone would go in or out would wake me up. It sounded like car doors slamming, but then I realized it was the doors on the restrooms. It would be nice to find a way to quiet those doors. Otherwise we enjoyed our stay very much.
- The cabins were fun. We did scope out some of the spaces for tent camping, which we would also like to try there, but they did not seem to be as welcoming or have as much vegetation as the cabins.
- The cabins were very comfortable, but too close together and too close to the parking lot and bathroom. They seemed ideal for a group camping experience, but not individual families (especially given the overall size of the park). Also, the hike-in tent sites were fantastic, but we would not choose to camp at the drive-in campsites (again, too close together). Any further camp development should really look at privacy preferences of park users.
- The camp host was not friendly and called the rangers on us because a 4 year old in our group left the campsite on his bike without a helmet. Getting a reminder would be called for in this situation. The manner in which the camp host dealt with it was ridiculous. The ranger handled it well, however.
- The campsites did not have enough trees and natural barriers between sites. We stayed in a cabin but usually stay in a tent. I would not have enjoyed a site in my tent.
- The check in people had no idea the OVMA was camping there. We had an OVMA member who left because he was told the OVMA wasn't camping there. The group reservations were all listed under one name. Individual people couldn't register until the main group member got there. I made my own reservation, under my own name and was let in very quickly. The group reservation idea needs to be re worked. It is broke.
- The larger cabins should state they hold 8.
- The lower loop could use a playground as well.
- The only suggestion I have, which I know would be hard to change, is the cabins were fairly close together making it hard to be private from the rest of the park users.
- The park hosts need to be personable and adaptable to all types of groups. We were made to feel unwelcome and were blamed for actions that we did not make. I will be sharing this story with everyone that I know and posting it on social media so that people are made aware of this situation. My group reserved 10 campsites and spent an average

of \$50 for each site. I find it unacceptable that we should be treated to blame, snide comments, and character bashing by volunteer park hosts.

- The park needs trash and recycling cans throughout the camping areas not just at the loop entrance.
- The parking for the cabins is very tight. We did not have room in our reserved spot for our truck which is disappointing considering how much space was available to utilize for parking.
- It would be nice to have play equipment for the kids in this area and maybe some horseshoes or volleyball for the teens and adults. The disc golf was fun but not very well suited for kids and novices. The day use was never being used when we were there so this would be a good location for a short, open course.
- The parking space is a bit of strange at cabin area. Some cabins' BBQ areas are distributed not even. My neighbors were eating right next to our cabin, but we were eating farther than they were.
- The main things I would like to see changed are to create some sort of privacy in the camping areas and require horse owners to clean their horse's waste from trails.
- The tent campsites need more privacy. I guess it's because it's new that's why it's less private.
- The volunteer at our camp was very rude and aggressive. You have this input from other members of our group as well.
- There was only one cabin at Stub Stewart that allowed dogs and we booked it. However, when we got there, we found that at least 3 other cabins had dogs staying there. What's the point of following these rules, if they are not enforced. I like dogs so didn't have a problem with more dogs but we did adhere to the requirements and others did not. Next time, I might bring my dog and stay at any cabin if it doesn't seem to matter to camp personnel.
- This is hard to fix, but on a sunny day the west campground tent sites have no trees for shade.
- This most recent trip we were unable to locate a cart to take our stuff to our camping spot.
- This year it was decided that the weeds were not going to be kept back in or near the campsites. I strongly feel in the future this need to be kept cut short for many reasons, thorns, bees, bugs etc. There was a lot of little blackberry type things growing close and my dogs got bloodied by them. Please keep those trimmed in the future.
- Too many dogs barking, very annoying, reduces the ambiance, causes stress, and makes for a very annoying time.
- All trails should remain dirt, don't like the amount of gravel used in some places.
- Having more shade trees strategically placed at all campsites can be a big plus.
- Too many rules regarding horses in the horse camp area; no horses on the grass, no horses on the roads, and tents only on the gravel. We were very careful to follow all the rules, but it seemed like there was always another rule that we had to follow.

- Have different trails for bikers and horses. Most bikers do not understand the danger of riding up on a horse. They don't yield to horses as they should.
- Trash cans at day use area.
- Trail signage with trail names and maps along the way.
- Trail through trees in center of camping loop is spooky. Add lights. Add prominent signs to park from Sunset Highway. Add prominent signs within park to bathrooms and showers.
- Add another bathroom to camping loop so both rows have their own.
- Add animal proof trash cans outside bathrooms.
- Add prominent signs along Banks-Vernonia bike trail for safety. Slow down when approaching others every time; walk bike single file on the right every time others approach, pull completely off path to right before stopping, call out "On your left" before passing every group, to stop on trestle stay far right single file in spot most visible to others approaching.
- Trash cans and recycling.
- Trash cans at hilltop area.
- Trash and recycling on disc golf course. Longer tee pads. Thin out trees on fairways, make a fairway.
- Trim branches in RV sites that scrape the top or sides of your vehicle. No one wants to damage their paint or roof when backing into a site. Some of the trees are encroaching on the pad area. It is even dangerous to people walking around to hook up their utilities.
- Two of the three car drivers in our party, driving west from Portland, felt uncertain about whether they were on the right road to Stub Stewart. More signs would be good.
- Walk in campground was loud and spaces were too close together.
- Water. Lake. Swimming pool.
- Water fountain at hole #9 of the disk golf course.
- Water options like fountains or bottled water. Add a snack shack or small general store.
- Our only thought is that our pet friendly cabin (#8) had a perfect location at the end of the row of cabins but the campfire area was very small. We had 5 people and 2 dogs and we were unable to all sit around the fire because there was not enough room for our chairs. The picnic table is also in the same area but it's not comfortable to relax at the table for campfire talks and cooking. If you could expand the area around the campfire another 2-3 feet then it would fit a family and pets a lot better.
- When I checked in the person checking me in was not very friendly. I was really excited to be there and when the transaction was done I told him thank you have a good night and got no response. Just not a very welcoming experience. But there were some very friendly park employees as well.
- Although the rangers and other employees were very friendly I felt like I was being watched most of the time as the rangers are constantly rolling through the campground. I have never been to a park that felt so overly policed.

- We were there to see the meteor shower and the bathroom doors kept being left open at night making it very irritating to watch the sky with the very bright lights of the bathroom in your view.
- It would be absolutely fantastic if the park could get Wi-Fi for the park.
- We were tent camping in an RV spot, simply so we could blow up our son's air mattress. Unfortunately, our outlet did not work and my husband had to carry the mattress to another site to get power.
- We had great difficulty locating the small disc golf area.
- We had some neighbors who were loud late at night, and didn't seem aware of common camping courtesy, and appeared to have too many people at their campsite. They were using campsites on either side of us. Some of this was cultural and they may not have known better. Either education or bigger camp sites would have alleviated this.
- Would like to have the grass behind and beside our campsites cut though.
- We have little kids who want to ride trails. It would be ideal to have mountain bike and play area close to parking and would be amazing.
- We have solar on trailer so like sites without too many trees. For variety, have some sites with picnic table cover and few trees. Do less mowing, more wild flowers around camp sites, natural look, less maintenance.
- More bees and stronger wind storm in Aug. Probably not come back in Aug but certainly in July. Thanks.
- I was not impressed with a few of the park representatives, specifically when a ranger could have simply approached us in person to inform us of the policy and proper process to pay for additional vehicle parking rather than just taking the time to write a warning and placing it on the vehicle in front of us while we stood there.
- We love your park and would love to visit in the future but would suggest that your representatives receive a reminder that they are there to leave a positive, lasting impression on all visitors, not the exact opposite. A park representative informed my family, with two small children on tiny bikes, that we were going the wrong way on a one way in the campground loop and actually insisted that we turn around and run and bike according to traffic.
- All the evening Ranger programs were cancelled during our visit and the visitor center was not open. We stayed Sunday through Wednesday and nothing seemed to be happening until Friday and Saturday. Loved the trails, but feel the kids really missed out on the history of the area and the ranger led programs we have attended at other parks.
- We were disappointed to find that our campsite (77) had no shade. I realize that the shade trees will grow with time, but I would have preferred to have information regarding this important aspect of that campsite when I was reserving.
- We were in East Loop. It would have been nice if lawn had been watered. The volunteer explained that the water was limited.
- We were disappointed to find that there was a loud group just behind our campsite who had apparently been consuming adult beverages throughout the evening, and they disrupted us getting our family to sleep. Since we were so far from the road, and we

didn't know them at all, much less how they would act when drunk, we didn't dare go ask them to quiet down. But the rangers were long gone by then. So my main comment is to ask for more quiet hour enforcement. I wonder if some people pick the more remote walk in area to party because they don't expect anyone to check up on them.

- We were unsure about the check in process when we got there. No one at the window, and not sure if we were supposed to get a parking pass. We figured it out when we talked to the host except for the parking pass piece.
- We would welcome internet at campsites or Welcome Center.
- We don't need ice but many do. Paved access to the VB trail other than the road would be great.
- We're interested in disc golf course.
- When the trees get more mature and there is more shade it will be an improvement.
- When the volunteer is mowing, he needs to stop and close the doors of the showers first. I got a shower that had a lot of grass blown in at the Dairy Creek West campground.
- Silent motor vehicles, or electric ranger and volunteer carts would greatly add to the peace and serenity I go camping for. The ones presently in use are noisy and disrupt the peace and quiet. Silent, electric golf carts and electric plug in's for cars are needed.
Thank you.
- Wi fi would be great.
- Wi-Fi, sell disk golf supplies and spare bike tubes at the store, have the soda machine's lights on a timer because they were blinding at night.
- Wish the cabins were more private.
- Would be nice to have some kind of swimming hole.
- The volunteers and workers at the Visitor Center could be more nice and friendly.
- Would be very useful to have warnings for bee and hornet and yellow jackets, especially on disc golf course and hiking trails.
- Would like more shade trees in center area of Dairy East Campground.
- You already paved the full trail which is excellent. I was somewhat surprised that there were zero trash cans to be found at the picnic area. I understand why but they definitely would have been useful for my purposes.
- Was disappointed that I was informed on my return by bike to Banks that overnight parking is not allowed at that trailhead.
- I like the idea of limiting the number of people and having more tenting sites away from the RVs.
- Having a food stand or small store to purchase necessary items and open it at certain hours. That would be a great help.
- You could do more to kill the ground bees on the trails.
- Maybe a larger garbage can in the women's restroom, and please enforce the ten pm quiet time.
- Your campsites need more trees, but I'm hoping that is just a matter of time.
- Your maps are not as accurate as they could be.

APPENDIX B: QUESTIONNAIRES

**Day Visitor Experiences and Perceptions
at L.L. Stub Stewart State Park**



Please Complete this Survey and Return it as Soon as Possible

Participation is Voluntary and Responses are Anonymous

Thank You for Your Participation

A Study Conducted by:



Nature
HISTORY
Discovery

We are conducting this survey to learn about your experiences at L.L. Stub Stewart State Park. Your input is important and will assist managers improve your experiences at this park. **Once you have completed this survey, please return it as soon as possible.**

1. Before this trip, had you ever visited L.L. Stub Stewart State Park? (**check ONE**)
 - No
 - Yes → if yes, how many day trips have you made to this park in the past 12 months? (**write number**) _____ trip(s)

2. How many hours did you spend at L.L. Stub Stewart State Park on this trip? (**write number**) _____ hour(s)

3. Please check **all** recreation activities you did at L.L. Stub Stewart State Park on this trip. (**check ALL THAT APPLY**)

<input type="checkbox"/> A. Hiking or walking	<input type="checkbox"/> F. Mountain biking	<input type="checkbox"/> K. Picnicking or barbecuing
<input type="checkbox"/> B. Dog walking	<input type="checkbox"/> G. Horseback riding	<input type="checkbox"/> L. Bird or wildlife watching
<input type="checkbox"/> C. Running or jogging	<input type="checkbox"/> H. Outdoor photography	<input type="checkbox"/> M. Exercise dog at off-leash area
<input type="checkbox"/> D. Bicycling on local roads	<input type="checkbox"/> I. Disc golf	<input type="checkbox"/> N. Ranger-led program(s)
<input type="checkbox"/> E. Bicycling on paved trails	<input type="checkbox"/> J. Sightseeing	<input type="checkbox"/> O. Other (write response) _____

4. From activities in Question 3 above, what **ONE primary activity** did you do at L.L. Stub Stewart State Park on this trip? (**write a letter that matches your response**)
 Letter for primary activity _____

5. Which of the following best describes the purpose of your trip? (**check ONE**)
 - Primarily for recreation – this park was my main destination
 - Primarily for recreation – my main destination was NOT this park
 - Primarily for business, family, or other reasons – this park was a side trip
 - Some other reason

6. About how far from your home did you travel to get to this park? (**write number of miles**) _____ mile(s)

7. Overall, how dissatisfied or satisfied were you with your **overall experience** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

8. How dissatisfied or satisfied were you with the **natural environment** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

9. How dissatisfied or satisfied were you with the **facilities / services** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

10. How dissatisfied or satisfied were you with the **fee that you paid** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

11. How unlikely or likely are you to return to L.L. Stub Stewart State Park in the future? (**check ONE**)
 - Very Unlikely Unlikely Neither Likely Very Likely

12. How **important** is it to you that each of the following is at L.L. Stub Stewart State Park? (**circle one number for EACH**)

	Not Important		Neither		Extremely Important
Overall cleanliness of park (e.g., graffiti, lawn care).	1	2	3	4	5
Number of toilets / bathrooms.	1	2	3	4	5
Cleanliness / conditions of toilets / bathrooms.	1	2	3	4	5
Absence of litter.	1	2	3	4	5
Presence of park rangers / personnel.	1	2	3	4	5
Courteousness of park rangers / personnel.	1	2	3	4	5
Number of park trails.	1	2	3	4	5
Condition / maintenance of park trails.	1	2	3	4	5
Ease of movement or access (e.g., wheelchair, elderly, baby stroller).	1	2	3	4	5
Facilities for groups to gather.	1	2	3	4	5
Variety of things to do.	1	2	3	4	5
Opportunities to escape crowds of people.	1	2	3	4	5
Personal safety.	1	2	3	4	5
Number of information / education programs or materials.	1	2	3	4	5
Quality of information / education programs or materials.	1	2	3	4	5
Information specifically about conditions or hazards in the park.	1	2	3	4	5
Signs about directions within the park.	1	2	3	4	5
Signs about directions to the park.	1	2	3	4	5
Parking for vehicles.	1	2	3	4	5
Good value for the rates that I paid at the park.	1	2	3	4	5

13. Now, how **dissatisfied or satisfied** were you with the following at L.L. Stub Stewart State Park? (**circle a number for EACH**)

	Very Dissatisfied	Dissatisfied	Neither	Satisfied	Very Satisfied
Overall cleanliness of park (e.g., graffiti, lawn care).	1	2	3	4	5
Number of toilets / bathrooms.	1	2	3	4	5
Cleanliness / conditions of toilets / bathrooms.	1	2	3	4	5
Absence of litter.	1	2	3	4	5
Presence of park rangers / personnel.	1	2	3	4	5
Courteousness of park rangers / personnel.	1	2	3	4	5
Number of park trails.	1	2	3	4	5
Condition / maintenance of park trails.	1	2	3	4	5
Ease of movement or access (e.g., wheelchair, elderly, stroller).	1	2	3	4	5
Facilities for groups to gather.	1	2	3	4	5
Variety of things to do.	1	2	3	4	5
Opportunities to escape crowds of people.	1	2	3	4	5
Personal safety.	1	2	3	4	5
Number of information / education programs or materials.	1	2	3	4	5
Quality of information / education programs or materials.	1	2	3	4	5
Information specifically about conditions or hazards in the park.	1	2	3	4	5
Signs about directions within the park.	1	2	3	4	5
Signs about directions to the park.	1	2	3	4	5
Parking for vehicles.	1	2	3	4	5
Good value for the rates that I paid at the park.	1	2	3	4	5

14. To what extent do you **oppose or support** each of the following possible management actions at L.L. Stub Stewart State Park? **(circle one number for EACH)**

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Provide more opportunities for escaping crowds of people.	1	2	3	4	5
Provide more opportunities for viewing wildlife.	1	2	3	4	5
Food for sale (restaurants, snack shops, etc.)	1	2	3	4	5
Provide more group picnic areas.	1	2	3	4	5
Provide more opportunities for hiking.	1	2	3	4	5
Provide more paved trails.	1	2	3	4	5
Provide more trash cans.	1	2	3	4	5
Provide more recycling containers.	1	2	3	4	5
Provide more information / education about nature, history, or archeology.	1	2	3	4	5
Provide more programs led by park rangers.	1	2	3	4	5
Provide wireless internet access within the park.	1	2	3	4	5
Provide downloadable mobile phone applications.	1	2	3	4	5
Provide more enclosed shelters.	1	2	3	4	5
Improve maintenance or upkeep of facilities / services.	1	2	3	4	5
Require all dogs be kept on leash at all times.	1	2	3	4	5
Make the park more pet friendly.	1	2	3	4	5
Provide natural buffers to block views of development outside the park.	1	2	3	4	5
Restore it to historical conditions (e.g., replace non-native with native plants)	1	2	3	4	5
Limit the number of people allowed per day.	1	2	3	4	5
Limit the number of large groups allowed (e.g., no more than 10-20 people).	1	2	3	4	5
Close this park to all recreation / tourism activities.	1	2	3	4	5
Do not change anything / keep things as they are now.	1	2	3	4	5

As agency budgets for management of this park decrease over time, we may be faced with difficult decisions related to service reductions. Before making any changes, however, we feel that it is important to know what changes would be supported or opposed by current visitors. As a result, the following questions list various hypothetical changes that managers could make in the future. Please indicate your level of opposition or support to these possible changes.

15. To what extent would you **oppose or support** each of the following possible service reductions at L.L. Stub Stewart State Park?

(circle one number for EACH)

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Fewer hours open.	1	2	3	4	5
Fewer ranger patrols.	1	2	3	4	5
Fewer ranger-led programs.	1	2	3	4	5
Scaled down facilities (e.g., fewer restrooms, picnic shelters).	1	2	3	4	5
Reduced janitorial services.	1	2	3	4	5
Reduced ground maintenance (e.g., mowing, landscaping).	1	2	3	4	5

16. Would you be interested in volunteering at L.L. Stub Stewart State Park? **(check ONE)**

- Yes
- No

17. To what extent did you feel crowded at L.L. Stub Stewart State Park on this trip? (**circle a number**)

1	2	3	4	5	6	7	8	9
Not at all Crowded		Slightly Crowded		Moderately Crowded		Extremely Crowded		

18. **Including yourself**, how many people accompanied you at L.L. Stub Stewart State Park on this trip? _____ person(s)

19. Did you or anyone in your group bring dog(s) with you to L.L. Stub Stewart State Park? (**check ONE**) No Yes

20. Did anyone in your group have a disability?

- No
 Yes → if yes, what are these disabilities? (**check ALL THAT APPLY**) Hearing Sight Walking
 Learning Other _____

21. When you were thinking about visiting an Oregon State Park such as L.L. Stub Stewart State Park, about how often did you obtain information from each of the following sources when making your decision? (**circle one number for EACH**)

	Never	Sometimes	Often		
A. Official internet websites (e.g., Oregon State Parks, Travel Oregon).	1	2	3	4	5
B. Social media internet websites (e.g., Facebook, Twitter).	1	2	3	4	5
C. Brochures.	1	2	3	4	5
D. Newspapers.	1	2	3	4	5
E. Magazines.	1	2	3	4	5
F. Books.	1	2	3	4	5
G. Television.	1	2	3	4	5
H. Videos / DVDs.	1	2	3	4	5
I. Radio.	1	2	3	4	5
J. Community organization or church.	1	2	3	4	5
K. Health care providers.	1	2	3	4	5
L. Work.	1	2	3	4	5
M. Friends or family members.	1	2	3	4	5
N. Highway signs.	1	2	3	4	5
O. Previous visit.	1	2	3	4	5
P. Other (write response) _____	1	2	3	4	5

22. From the list of sources in question 21 above, which **ONE** would you use **FIRST** when obtaining information about an Oregon State Park? (**write letter**)

Letter _____

23. When planning your visit to L.L. Stub Stewart State Park, were you able to find the information you needed? (**check ONE**)

- Yes
 No → if no, what additional information did you need? (**write response**) _____

24. How did you get to L.L. Stub Stewart State Park on this trip? (**check ONE**)

- My family's personal vehicle → how many total people were in the vehicle? _____ person(s)
- Somebody else's personal vehicle → how many total people were in the vehicle? _____ person(s)
- Other (write response) _____ → how many total people were in the vehicle? _____ person(s)

25. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what would you have done? (**check ONE**)

- Gone somewhere else for the same activity → how far from home is the place you would go instead? _____ miles(s)
- Gone somewhere else for a different activity → how far from home is the place you would go instead? _____ miles(s)
- Come back another time
- Stayed home
- Gone to work at my regular job
- Something else (none of these)

26. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what other park(s) would you have considered going to instead? (**list park names**)

27. Would you recommend a L.L. Stub Stewart State Park visit to friends or family members? (**check ONE**)

- Yes
- No → if no, why not? (**write response**) _____

28. What do you feel are the most outstanding features or things to do at L.L. Stub Stewart State Park? (write response)

29. If Oregon State Parks offered weekend programs for beginners to learn basic outdoor skills, would you/your family consider participating in such a program at a nearby park?

- No
- Yes → if yes, what types of activities would you/your family be interested in learning about? (**check ALL THAT APPLY**)
 - Birding Disc golfing Hiking Mountain biking Scenic bicycling on roads
 - Camping Fishing Horseback riding Rafting Stargazing
 - Canoeing Geocaching Kayaking Rock climbing Other _____

30. During your visit to this park, did you or members of your personal group use a concession service/activity such as a guided trip/tour (e.g., fishing, rafting, bicycling, scenic, historic) or equipment rental (e.g., kayak, bicycle)?

- No
- Yes → if yes, what type of concession service/activity (write in response) _____

31. On a future visit to L.L. Stub Stewart State Park, what subjects would you be interested in learning about? (**check all that apply**)

- Railroad history
- Logging history
- Park history
- Leave no trace – outdoor ethics
- Flora/ fauna (plant/animal ID, tracking)
- Wildflower viewing
- Birding
- Edible plants
- Geology
- Astronomy/ stargazing
- Hydrology (watersheds/ streams)
- Other (write response) _____

32. Did you participate in any moderate physical activity during this trip (for example walking, bicycling, canoeing at a moderate pace)? (**check ONE**)

- No
- Yes → if yes, how much time did you spend in moderate physical activity for this trip? _____ minutes

33. Did you participate in any vigorous physical activity during this trip (for example jogging, walking, or bicycling at a vigorous pace, breaking a sweat, heart beating rapidly)? (**check ONE**)

- No
- Yes → if yes, how much time did you spend in vigorous physical activity for this trip? _____ minutes

34. Is your level of physical activity at L.L. Stub Stewart State Park more than, less than, or about the same as your level of physical activity in your day-to-day life? (**check ONE**)

- My physical activity is MORE at L.L. Stub Stewart State Park than my daily life.
- My physical activity is LESS at L.L. Stub Stewart State Park than in my daily life.
- My physical activity is ABOUT THE SAME at L.L. Stub Stewart State Park as it is in my daily life.

35. To what degree did this L.L. Stub Stewart State Park visit result in the following health benefits for you? (**circle one number for EACH**)

	Not at all			A great deal	
A. Reducing your stress.	1	2	3	4	5
B. Improving your level of physical fitness.	1	2	3	4	5
C. Improving your physical health.	1	2	3	4	5
D. Improving your mental health.	1	2	3	4	5
E. Reducing your anxiety.	1	2	3	4	5

36. For each of the following categories, please estimate how much you and other members of your party spent and plan to spend on this trip both inside the Park and within **30 miles** of L.L. Stub Stewart State Park. **Please round off to the nearest dollar.**

- Motel, lodge, cabin, B&B, other lodging: \$ _____ .00
- Camping: \$ _____ .00
- Restaurants and bars: \$ _____ .00
- Groceries: \$ _____ .00
- Gasoline and oil: \$ _____ .00
- Park entry, parking, or recreation use fees: \$ _____ .00
- Recreation and equipment (guide fees, equipment rental): \$ _____ .00
- Souvenirs, clothing, and other miscellaneous: \$ _____ .00

37. Are you staying away from home either inside the Park or within 30 miles of L.L. Stub Stewart State Park on this trip? **(check ONE)**

No

Yes → if yes, how many nights are you staying away from home inside the Park or within 30 miles of this Park?
 _____ night(s)

38. Considering the amount that you spent on this trip, how much more would you have spent on this trip before deciding not to take it? \$ _____

39. Are you: **(check ONE)** Male Female

40. How old are you? **(write response)** _____ years old

41. Which of the following best describes you? **(check ONE)**

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> White (Caucasian) | <input type="checkbox"/> Hispanic / Latino | <input type="checkbox"/> American Indian or Alaskan Native | <input type="checkbox"/> Other (write response) |
| <input type="checkbox"/> Black / African American | <input type="checkbox"/> Asian | <input type="checkbox"/> Native Hawaiian or Pacific Islander | _____ |

42. What language is spoken most often at your home? **(check ONE)**

- English Spanish Russian Other (write response) _____

43. Where do you live? **(write responses)** City / town _____ State _____ Country _____ Zipcode _____

44. Which of these broad categories best describes your *current annual household income before taxes*? **(check ONE)**

- | | |
|---|---|
| <input type="checkbox"/> Less than \$10,000 | <input type="checkbox"/> \$90,000 to \$109,999 |
| <input type="checkbox"/> \$10,000 to \$29,999 | <input type="checkbox"/> \$110,000 to \$129,999 |
| <input type="checkbox"/> \$30,000 to \$49,999 | <input type="checkbox"/> \$130,000 to \$149,999 |
| <input type="checkbox"/> \$50,000 to \$69,999 | <input type="checkbox"/> \$150,000 to \$169,999 |
| <input type="checkbox"/> \$70,000 to \$89,999 | <input type="checkbox"/> \$170,000 or more |

Please tell us how we can improve L.L. Stub Stewart State Park:

Thank you, your input is important! ***Please return this survey as soon as possible.***

Overnight Visitor Experiences and Perceptions at L.L. Stub Stewart State Park



Please Complete this Survey and Return it as Soon as Possible

Participation is Voluntary and Responses are Anonymous

Thank You for Your Participation

A Study Conducted by:



Nature
HISTORY
Discovery

We are conducting this survey to learn about your experiences at L.L. Stub Stewart State Park. Your input is important and will assist managers improve your experiences at this park. **Once you complete this survey, please return it as soon as possible.**

1. Before this trip, had you ever visited L.L. Stub Stewart State Park? (**check ONE**)
 - No
 - Yes → if yes, how many trips have you made to this park in the past 12 months? (**write number**) _____ trip(s)

2. How many nights in a row did you spend at L.L. Stub Stewart State Park on this trip? (**write number**) _____ night(s)

3. Please check **all** recreation activities you did at L.L. Stub Stewart State Park on this trip. (**check ALL THAT APPLY**)

<input type="checkbox"/> A. Hiking or walking	<input type="checkbox"/> G. Horseback riding	<input type="checkbox"/> M. Bird or wildlife watching
<input type="checkbox"/> B. Dog walking	<input type="checkbox"/> H. Outdoor photography	<input type="checkbox"/> N. Exercise dog at off-leash area
<input type="checkbox"/> C. Running or jogging	<input type="checkbox"/> I. Disc golf	<input type="checkbox"/> O. Ranger-led program(s)
<input type="checkbox"/> D. Bicycling on local roads	<input type="checkbox"/> J. Sightseeing	<input type="checkbox"/> P. Other (write response) _____
<input type="checkbox"/> E. Bicycling on paved trails	<input type="checkbox"/> K. Camping	_____
<input type="checkbox"/> F. Mountain biking	<input type="checkbox"/> L. Picnicking or barbecuing	

4. From activities in Question 3 above, what **ONE primary activity** did you do at L.L. Stub Stewart State Park on this trip? (**write a letter that matches your response**)
Letter for primary activity _____

5. Which of the following best describes the purpose of your trip? (**check ONE**)
 - Primarily for recreation – this park was my main destination
 - Primarily for recreation – my main destination was NOT this park
 - Primarily for business, family, or other reasons – this park was a side trip
 - Some other reason

6. About how far from your home did you travel to get to this park? (**write number of miles**) _____ mile(s)

7. Overall, how dissatisfied or satisfied were you with your **overall experience** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

8. How dissatisfied or satisfied were you with the **natural environment** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

9. How dissatisfied or satisfied were you with the **facilities / services** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

10. How dissatisfied or satisfied were you with the **rates that you paid** at L.L. Stub Stewart State Park? (**check ONE**)
 - Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied

11. How unlikely or likely are you to return to L.L. Stub Stewart State Park in the future? (**check ONE**)
 - Very Unlikely Unlikely Neither Likely Very Likely

12. How **important** is it to you that each of the following is at L.L. Stub Stewart State Park? (**circle one number for EACH**)

	Not Important		Neither		Extremely Important
Overall cleanliness of park (e.g., graffiti, lawn care).	1	2	3	4	5
Number of toilets / bathrooms.	1	2	3	4	5
Cleanliness / conditions of toilets / bathrooms.	1	2	3	4	5
Absence of litter.	1	2	3	4	5
Presence of park rangers / personnel.	1	2	3	4	5
Courteousness of park rangers / personnel.	1	2	3	4	5
Number of park trails.	1	2	3	4	5
Condition / maintenance of park trails.	1	2	3	4	5
Ease of movement or access (e.g., wheelchair, elderly, baby stroller).	1	2	3	4	5
Facilities for groups to gather.	1	2	3	4	5
Variety of things to do.	1	2	3	4	5
Opportunities to escape crowds of people.	1	2	3	4	5
Personal safety.	1	2	3	4	5
Number of information / education programs or materials.	1	2	3	4	5
Quality of information / education programs or materials.	1	2	3	4	5
Information specifically about conditions or hazards in the park.	1	2	3	4	5
Signs about directions within the park.	1	2	3	4	5
Signs about directions to the park.	1	2	3	4	5
Parking for vehicles.	1	2	3	4	5
Comfort of campsites.	1	2	3	4	5
Shading provided by trees or other structures.	1	2	3	4	5
Good value for the rates that I paid at the park.	1	2	3	4	5

13. Now, how **dissatisfied or satisfied** were you with the following at L.L. Stub Stewart State Park? (**circle a number for EACH**)

	Very Dissatisfied	Dissatisfied	Neither	Satisfied	Very Satisfied
Overall cleanliness of park (e.g., graffiti, lawn care).	1	2	3	4	5
Number of toilets / bathrooms.	1	2	3	4	5
Cleanliness / conditions of toilets / bathrooms.	1	2	3	4	5
Absence of litter.	1	2	3	4	5
Presence of park rangers / personnel.	1	2	3	4	5
Courteousness of park rangers / personnel.	1	2	3	4	5
Number of park trails.	1	2	3	4	5
Condition / maintenance of park trails.	1	2	3	4	5
Ease of movement or access (e.g., wheelchair, elderly, stroller).	1	2	3	4	5
Facilities for groups to gather.	1	2	3	4	5
Variety of things to do.	1	2	3	4	5
Opportunities to escape crowds of people.	1	2	3	4	5
Personal safety.	1	2	3	4	5
Number of information / education programs or materials.	1	2	3	4	5
Quality of information / education programs or materials.	1	2	3	4	5
Information specifically about conditions or hazards in the park.	1	2	3	4	5
Signs about directions within the park.	1	2	3	4	5
Signs about directions to the park.	1	2	3	4	5
Parking for vehicles.	1	2	3	4	5
Comfort of campsites.	1	2	3	4	5
Shading provided by trees or other structures.	1	2	3	4	5
Good value for the rates that I paid at the park.	1	2	3	4	5

14. To what extent did you feel crowded at L.L. Stub Stewart State Park on this trip? **(circle a number)**

1	2	3	4	5	6	7	8	9
Not at all Crowded		Slightly Crowded			Moderately Crowded		Extremely Crowded	

15. To what extent do you **oppose or support** each of the following possible management actions at L.L. Stub Stewart State Park?

(circle one number for EACH)

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Provide more opportunities for escaping crowds of people.	1	2	3	4	5
Provide more opportunities for viewing wildlife.	1	2	3	4	5
Food for sale (restaurants, snack shops, etc.)	1	2	3	4	5
Provide more group picnic areas.	1	2	3	4	5
Provide more opportunities for hiking.	1	2	3	4	5
Provide more paved trails.	1	2	3	4	5
Provide more trash cans.	1	2	3	4	5
Provide more recycling containers.	1	2	3	4	5
Provide more information / education about nature, history, or archeology.	1	2	3	4	5
Provide more programs led by park rangers.	1	2	3	4	5
Provide wireless internet access within the park.	1	2	3	4	5
Provide downloadable mobile phone applications.	1	2	3	4	5
Provide enclosed shelters.	1	2	3	4	5
Improve maintenance or upkeep of facilities / services.	1	2	3	4	5
Require all dogs be kept on leash at all times.	1	2	3	4	5
Make the park more pet friendly.	1	2	3	4	5
Provide natural buffers to block views of development outside the park.	1	2	3	4	5
Restore it to historical conditions (e.g., replace non-native with native plants)	1	2	3	4	5
Limit the number of people allowed per day.	1	2	3	4	5
Limit the number of large groups allowed (e.g., no more than 10-20 people).	1	2	3	4	5
Close this park to all recreation / tourism activities.	1	2	3	4	5
Provide more space between campsites.	1	2	3	4	5
Provide more walk-in / cart-in campsites.	1	2	3	4	5
Provide more tent camping in developed campgrounds.	1	2	3	4	5
Provide campsites that accommodate both RV and tent camping.	1	2	3	4	5
Provide more group camping areas.	1	2	3	4	5
Increase enforcement of campground quiet hours (10 p.m. – 7 a.m.)	1	2	3	4	5
Do not change anything / keep things as they are now.	1	2	3	4	5

16. Did you make your reservation for your recent overnight visit to L.L. Stub Stewart State Park using the Oregon State Parks telephone or internet reservation system? **(check ONE)**

- Telephone reservation system Internet reservation system I did not make the reservation

17. How dissatisfied or satisfied were you with the reservation system for your trip to L.L. Stub Stewart State Park? **(check ONE)**

- Very Dissatisfied Dissatisfied Neither Satisfied Very Satisfied Didn't make reservation

As agency budgets for management of this park decrease over time, we may be faced with difficult decisions related to service reductions. Before making any changes, however, we feel that it is important to know what changes would be supported or opposed by current visitors. As a result, the following questions list various hypothetical changes that managers could make in the future. Please indicate your level of opposition or support to these possible changes.

18. To what extent would you **oppose or support** each of the following possible service reductions at L.L. Stub Stewart State Park?

(circle one number for EACH)

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Fewer hours open.	1	2	3	4	5
Fewer ranger patrols.	1	2	3	4	5
Fewer ranger-led programs.	1	2	3	4	5
Scaled down facilities (e.g., fewer restrooms, picnic shelters).	1	2	3	4	5
Reduced janitorial services.	1	2	3	4	5
Reduced ground maintenance (e.g., mowing, landscaping).	1	2	3	4	5

19. **Including yourself**, how many people accompanied you at L.L. Stub Stewart State Park on this trip? _____ person(s)

20. Did you or anyone in your group bring dog(s) with you to L.L. Stub Stewart State Park? (**check ONE**) No Yes

21. Did anyone in your group have a disability?

No

Yes → if yes, what are these disabilities? (**check ALL THAT APPLY**) Hearing Sight Walking Learning Other _____

22. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what would you have done? (**check ONE**)

- Gone somewhere else for the same activity → how far from home is the place you would go instead? _____ miles(s)
- Gone somewhere else for a different activity → how far from home is the place you would go instead? _____ miles(s)
- Come back another time
- Stayed home
- Gone to work at my regular job
- Something else (none of these)

23. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what other park(s) would you have considered going to instead? (**list park names**)

24. How did you get to L.L. Stub Stewart State Park on this trip? (**check ONE**)

- My family's personal vehicle → how many total people were in the vehicle? _____ person(s)
- Somebody else's personal vehicle → how many total people were in the vehicle? _____ person(s)
- Other (write response) → how many total people were in the vehicle? _____ person(s)

25. When you were thinking about visiting an Oregon State Park such as L.L. Stub Stewart State Park, about how often did you obtain information from each of the following sources when making your decision? (**circle one number for EACH**)

	Never		Sometimes		Often
A. Official internet websites (e.g., Oregon State Parks, Travel Oregon).	1	2	3	4	5
B. Social media internet websites (e.g., Facebook, Twitter).	1	2	3	4	5
C. Brochures.	1	2	3	4	5
D. Newspapers.	1	2	3	4	5
E. Magazines.	1	2	3	4	5
F. Books.	1	2	3	4	5
G. Television.	1	2	3	4	5
H. Videos / DVDs.	1	2	3	4	5
I. Radio.	1	2	3	4	5
J. Community organization or church.	1	2	3	4	5
K. Health care providers.	1	2	3	4	5
L. Work.	1	2	3	4	5
M. Friends or family members.	1	2	3	4	5
N. Highway signs.	1	2	3	4	5
O. Previous visit.	1	2	3	4	5
P. Other (write response) _____	1	2	3	4	5

26. From the list of sources in question 25 above, which **ONE** would you use **FIRST** when obtaining information about an Oregon State Park? (**write letter**)

Letter _____

27. When planning your visit to L.L. Stub Stewart State Park, were you able to find the information you needed? (**check ONE**)

- Yes
- No → if no, what additional information did you need? (**write response**) _____

28. Would you recommend a L.L. Stub Stewart State Park overnight visit to friends or family members? (**check ONE**)

- Yes
- No → if no, why not? (**write response**) _____

29. What do you feel are the most outstanding features or things to do at L.L. Stub Stewart State Park? (write response)

30. What type of campsite(s) did you use on your most recent trip to L.L. Stub Stewart State Park? (**check ALL THAT APPLY**)

- RV campsite
- Cabin
- Group RV camp
- Hiker / biker campsite
- Tent campsite
- Yurt
- Group tent camp
- Other (write response) _____

31. If you were to stay at a RV campsite, what type of power supply would you require? (**check ONE**)

- 30 amps 50 amps 100 amps No electric power needed

32. If you were to stay at an RV campsite, how important are electric, water, and sewer hookups? (**circle one number for EACH**)

	Not Important		Neither		Extremely Important
Electric hookups.	1	2	3	4	5
Water hookups.	1	2	3	4	5
Sewer hookups.	1	2	3	4	5

33. If Oregon State Parks offered weekend programs for beginners to learn basic outdoor skills, would you/your family consider participating in such a program at a nearby park?

- No
 Yes → if yes, what types of activities would you/your family be interested in learning about? (**check ALL THAT APPLY**)

- Birding Disc golfing Hiking Mountain biking Scenic bicycling on roads
 Camping Fishing Horseback riding Rafting Stargazing
 Canoeing Geocaching Kayaking Rock climbing Other _____

34. During your visit to this park, did you or members of your personal group use a concession service/activity such as a guided trip/tour (e.g., fishing, rafting, bicycling, scenic, historic) or equipment rental (e.g., kayak, bicycle)?

- No
 Yes → if yes, what type of concession service/activity (write in response) _____

35. On a future visit to L.L. Stub Stewart State Park, what subjects would you be interested in learning about? (**check all that apply**)

- Railroad history Birding
 Logging history Edible plants
 Park history Geology
 Leave no trace – outdoor ethics Astronomy/ stargazing
 Flora/ fauna (plant/animal ID, tracking) Hydrology (watersheds/ streams)
 Wildflower viewing Other (write response) _____

36. Would you be interested in volunteering at L.L. Stub Stewart State Park? (**check ONE**)

- Yes
 No

37. Did you participate in any moderate physical activity during this trip (for example walking, bicycling, canoeing at a moderate pace)? (**check ONE**)

- No
 Yes → if yes, how much time did you spend in moderate physical activity for this trip? _____ minutes

38. Did you participate in any vigorous physical activity during this trip (for example jogging, walking, or bicycling at a vigorous pace, breaking a sweat, heart beating rapidly)? (check **ONE**)

- No
- Yes → if yes, how much time did you spend in vigorous physical activity for this trip? _____ minutes

39. Is your level of physical activity at L.L. Stub Stewart State Park more than, less than, or about the same as your level of physical activity in your day-to-day life? (check **ONE**)

- My physical activity is MORE at L.L. Stub Stewart State Park than my daily life.
- My physical activity is LESS at L.L. Stub Stewart State Park than in my daily life.
- My physical activity is ABOUT THE SAME at L.L. Stub Stewart State Park as it is in my daily life.

40. To what degree did this L.L. Stub Stewart State Park visit result in the following health benefits for you? (circle one number for EACH)

	Not at all			A great deal	
A. Reducing your stress.	1	2	3	4	5
B. Improving your level of physical fitness.	1	2	3	4	5
C. Improving your physical health.	1	2	3	4	5
D. Improving your mental health.	1	2	3	4	5
E. Reducing your anxiety.	1	2	3	4	5

41. For each of the following categories, please estimate how much you and other members of your party spent on your trip both inside the Park and within **30 miles** of L.L. Stub Stewart State Park. *Please round off to the nearest dollar.*

- Motel, lodge, cabin, B&B, other lodging: \$ _____ .00
- Camping: \$ _____ .00
- Restaurants and bars: \$ _____ .00
- Groceries: \$ _____ .00
- Gasoline and oil: \$ _____ .00
- Park entry, parking, or recreation use fees: \$ _____ .00
- Recreation and equipment (guide fees, equipment rental): \$ _____ .00
- Souvenirs, clothing, and other miscellaneous: \$ _____ .00

42. Are you staying away from home either inside the Park or within 30 miles of L.L. Stub Stewart State Park on this trip? (check **ONE**)

- No
- Yes → if yes, how many nights are you staying away from home inside the Park or within 30 miles of this Park? _____ night(s)

43. Considering the amount that you spent on this trip, how much more would you have spent on this trip before deciding not to take it? \$ _____

44. Are you: (**check ONE**) Male Female

45. How old are you? (**write response**) _____ years old

46 Which of the following best describes you? (**check ONE**)

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> White (Caucasian) | <input type="checkbox"/> Hispanic / Latino | <input type="checkbox"/> American Indian or Alaskan Native | <input type="checkbox"/> Other (write response) |
| <input type="checkbox"/> Black / African American | <input type="checkbox"/> Asian | <input type="checkbox"/> Native Hawaiian or Pacific Islander | _____ |

47. What language is spoken most often at your home? (**check ONE**)

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|---|
| <input type="checkbox"/> English | <input type="checkbox"/> Spanish | <input type="checkbox"/> Russian | <input type="checkbox"/> Other (write response) _____ |
|----------------------------------|----------------------------------|----------------------------------|---|

48. Where do you live? (**write responses**) City / town _____ State _____ Country _____ Zipcode _____

49. Which of these broad categories best describes your *current annual household income before taxes*? (**check ONE**)

- | | |
|---|---|
| <input type="checkbox"/> Less than \$10,000 | <input type="checkbox"/> \$90,000 to \$109,999 |
| <input type="checkbox"/> \$10,000 to \$29,999 | <input type="checkbox"/> \$110,000 to \$129,999 |
| <input type="checkbox"/> \$30,000 to \$49,999 | <input type="checkbox"/> \$130,000 to \$149,999 |
| <input type="checkbox"/> \$50,000 to \$69,999 | <input type="checkbox"/> \$150,000 to \$169,999 |
| <input type="checkbox"/> \$70,000 to \$89,999 | <input type="checkbox"/> \$170,000 or more |

Please tell us how we can improve L.L. Stub Stewart State Park:

Thank you, your input is important! *Please return this survey as soon as possible.*

APPENDIX C: UNCOLLAPSED PERCENTAGES

**Day Visitor Experiences and Perceptions
at L.L. Stub Stewart State Park**



Please Complete this Survey and Return it as Soon as Possible

Participation is Voluntary and Responses are Anonymous

Thank You for Your Participation

A Study Conducted by:



Nature
HISTORY
Discovery

We are conducting this survey to learn about your experiences at L.L. Stub Stewart State Park. Your input is important and will assist managers improve your experiences at this park. *Once you have completed this survey, please return it as soon as possible.*

1. Before this trip, had you ever visited L.L. Stub Stewart State Park? (**check ONE**)
 - 43% No
 - 57% Yes → if yes, how many day trips have you made to this park in the past 12 months? (**write number**) 4.25 trip(s)

2. How many hours did you spend at L.L. Stub Stewart State Park on this trip? (**write number**) 3.61 hour(s)

3. Please check all recreation activities you did at L.L. Stub Stewart State Park on this trip. (**check ALL THAT APPLY**)

48% A. Hiking or walking	32% F. Mountain biking	25% K. Picnicking or barbecuing
19% B. Dog walking	1% G. Horseback riding	9% L. Bird or wildlife watching
4% C. Running or jogging	12% H. Outdoor photography	7% M. Exercise dog at off-leash area
7% D. Bicycling on local roads	35% I. Disc golf	1% N. Ranger-led program(s)
20% E. Bicycling on paved trails	23% J. Sightseeing	7% O. Other (write response) <u>see report</u>

4. From activities in Question 3 above, what **ONE primary activity** did you do at L.L. Stub Stewart State Park on this trip? (**write a letter that matches your response**)

Letter for primary activity see report

5. Which of the following best describes the purpose of your trip? (**check ONE**)
 - 90% Primarily for recreation – this park was my main destination
 - 6% Primarily for recreation – my main destination was NOT this park
 - 2% Primarily for business, family, or other reasons – this park was a side trip
 - 2% Some other reason

6. About how far from your home did you travel to get to this park? (**write number of miles**) 59.77 mile(s)

7. Overall, how dissatisfied or satisfied were you with your **overall experience** at L.L. Stub Stewart State Park? (**check ONE**)

2% Very Dissatisfied	1% Dissatisfied	1% Neither	29% Satisfied	67% Very Satisfied
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8. How dissatisfied or satisfied were you with the **natural environment** at L.L. Stub Stewart State Park? (**check ONE**)

2% Very Dissatisfied	< 1% Dissatisfied	1% Neither	34% Satisfied	63% Very Satisfied
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9. How dissatisfied or satisfied were you with the **facilities / services** at L.L. Stub Stewart State Park? (**check ONE**)

1% Very Dissatisfied	1% Dissatisfied	2% Neither	32% Satisfied	63% Very Satisfied
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10. How dissatisfied or satisfied were you with the **fee that you paid** at L.L. Stub Stewart State Park? (**check ONE**)

1% Very Dissatisfied	1% Dissatisfied	13% Neither	39% Satisfied	46% Very Satisfied
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11. How unlikely or likely are you to return to L.L. Stub Stewart State Park in the future? (**check ONE**)

1% Very Unlikely	2% Unlikely	1% Neither	31% Likely	65% Very Likely
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12. How **important** is it to you that each of the following is at L.L. Stub Stewart State Park? (**circle one number for EACH**)

	Not Important		Neither		Extremely Important
Overall cleanliness of park (e.g., graffiti, lawn care).	1%	0%	7%	40%	52%
Number of toilets / bathrooms.	1	4	18	43	33
Cleanliness / conditions of toilets / bathrooms.	1	2	9	40	48
Absence of litter.	1	1	4	40	54
Presence of park rangers / personnel.	3	5	34	36	21
Courteousness of park rangers / personnel.	< 1	1	13	42	44
Number of park trails.	1	1	14	39	45
Condition / maintenance of park trails.	1	< 1	9	40	50
Ease of movement or access (e.g., wheelchair, elderly, baby stroller).	13	12	42	22	12
Facilities for groups to gather.	11	11	37	30	12
Variety of things to do.	3	4	25	44	24
Opportunities to escape crowds of people.	1	1	8	35	55
Personal safety.	1	5	15	37	43
Number of information / education programs or materials.	7	17	34	33	10
Quality of information / education programs or materials.	6	12	28	37	17
Information specifically about conditions or hazards in the park.	3	6	21	48	23
Signs about directions within the park.	1	2	10	43	44
Signs about directions to the park.	3	5	20	44	27
Parking for vehicles.	1	2	15	51	32
Good value for the rates that I paid at the park.	1	2	12	45	41

13. Now, how **dissatisfied or satisfied** were you with the following at L.L. Stub Stewart State Park? (**circle a number for EACH**)

	Very Dissatisfied	Dissatisfied	Neither	Satisfied	Very Satisfied
Overall cleanliness of park (e.g., graffiti, lawn care).	1%	< 1%	2%	32%	65%
Number of toilets / bathrooms.	1	1	6	38	53
Cleanliness / conditions of toilets / bathrooms.	1	1	7	33	59
Absence of litter.	1	< 1	3	33	63
Presence of park rangers / personnel.	1	< 1	14	35	50
Courteousness of park rangers / personnel.	1	< 1	8	29	63
Number of park trails.	1	1	8	40	50
Condition / maintenance of park trails.	1	1	7	38	54
Ease of movement or access (e.g., wheelchair, elderly, stroller).	1	1	34	30	34
Facilities for groups to gather.	1	1	31	32	37
Variety of things to do.	1	< 1	13	40	46
Opportunities to escape crowds of people.	1	1	8	36	55
Personal safety.	1	1	7	35	56
Number of information / education programs or materials.	1	1	30	37	31
Quality of information / education programs or materials.	1	1	28	37	34
Information specifically about conditions or hazards in the park.	1	0	23	41	36
Signs about directions within the park.	1	3	13	38	45
Signs about directions to the park.	1	1	17	37	46
Parking for vehicles.	1	1	7	40	52
Good value for the rates that I paid at the park.	1	< 1	6	35	58

14. To what extent do you **oppose or support** each of the following possible management actions at L.L. Stub Stewart State Park? **(circle one number for EACH)**

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Provide more opportunities for escaping crowds of people.	1%	< 1%	20%	40%	40%
Provide more opportunities for viewing wildlife.	1	2	18	43	37
Food for sale (restaurants, snack shops, etc.)	17	19	36	19	9
Provide more group picnic areas.	3	6	56	27	8
Provide more opportunities for hiking.	1	2	28	44	25
Provide more paved trails.	7	19	43	22	9
Provide more trash cans.	3	4	37	34	22
Provide more recycling containers.	2	2	26	37	33
Provide more information / education about nature, history, or archeology.	1	2	36	45	16
Provide more programs led by park rangers.	2	5	55	28	10
Provide wireless internet access within the park.	18	15	36	19	11
Provide downloadable mobile phone applications.	10	14	37	26	14
Provide more enclosed shelters.	3	6	54	27	10
Improve maintenance or upkeep of facilities / services.	1	3	43	39	14
Require all dogs be kept on leash at all times.	13	13	31	22	22
Make the park more pet friendly.	4	8	43	30	16
Provide natural buffers to block views of development outside the park.	1	2	35	36	25
Restore it to historical conditions (e.g., replace non-native with native plants)	1	5	35	37	21
Limit the number of people allowed per day.	12	26	42	16	4
Limit the number of large groups allowed (e.g., no more than 10-20 people).	7	15	40	27	11
Close this park to all recreation / tourism activities.	51	19	22	4	4
Do not change anything / keep things as they are now.	3	6	39	38	15

As agency budgets for management of this park decrease over time, we may be faced with difficult decisions related to service reductions. Before making any changes, however, we feel that it is important to know what changes would be supported or opposed by current visitors. As a result, the following questions list various hypothetical changes that managers could make in the future. Please indicate your level of opposition or support to these possible changes.

15. To what extent would you **oppose or support** each of the following possible service reductions at L.L. Stub Stewart State Park?

(circle one number for EACH)

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Fewer hours open.	32%	41%	19%	7%	1%
Fewer ranger patrols.	14	29	40	15	3
Fewer ranger-led programs.	9	19	42	24	6
Scaled down facilities (e.g., fewer restrooms, picnic shelters).	20	36	27	14	2
Reduced janitorial services.	22	39	28	10	2
Reduced ground maintenance (e.g., mowing, landscaping).	17	32	27	21	3

16. Would you be interested in volunteering at L.L. Stub Stewart State Park? **(check ONE)**

23% Yes

77% No

17. To what extent did you feel crowded at L.L. Stub Stewart State Park on this trip? (circle a number)

46%	29%	12%	4%	4%	4%	1%	1%	1%
Not at all Crowded		Slightly Crowded			Moderately Crowded		Extremely Crowded	

18. **Including yourself**, how many people accompanied you at L.L. Stub Stewart State Park on this trip? 3.35 person(s)

19. Did you or anyone in your group bring dog(s) with you to L.L. Stub Stewart State Park? (check **ONE**) 78% No 22% Yes

20. Did anyone in your group have a disability?

94% No

6% Yes → if yes, what are these disabilities? (check **ALL THAT APPLY**) 1% Hearing <1% Sight 3% Walking
0% Learning 2% Other _____

21. When you were thinking about visiting an Oregon State Park such as L.L. Stub Stewart State Park, about how often did you obtain information from each of the following sources when making your decision? (circle one number for **EACH**)

	Never		Sometimes		Often
A. Official internet websites (e.g., Oregon State Parks, Travel Oregon).	15%	5%	21%	22%	37%
B. Social media internet websites (e.g., Facebook, Twitter).	55	14	18	6	6
C. Brochures.	43	10	26	13	8
D. Newspapers.	62	16	16	5	1
E. Magazines.	61	15	18	5	2
F. Books.	61	14	18	5	2
G. Television.	70	12	14	4	2
H. Videos / DVDs.	77	12	8	2	1
I. Radio.	70	13	12	4	1
J. Community organization or church.	75	10	10	4	1
K. Health care providers.	81	11	6	2	1
L. Work.	71	9	14	4	2
M. Friends or family members.	26	7	24	23	20
N. Highway signs.	32	13	31	16	9
O. Previous visit.	30	4	17	23	28
P. Other (write response) _____	60	4	16	7	13

22. From the list of sources in question 21 above, which **ONE** would you use **FIRST** when obtaining information about an Oregon State Park? (write letter)

Letter see report

23. When planning your visit to L.L. Stub Stewart State Park, were you able to find the information you needed? (check **ONE**)

94% Yes

6% No → if no, what additional information did you need? (write response) see report

24. How did you get to L.L. Stub Stewart State Park on this trip? (**check ONE**)

- 79% My family's personal vehicle → how many total people were in the vehicle? 2.33 person(s)
- 16% Somebody else's personal vehicle → how many total people were in the vehicle? 2.55 person(s)
- 5% Other (write response) → how many total people were in the vehicle? 3.06 person(s)

25. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what would you have done? (**check ONE**)

- 73% Gone somewhere else for the same activity → how far from home is the place you would go instead? 53.55 miles(s)
- 5% Gone somewhere else for a different activity → how far from home is the place you would go instead? 28.42 miles(s)
- 6% Come back another time
- 12% Stayed home
- 1% Gone to work at my regular job
- 4% Something else (none of these)

26. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what other park(s) would you have considered going to instead? (**list park names**) see report

27. Would you recommend a L.L. Stub Stewart State Park visit to friends or family members? (**check ONE**)

- 99% Yes
- 1% No → if no, why not? (**write response**) _____

28. What do you feel are the most outstanding features or things to do at L.L. Stub Stewart State Park? (write response)

see report

29. If Oregon State Parks offered weekend programs for beginners to learn basic outdoor skills, would you/your family consider participating in such a program at a nearby park?

- 39% No
 - 61% Yes → if yes, what types of activities would you/your family be interested in learning about? (**check ALL THAT APPLY**)
- | | | | | |
|--------------|------------------|----------------------|---------------------|-------------------------------|
| 18% Birding | 25% Disc golfing | 25% Hiking | 26% Mountain biking | 15% Scenic bicycling on roads |
| 19% Camping | 16% Fishing | 15% Horseback riding | 16% Rafting | 24% Stargazing |
| 19% Canoeing | 14% Geocaching | 24% Kayaking | 18% Rock climbing | 3% Other _____ |

30. During your visit to this park, did you or members of your personal group use a concession service/activity such as a guided trip/tour (e.g., fishing, rafting, bicycling, scenic, historic) or equipment rental (e.g., kayak, bicycle)?

- 96% No
- 4% Yes → if yes, what type of concession service/activity (write in response) see report

31. On a future visit to L.L. Stub Stewart State Park, what subjects would you be interested in learning about? (check all that apply)

- 47% Railroad history
- 41% Logging history
- 43% Park history
- 25% Leave no trace – outdoor ethics
- 43% Flora/ fauna (plant/animal ID, tracking)
- 34% Wildflower viewing
- 32% Birding
- 49% Edible plants
- 31% Geology
- 42% Astronomy/ stargazing
- 24% Hydrology (watersheds/ streams)
- 5% Other (write response) see report

32. Did you participate in any moderate physical activity during this trip (for example walking, bicycling, canoeing at a moderate pace)? (check ONE)

- 14% No
- 86% Yes → if yes, how much time did you spend in moderate physical activity for this trip? 125.95 minutes

33. Did you participate in any vigorous physical activity during this trip (for example jogging, walking, or bicycling at a vigorous pace, breaking a sweat, heart beating rapidly)? (check ONE)

- 42% No
- 58% Yes → if yes, how much time did you spend in vigorous physical activity for this trip? 105.44 minutes

34. Is your level of physical activity at L.L. Stub Stewart State Park more than, less than, or about the same as your level of physical activity in your day-to-day life? (check ONE)

- 54% My physical activity is MORE at L.L. Stub Stewart State Park than my daily life.
- 9% My physical activity is LESS at L.L. Stub Stewart State Park than in my daily life.
- 37% My physical activity is ABOUT THE SAME at L.L. Stub Stewart State Park as it is in my daily life.

35. To what degree did this L.L. Stub Stewart State Park visit result in the following health benefits for you? (circle one number for EACH)

	Not at all				A great deal
A. Reducing your stress.	2%	3%	9%	38%	48%
B. Improving your level of physical fitness.	3	3	20	35	39
C. Improving your physical health.	2	3	18	39	39
D. Improving your mental health.	1	1	11	38	48
E. Reducing your anxiety.	4	4	14	36	42

36. For each of the following categories, please estimate how much you and other members of your party spent and plan to spend on this trip both inside the Park and within 30 miles of L.L. Stub Stewart State Park. Please round off to the nearest dollar.

- Motel, lodge, cabin, B&B, other lodging: \$ see report
- Camping: \$.00
- Restaurants and bars: \$.00
- Groceries: \$.00
- Gasoline and oil: \$.00
- Park entry, parking, or recreation use fees: \$.00
- Recreation and equipment (guide fees, equipment rental): \$.00
- Souvenirs, clothing, and other miscellaneous: \$.00

37. Are you staying away from home either inside the Park or within 30 miles of L.L. Stub Stewart State Park on this trip? **(check ONE)**

89% No

11% Yes → if yes, how many nights are you staying away from home inside the Park or within 30 miles of this Park?
2.59 night(s)

38. Considering the amount that you spent on this trip, how much more would you have spent on this trip before deciding not to take it? \$ 36.15

39. Are you: **(check ONE)** 69% Male 31% Female

40. How old are you? **(write response)** see report years old

41. Which of the following best describes you? **(check ONE)**

91% White (Caucasian) 3% Hispanic / Latino 1% American Indian or Alaskan Native 1% Other (write response)
 1% Black / African American 4% Asian < 1% Native Hawaiian/Pacific Islander _____

42. What language is spoken most often at your home? **(check ONE)**

98% English 0% Spanish 0% Russian 2% Other (write response) _____

43. Where do you live? **(write responses)** City / town _____ State _____ Country _____ Zipcode see report

44. Which of these broad categories best describes your *current annual household income before taxes*? **(check ONE)**

3% Less than \$10,000	14% \$90,000 to \$109,999
10% \$10,000 to \$29,999	10% \$110,000 to \$129,999
14% \$30,000 to \$49,999	7% \$130,000 to \$149,999
15% \$50,000 to \$69,999	5% \$150,000 to \$169,999
14% \$70,000 to \$89,999	9% \$170,000 or more

Please tell us how we can improve L.L. Stub Stewart State Park:

see report

Thank you, your input is important! *Please return this survey as soon as possible.*

Overnight Visitor Experiences and Perceptions at L.L. Stub Stewart State Park



Please Complete this Survey and Return it as Soon as Possible

Participation is Voluntary and Responses are Anonymous

Thank You for Your Participation

A Study Conducted by:



Nature
HISTORY
Discovery

We are conducting this survey to learn about your experiences at L.L. Stub Stewart State Park. Your input is important and will assist managers improve your experiences at this park. **Once you complete this survey, please return it as soon as possible.**

1. Before this trip, had you ever visited L.L. Stub Stewart State Park? (**check ONE**)
 - 45% No
 - 55% Yes → if yes, how many trips have you made to this park in the past 12 months? (**write number**) 1.96 trip(s)

2. How many nights in a row did you spend at L.L. Stub Stewart State Park on this trip? (**write number**) 2.75 night(s)

3. Please check **all** recreation activities you did at L.L. Stub Stewart State Park on this trip. (**check ALL THAT APPLY**)

77% A. Hiking or walking	12% G. Horseback riding	14% M. Bird or wildlife watching
35% B. Dog walking	24% H. Outdoor photography	12% N. Exercise dog at off-leash area
8% C. Running or jogging	16% I. Disc golf	13% O. Ranger-led program(s)
15% D. Bicycling on local roads	31% J. Sightseeing	10% P. Other (write response) _____
36% E. Bicycling on paved trails	88% K. Camping	_____
12% F. Mountain biking	37% L. Picnicking or barbecuing	_____

4. From activities in Question 3 above, what **ONE primary activity** did you do at L.L. Stub Stewart State Park on this trip? (**write a letter that matches your response**)
Letter for primary activity see report _

5. Which of the following best describes the purpose of your trip? (**check ONE**)
 - 79% Primarily for recreation – this park was my main destination
 - 15% Primarily for recreation – my main destination was NOT this park
 - 6% Primarily for business, family, or other reasons – this park was a side trip
 - 1% Some other reason

6. About how far from your home did you travel to get to this park? (**write number of miles**) 165.89 mile(s)

7. Overall, how dissatisfied or satisfied were you with your **overall experience** at L.L. Stub Stewart State Park? (**check ONE**)
 - 2% Very Dissatisfied 2% Dissatisfied 3% Neither 38% Satisfied 56% Very Satisfied

8. How dissatisfied or satisfied were you with the **natural environment** at L.L. Stub Stewart State Park? (**check ONE**)
 - 1% Very Dissatisfied 2% Dissatisfied 3% Neither 41% Satisfied 53% Very Satisfied

9. How dissatisfied or satisfied were you with the **facilities / services** at L.L. Stub Stewart State Park? (**check ONE**)
 - 1% Very Dissatisfied 3% Dissatisfied 3% Neither 39% Satisfied 54% Very Satisfied

10. How dissatisfied or satisfied were you with the **rates that you paid** at L.L. Stub Stewart State Park? (**check ONE**)
 - 1% Very Dissatisfied 4% Dissatisfied 7% Neither 49% Satisfied 39% Very Satisfied

11. How unlikely or likely are you to return to L.L. Stub Stewart State Park in the future? (**check ONE**)
 - 2% Very Unlikely 5% Unlikely 5% Neither 30% Likely 58% Very Likely

12. How **important** is it to you that each of the following is at L.L. Stub Stewart State Park? (**circle one number for EACH**)

	Not Important		Neither		Extremely Important
Overall cleanliness of park (e.g., graffiti, lawn care).	0%	< 1%	2%	32%	66%
Number of toilets / bathrooms.	3	2	15	41	39
Cleanliness / conditions of toilets / bathrooms.	1	1	5	25	67
Absence of litter.	0	< 1	3	32	65
Presence of park rangers / personnel.	1	3	19	48	29
Courteousness of park rangers / personnel.	0	1	6	38	55
Number of park trails.	1	2	15	46	36
Condition / maintenance of park trails.	1	1	9	53	36
Ease of movement or access (e.g., wheelchair, elderly, baby stroller).	14	9	42	23	12
Facilities for groups to gather.	17	11	41	24	8
Variety of things to do.	3	4	20	49	25
Opportunities to escape crowds of people.	1	2	10	37	51
Personal safety.	< 1	1	6	33	60
Number of information / education programs or materials.	5	8	37	41	9
Quality of information / education programs or materials.	4	7	32	44	13
Information specifically about conditions or hazards in the park.	2	3	20	46	30
Signs about directions within the park.	1	2	10	47	41
Signs about directions to the park.	2	4	22	45	27
Parking for vehicles.	1	3	17	49	31
Comfort of campsites.	< 1	1	4	39	57
Shading provided by trees or other structures.	1	1	6	36	56
Good value for the rates that I paid at the park.	0	1	4	39	57

13. Now, how **dissatisfied or satisfied** were you with the following at L.L. Stub Stewart State Park? (**circle a number for EACH**)

	Very Dissatisfied	Dissatisfied	Neither	Satisfied	Very Satisfied
Overall cleanliness of park (e.g., graffiti, lawn care).	< 1%	1%	1%	34%	64%
Number of toilets / bathrooms.	1	5	10	46	40
Cleanliness / conditions of toilets / bathrooms.	1	3	9	41	46
Absence of litter.	0	0	1	38	61
Presence of park rangers / personnel.	1	1	9	41	49
Courteousness of park rangers / personnel.	2	3	7	34	54
Number of park trails.	< 1	< 1	9	42	49
Condition / maintenance of park trails.	1	1	10	39	50
Ease of movement or access (e.g., wheelchair, elderly, stroller).	1	1	40	32	26
Facilities for groups to gather.	1	< 1	47	29	22
Variety of things to do.	1	2	18	47	32
Opportunities to escape crowds of people.	1	3	12	44	40
Personal safety.	1	< 1	5	40	54
Number of information / education programs or materials.	1	2	28	41	29
Quality of information / education programs or materials.	1	1	29	39	30
Information specifically about conditions or hazards in the park.	1	2	24	45	29
Signs about directions within the park.	1	4	12	48	35
Signs about directions to the park.	< 1	1	15	48	36
Parking for vehicles.	1	3	13	46	37
Comfort of campsites.	1	5	6	38	51
Shading provided by trees or other structures.	6	14	14	37	29
Good value for the rates that I paid at the park.	< 1	4	7	42	46

14. To what extent did you feel crowded at L.L. Stub Stewart State Park on this trip? (**circle a number**)

33%	21%	16%	6%	6%	13%	3%	2%	2%
Not at all Crowded		Slightly Crowded			Moderately Crowded		Extremely Crowded	

15. To what extent do you **oppose or support** each of the following possible management actions at L.L. Stub Stewart State Park?

(**circle one number for EACH**)

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Provide more opportunities for escaping crowds of people.	< 1%	1%	26%	46%	26%
Provide more opportunities for viewing wildlife.	< 1	1	19	54	57
Food for sale (restaurants, snack shops, etc.)	16	24	35	18	7
Provide more group picnic areas.	3	8	65	21	3
Provide more opportunities for hiking.	1	2	38	43	17
Provide more paved trails.	4	11	39	34	12
Provide more trash cans.	2	4	34	37	22
Provide more recycling containers.	1	4	34	37	24
Provide more information / education about nature, history, or archeology.	1	2	39	46	12
Provide more programs led by park rangers.	1	4	51	35	9
Provide wireless internet access within the park.	9	11	26	26	27
Provide downloadable mobile phone applications.	6	7	53	22	12
Provide enclosed shelters.	3	9	60	24	6
Improve maintenance or upkeep of facilities / services.	1	3	52	34	10
Require all dogs be kept on leash at all times.	4	10	27	25	34
Make the park more pet friendly.	5	8	50	22	16
Provide natural buffers to block views of development outside the park.	1	2	34	37	26
Restore it to historical conditions (e.g., replace non-native with native plants)	3	6	43	31	18
Limit the number of people allowed per day.	5	11	57	20	6
Limit the number of large groups allowed (e.g., no more than 10-20 people).	5	13	45	27	11
Close this park to all recreation / tourism activities.	51	21	23	3	3
Provide more space between campsites.	2	6	44	29	19
Provide more walk-in / cart-in campsites.	3	8	66	16	8
Provide more tent camping in developed campgrounds.	3	7	57	24	9
Provide campsites that accommodate both RV and tent camping.	3	5	40	34	18
Provide more group camping areas.	4	8	61	21	6
Increase enforcement of campground quiet hours (10 p.m. – 7 a.m.)	2	8	54	21	15
Do not change anything / keep things as they are now.	3	9	49	27	11

16. Did you make your reservation for your recent overnight visit to L.L. Stub Stewart State Park using the Oregon State Parks telephone or internet reservation system? (**check ONE**)

21% Telephone reservation system 78% Internet reservation system 1% I did not make the reservation

17. How dissatisfied or satisfied were you with the reservation system for your trip to L.L. Stub Stewart State Park? (**check ONE**)

3% Very Dissatisfied 5% Dissatisfied 4% Neither 39% Satisfied 49% Very Satisfied 1% Didn't make reservation

As agency budgets for management of this park decrease over time, we may be faced with difficult decisions related to service reductions. Before making any changes, however, we feel that it is important to know what changes would be supported or opposed by current visitors. As a result, the following questions list various hypothetical changes that managers could make in the future. Please indicate your level of opposition or support to these possible changes.

18. To what extent would you **oppose or support** each of the following possible service reductions at L.L. Stub Stewart State Park?

(circle one number for EACH)

	Strongly Oppose	Oppose	Neither	Support	Strongly Support
Fewer hours open.	25%	43%	23%	8%	1%
Fewer ranger patrols.	20	38	28	13	2
Fewer ranger-led programs.	12	23	41	21	3
Scaled down facilities (e.g., fewer restrooms, picnic shelters).	34	42	17	7	1
Reduced janitorial services.	36	46	14	4	1
Reduced ground maintenance (e.g., mowing, landscaping).	25	35	23	15	3

19. **Including yourself**, how many people accompanied you at L.L. Stub Stewart State Park on this trip? 5.03 person(s)

20. Did you or anyone in your group bring dog(s) with you to L.L. Stub Stewart State Park? (**check ONE**) 53% No 47% Yes

21. Did anyone in your group have a disability?

83% No

17% Yes → if yes, what are these disabilities? (**check ALL THAT APPLY**) 3% Hearing 2% Sight 11% Walking
1% Learning 3% Other see report

22. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what would you have done? (**check ONE**)

64% Gone somewhere else for the same activity → how far from home is the place you would go instead? 125.46 miles(s)

6% Gone somewhere else for a different activity → how far from home is the place you would go instead? 117.86 miles(s)

12% Come back another time

11% Stayed home

2% Gone to work at my regular job

6% Something else (none of these)

23. If you had NOT been able to go to L.L. Stub Stewart State Park for this visit, what other park(s) would you have considered going to instead? (**list park names**)

24. How did you get to L.L. Stub Stewart State Park on this trip? (**check ONE**)

93% My family's personal vehicle → how many total people were in the vehicle? 2.96 person(s)

3% Somebody else's personal vehicle → how many total people were in the vehicle? 2.67 person(s)

4% Other (write response) → how many total people were in the vehicle? 4.95 person(s)

25. When you were thinking about visiting an Oregon State Park such as L.L. Stub Stewart State Park, about how often did you obtain information from each of the following sources when making your decision? (**circle one number for EACH**)

	Never		Sometimes		Often
A. Official internet websites (e.g., Oregon State Parks, Travel Oregon).	2%	2%	11%	19%	65%
B. Social media internet websites (e.g., Facebook, Twitter).	66	10	13	6	5
C. Brochures.	35	11	31	15	9
D. Newspapers.	75	11	12	1	1
E. Magazines.	69	11	17	2	1
F. Books.	66	11	17	5	1
G. Television.	75	12	11	2	1
H. Videos / DVDs.	85	11	4	< 1	< 1
I. Radio.	81	11	7	1	1
J. Community organization or church.	82	8	7	2	1
K. Health care providers.	90	7	3	< 1	< 1
L. Work.	78	9	8	3	1
M. Friends or family members.	27	6	30	23	15
N. Highway signs.	50	12	23	12	3
O. Previous visit.	28	5	18	23	27
P. Other (write response) _____	75	5	10	4	6

26. From the list of sources in question 25 above, which **ONE** would you use **FIRST** when obtaining information about an Oregon State Park? (**write letter**)

Letter see report

27. When planning your visit to L.L. Stub Stewart State Park, were you able to find the information you needed? (**check ONE**)

96% Yes

4% No → if no, what additional information did you need? (**write response**) see report

28. Would you recommend a L.L. Stub Stewart State Park overnight visit to friends or family members? (**check ONE**)

95% Yes

5% No → if no, why not? (**write response**) see report

29. What do you feel are the most outstanding features or things to do at L.L. Stub Stewart State Park? (write response)

see report

30. What type of campsite(s) did you use on your most recent trip to L.L. Stub Stewart State Park? (**check ALL THAT APPLY**)

62% RV campsite 19% Cabin 1% Group RV camp 4% Hiker / biker campsite
 16% Tent campsite < 1% Yurt 0% Group tent camp 4% Other (write response) _____

31. If you were to stay at a RV campsite, what type of power supply would you require? (**check ONE**)

53% 30 amps 24% 50 amps 4% 100 amps 19% No electric power needed

32. If you were to stay at an RV campsite, how important are electric, water, and sewer hookups? (**circle one number for EACH**)

	Not Important		Neither		Extremely Important
Electric hookups.	7%	1%	6%	23%	64%
Water hookups.	7	1	8	25	59
Sewer hookups.	20	4	15	28	33

33. If Oregon State Parks offered weekend programs for beginners to learn basic outdoor skills, would you/your family consider participating in such a program at a nearby park?

57% No

43% Yes → if yes, what types of activities would you/your family be interested in learning about? (**check ALL THAT APPLY**)

17% Birding 15% Disc golfing 22% Hiking 11% Mountain biking 12% Scenic bicycling on roads
 18% Camping 18% Fishing 15% Horseback riding 15% Rafting 28% Stargazing
 20% Canoeing 20% Geocaching 19% Kayaking 12% Rock climbing 1% Other _____

34. During your visit to this park, did you or members of your personal group use a concession service/activity such as a guided trip/tour (e.g., fishing, rafting, bicycling, scenic, historic) or equipment rental (e.g., kayak, bicycle)?

94% No

6% Yes → if yes, what type of concession service/activity (write in response) see report

35. On a future visit to L.L. Stub Stewart State Park, what subjects would you be interested in learning about? (**check all that apply**)

50% Railroad history 33% Birding
 51% Logging history 45% Edible plants
 47% Park history 34% Geology
 22% Leave no trace – outdoor ethics 55% Astronomy/ stargazing
 47% Flora/ fauna (plant/animal ID, tracking) 23% Hydrology (watersheds/ streams)
 37% Wildflower viewing 1% Other (write response) _____

36. Would you be interested in volunteering at L.L. Stub Stewart State Park? (**check ONE**)

15% Yes

85% No

37. Did you participate in any moderate physical activity during this trip (for example walking, bicycling, canoeing at a moderate pace)? (**check ONE**)

17% No

83% Yes → if yes, how much time did you spend in moderate physical activity for this trip? 183.51 minutes

38. Did you participate in any vigorous physical activity during this trip (for example jogging, walking, or bicycling at a vigorous pace, breaking a sweat, heart beating rapidly)? **(check ONE)**

65% No

35% Yes → if yes, how much time did you spend in vigorous physical activity for this trip? 124.62 minutes

39. Is your level of physical activity at L.L. Stub Stewart State Park more than, less than, or about the same as your level of physical activity in your day-to-day life? **(check ONE)**

43% My physical activity is MORE at L.L. Stub Stewart State Park than my daily life.

17% My physical activity is LESS at L.L. Stub Stewart State Park than in my daily life.

40% My physical activity is ABOUT THE SAME at L.L. Stub Stewart State Park as it is in my daily life.

40. To what degree did this L.L. Stub Stewart State Park visit result in the following health benefits for you? **(circle one number for EACH)**

	Not at all			A great deal	
A. Reducing your stress.	5%	3%	14%	36%	42%
B. Improving your level of physical fitness.	12	11	36	27	15
C. Improving your physical health.	11	9	35	30	14
D. Improving your mental health.	5	4	15	45	32
E. Reducing your anxiety.	7	4	22	38	29

41. For each of the following categories, please estimate how much you and other members of your party spent on your trip both inside the Park and within **30 miles** of L.L. Stub Stewart State Park. **Please round off to the nearest dollar.**

- Motel, lodge, cabin, B&B, other lodging: \$ see report.00
- Camping: \$ _____00
- Restaurants and bars: \$ _____00
- Groceries: \$ _____00
- Gasoline and oil: \$ _____00
- Park entry, parking, or recreation use fees: \$ _____00
- Recreation and equipment (guide fees, equipment rental): \$ _____00
- Souvenirs, clothing, and other miscellaneous: \$ _____00

42. Are you staying away from home either inside the Park or within 30 miles of L.L. Stub Stewart State Park on this trip? **(check ONE)**

31% No

69% Yes → if yes, how many nights are you staying away from home inside the Park or within 30 miles of this Park? 2.82 night(s)

43. Considering the amount that you spent on this trip, how much more would you have spent on this trip before deciding not to take it? \$ 115.89

44. Are you: (**check ONE**) 41% Male 59% Female

45. How old are you? (**write response**) see report years old

46 Which of the following best describes you? (**check ONE**)

92% White (Caucasian) 2% Hispanic / Latino 2% American Indian or Alaskan Native 2% Other (write response)
 < 1% Black/African American 3% Asian < 1% Native Hawaiian/Pacific Islander _____

47. What language is spoken most often at your home? (**check ONE**)

99% English < 1% Spanish 0% Russian 1% Other (write response) _____

48. Where do you live? (**write responses**) City / town _____ State _____ Country _____ Zipcode see report

49. Which of these broad categories best describes your *current annual household income before taxes*? (**check ONE**)

1% Less than \$10,000	15% \$90,000 to \$109,999
3% \$10,000 to \$29,999	11% \$110,000 to \$129,999
12% \$30,000 to \$49,999	6% \$130,000 to \$149,999
16% \$50,000 to \$69,999	6% \$150,000 to \$169,999
21% \$70,000 to \$89,999	9% \$170,000 or more

Please tell us how we can improve L.L. Stub Stewart State Park:

see report

Thank you, your input is important! *Please return this survey as soon as possible.*