

Appendix D: Survey Analysis

Division of Governmental Studies and Services

Final Report

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Washington State Outdoor Recreation Survey Report

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The Division of Governmental Studies and Services (DGSS) is jointly sponsored by WSU Extension and the College of Arts and Sciences, and has served as a link between Washington State University resources and the population of the Pacific Northwest for over 50 years. DGSS serves the University's land grant mission through applied social science research, program evaluation, technical assistance and training, which provides University resources for public benefit. DGSS has extensive experience in program evaluation, survey research, data analysis, and community engagement.

The William D. Ruckelshaus Center contacted DGSS to help develop and implement a survey examining Washington State resident opinions and perceptions of the current pass/permit system, options for consolidating passes/permits, and opinions on potential options for funding Washington State public lands. DGSS worked with Ruckelshaus Center staff, and representatives from several outdoor recreation agencies, including the Washington State Department of Fish and Wildlife, Washington State Parks and Recreation Commission, Washington State Department of Natural Resources, and representatives of several outdoor recreation groups to develop the survey. The areas of inquiry were developed in collaboration with the Ruckelshaus Center and participating agencies and organizations to ensure information collected would be useful for future planning and assessment. The survey was administered in collaboration with the project partners, who provided the survey in various distribution formats, including social media, newsletters, and in some cases sent the survey to a random sample of outdoor recreation users. Due to these various distribution channels, a unique survey link was provided to agencies and organizations depending on their method of distribution resulting in 14 online surveys actually being conducted.

The online surveys were administered in the Summer of 2017, and resulted in 22,864 survey responses. The majority of these responses, 16,171, were collected using non-probability sampling techniques, while 6,693 were collected based on random sampling techniques of (1) purchasers of hunting and fishing licenses in WDFW Wild, (2) individuals who use the State Parks Camis system to reserve camp sites, and (2) a random survey of Washington State residents conducted in cooperation with Survey Sampling International. The three random surveys provided sufficient response to generalize to the respective populations with a 95% Confidence Interval and 5% Margin of Error. However, it is important to note that the non-probability surveys, the WDFW Wild Survey, and the State Parks Camis survey are likely to over-represent "heavy users" of Washington State outdoor recreation public lands, particularly the non-probability surveys, and we utilize the random resident survey to contextualize the results due to its greater representativeness of the Washington State population. DGSS performed data quality assurance testing and analysis of survey results, a detailed discussion of which follows in this report.

The surveys were designed to ascertain outdoor recreation activities, pass/permits purchased, perceptions of the current pass/permit system, interest in combining certain passes/permits, support for different options being considered to fund public lands, why some households are not purchasing passes/permits, and barriers to accessing public lands in Washington State. Key findings from the surveys are provided below.

Overall findings (Descriptive Analysis)

- A majority of pass purchasers indicated that their household purchases a Discover Pass (86% of all surveys, 73% of random resident survey respondents); the second most purchased pass for all survey respondents is the Annual Northwest Forest Pass
- Nearly half of all pass purchasers (46.6%) disagreed or strongly disagreed that the pass system is easy to understand, 58.3% agreed or strongly agreed that they have shown up to a recreation site and found out they had the wrong pass or permit. A majority (60.9%) of respondents to the *random resident survey agreed or strongly agreed that the pass/permit system was easy to understand.*
- Those who purchased a pass/permit in the last 12 months are most interested the following passes: (1) a pass that combines access to all state and federal managed outdoor lands (90.5% are either very interested or somewhat interested), and (2) a pass that combines access to state managed outdoor recreation lands and National Forests in Washington State (85.4% are either very interested or somewhat interested).
- Over half of pass purchasers in all surveys indicated *ensuring public lands are adequately funded* (66%) and *reducing the number of permits/passes required* (63.6%) is a very important consideration for planning a new system.
- Just over half of the pass purchaser respondents to the random survey indicated *creating a single website where I can plan trips and purchase any passes I need* (53.9%) is a very important consideration for planning a new system. Just under half indicated that *reducing the number of permits/passes required* (49.4%) is a very important consideration for planning a new system.
- Responses indicate that the least preferred pass format preference is a license tab. A hangtag is most preferred among pass purchasers from all surveys, and a window sticker is most preferred by pass purchaser respondents to the random resident survey.
- The east preferred pass format/price preference is a more expensive pass that can be transferred to three vehicles or more. Pass purchasers responding to the random resident survey preferred a lower priced pass that is associated with one vehicle only, while pass purchasers across all surveys preferred a somewhat higher priced pass that can be transferred between 2 vehicles in a household.
- The most supported funding option across surveys is a single pass with optional add-ons, followed by the opt-in option.

Non-Pass/Permit Purchasers Overall Findings (Descriptive Analysis)

- For respondents whose household did not purchase a pass in the last 12 months, the most common reasons indicated were *other*, *passes not needed where I recreate*, and *too many passes/permits/licenses needed.*
- A higher percentage of non-purchasers indicated that they have a veteran, veteran with a service related disability, or a person with a disability in the household.

Statistical Group Comparisons

- According to the responses, non-pass/permit purchasers are significantly less supportive of all presented options for funding public lands compared to pass/permit purchasers.
- Survey respondents in Eastern Washington are significantly more supportive of a single pass that combines access to state-managed outdoor recreation lands and water craft launch sites AND a single pass that combines access to state managed outdoor recreation lands and winter recreation areas.
- Eastern Washington respondents are also significantly less supportive of eliminating passes/permits by increasing vehicle registration fees than Western respondents.
- Group comparisons also reveal that respondents who both fish and hunt are significantly more interested in a single pass that combines access to all state managed outdoor recreation lands and water craft launch sites.
- Respondents who hunt or both hunt and fish are less supportive of all proposed funding options than those who do not participate in those activities.
- Hikers are significantly more supportive of all options for funding public lands than those who do not hike.

Methods

To better understand perceptions of the current pass system, preferences for whether and how to combine passes, and options for redesigning the current system, several online surveys were conducted that combined both probability and non-probability sampling techniques using Qualtrics software. Surveys were developed by the Division of Governmental Studies and Services (DGSS) in cooperation with the Ruckelshaus Center, participating state agencies, and outdoor recreation groups. A variety of sampling techniques was utilized in an attempt to ensure that a range of Washington State residents participated, and to garner as many resident opinions on these important topics as possible. This combination of sampling techniques combines a breadth of responses with an ability to generalize to the larger population of residents within Washington State. More information on each of the techniques is presented below.

Non-probability sampling

A total of 11 non-probability surveys were implemented using social media, newsletters, and local news media from August 2017 to September 2017.¹⁷ DGSS researchers worked with various state agencies and outdoor recreation groups to ensure a variety of outdoor recreation users, and potential non-users, were invited to respond to the survey. Each participating agency or organization received a unique link for the survey to track responses across organizations. State agencies that sent out the survey via newsletter and/or social media include: State Parks, Washington State Department of Veterans Affairs, Washington State Department of Fish

¹⁷ A total of 14 organizations were contacted to share the survey; however, 4 organizations did not share the survey after a survey link was provided.

and Wildlife, and Washington State Department of Natural Resources. Outdoor recreation groups that shared the survey with their members, posted it on their social media, or shared via newsletter include: The Big Tent Coalition, Washington State Wildlife Recreation Coalition, the Washington Trails Association, and the Backcountry Horseman. Surveys were also distributed by The Washington State Democratic and Republican Caucuses, and media outlets such as KUOW and the Everett Herald.

The surveys were later combined to allow for descriptive analysis and group comparisons to be performed across surveys. A total of 18,745 individuals completed a non-random survey, potential duplicate responses were identified using Qualtrics Software and removed from the analysis (2,313) to avoid biasing estimates. This yielded a total of 16,432 total respondents. While the survey was focused on Washington State residents, some non-residents participated in the survey. For this initial analysis all non-state responses are removed to focus on Washington resident opinions and perceptions. A total of 261 out of state respondents completed non-random surveys¹⁸, once removed this leaves a total of 16,171 respondents.

Probability sampling

Where possible, probability sampling techniques were applied to provide the ability to generalize to a population. A total of three surveys were implemented using random sampling techniques: two were conducted using lists provided by State Parks and the Washington State Department of Fish and Wildlife, and the third was conducted by contracting with Survey Sampling, International to obtain a random sample of Washington State residents. More detailed information on each of the three survey types is provided below.

Washington State Parks Camis

DGSS worked with State Parks to randomly sample individuals who use the Washington State Parks Reservation System (known as Camis). The State Parks reservation system had an email list of nearly 400,000 contacts for people who booked through the system in the past two years. State Parks personnel randomly sampled approximately one-quarter of the list, and sent an email invitation to approximately 100,000 individuals. The survey invitation was sent August 17, 2017; on the date of distribution there was approximately a 28% open rate (28,019 opened the email). Of these individuals, approximately 5,832 clicked on the survey link. A total of 4,949 individuals completed the Camis random survey. Potential duplicates (626) and out of state responses (236) were removed, which left a total of 4,087 respondents. While this is a lower than desired response rate, it is somewhat expected in this case, as only one email request was sent to potential survey respondents. Additionally, it was clear during administration that a number of out of state respondents received an invitation to participate and declined to take the survey due to its focus on Washington State residents.

It is important to note that only individuals who provided an email address were able to be randomly sampled via this method. While our sample size is sufficient for a 99% confidence interval and 5% margin of error, generalization to the entire population of campers in

¹⁸ Out of state respondents were identified by their zip code.

Washington State is limited. These estimates reflect those campers who use the Camis reservation system, and provide email information.

When conducting group comparisons between types of activities, we utilized Camis data in group comparisons of camping preferences to determine whether the relationships are still present (or change) when examined with a random sample of these groups.

Department of Fish and Wildlife WILD

The Department of Fish and Wildlife sent an email invitation to a random sample of individuals who used the WILD system to purchase hunting and fishing licenses, and provided their email information. Approximately 50% of the list was randomly sampled, and the agency sent an email invitation to 23,151 individuals. The survey invitation was sent August 18, 2017, and on the date of distribution there was a 10.56% open rate (2,445 unique opens). Respondents received one invitation to complete the survey, and no follow up reminders were sent.

The WDFW WILD survey garnered a total of 1,389 respondents. Potential duplicates (206) and out of state responses (41) were removed which yielded a total of 1,142 respondents. The total sample size is sufficient for a 95% confidence interval and 5% margin of error. However, as with the State Parks survey, this reflects the total population of hunting and fishing license purchasers who provided an email address in the WDFW WILD system. Generalization to the entire population of Washington State fishing and hunting licensing purchasers should be done with caution.

When conducting group comparisons between types of activities, WDFW data was used in group comparisons of hunting and fishing to determine whether the relationships are still present (or change) when examined with a random sample of these groups.

Random Washington State Resident Survey--Sampling International Washington Resident Survey

DGSS contracted with Survey Sampling, International (SSI) to obtain a representative sample of Washington State residents. Because the other surveys conducted for the purpose of this study used lists and contacts from Washington State outdoor recreation agencies or participating outdoor recreation groups, it was determined that a separate random survey should be conducted in order to obtain a representative sample of Washington State residents overall, in hopes of hearing from individuals who do not regularly recreate on State or Federally-managed lands in Washington.

DGSS provided the online survey link to SSI, which maintains a global database of survey panelists to aid in marketing research. DGSS requested a representative sample of Washington State residents and worked with SSI to ensure representativeness in terms of (1) Pass/permit purchasers and Non pass/permit purchasers, and (2) East/West participation. SSI utilizes online sampling and panelist recruitment, and works with several recruiting partners to ensure representativeness to the requested population, in this case Washington State. According to SSI methodology, due to our overall sample size of 1,464 individuals, we can expect a 95% CI with approximately 5% MOE. While SSI makes use of various techniques, including multi-sourcing

models and methodology to reduce non-coverage errors, it is important to note that this survey is subject to the same limitations as other panel data garnered from corporate resources. That being that the respondents may not accurately reflect the Washington State population in some respects. For example, it may be that the use of public lands for recreation is an experience not easily enjoyed by residents in a lower income bracket. Also, there may be population groups in Washington State who do not have access to high-speed Internet, so are not able to easily respond to online surveys. However, these concerns are ever-present when researchers conduct online surveys and are not unique to panel data recruitment. While SSI ensures that its multi-source panels are representative, contact list details are not shared, therefore, generalization to Washington residents as a whole should be done with some caution.

Since all other surveys conducted were not of a random sample of residents, and many were taken from contact lists from public land management agencies, WDFW Wild and State Parks Camis will likely feature frequent pass-purchasers or “heavy users” of outdoor recreation lands. The random resident survey was used as a point of comparison in descriptive analysis since it is the most representative survey of Washington State residents as a whole, not just those who participate in outdoor recreation. As such it serves to provide context to the results overall since respondents to this survey are less likely to be frequent users of public outdoor recreation lands.

Results

Descriptive Analysis

Analysis of all surveys revealed that slightly over half of the respondents are female (50.8%), a majority are Caucasian (85.4%) and non-Hispanic (96.4%), and that the primary language spoken in the household for the overwhelming majority of respondents is English (98.4%). Just under forty-two percent indicated that they have 2 registered vehicles for their household (41.9%), and their approximate household income in 2016 before taxes was between \$40,000 and \$69,999 (23%). Approximately, 14% have a veteran in the household, 1.2% have someone in the household on active duty in the military, and 3.1% have a Veteran in the household with a service related disability level of 30% or more. Additionally, 7.3% indicated that a person with a disability lives in the household, while 0.5% indicated they are a foster care provider. In terms of outdoor activities, a majority of respondents indicated that they engaged in hiking (day trips) (84.3%, 14,994), followed by camping (tent at an established campground, reservations required) (61.4%, 10,917). A slightly higher percentage of total respondents indicated that they engaged in at least five outdoor activities (13.1%), and most respondents indicated that they reside in Western Washington (85.4%, 15,195).

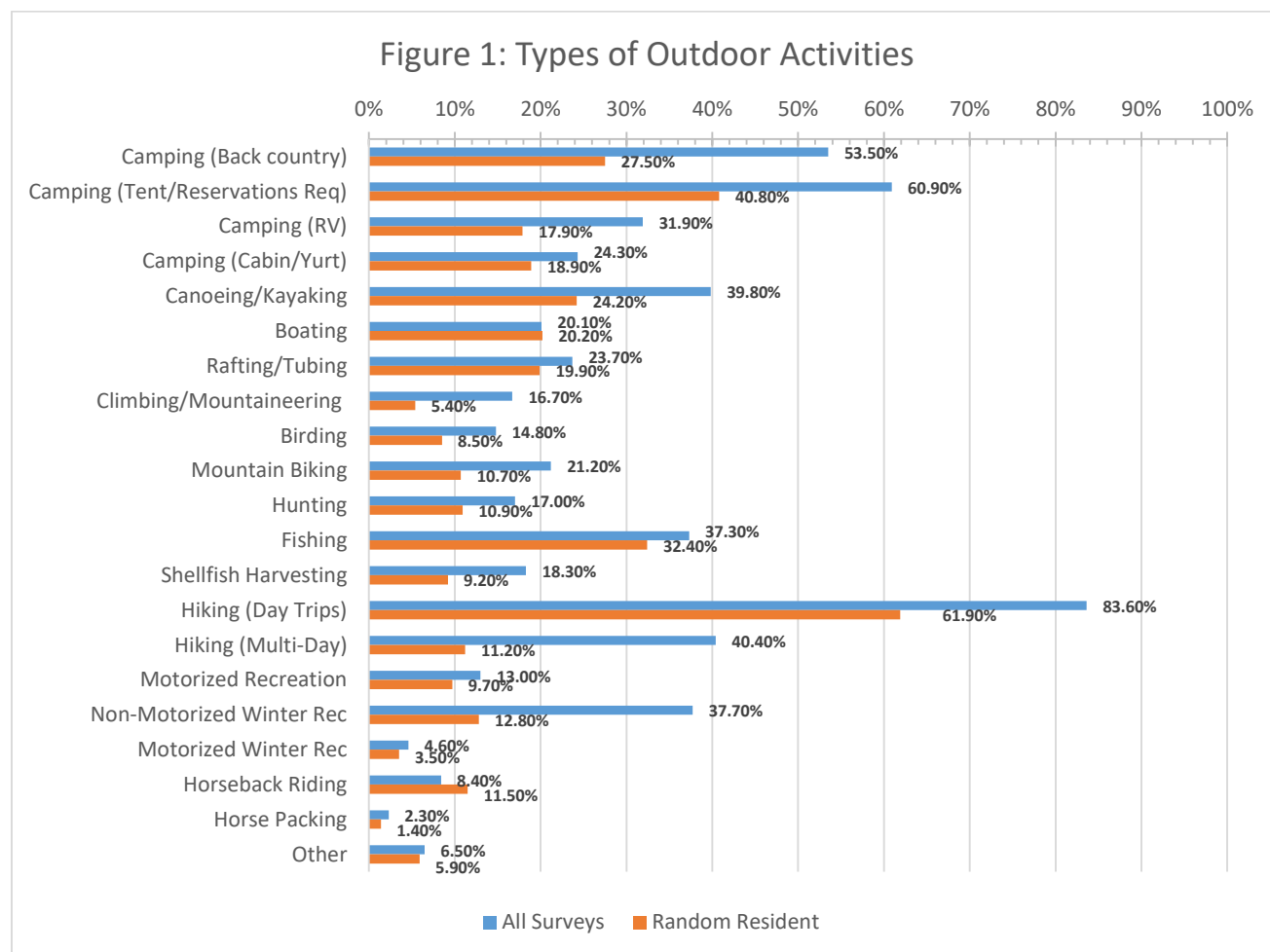
Table 1: Descriptive Statistics for Total Surveys, and Individual Surveys

	All Surveys	Non-Random	WDFW Wild	CAMIS	Random Resident
Gender	Female (50.8%)	Female (51.4%)	74.6% (Male)	50.2% (Male)	63% (Female)
Race	85.4% (Caucasian)	90.2% (Caucasian)	95.3% (Caucasian)	92.8% (Caucasian)	86% (Caucasian)
Ethnicity	Non-Hispanic (96.4%)	Non-Hispanic (96.5%)	Non-Hispanic (97.8%)	Non-Hispanic (97.3%)	Non-Hispanic (93.5%)
Primary Language	English (98.4%)	English (98.5%)	English (98.8%)	English (97.9%)	English (97.9%)
# of Registered Vehicles	2 (41.9%)	2 (42.6%)	2 (37.8%)	2 (41.1%)	2 (40.4%)
Income	\$40,000-\$69,999 (23%)	\$40,000-\$69,999 (22.4%) \$70,000-\$99,999	\$70,000-\$99,999 (26%)	\$40,000-\$69,999 (23.9%)	\$40,000-\$69,999 (25%)
Types of Outdoor Recreation	Hiking-day trips (83.6%)	Hiking-day trips (89%)	Hiking-day trips (75.6%)	Hiking-day trips (70.6%)	Hiking-day trips (61.7%)
# of Outdoor Recreation Activities	5 (13.1%)	6 (13.4%)	5 (13%)	4 (14.9%)	1 & 2 (14.3%)
East/West	West (85.4%)	West (86.8%)	West (72.8%)	West (87.2%)	West (77%)
Total Responses	22,864	16,171	1142	4087	1464

Types of Activities

All survey respondents were asked questions about the type of outdoor recreation activities in which they engage. The percentage of all respondents engaging in each activity (% of respondents for all surveys combined), and random resident survey respondents (for comparison) in Figure 1 below. As can be seen in Figure 1, the vast majority of respondents for all surveys and for the random resident survey indicated that they engage in Hiking/Day Trips (83.6% 19,111, and 61.7% respectively), followed by Camping (Tent/At an Established Campground/Reservation Required) (60.9% 13,929, and 41.1% respectively). The activity conducted the least among respondents for all surveys including the random resident survey is Horse Packing.

The Statewide Outdoor Recreation Planning (SCORP) document estimates from previous survey data that approximately 53% of respondents engage in Day-Hiking. This suggests that individuals who engage in Day-Hiking may be over-represented across all surveys, which is further supported by the fact that the Washington Trails Association Survey responses account for nearly half of all survey responses (8344, 46.9%). Rather than under-weight these responses (and potentially de-valuing the importance of these individuals in assessing perceptions and opinions of key issues), where applicable we provide group comparisons between these individuals and all other respondents to contextualize responses.



Passes/Permits Purchased or Acquired in the Last 12 Months

All survey respondents were asked whether they, or anyone in their household, purchased or acquired outdoor recreation passes or permits in the last 12 months. Unsurprisingly, the vast majority of all respondents across all surveys indicated that they did (88.3%, 20,189). For the random resident survey, responses to this question are more evenly split: 50.2% said yes, while 49.8% stated *no*. We provide further analysis of responses who indicated that they purchased or acquired a pass below, while analysis of those who did not purchase a pass begins on page 21.

Survey respondents who indicated that someone in their household purchased or acquired a pass or permit in the last 12 months, were asked which passes or permits were obtained. Beginning with passes purchased (See Figure 2 Below), a vast majority of survey respondents indicated they purchased an annual Discover Pass (86.0%, 17354). The next most purchased passes among all respondents are the Annual Northwest Forest Pass (34.4%, 6,974) and the Interagency Pass (27.8%, 5,609). Regrettably, 33.5% (1,881) of respondents who purchased the Interagency Pass also purchased the Annual Northwest Forest Pass, even though the Interagency Pass already provides access to all National Forests. These results are similar to the random resident survey responses. The majority of random resident survey respondents indicated that they purchase the annual Discover Pass (73.0%, 550). However, the next most purchased or acquired passes/permits are the Vehicle Access Pass (28.0%, 211) and the One-Day Discover Pass (22.7%, 171).

Very few respondents indicated that their household acquired a reduced or free pass in the last 12 months (Figure 3 Below). The most acquired free or reduced pass among all survey respondents is the Federal Access Pass (Interagency Pass) for U.S. permanent residents/citizens with a permanent disability) (4.4%, 891). In contrast, the most acquired free or reduced passes for random resident survey respondents are the Annual Discover Pass for Volunteers (5.0%, 38) and the Federal Access Pass (Interagency Pass) for U.S. permanent residents/citizens with a permanent disability) (5.6%, 42).

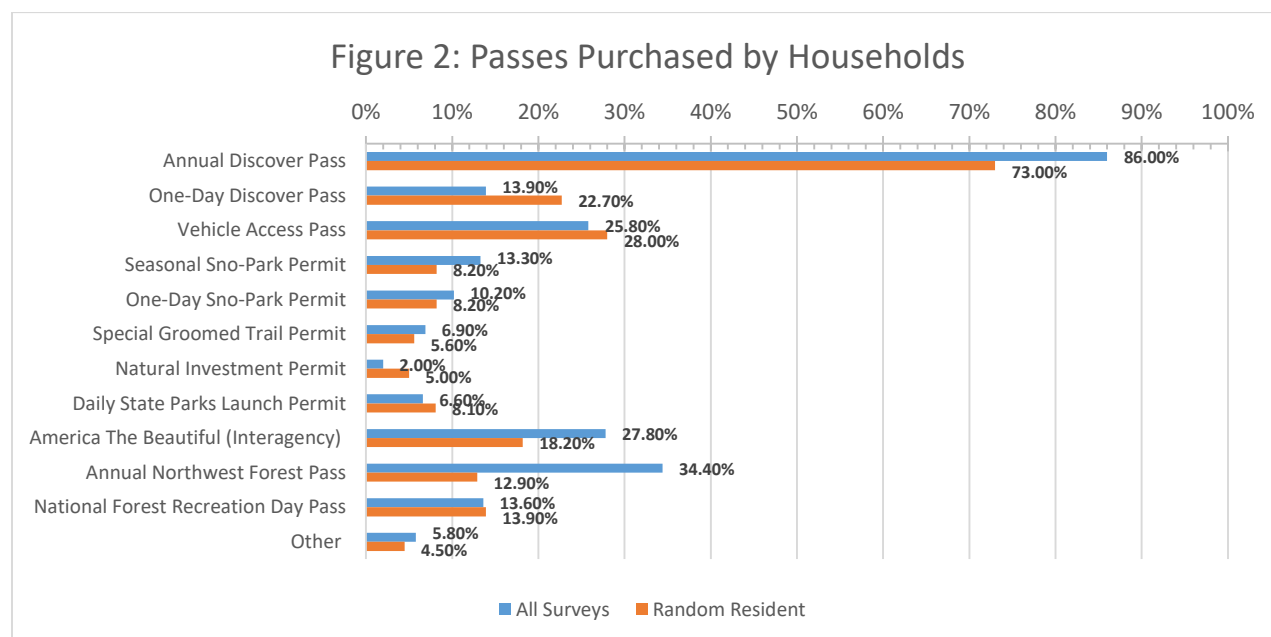
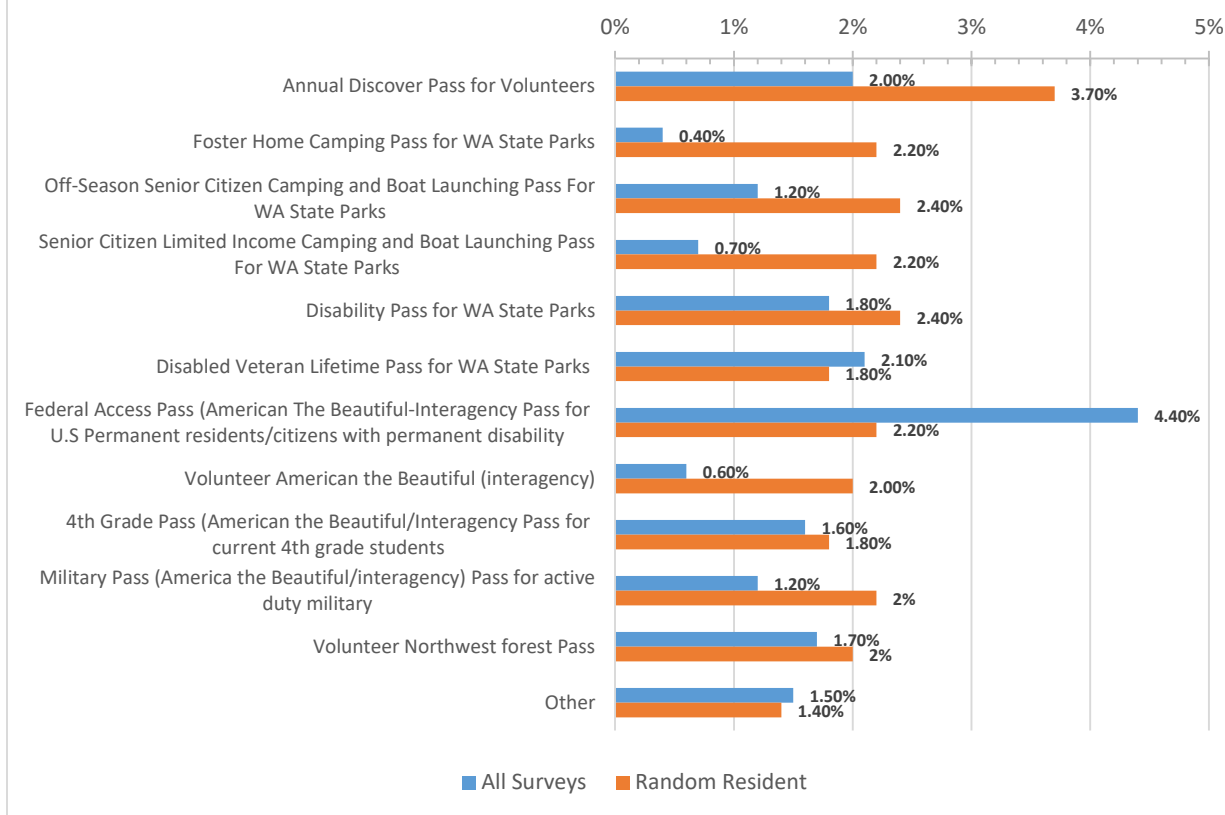


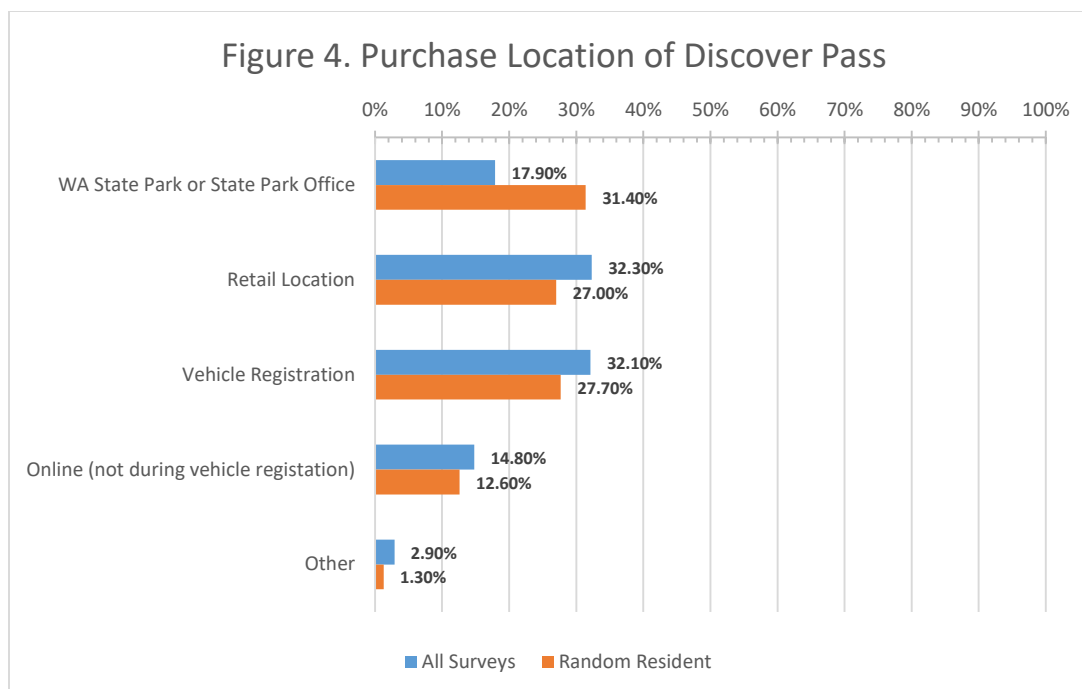
Figure 3: Free and Reduced Passes Acquired by Households



Annual Discover Pass Purchases

Respondents who indicated their household purchased the Annual Discover Pass were asked where they purchased their pass. The highest percentage of respondents from all surveys indicated that they purchased their Annual Discover Pass at a retail location such as Big 5, REI, etc. (32.3% 5,386). This percentage was followed closely by those who purchased their Discover Pass during vehicle registration (32.1%, 5,356). In comparison, a larger percentage of random resident survey respondents indicated they purchased their Annual Discover Pass at a Washington State Park or at a State Park Office (31.4%, 169), followed by purchases during vehicle registration (27.7%, 149).

Figure 4. Purchase Location of Discover Pass



Respondents who indicated that they purchased the Annual Discover Pass in the last 12 months were asked several questions on how likely it is that they would purchase an Annual Discover Pass at different prices: \$35, \$40, \$45, \$50, and \$55. The exact wording of the question is as follows: *The price of the Discover Pass currently ranges from \$30 to \$35 depending on where it is purchased. If the price of the Discover Pass was set to the prices below, please indicate the likelihood your household would purchase it.* The majority of respondents from all surveys indicated they would definitely purchase the Discover Pass at \$35, and over 80% of respondents indicated they would definitely purchase or probably purchase a Discover Pass at \$40, while over half of respondents indicated they would either definitely purchase or probably purchase at \$45 (See Figure 5 Below). Similarly, nearly 80% of random resident survey respondents indicated they would definitely purchase for \$35, over 80% said they would definitely purchase or probably purchase for \$40, while over half also indicated they would definitely purchase or probably purchase for \$45. Interestingly, crosstab analysis seems to reveal some relationship between where the Discover pass was purchased and likelihood of purchasing at each of the prices. While a majority of respondents indicated they would purchase the pass at \$35 no matter where they purchased their Discover Pass, higher percentages of those who purchased during vehicle registration renewal or online indicated they would definitely purchase or probably would purchase at \$40 and \$45.

Figure 5: Likelihood of Purchasing Discover Pass For Varying Price Points: All Surveys

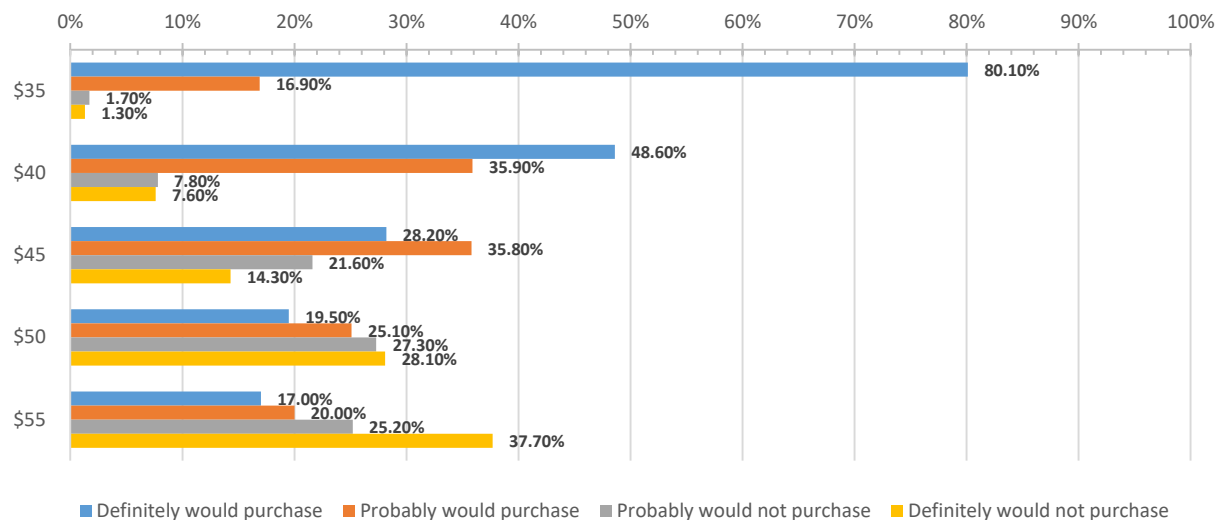
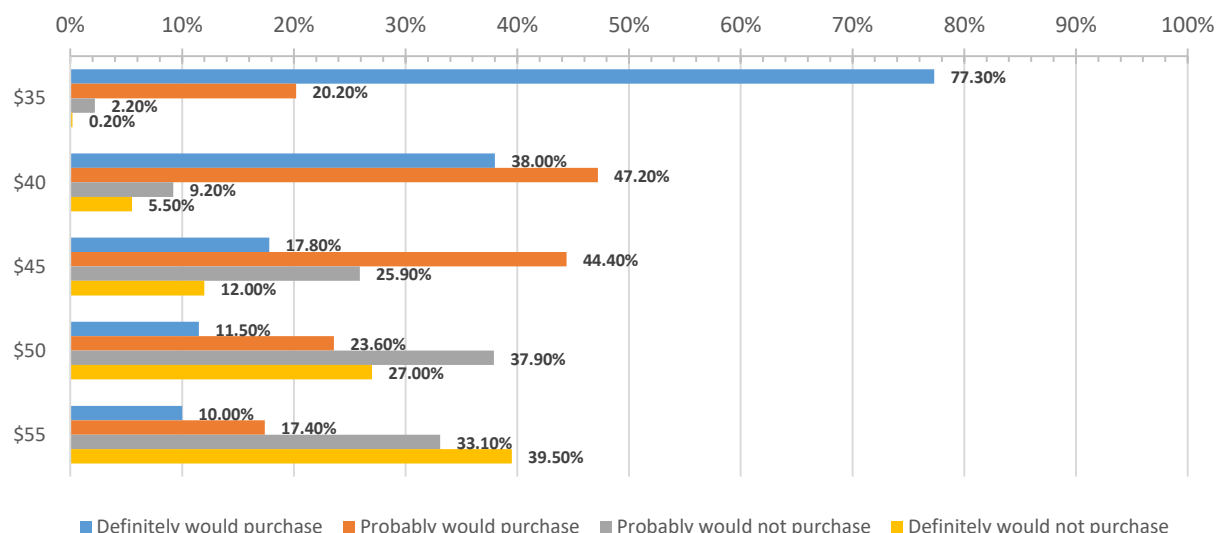


Figure 6: Likelihood of Purchasing Discover Pass For Varying Price Points: Random Resident Survey



Perceptions of the Current Pass System

Respondents who purchased or acquired passes and or permits in the last 12 months were asked several questions about their perceptions and experiences with the current pass system. Respondents were asked to indicate their level of agreement with the following statements: The current pass and permit system is easy to understand, I have changed my recreation plans because I did not know which pass or permit I needed, I have shown up to a recreation site and

found out that I had the wrong pass or permit, and I have changed my recreation plans because I could not afford the required passes/permits. As can be seen in Figure 7 below, nearly half of all respondents either disagreed or strongly disagreed that the current pass system is easy to understand (46.6%, 8,853 combined), and a majority of all respondents strongly agreed or agreed that they have shown up to a recreation site and found out that they had the wrong pass or permit (58.3%, 10,954 combined). While this suggests that the current pass system is confusing for respondents, this seemingly has not led most respondents to change their recreation plans. Nearly half of all respondents have disagreed or strongly disagreed that they have changed their recreation plans because they did not know which pass or permit was needed (43.4%, 8,159 combined), while the majority (55.3%, 10,387 combined) indicated they have not changed their recreation plans because they could not afford the required permits/passes.

Comparison to random resident survey respondents illustrates some interesting differences. For instance, a majority of random resident survey respondents indicated the current pass and permit system is easy to understand (60.9%, 535), while nearly half of respondents disagreed or strongly disagreed that they have shown up to a recreation site and found out they had the wrong pass or permit (46.9%, 413). Similar to all survey respondents, a larger percentage of random resident survey respondents disagreed or strongly disagreed that they have changed their recreation plans because they could not afford the required passes/permits, and have changed recreation plans because they did not know which pass or permit they needed (43.4%, 398).

Figure 7: Perceptions of Current Pass System All Surveys

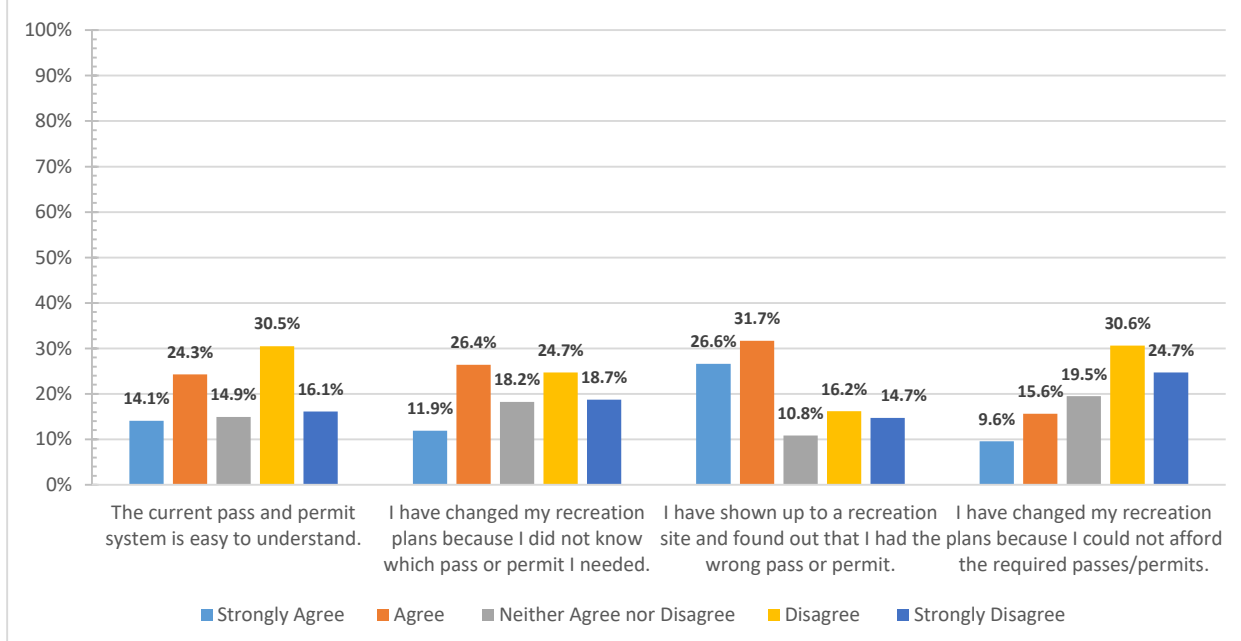
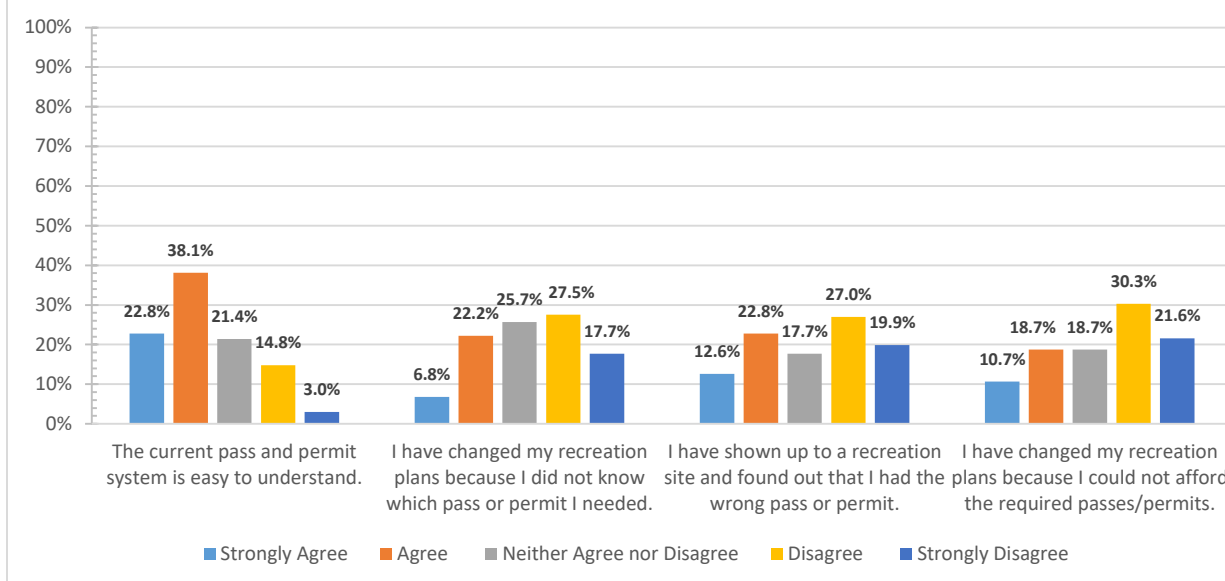


Figure 8: Perceptions of Current Pass System Random Resident Survey



Interest in Combination Passes/Permits

State agencies and participating outdoor recreation groups were interested in examining whether combination passes would appeal to current pass/permit purchasers. All respondents who purchased or acquired a pass or permit in the last 12 months were asked their level of interest in combining certain passes/permits, including a pass or permit that gives access to all state and federal managed outdoor recreation lands in Washington state, a pass that gives access to all state managed outdoor recreation lands and all National Forests in Washington states, a pass that gives access to all state managed outdoor recreation lands and water craft launch fees, and a pass that gives access to state managed outdoor recreation lands and winter recreation areas. These passes were chosen because they combine passes that are currently available for purchase. As can be seen in Figure 9 below, a majority of all survey respondents were very interested or somewhat interested in a single pass that gives access to all state and federal managed lands in Washington State (90.5%, 16,880), and a single pass that gives access to all state managed outdoor recreation lands and National Forests in Washington State (85.4%, 15,370). There is far less interest in a single pass that combines access to all state managed outdoor recreation lands and water craft launch fees (39.5%, 6,851 either very interested or somewhat interested), and a single pass that combines access to all state managed outdoor recreation lands and winter recreation areas (55.2%, 9654 either very interested or somewhat interested).

As seen in Figure 10, random resident respondents were less interested in the combination passes (as evidenced by a smaller percentage of these respondents indicating that they are very interested). However, when considering both interested and somewhat interested responses, a majority of random resident respondents are interested in the single pass or permit that gives

access to all state and federal managed outdoor recreation lands in Washington State (86.2%, 755), and a single pass or permit that gives access to all state managed outdoor recreation lands and National Forests in Washington states (80.7%, 699).

Figure 9: Interest in Combination Passes All Surveys

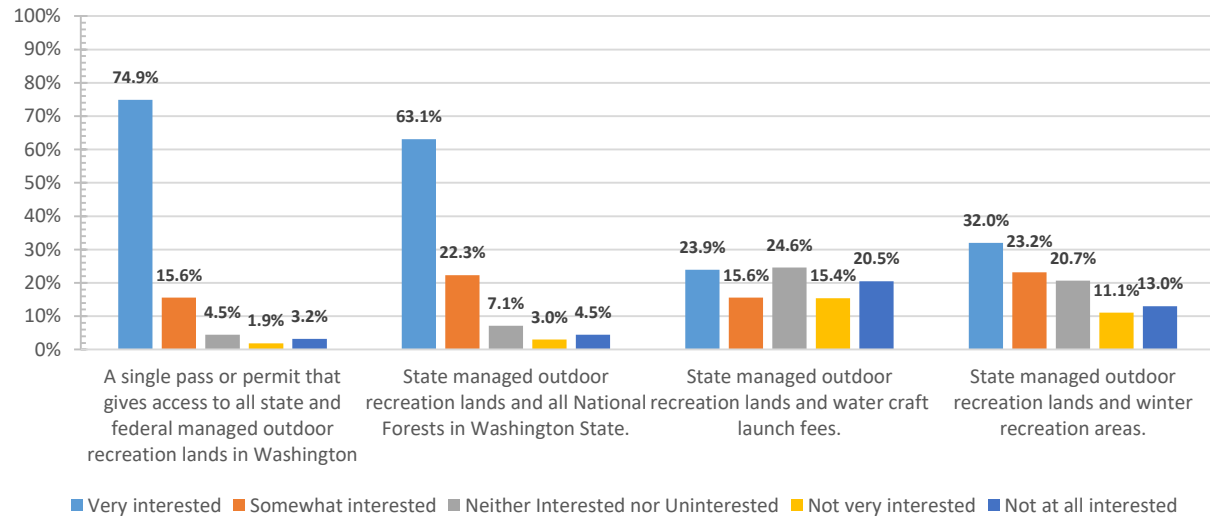
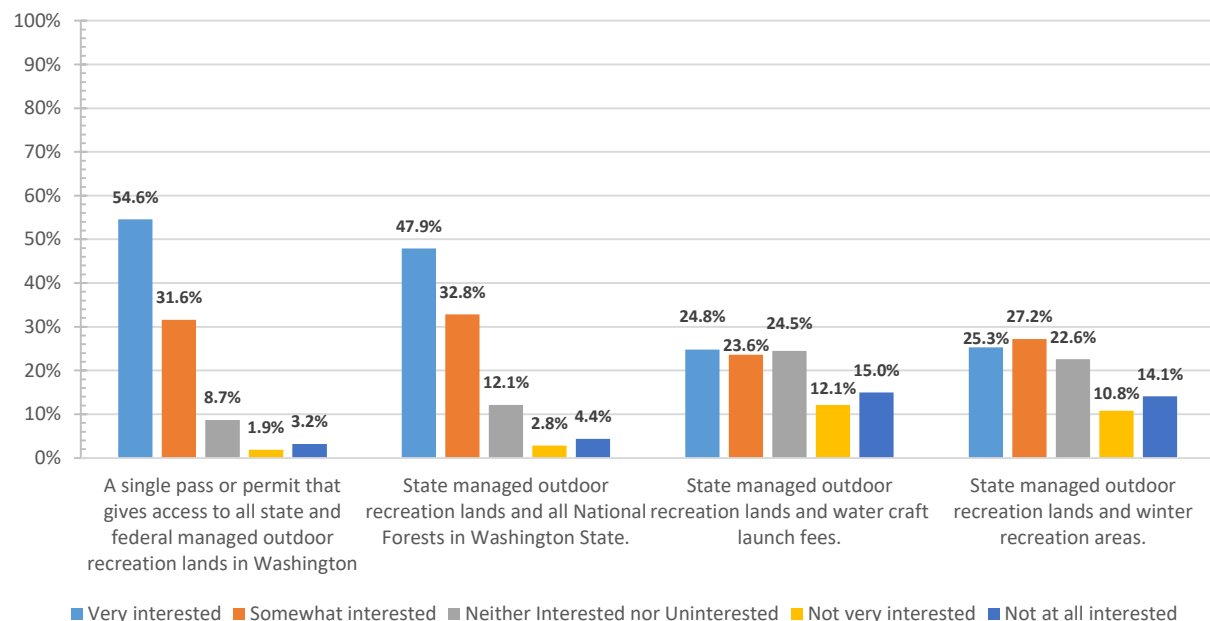


Figure 10: Interest in Combination Passes Random Resident Survey



Considerations for Planning and Designing a New System

Respondents were asked several questions regarding their opinions on changing the current system for managing public lands. They were asked to rate the level of importance of several considerations regarding potential changes to the current system. As can be seen in Figure 11 below, survey respondents indicated that ensuring that public lands are adequately funded (66%, 12,133), reducing the number of permits/passes required (63.6%, 11,730), providing access to state managed public lands and federal lands with a single pass (56.6%, 10,435), and creating a single website that can plan trips and purchase any passes needed (53.1%, 9,768) are important considerations for designing and planning a new system. Interestingly, 75.7% (13,904) of respondents indicated that ensuring easier access for Seniors, Veterans and Low Income individuals is important or very important, and fewer respondents indicated that reducing costs to access state-managed public lands is either important or very important (58.9%, 10,829).

In contrast to all survey respondents, only one consideration was rated as very important by a majority of random resident survey respondents: creating a single website where individuals can plan trips and purchase any passes needed (53.9%, 469). A higher percentage of random resident survey respondents indicated some level of importance for reducing costs to access state-managed public lands (73.5%, 629). Additionally, a vast majority of random resident survey respondents also indicated that ensuring public lands are adequately funded (86.2%, 748), and ensuring easier access for Seniors, Veterans, and Low Income Individuals (78.8%, 683) are important or very important.

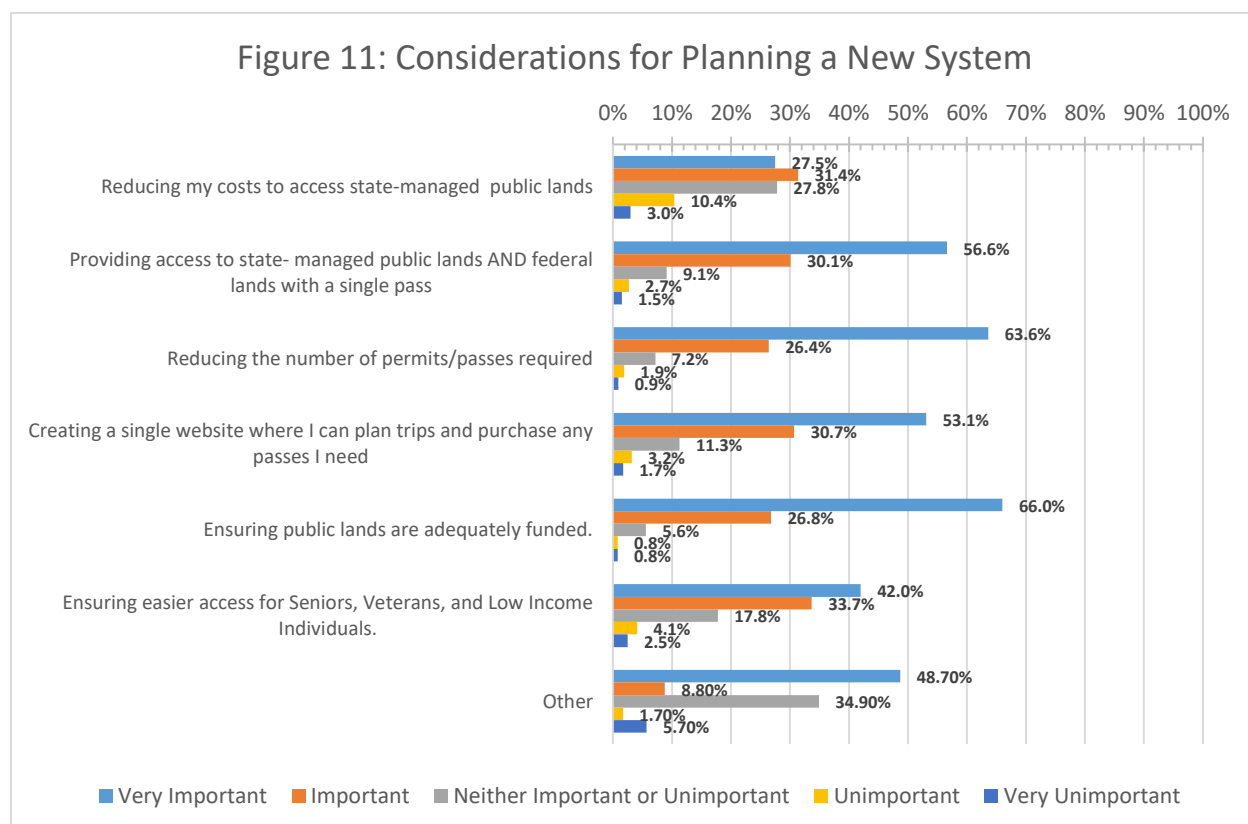
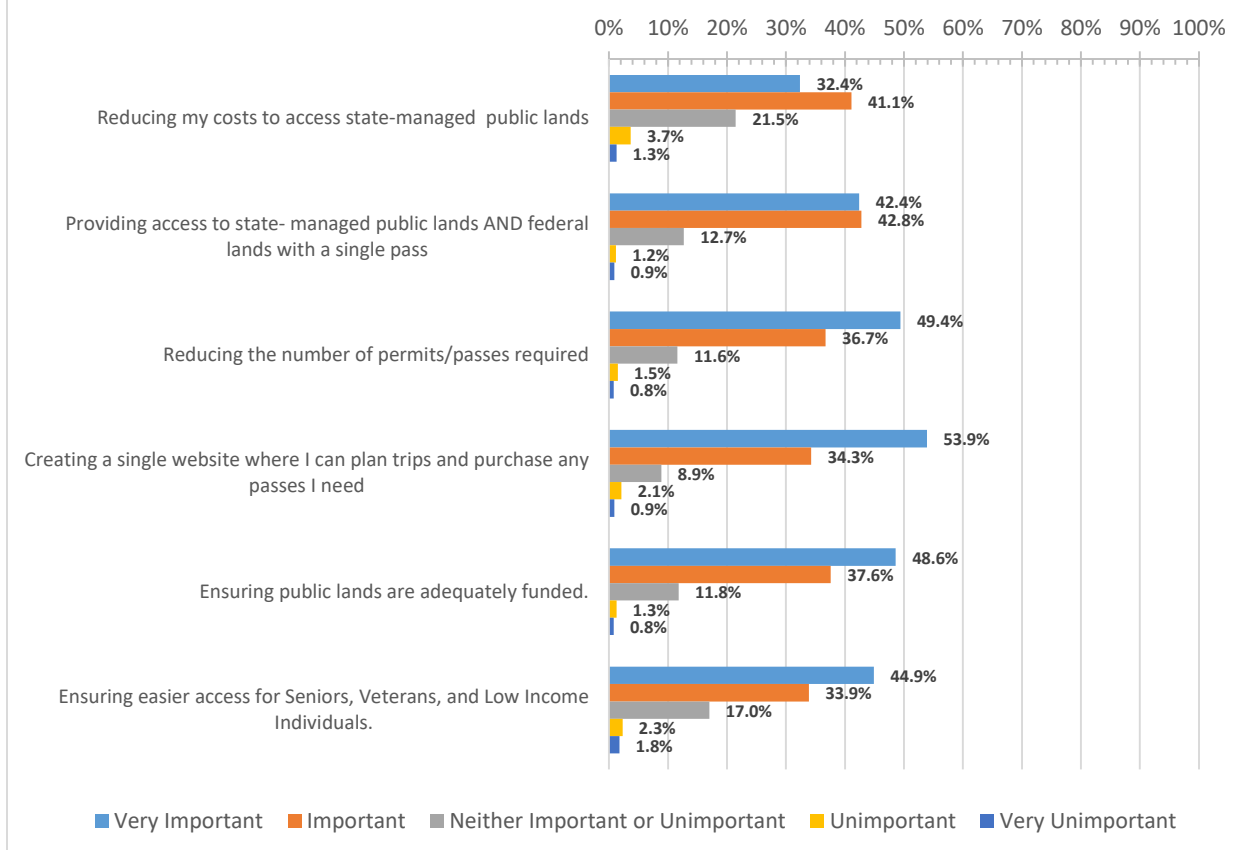


Figure 12: Considerations for Planning a New System Statewide Survey



Pass/Permit Format Preference

Respondents who indicated their household had purchased or acquired a pass/permit in the last 12 months were also asked about their pass format preferences. Respondents were asked to rank the provided format options (Window Sticker, Hang Tag, License Tab) from their 1st choice (most preferred), 2nd choice, to 3rd choice (least preferred). Among all survey respondents, the hang tag was the most preferred (1st choice) format (56.8%, 10,443), followed by a window sticker as the second choice (47.3%, 8,594). The least preferred option (3rd choice) was the license tab (56.9%, 10,301). Similarly, most random resident survey respondents (Figure 14) indicated a hang tag was their most preferred choice (46.8%, 399), while a slight majority indicated a license tab was their least preferred choice (52.3%).

Figure 13: Pass Format Preference All Surveys

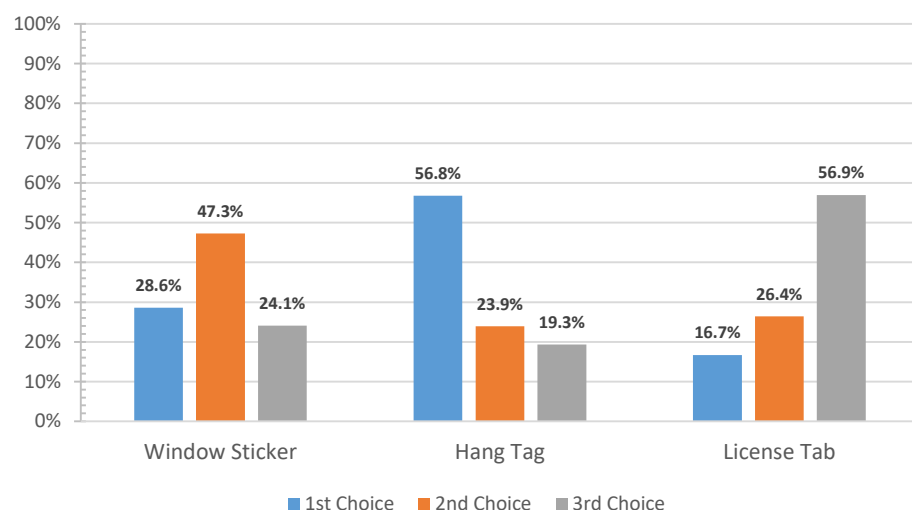
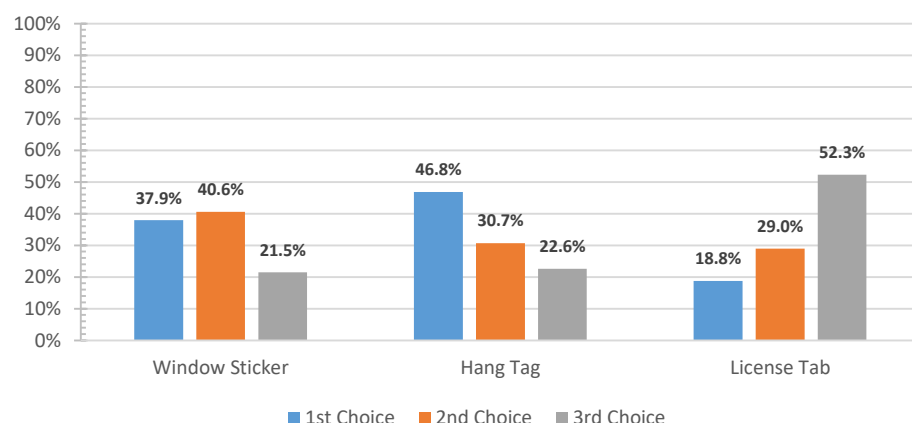


Figure 14: Pass Format Preferences Random Resident Survey



To further examine pass format preferences and their relationship to pricing preferences, respondents were asked to rank the following format and pricing options from most preferred (1st choice) to least preferred (3rd choice): a lower priced pass that is associated with one vehicle only, a somewhat higher priced pass that can be used by up to two vehicles in a household, and a more expensive pass that can be transferred among three vehicles or more. Figure 13 illustrates that when price and transferability are considered, a vast majority of respondents (79.1%, 14,332) indicated a more expensive pass with transferability to three vehicles or more is the least preferred option. A slightly higher percentage of all survey respondents indicated a somewhat higher priced pass that can be transferred between two vehicles in a household is the most preferred option.

When format and pricing preferences are combined, random resident survey respondents differ in their most preferred format compared to all survey respondents. A majority of random resident survey respondents indicated that a lower priced pass associated with one vehicle is the most preferred option (55.1%, 479), while a similar percentage indicated a more expensive pass that can be transferred among three vehicles or more is the least preferred option (81.3%, 705). These responses, in combination with other responses regarding changing the current system, indicate that random resident survey respondents are more concerned with pricing of passes and permits compared to all survey respondents.

Figure 15: Pass Format and Price Preferences All Surveys

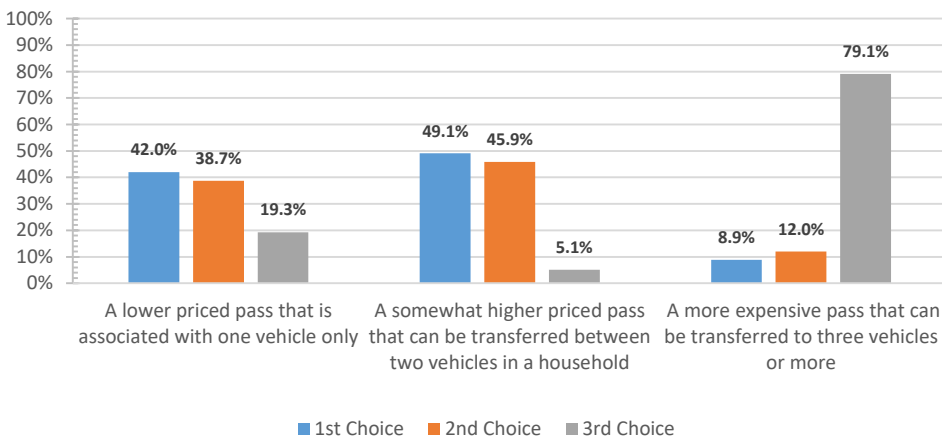
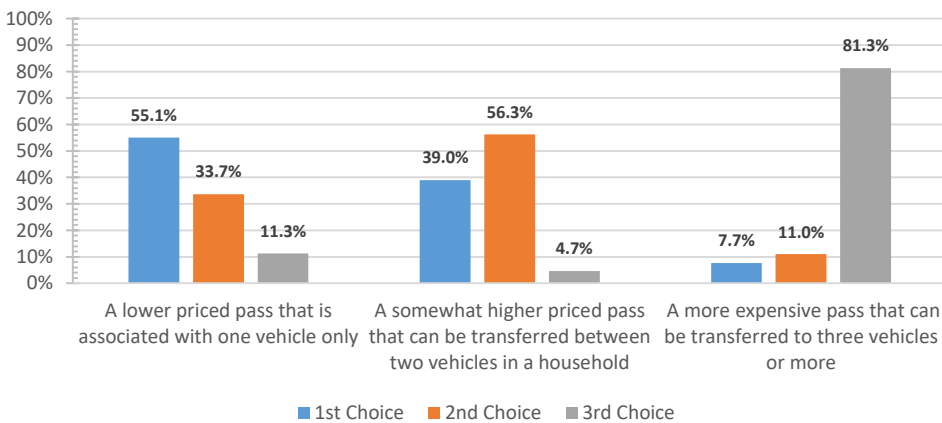


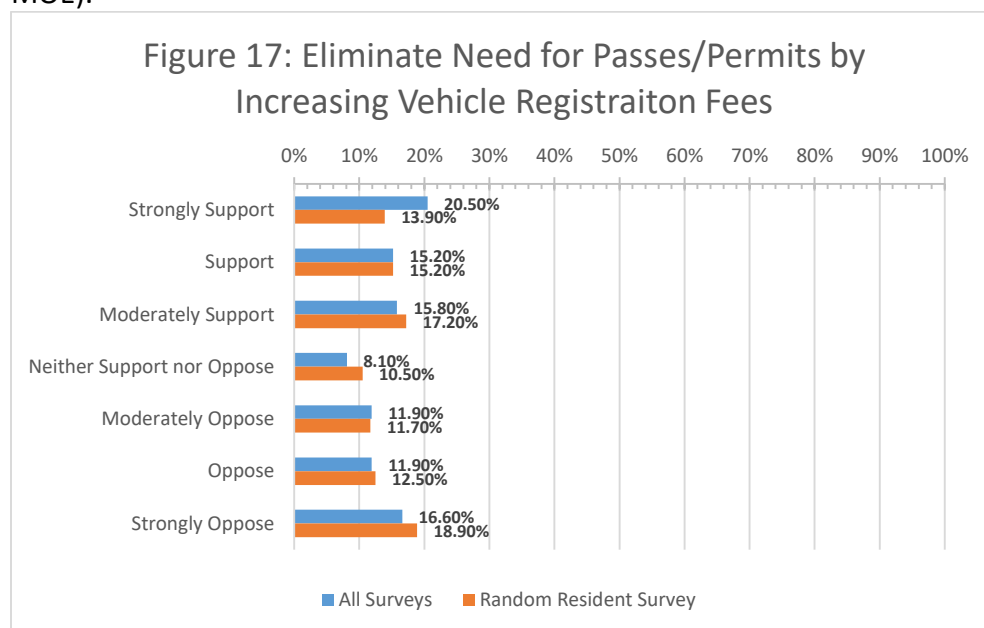
Figure 16: Pass Format and Price Preferences Random Resident Survey



Support for Different Options for Funding Washington State Public Lands

Eliminating the need for passes/permits by increasing vehicle registration fees

All survey respondents regardless of whether they purchased or acquired a pass or permit in the last 12 months were asked a series of questions regarding their support of different options for funding Washington State Public lands. For the first option, all respondents were asked their level of support for eliminating the need for passes/permits by increasing vehicle registration fees for all Washington State residents. Specifically, respondents were asked their level of support for the following option: *Eliminate the need for passes/permits by increasing vehicle registration fees for all Washington State residents*. Access to public recreation lands would simply require a Washington State license plate. As can be seen in Figure 17 below, similar percentages of survey respondents across all surveys and the random resident survey only respondents indicated they either strongly support, support or moderately support this option (51.5% and 9,968 and 46.7%, 640 respectively). However, a lower percentage of random resident survey respondents strongly support this option compared to all respondents (13.9% and 192, 20.5% and 3,969 respectively). Further findings show that the median response from the random resident survey was “neither support nor oppose”. Overall, 46.4% of random resident survey respondents indicated some level of support for this option (95% CI, 2.6% MOE).



Additionally, all survey respondents were asked their level of support for various pricing options if vehicle registration fees were increased to eliminate the need for passes. Pricing levels included the following increase amounts: \$7, \$9, \$11, \$13, and \$15. Unsurprisingly, there is more support among all survey respondents for the lowest price increase of \$7 (73%, 13,334, indicated strongly support, support or moderately support). However, over half of all survey respondents also indicated some level of support for \$9 (65.5%, 11,760), and \$11 (57%, 10,241) (See Figure 18 Below). In contrast, random resident survey respondents were less supportive of each of the pricing options compared to all respondents combined (Figure 19 Below). Over half

of random resident survey respondents indicated some level of support for \$7 (68%, 927), and \$9 (56.8%, 762). For all other pricing options (\$11 to \$15), more random resident survey respondents indicated some level of opposition to the price increases.

Figure 18: Support for Increasing Vehicle Registration Fees the Following Amounts All Respondents

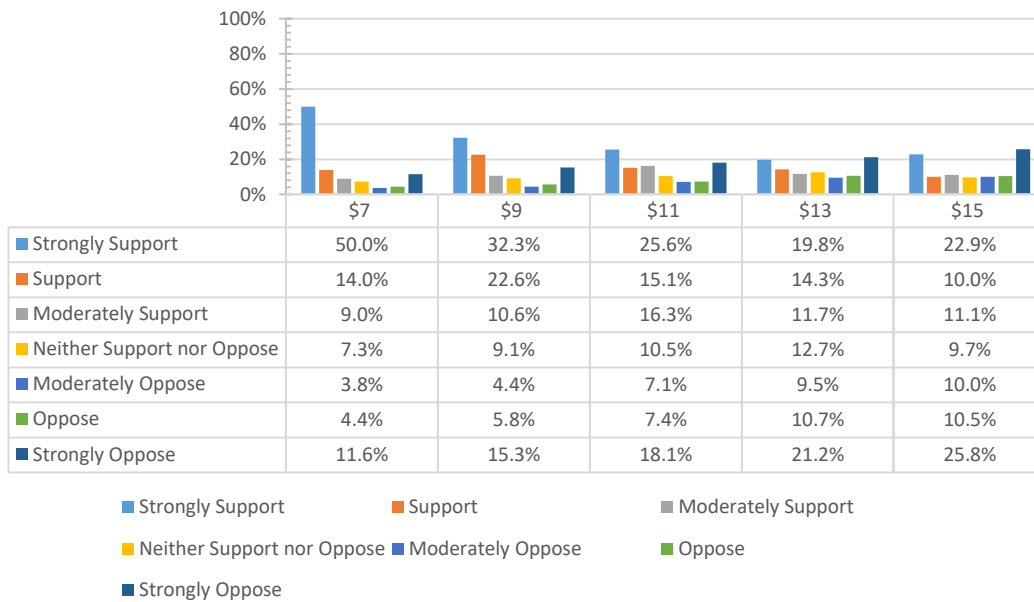
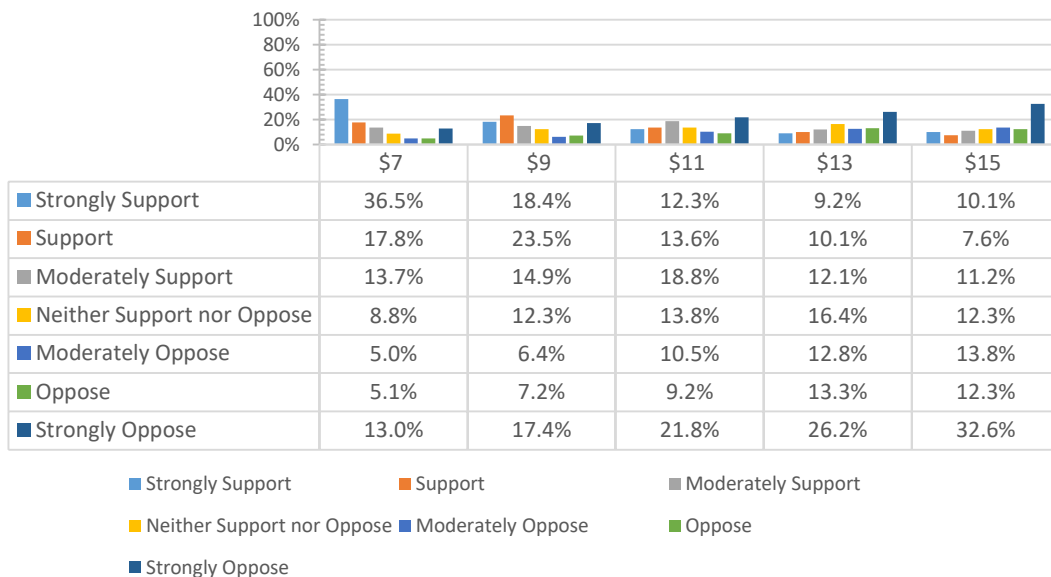
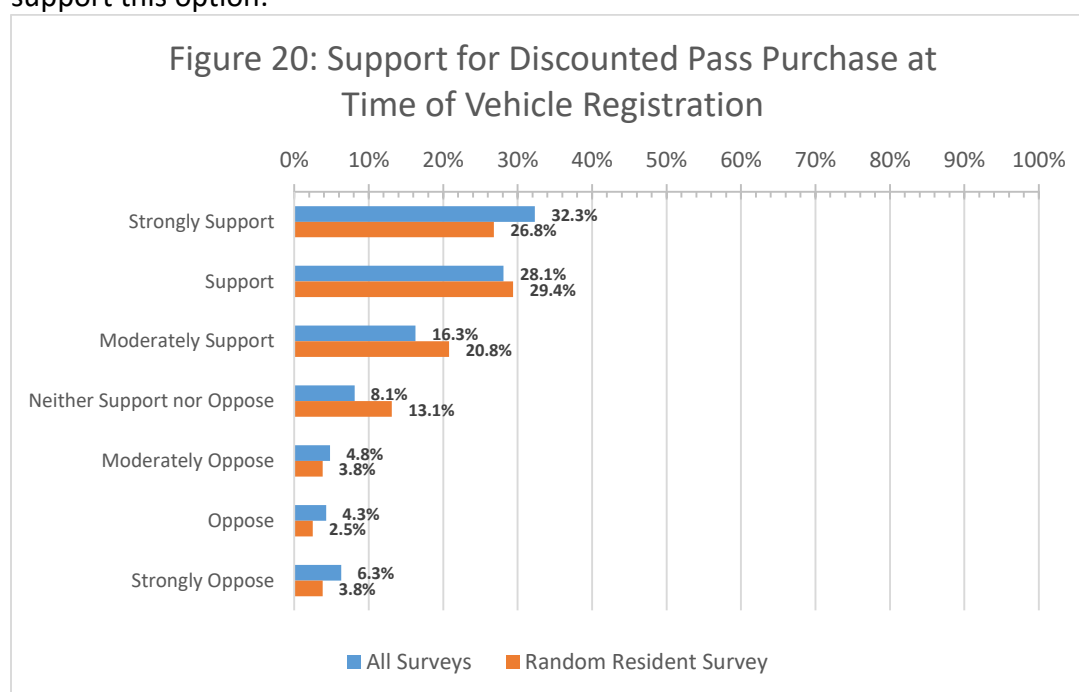


Figure 19: Support for Increasing Vehicle Registration Fees the Following Amounts All Responses Random Resident Survey



Support for Discounted Pass to Access State Managed Outdoor Recreation Lands at Time of Registration

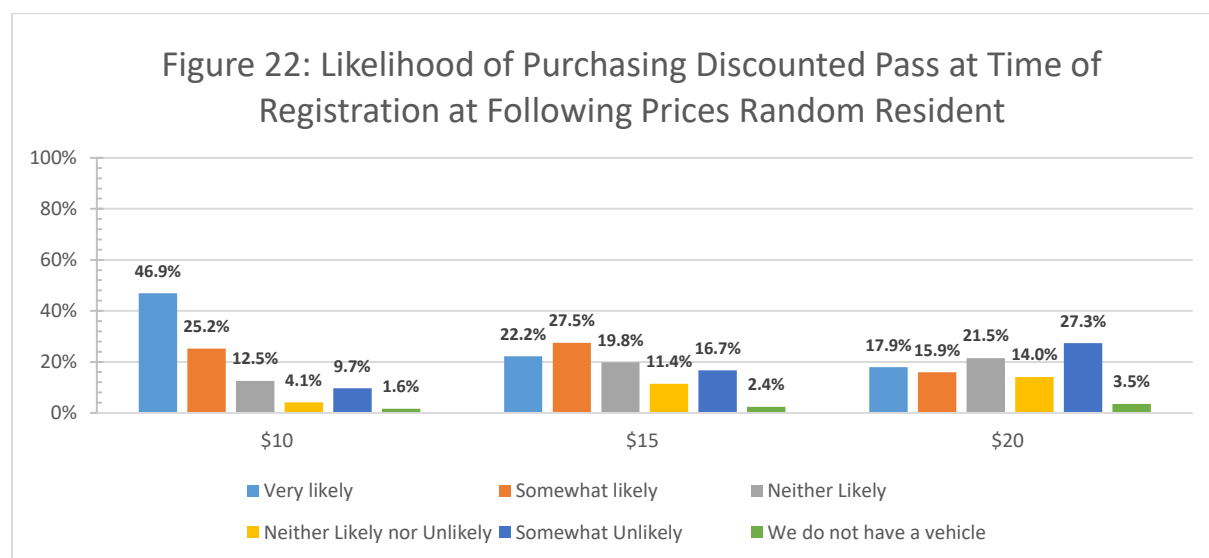
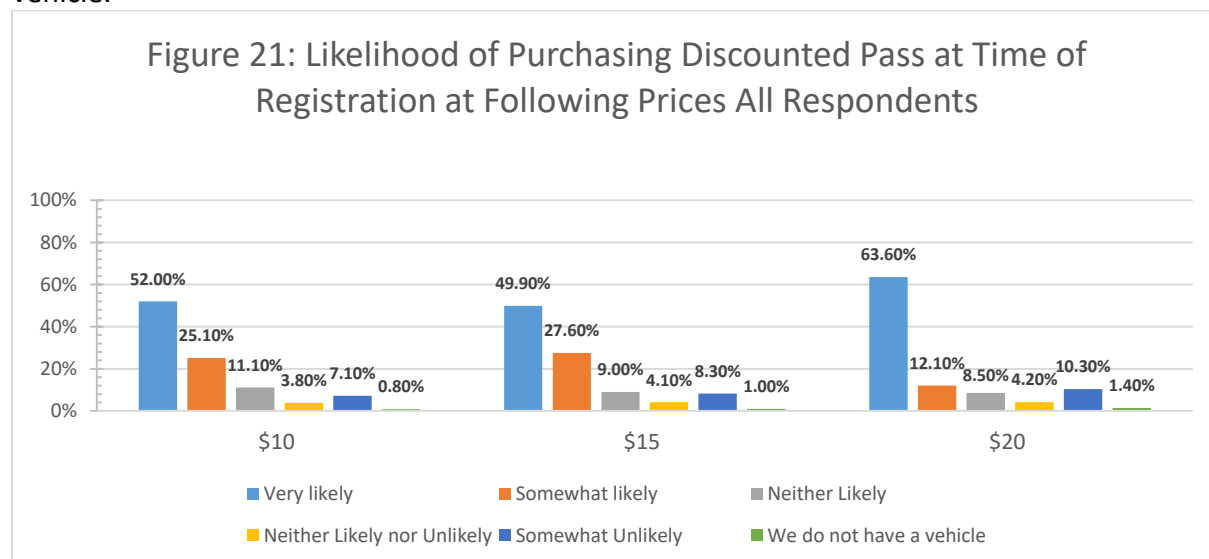
All survey respondents were then asked to indicate their support for the following option: *during vehicle registration, all Washington State residents would have an opportunity to purchase a discounted pass to access state managed outdoor recreation lands. Those who do not purchase the pass at the time of registration would have the option to purchase a pass later at a higher price. Residents who pay the fee during registration would receive special license tabs to access Washington State managed outdoor recreation lands.* As illustrated in Figure 20 below, 76.7% (14,775) indicated some level of support for this option, and 60.4% (11,630) either support or strongly support this option. This is very similar to random resident survey respondents, with a total of 77% (1,056) random resident survey respondents indicating some level of support for this option (95% CI, 2.2% MOE), and 56.2% (771) either strongly support or support this option.



Respondents were also asked the likelihood of purchasing a discounted pass at the time of vehicle registration if the discount was offered at one of the following amounts per vehicle: \$10, \$15, and \$20. As expected, the percentage of respondents that indicated their household would likely purchase the pass increased as the price of the discount increased, with a majority of respondents indicating their household would very likely purchase the pass at each price (See Figure 21 Below). A vast majority of all survey respondents indicated they would purchase the pass if the discount was \$10 per vehicle (77.1%, 14,441), while 75.7% (13,943) indicated some likelihood of purchasing the pass if the discount was \$20 per vehicle.

In comparison, a smaller percentage of random resident survey respondents indicated a likelihood of purchasing the pass at the time of vehicle registration at any price. A majority of these respondents (Figure 22 Below) did indicate they were either very likely or somewhat

likely to purchase the pass at the time of registration if the discount was \$10 per vehicle (72.1%, 991). However, the likelihood of purchasing the pass at the time of registration actually decreases as the discount per vehicle increases. This likely indicates an issue with understanding the question rather than an actual preference for a smaller discount per vehicle.¹⁹



Lastly, all survey respondents were asked to indicate their support for the following option: *you can purchase a single pass/permit for access to state-managed outdoor recreation lands, such as the Discover Pass, and have the option to increase access by purchasing additional*

¹⁹ The random resident survey was conducted first. Upon noticing that the individual question categories did not make it clear that the dollar amounts reflected the amount of a discount (rather than cost), the word "off" was added to all question categories (e.g. \$10 off per vehicle, rather than discount provided was \$10 per vehicle) for all other surveys. Due to this change, the random resident survey results are not comparable to other survey results for this question.

stamps/endorsements for that pass depending on your preferred activities (for example, you can add a Sno-Parks access to your pass for an additional fee). A higher percentage of all survey respondents strongly supported this option (28.4%, 5,474) compared to random resident survey respondents (17.5%, 242). A majority of random resident survey respondents indicated some level of support for this option (66.4%, 915) (95% CI, 2.5% MOE) as did all survey respondents (74.9%, 14,416). (See Figure 23 Below). The median option for the Random resident survey was “Support”.

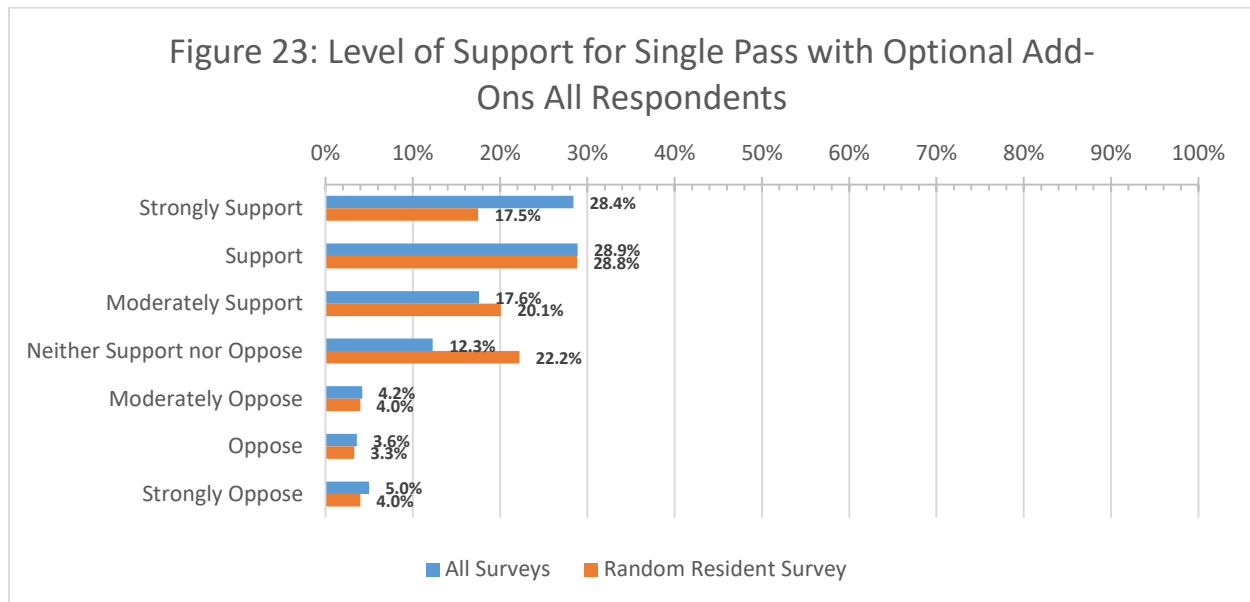
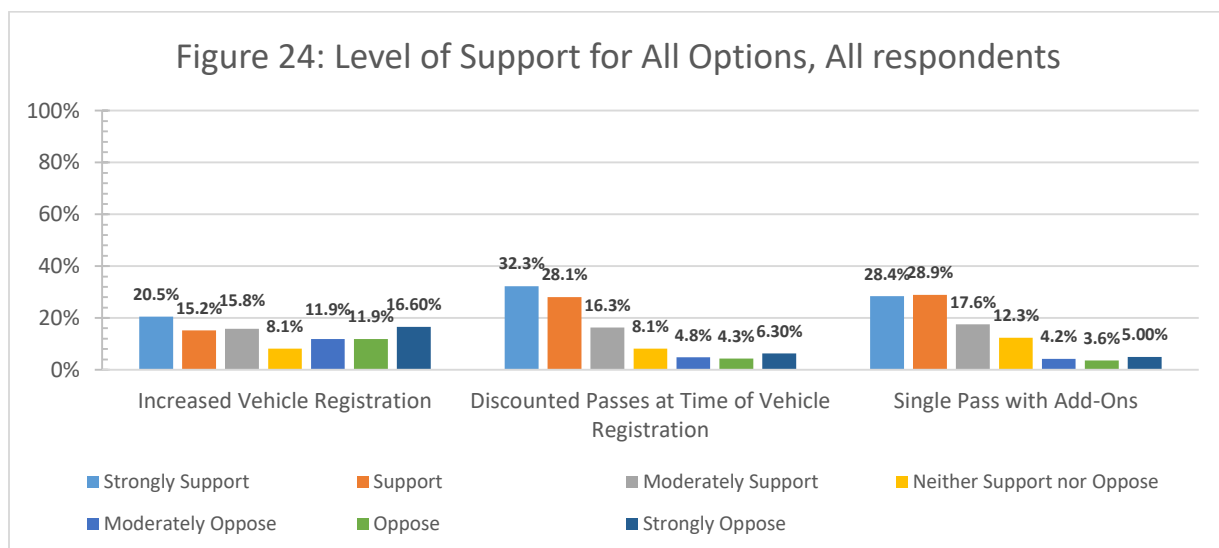


Figure 24 shows the level of support for all options, indicating more support among all survey respondents for a discounted pass at time of vehicle registration and a single pass with optional add-ons.



Conclusions--Respondents Whose Household Have Purchased or Acquired a Pass/Permit in the Last 12 Months

Analysis of the survey data reveals that respondents who have purchases or acquired a pass/permit in the last 12 months are more interested in two combination passes: combining access to all state and federal managed outdoor recreation lands in Washington into a single pass, and combining access to state managed lands and National Forests in Washington State. A majority of respondents were either very interested or somewhat interested in these two passes. There is far less support for combining access to state managed lands and winter recreation areas (although slightly over 50% of all respondents indicate some level of interest in this option). Respondents appear to be least interested in a single pass that combines access to state managed outdoor recreation lands and water craft launch sites. These relationships hold when considering random resident data only, indicating a high level of interest in combining the first two passes.

In terms of pass format preferences, survey respondents indicated a preference for a hang tag, while a license tab was the least preferred option. Respondents also indicated that a more expensive pass that can be transferred to up to three vehicles is the least preferred format/pricing combination. These relationships exist for all survey respondents, and the random resident survey respondents. Random resident survey respondents were more likely to state that their most preferred pass is the lower price pass that is associated with one vehicle when compared to all survey respondents who preferred a somewhat higher priced pass that could be transferred to up to two vehicles. Given that random resident survey respondents in general reported lower incomes, this finding is not surprising.

Of all the options presented to respondents, eliminating passes by increasing vehicle registration fees received the least amount of support. While more than 50% of all survey respondents indicated some level of support for this option, a lower percentage of random resident survey respondents indicated they Strongly Support this option. This, in combination with the fact that a vast majority of survey respondents indicated that a license tab was their least preferred pass format option suggests approaching this option with caution. Creating a discounted pass at time of registration seemed to garner the most support across all survey participants.

Respondents who have not purchased/acquired a pass/permit in the last 12 months

A total of 2,674 respondents (11.7%) indicated that no one in their household had purchased a pass or permit in the last 12 months. When comparing demographics of both pass purchasers and non-pass purchasers (Table 2 below), several differences become apparent. For instance, a higher percentage of households that have not purchased or acquired a pass/permit in the last 12 months have a veteran in the household (17.5% and 13.5% respectively), an individual with a disability (14.7% and 6.3% respectively), and a veteran with a service related disability (5.9% and 2.8% respectively). In fact, the percentage of non-pass purchasers with an individual with a disability in the household is more than double pass purchasers. The income of these households is also considerably less with a higher percentage of these respondents indicating

their household income was from \$40,000 to \$69,999 (28.8%) compared to the highest percentage of pass purchasers who indicated a household income of 120,000 and up (28.6%).

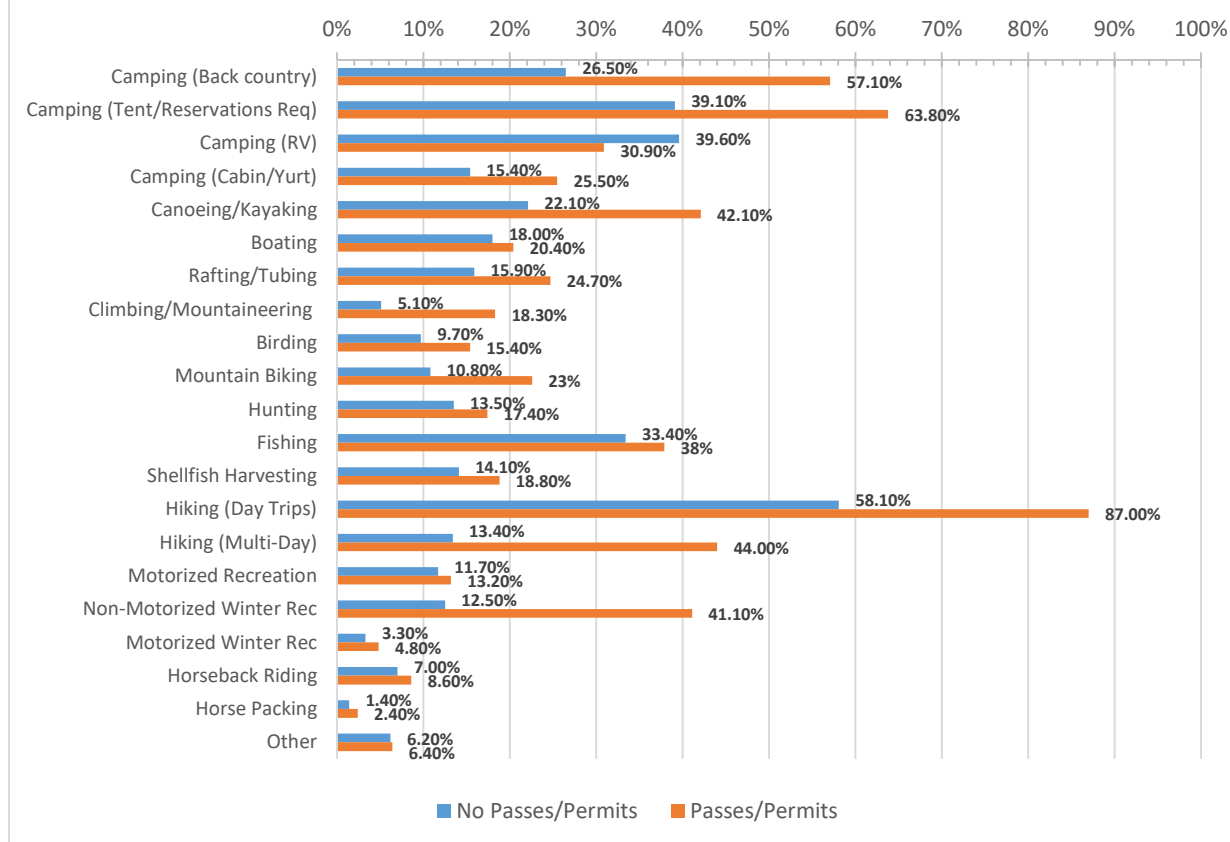
Table 2: Descriptive Statistics for Individuals Whose Households have not Purchases/Acquired Passes in the Last 12 Months

	<i>No Pass Purchases/Acquired</i>	<i>Pass Purchases/Acquired</i>
<i>Gender</i>	Female (52.7%)	Female (50.6%)
<i>Race</i>	Caucasian (85.3%)	Caucasian (89.7%)
<i>Ethnicity</i>	Non-Hispanic (94.2%)	Non-Hispanic (96.7%)
<i>Primary Language</i>	English (98.4%)	English (98.4%)
<i># of Registered Vehicles</i>	2 (36.8%)	2 (42.5%)
<i>Income</i>	\$40,000-\$69,999 (28.8%)	\$120,000 and up (28.6%)
<i>Active Duty Military</i>	1%	1.3%
<i>Veteran in Household</i>	17.5%	13.5%
<i>Veteran with Service Related Disability</i>	5.9%	2.8%
<i>Individual with Permanent Disability Parking Permit</i>	9.1%	4%
<i>Person with a Disability</i>	14.7%	6.3%
<i>Foster Care Provider</i>	0.9%	0.5%
<i>East/West</i>	West (79.9%)	West (86.1%)

No Passes/Permits Purchases and Types of Activities

As can be seen in Figure 25, these households still engage in a number of outdoor recreation activities, although typically in lower percentages than households that have purchased or acquired a pass or permit in the last 12 months. Notably, the only activity more than 50% of these households indicate they engage in is Hiking/Day Trips (58.1%). These households also engage in some outdoor activities in similar percentages to pass/permit purchasers, including Fishing (33.4% and 38% respectively), and Hunting (13.5% and 17.5% respectively), among others (See Figure 25 below).

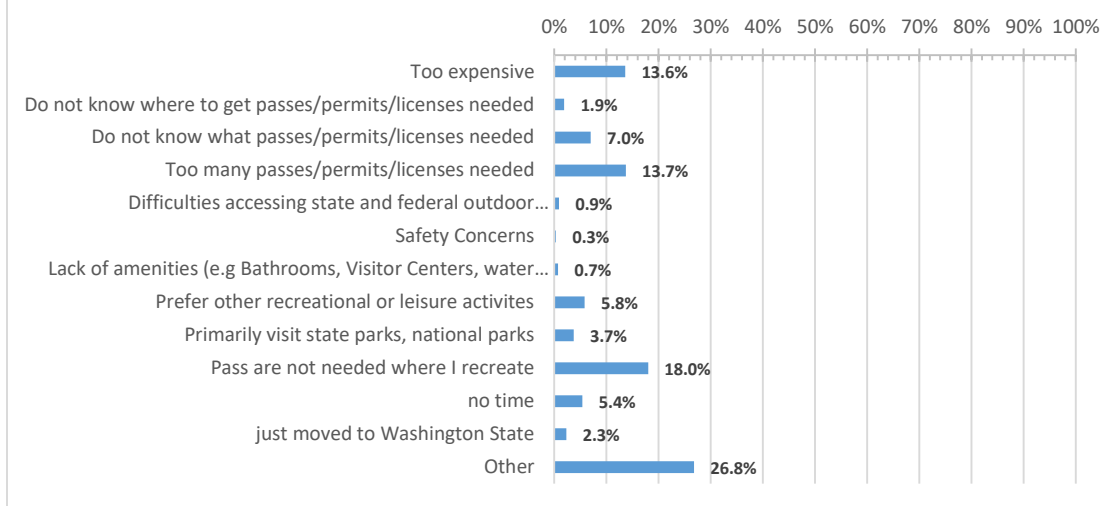
Figure 25: Types of Activities and Whether Passes/Permits Acquired in Past 12 Months



Why these households have not purchased/acquired passes/permits in the last 12 months

Respondents who indicated that their household has not purchased or acquired a pass in the last 12 months were asked why; a closed-ended question providing a range of options including: too expensive, safety concerns, lack of amenities, among other options. As can be seen in Figure 26 below, the highest percentage of respondents indicated “other” (26.8%, 693), followed by “passes are not needed where I recreate” (18%, 465), “too many passes/permits/licenses needed” (13.7%, 355), and “too expensive” (13.6%, 351). Respondents were asked to specify “other” reasons for not purchasing/acquiring passes in the last 12 months. Responses included already having a pass, such as lifetime passes, national senior passes (Interagency Senior Pass), or access included with staying in State Parks. Some respondents stated that passes are expensive and they should not have to purchase passes in addition to paying taxes, while several stated they had a disabled veteran in the household and had access to free passes.

Figure 26: Primary Reason for not Purchasing or Acquiring Pass/Permit in Last 12 Months



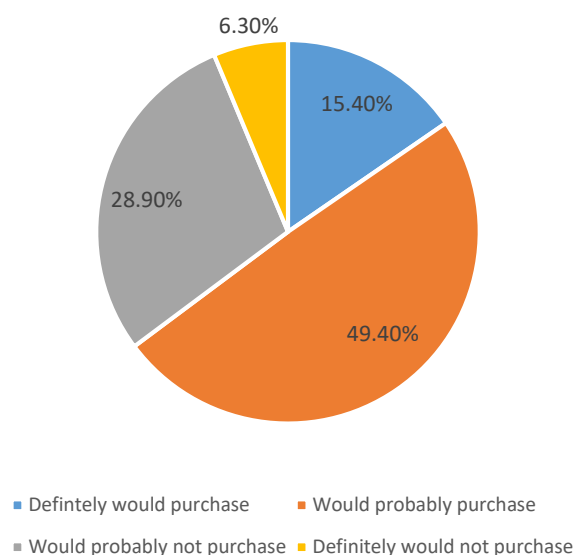
Respondents who indicated that they had difficulties accessing state and federal outdoor recreation lands were asked to further specify these difficulties. Of the 22 respondents who answered this question, 36.4% (8) indicated they did not have a personal vehicle while 27.3 % (6) indicated “other” and provided additional information such as age and physical limitations, and poor road and trail maintenance.

Would your household purchase passes and/or permits if prices were reduced?

Respondents who indicated their household has not purchased or acquired a pass in the last 12 months were asked whether someone in their household would purchase passes/permits to access state-managed outdoor recreation and federally-managed public lands if prices were reduced. The majority of these respondents indicated yes (31.8%, 397), or maybe (40.5%, 506). The respondents who answered yes or maybe to this question (903) were asked the following question: *The Annual Discover Pass is currently \$30. This gives vehicle access for all WA State Parks, WA Department of Natural Resource lands, and Washington State Department of Fish and Wildlife lands. Please indicate at what price your household would consider purchasing a Discover Pass.*²⁰ The vast majority of these respondents indicated they would pay \$30 for the pass (70.7%), the mean response was \$32.69, and responses ranged from \$30 to \$100. These respondents were also asked the likelihood they would purchase the Discover Pass in the future if it were the price they indicated, and most stated they would probably purchase (49.4%, 414), or definitely would purchase (15.4%, 129).

²⁰ This was a slider question where respondents could slide the bar to any whole dollar value from \$30 to \$100.

Figure 27: Likelihood of Purchasing Discover Pass at Stated Price



Support for Options: Comparing Pass purchasers/acquirers and Non pass purchasers/acquirers

As mentioned, all survey respondents were asked their level of support for various options for funding Washington State Public lands. As support for these options is likely to differ depending on whether respondents have purchased or acquired a pass or permit recently, the two groups were compared in order to understand potential similarities and differences. For the first option, respondents were asked their level of support for eliminating the need for passes/permits by increasing vehicle registration fees for all Washington State residents. As can be seen in Table 3 below, a slightly higher percentage of pass purchasers indicate some level of support for eliminating the need for passes/permits by increasing vehicle registration fees compared to Non-purchasers. The Mann-Whitney U Test for non-parametric data reveals these differences are significant: non-pass purchasers significantly rank their opposition to this option higher than pass-purchasers ($p < .01$). It is important to note that there is also significant difference in support for this option among random resident only respondents with non-pass purchasers also ranking their opposition to this option significantly higher than pass purchasers ($p < .01$). In fact, Mann-Whitney U tests reveal non-users rank their opposition to all options and pricing scenarios significantly higher than pass purchasers ($p < .01$). These relationships hold whether conducted across all survey respondents, or only random resident survey respondents.

Table 3: Pass Purchasers/Non Purchasers Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Purchasers	3626 (21.2%)	2680 (15.6%)	2756 (16.1%)	1336 (7.8%)	2086 (12.2%)	2033 (11.9%)	2623 (15.3%)
Non-Purchasers	343 (15.5%)	268 (12.1%)	295 (13.3%)	231 (10.4%)	222 (10%)	273 (12.3%)	582 (26.3%)

Table 4: Pass Purchasers/Non Purchasers Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Purchasers	5742 (33.6%)	4910 (28.7%)	2749 (16.1%)	1220 (6.9%)	814 (4.8%)	694 (4.1%)	951 (5.6%)
Non-Purchasers	478 (21.7%)	500 (22.7%)	396 (18%)	335 (15.2%)	110 (5%)	128 (5.8%)	257 (11.7%)

Table 5: Pass Purchasers/Non Purchasers Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Purchasers	5186 (30.4%)	5080 (29.8%)	2986 (17.5%)	1858 (10.9%)	693 (4.1%)	560 (3.3%)	698 (4.1%)
Non-Purchasers	288 (13.1%)	487 (21.8%)	398 (18.1%)	514 (23.4%)	112 (5.1%)	137 (6.2%)	267 (12.2%)

Group Comparisons

Group Comparison-East/West Respondents

In order to examine the impact of region on respondent opinions and preferences, a new variable was using respondent zip code to indicate in which region of the state respondents reside. As can be seen in Figure 28 below, there are many similarities in outdoor activities between respondents in eastern compared to western Washington, although a higher percentage of those on the west side of the state indicated that they camp (Tent/Reservations Required) and Day Hike, while higher percentages of respondents on the eastern side of the state indicated they engage in Fishing, Hunting, and Mountain Biking. There are several similarities in passes purchased across both regions. However, a higher percentage of respondents in the east indicated they get the Vehicle Access Pass and Seasonal Sno-Park Permit, while a higher percentage of respondents on the west side of Washington purchase the Northwest Forest Pass, and the Interagency Pass.

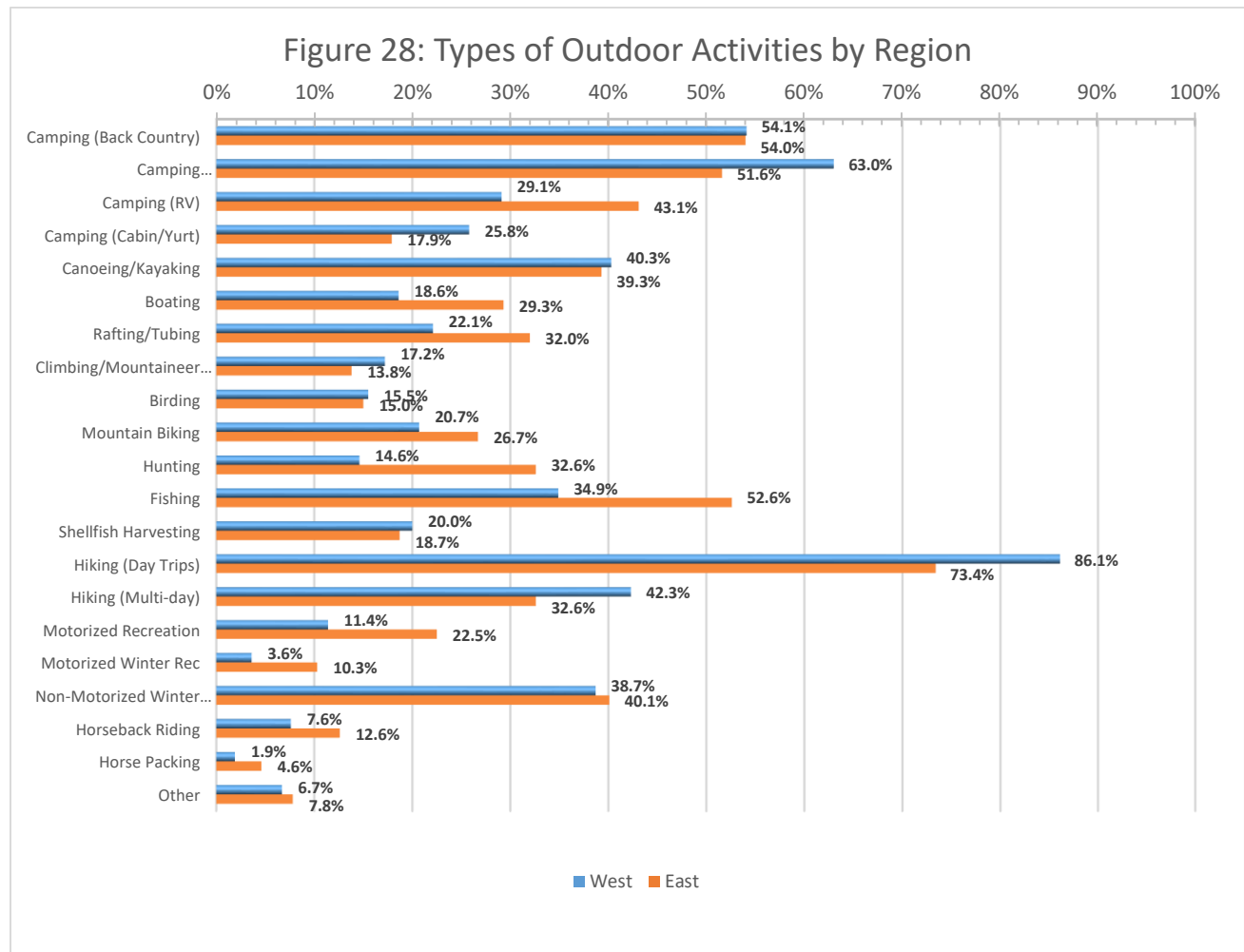
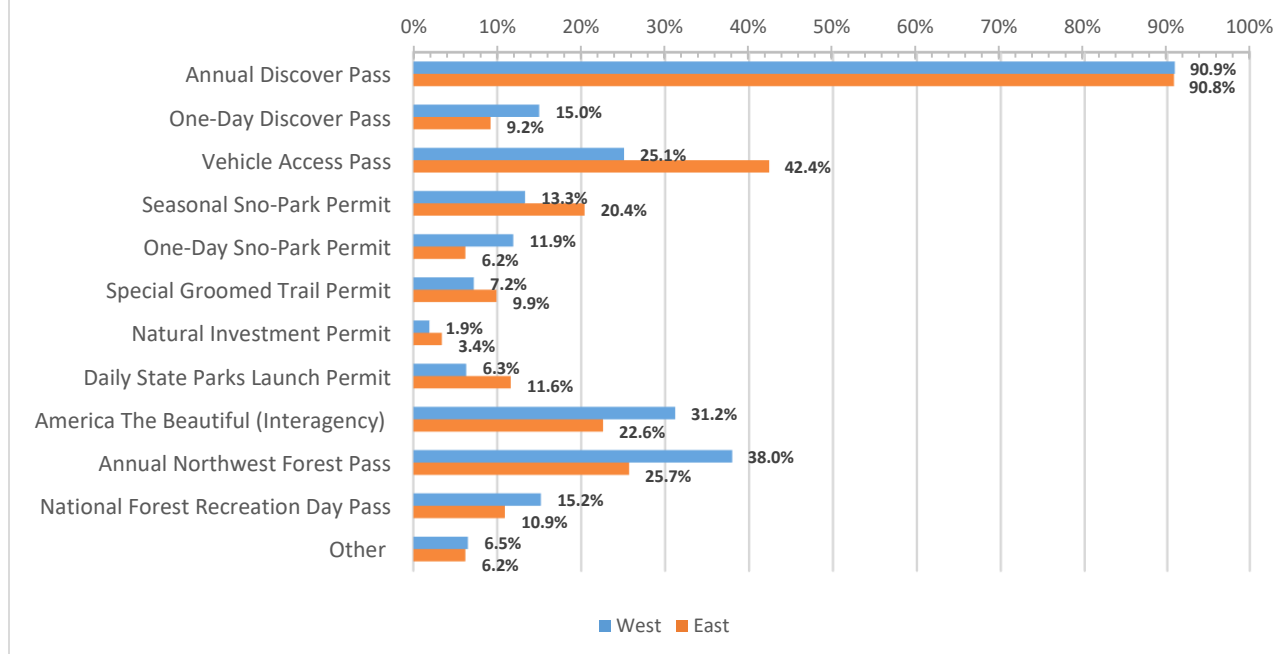


Figure 29: Passes Acquired by Region



East/West Interest in Combining Passes

When examining the impact of region on interest in combining passes, descriptive analysis seems to reveal minor differences (See Table 6 Below). However, Mann Whitney U tests of all survey respondents reveal that western Washington respondents rate their interest in a single pass that combines access to all state and federal lands and a pass that combines access to all state managed lands and National Forests significantly higher than east side respondents ($p < .01$), while east side respondents rated their interest in a pass that combines access to all state managed recreation lands and water craft launch sites, and access to all state managed recreation lands and winter recreation significantly higher than west side respondents ($p < .01$). However, conducting the statistical tests with respondents from the random resident survey reveal only the last two are significantly different: east side respondents rate their interest in these passes significantly higher than their counterparts on the west side of the state ($p < .01$).

Table 6: East/West Respondents and Interest in Combining Passes

Combo Pass Description West East	Very interested	Somewhat interested	Neither Interested nor Unintereste d	Not very interested	Not at all interested
All State and Federal Lands	77.0% (10,908) 69.3% (1,634)	14.8% (2,096) 18.0% (424)	3.9% (546) 5.6% (132)	1.6% (229) 2.4% (57)	2.7% (384) 4.7% (110)
State Lands and National Forests	64.6% (8,899) 57.5% (1,301)	21.9% (3,012) 24.3% (551)	6.5% (897) 9.0% (204)	2.9% (401) 2.7% (62)	4.1% (559) 6.4% (145)
State Lands and Watercraft Launch	22.6% (2,989) 30.0% (659)	15.1% (2,003) 19.5% (429)	24.9% (3,294) 22.0% (484)	16.3% (2,162) 11.5% (253)	21.1% (2,798) 16.9% (371)
State Lands and Winter Recreation	31.0% (4,149) 36.5% (807)	24.0% (3,209) 20.6% (455)	20.9% (2,796) 18.9% (417)	11.5% (1,538) 10.0% (221)	12.6% (1,693) 14.0% (310)

When examining region and support for options for funding public lands, Mann Whitney U tests on all survey data reveal a statistically significant difference in support for all options. These tests reveal that respondents on the eastern side of the state rate their support for the elimination of passes by increasing vehicle registration fees significantly higher than those on the west side, while west side respondents rate their support significantly higher for discounted passes at the time of registration and for a single pass with optional add-ons ($p < .05$). However, when conducting a test for random resident survey respondents only, only support for elimination of passes and permits by increasing vehicle registration is significant. Eastern Washington respondents rate their support for these options significantly higher than west side respondents.

Table 7: East/West Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
West	20.6% (3,113)	15.4% (2,336)	15.8% (2,387)	8.0% (1,204)	12.3% (1,861)	12.0% (1,820)	16.0% (2,421)
East	23.4% (606)	16.1% (418)	16.9% (438)	6.8% (177)	10.3% (266)	10.5% (273)	15.9% (411)

Table 8: East/West Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
West	33.3% (5032)	28.9% (4365)	16.2% (2442)	7.6% (1145)	4.7% (705)	3.9% (588)	5.5% (825)
East	31.7% (820)	26.8% (692)	17.5% (452)	7.7% (199)	4.8% (124)	4.5% (117)	7.0% (182)

Table 9: East/West Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

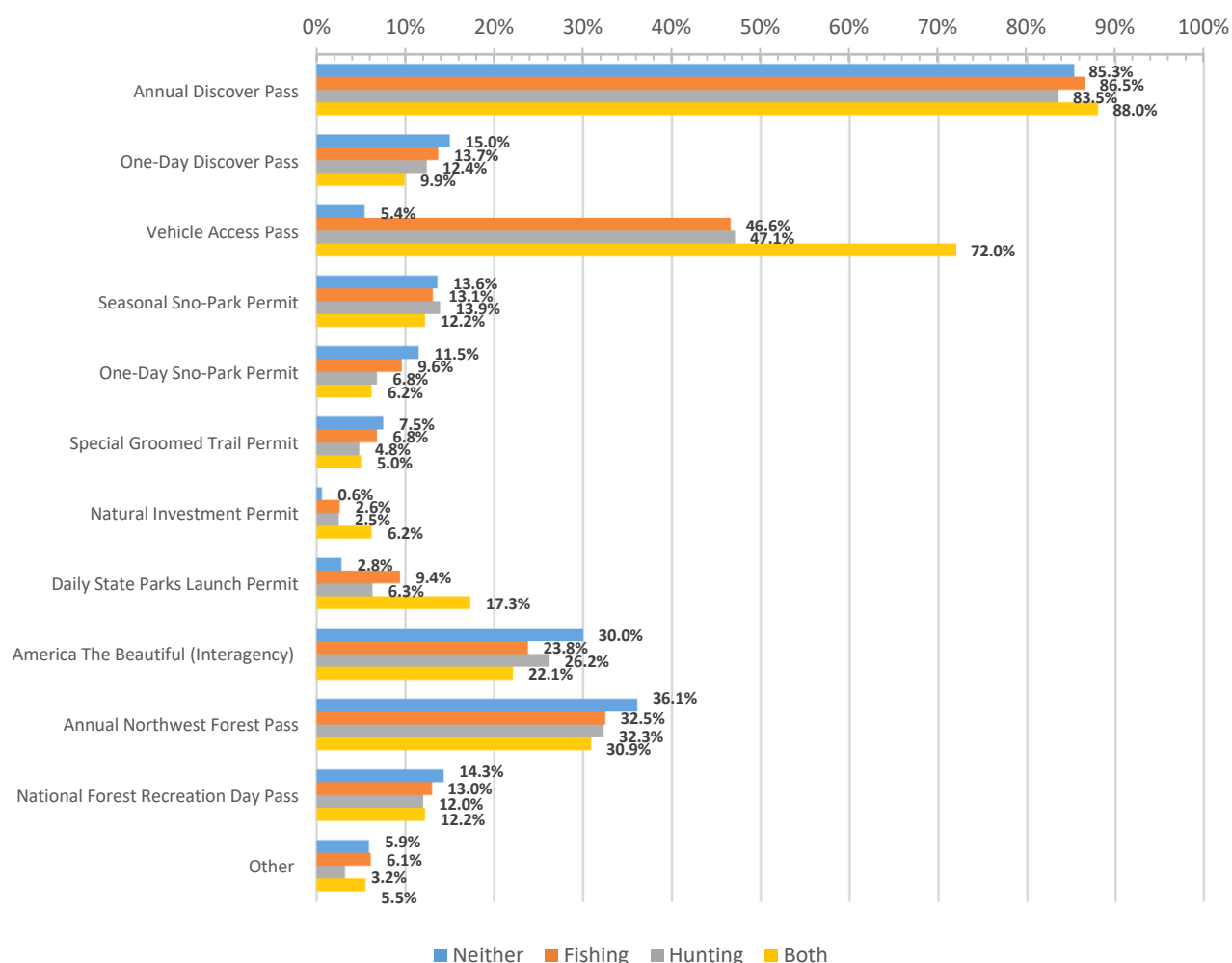
Option 3	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
West	29.6% (4474)	29.6% (4470)	17.7% (2666)	11.7% (1763)	4.1% (613)	3.3% (503)	4.1% (612)
East	24.8% (641)	27.5% (710)	17.6% (454)	13.1% (340)	4.7% (122)	4.4% (113)	8.0% (206)

Group Comparison-Hunting/Fishing

Hunting/Fishing and Passes Purchased

Crosstabulations between hunting and fishing revealed much overlap in these activities. To examine the impact of these activities on interest in passes and perceptions of options, hunting and fishing were re-coded into a single variable with 4 categories: Fishing, Hunting, Both, Neither. As seen in Figure 30 below, there are several similarities in passes purchased across all groups, but some noticeable differences are clear. For instance, individuals who engage in both hunting and fishing report they get a Vehicle Access Pass in higher percentages than those who engage in solely hunting, fishing, or neither activity. Those who engage in neither activity purchase the Interagency Pass and the Annual Northwest Forest Pass in higher percentages, than those who hunt and/or fish.

Figure 30: Hunting/Fishing and Passes Purchased



One area of interest is whether hunters and fishers purchase both a Vehicle Access Pass and an Annual Discover Pass. Over 90% (4,768) of those who purchase the Vehicle Access Pass (many of whom are hunters and fishers) also purchase the Discover Pass. The same does not hold true

for those who purchase the Discover Pass, with only 27.5% also purchasing a Vehicle Access Pass.

Level of Interest in Combining Passes for Fishing and Hunting²¹

Kruskal-Wallis tests reveal there is a significant difference in level of interest in a single pass or permit that gives access to all state and federal managed outdoor recreation lands in Washington, and interest in a single pass or permit that gives access to all state managed outdoor recreation lands and watercraft launch fees. Pairwise comparisons on all survey data reveal that for combining a pass that gives access to all state and federally managed outdoor lands in Washington State, there is a statistically significant difference in rating of interest between individuals who only hunt and only fish, with hunters rating their interest significantly lower than those who fish ($p < .05$). Those who do neither fishing or hunting rate their level of interest in this activity significantly higher than those who do both ($p < .05$), and those who hunt ($p < .05$). In other words, those who fish or do neither fishing or hunting rate their interest in this pass significantly higher than those who hunt or both hunt and fish. However, when examining these relationships with only data from the WDFW Wild Survey (a random survey of purchasers of fishing and hunting licenses), only two groups are significantly different: *those who do neither activity are significantly more interested in this pass than those who both fish and hunt.*

Statistical comparisons of all survey responses also reveal that there is a significant difference between all groups. Individuals who do both activities rate their interest in the pass significantly higher than all other groups ($p < .01$), while those who only fish rate their interest significantly higher than those who hunt and those who do neither activity ($p < .01$). Those who do neither activity rate their interest in this pass significantly less than all other groups ($p < .01$). When examining these relationships with only data from the WDFW Wild Survey (a random survey of purchasers of fishing and hunting licenses), individuals who do both activities still rank their interest in this pass significantly higher than all other groups, and those who fish only significantly rate their interest in this pass higher than those who hunt only ($p < .05$). *Given the similarities in statistical tests across all surveys and the WDFW Wild Random survey, there does appear to be a significant difference in interest in this pass for individuals who do both fishing and hunting compared to those who do neither activity. Those who do both are significantly more interested than those who do either activity alone, and those who do neither.*

²¹ For each of these comparisons a Kruskal-Wallis test is used, and a Dunn's (1964) procedure with a Bonferroni correction for multiple comparisons is used to reveal which groups are statistically different.

Table 10: Hunting/Fishing Level of Interest for a Single Pass or Permit that Gives Access to all

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	75.4% (8350)	15.3% (1700)	4.5% (504)	1.9% (213)	2.8% (314)
Fishing	75.6% (3254)	15.6% (671)	4.5% (193)	1.6% (70)	2.8% (119)
Hunting	69.2% (322)	20.2% (94)	4.9% (23)	1.5% (7)	4.1% (19)
Both	73.3% (2047)	15.8% (442)	4% (111)	2% (55)	4.9% (138)

State and Federal Managed Outdoor Recreation Lands in Washington State.

Table 11: Hunting/Fishing Level of Interest for a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and All National Forests in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	63.4% (6797)	22.4% (2400)	7.1% (766)	3% (324)	4.1% (436)
Fishing	63.2% (2616)	22.5% (931)	7.4% (307)	2.7% (113)	4.2% (172)
Hunting	60.5% (273)	24.2% (109)	6.7% (30)	2.9% (13)	5.8% (26)
Both	62.2% (1675)	21.7% (569)	6.7% (180)	3.2% (85)	6.8% (184)

Table 12: Hunting/Fishing Level of Interest for a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Water Craft Launch Fees.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	17.6% (1800)	13.2% (1350)	26.3% (2699)	17.9% (1838)	25% (2562)
Fishing	29.3% (1181)	18.8% (757)	24.3% (977)	13.7% (553)	13.8% (556)
Hunting	26.4% (112)	17.9% (17.9%)	21.2% (90)	13.4% (57)	21.2% (90)
Both	40.1% (1054)	19.8% (521)	18.7% (492)	8.1% (214)	13.1% (345)

Table 13: Hunting/Fishing Level of Interest for a Single Pass or Permit that Gives Access to all State Managed State Managed Outdoor Recreation Lands and Winter Recreation Areas.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	30.5% (3180)	25% (2608)	20.4% (2128)	11.4% (1194)	12.7% (1321)
Fishing	33.7% (1357)	21.9% (882)	21.6% (868)	11.3% (456)	11.4% (459)
Hunting	34.3% (149)	21.1% (92)	19.8% (86)	10.6% (46)	14.3% (62)
Both	35.1% (910)	18.4% (476)	20.6% (535)	9.5% (246)	16.4% (426)

Hunting/Fishing and Support for Options

Kruskal-Wallis tests reveal that support for all options is statistically different between those who hunt and fish. For instance, hunters rate their level of opposition for eliminating passes/permits by increasing vehicle registration fees statistical higher than those who do neither activity ($p < .01$), and those who only fish ($p < .01$). Those who do both activities also rate their level of opposition higher than those who only fish ($p < .05$), and those who do neither ($p < .01$). *In other words, those who hunt or both fish and hunt rate their opposition to eliminating passes by increasing vehicle registration fees higher than those who do neither or only fish.* These relationships hold when conducting statistical tests on only WDFW Wild data. Respondents who hunt and respondents who both hunt and fish rate their opposition to offering a discounted pass at time of vehicle registration significantly higher than those who fish only and those who do neither activity ($p < .01$). When conducting statistical comparisons of WDFW Wild respondents only, only two groups were found to be statistically different. Hunters are more opposed to this option than those who only fish, and those who do both activities rate their opposition significantly higher than those who only fish ($p < .01$). *In other words, hunters and individuals who both fish and hunt rate their opposition to a reduced pass at the time of vehicle registration significantly higher than those who only fish.*

Statistical analysis of all survey responses reveals that those who hunt or both fish and hunt rate their opposition to a single pass with optional add-ons significantly higher than those who only fish or those who do neither activity. Those who do neither activity rate their support significantly higher for this option than all other groups ($p < .05$). These relationships hold when examining only WDFW Wild survey respondents with the exception of the difference between those who fish and those who do neither activity are no longer significant. *In other words, those who hunt and those who do both activities rate their support for a single pass with optional add-ons significantly lower than those who do neither activity or only fish.*

Table 14: Hunting/Fishing Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Neither	19.7% (2279)	15.5% (1797)	16.5% (1914)	8.5% (979)	13.3% (1544)	12% (1394)	1667 (14.4%)
Fishing	21.9% (974)	15.1% (670)	15.3% (680)	8.1% (358)	10.9% (484)	11.9% (527)	16.8% (746)
Hunting	16.6% (83)	15.4% (77)	13.8% (69)	6.6% (33)	12% (60)	14% (70)	21.6% (108)
Both	22.3% (633)	14.2% (404)	13.7% (388)	6.9% (197)	7.7% (220)	11.1% (315)	24.1% (684)

Table 15: Hunting/Fishing Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Neither	32.3% (3728)	29% (3343)	16.7% (1928)	8% (917)	5.1% (586)	4.1% (474)	4.8% (554)
Fishing	35.6% (1441)	28.4% (1150)	15.3% (621)	7.7% (311)	4.3% (175)	3.3% (135)	5.8% (258)
Hunting	29% (133)	27.6% (137)	15.5% (77)	7.4% (37)	3.4% (17)	6.8% (34)	10.3% (51)
Both	29.8% (817)	24.8% (700)	16.1% (241)	8.5% (241)	4.2% (118)	5.3% (150)	12.2% (345)

Table 16: Hunting/Fishing Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

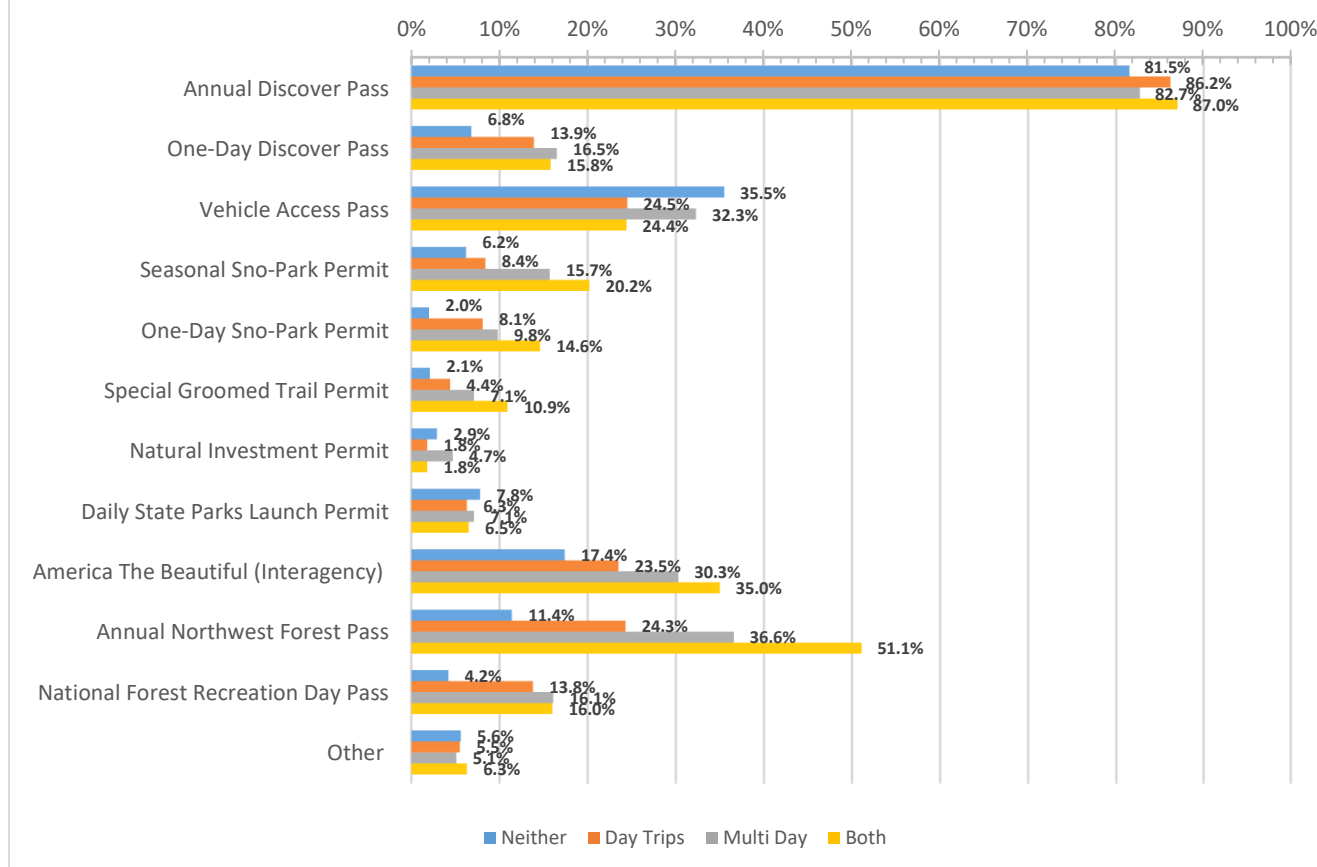
	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Neither	30.7% (3256)	30.7% (3256)	17.3% (1836)	11.8% (1256)	3.8% (402)	2.8% (300)	2.8% (297)
Fishing	29.5% (1196)	28.3% (1147)	17.9% (724)	11.6% (468)	4.4% (178)	3.9% (159)	4.4% (177)
Hunting*	22.8% (103)	28.6% (129)	18% (81)	11.3% (51)	4.2% (19)	4.7% (21)	10.4% (47)
Both*	21.7% (560)	25.1% (648)	18.5% (479)	12.7% (328)	5.3% (136)	5.3% (136)	11.5% (297)

Group Comparison-Hiking

Hiking and Passes Purchased

To examine the impact of hiking on interest in passes and perceptions of options, hiking (day trips) and hiking (overnight trips) were re-coded into a single variable with 4 categories: Hiking (day trips), Hiking (overnight trips), Both, and Neither. Figure 31 below reveals some differences in passes purchased and these activities. For instance, those who do neither day trips or overnight trips are more likely to get a Vehicle Access Pass than all other groups. Those who engage in both types of hiking are also more likely to purchase the Interagency Pass and the Annual Northwest Forest Pass.

Figure 31: Hiking and Passes Purchased



Hiking and Interest in Combining Passes

Kruskal-Wallis tests on all survey data reveal a significant difference in interest in combining passes depending on whether respondents hike or not. Those who engage in no hiking activities rate their opposition to all passes significantly higher than other groups, with the exception of combining a single pass that gives access to all state-managed lands and watercraft launch sites. For this pass, those who engage in neither activity rate their support significantly higher than all other groups ($p < .01$). Those who do both types of hiking rate their support for every pass (with the exception of combining with watercraft launch sites) significantly higher than those who only do day trip hiking or those who only do multi-day hiking ($p < .01$). When examining the random resident data only, level of interest in a single pass that gives access to all state managed outdoor recreation lands and watercraft launch fees are no longer significantly different between these groups. However, all other significant relationships remain. In other words, *those who engage in no hiking are significantly less interested in all three passes with the exception of a pass that combines access with watercraft launch sites.*

Table 17: Hiking Level of Interest in a Single Pass or Permit that Gives Access to all State and Federal Managed Outdoor Recreation Lands in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	53% (1264)	25.8% (616)	10% (239)	3.3% (79)	7.8% (186)
Hiking Day Trips	72.9% (6071)	17.5% (1459)	4.7% (390)	1.9% (156)	3% (251)
Hiking Multi Day Trips	73% (162)	14.9% (33)	5.4% (12)	2.7% (6)	4.1% (9)
Both	84% (6476)	10.4% (799)	2.5% (190)	1.3% (104)	1.9% (144)

Table 18: Hiking Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and all National Forests in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	45.5% (1029)	26.8% (606)	13.8% (311)	4.2% (95)	9.7% (220)
Hiking Day Trips	62.1% (4982)	23.4% (1877)	7.4% (590)	3% (238)	4.2% (335)
Hiking Multi Day Trips	57.1% (124)	24% (52)	8.3% (18)	2.3% (5)	8.3% (18)
Both	69.6% (5226)	19.6% (1474)	4.8% (364)	2.6% (197)	3.3% (245)

Table 19: Hiking Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Water Craft Launch Fees.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	28.2% (611)	18.7% (406)	22.5% (489)	9.7% (210)	20.9% (453)
Hiking Day Trips	23.3% (1800)	16.2% (1253)	24.2% (1870)	15.4% (1192)	20.7% (1601)
Hiking Multi Day Trips	23.7% (50)	11.8% (25)	27% (57)	12.3% (26)	25.1% (53)
Both	23.3% (1686)	1020 (14.1%)	25.5% (1842)	1234 (17.1%)	20% (1446)

Table 20: Hiking Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Winter Recreation Areas.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
Neither	22.3% (478)	16.7% (357)	24.9% (534)	11.4% (244)	24.7% (530)
Hiking Day Trips	27.8% (2162)	22.4% (1742)	22.3% (1732)	13.3% (1032)	14.1% (1096)
Hiking Multi Day Trips	33.2% (70)	20.4% (43)	20.4% (43)	10.9% (23)	15.2% (32)
Both	39.2% (2886)	26% (1916)	17.8% (1308)	8.7% (643)	8.3% (610)

Hiking and Support for Options

Statistical comparisons reveal statistically significant differences between support for options and whether respondents engage in hiking. *Those who do not hike rate their opposition to all options significantly higher than those who hike.* For instance, those who do not hike rate their opposition to eliminating the need for passes by increasing vehicle registration fees significantly higher than respondents who do day trip hiking only, multi-day hiking only, and both types of hiking. They also rate their opposition to a discounted pass at the time of vehicle registration significantly higher than those who do day trip hiking and those who engage in both day trip and multi-day hiking ($p < .01$). Those who do not hike rate their opposition to creating a single pass with optional add-ons significantly higher than those who engage in all other hiking activities ($p < .01$). With the exception of eliminating the need for passes by increasing vehicle registration fees, all of these relationships remain when conducting statistical tests on random resident survey data only.

Table 21: Hiking Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Neither	16.9% (484)	12.4% (355)	14.1% (404)	9.6% (275)	9.8% (279)	13% (371)	24.2% (691)
Hiking Day Trips	18.7% (1617)	15.2% (1315)	15.9% (1371)	8.1% (701)	12.7% (1098)	12.7% (1095)	16.7% (1441)
Hiking Multi Day Trips	25% (56)	14.7% (33)	15.2% (34)	4% (9)	10.3% (23)	13.4% (30)	17.4% (39)
Both	23.7% (1812)	16.3% (1245)	16.3% (1245)	7.6% (582)	11.9% (908)	10.6% (810)	13.5% (1034)

Table 22: Hiking Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at Time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Neither	23.8% (678)	25.6% (728)	17.2% (488)	12.6% (359)	4.5% (127)	5.8% (166)	10.5% (299)
Hiking Day Trips	32.5% (2794)	28.8% (2479)	16.7% (1434)	7.6% (651)	5% (429)	3.9% (337)	5.6% (486)
Hiking Multi Day Trips	35.6% (79)	31.1% (69)	11.7% (26)	7.2% (16)	3.6% (8)	5% (11)	5.9% (13)
Both	35.1% (2669)	21.34% (28.1%)	15.7% (1197)	7% (529)	4.7% (308)	4% (308)	5.4% (410)

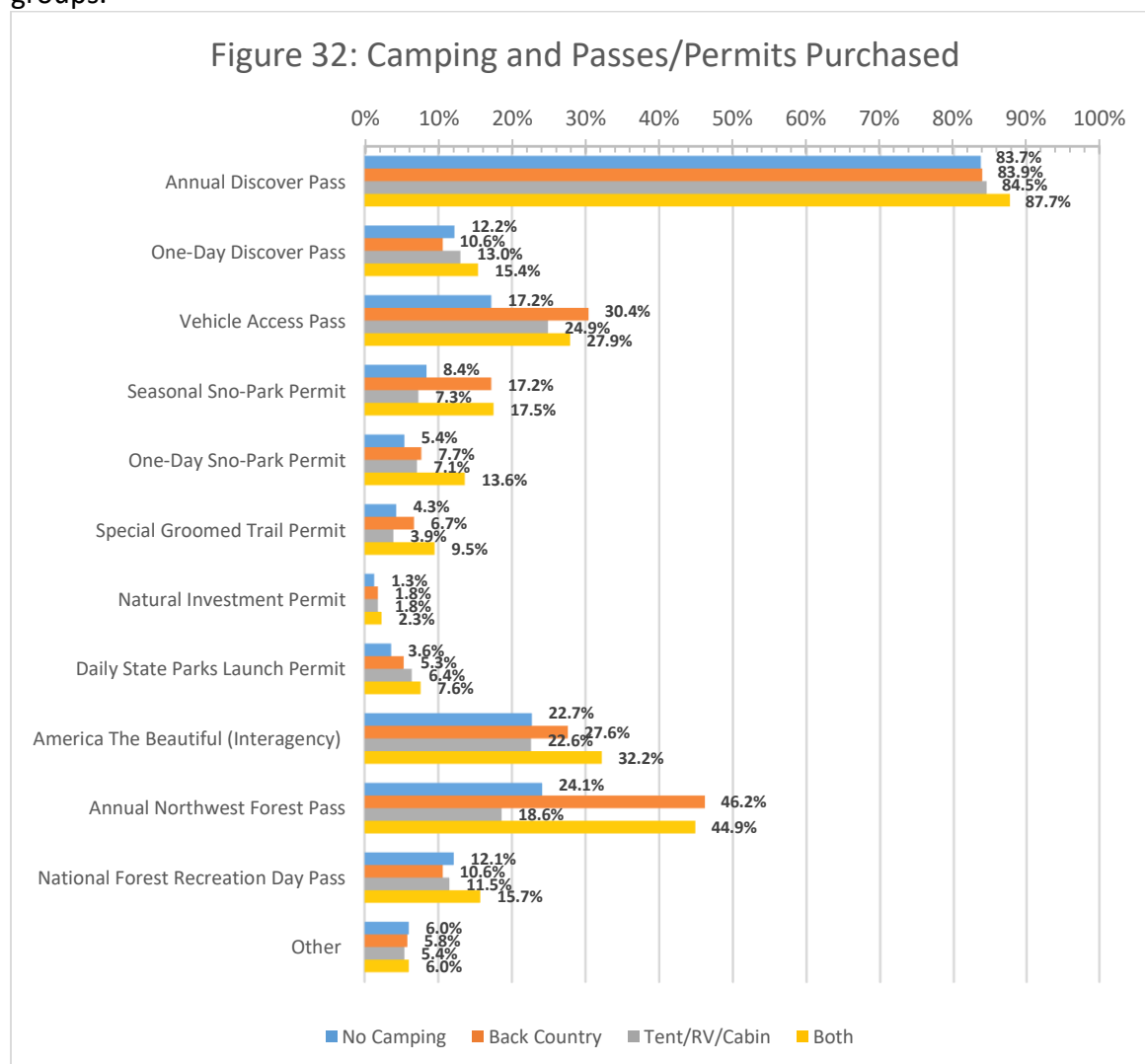
Table 23: Hiking Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Neither	17.4% (492)	23.8% (675)	17.7% (500)	20.7% (586)	4.1% (115)	6% (169)	10.4% (295)
Hiking Day Trips	27.8% (2387)	30% (2577)	18% (1550)	12.6% (1087)	4.1% (356)	3.3% (283)	4.2% (360)
Hiking Multi Day Trips	30% (67)	25.1% (56)	16.1% (36)	13% (29)	3.6% (8)	3.6% (8)	8.5% (19)
Both	33.3% (2528)	29.6% (2250)	17.1% (1298)	8.8% (670)	4.3% (326)	3.1% (237)	3.8% (291)

Group Comparison - Camping

Camping and Passes Purchased

To examine the impact of camping activities on interest in passes and perceptions of options, camping (backcountry/wilderness or primitive/rustic campsite), camping (tent at established campground, reservations required), camping (RV/Camper at established campground, reservations required) and camping (Cabin/Yurt) were re-coded into a single variable with 4 categories: Camping (backcountry), Camping (Tent, RV/Camper, Cabin/Yurt), Both, and Neither. Figure 32 below reveals some differences in passes purchased and these activities. For instance, a higher percentage of those who engage in backcountry camping get the Annual Northwest Forest Pass, and those who do both purchase the Interagency Pass in higher percentages. Those who backcountry camp also get the Vehicle Access Pass in higher percentages than other groups.



Camping and Interest in Combining Passes

Kruskal-Wallis tests on all survey data reveal a significant difference in level of interest in combining passes depending on whether respondents camp or not. Those who do not camp rate their opposition to all passes significantly higher than other groups ($p < .01$). Those who engage in both types of camping rate their interest significantly higher for all passes. When examining the Camis data only, all relationships remain with the exception of a single pass/permit that combines access to state managed outdoor recreation lands and watercraft launch sites.

Table 24: Camping Level of Interest in a Single Pass or Permit that Gives Access to all State and Federal Managed Outdoor Recreation Lands in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Camping	66.6% (1564)	19% (447)	6.5% (152)	2.3% (55)	5.5% (129)
Backcountry Camping Only	75.1% (957)	14.1% (179)	4.2% (54)	2.1% (27)	4.5% (57)
Tent, RV/Camper, Cabin/Yurt	67.5% (3938)	20.1% (1175)	6.5% (381)	2.3% (132)	3.6% (208)
Both	81.8% (7514)	12% (1106)	2.7% (244)	1.4% (131)	2.1% (196)

Table 25: Camping Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and all National Forests in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Camping	56% (1259)	24.5% (550)	8.8% (198)	3.6% (80)	7.2% (162)
Backcountry Camping Only	62.7% (766)	19.6% (239)	7.5% (91)	3.9% (48)	6.3% (77)
Tent, RV/Camper, Cabin/Yurt	57.4% (3226)	25% (1408)	9.5% (536)	3.2% (180)	4.8% (271)
Both	68.5% (6110)	20.3% (1812)	5.1% (458)	2.5% (227)	3.5% (308)

Table 26: Camping Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Water Craft Launch Fees.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Camping	19% (409)	14.7% (316)	25.3% (546)	14.3% (309)	26.7% (576)
Backcountry Camping Only	20.7% (237)	14.3% (164)	23.3% (267)	16% (183)	25.7% (294)
Tent, RV/Camper, Cabin/Yurt	23.5% (1271)	17% (920)	24.6% (1330)	14.8% (799)	20.2% (1096)
Both	25.9% (2230)	15.2% (1304)	24.6% (2115)	15.9% (1371)	18.4% (1587)

Table 27: Camping Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Winter Recreation Areas.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Camping	25.5% (558)	20.8% (455)	23% (504)	12.3% (268)	18.4% (402)
Backcountry Camping Only	30.8% (361)	22% (258)	19.8% (232)	10.8% (127)	16.5% (193)
Tent, RV/Camper, Cabin/Yurt	25.7% (1387)	21.3% (1153)	23.4% (1265)	13.3% (718)	16.3% (884)
Both	37.7% (3290)	25.1% (2192)	18.5% (1616)	9.5% (829)	9.1% (789)

Camping and Support for Options

Kruskal-Wallis tests reveal that respondents who engage in both types of camping are significantly more supportive of all three options ($p < .01$). Respondents who do not engage in camping are significantly less supportive of eliminating the need for passes/permits by increasing vehicle registration fees, and a single base pass with optional add-ons ($p < .05$). Those who do back country camping are significantly less supportive of the opportunity to purchase a reduced pass at the time of vehicle registration ($p < .01$).

Table 28: Camping Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Camping	17.7% (479)	13.8% (373)	14.5% (393)	9% (244)	12.5% (337)	12.8% (346)	19.7% (533)
Backcountry Camping Only	23.3% (303)	13.9% (181)	13.3% (173)	8% (104)	11.5% (149)	11.6% (150)	18.3% (238)
Tent, RV/Camper, Cabin/Yurt	16.9% (1052)	15.1% (941)	15.9% (990)	8.5% (526)	12.5% (776)	13.2% (821)	17.9% (1114)
Both	23.4% (2135)	15.9% (1453)	16.4% (1495)	7.6% (693)	11.5% (1046)	10.8% (989)	14.5% (1320)

Table 29: Camping Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Camping	29.1% (783)	26.9% (724)	16.5% (444)	10.3% (277)	5.3% (142)	5% (135)	6.8% (184)
Backcountry Camping Only	30% (388)	26.4% (342)	14.5% (187)	9% (116)	5.2% (67)	5.6% (73)	9.4% (121)
Tent, RV/Camper, Cabin/Yurt	30.8% (1904)	28.8% (1781)	17% (1052)	8.4% (517)	4.7% (291)	4.2% (263)	6.2% (382)
Both	34.5% (3145)	28.1% (2563)	16% (1462)	7.1% (645)	4.7% (424)	3.9% (351)	5.7% (521)

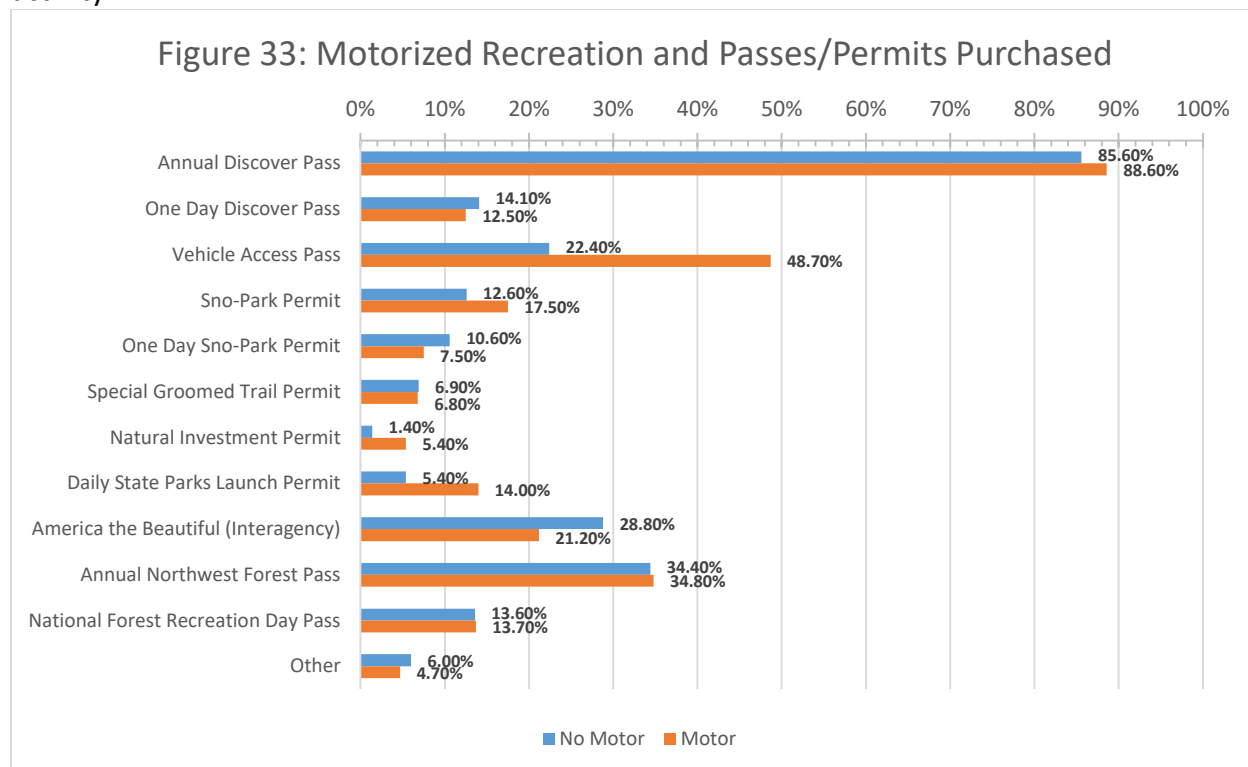
Table 30: Camping Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Camping	23.8% (639)	27.8% (746)	17.8% (479)	16.9% (455)	4.5% (120)	3.7% (99)	5.6% (150)
Backcountry Camping Only	26% (335)	27.5% (355)	17.1% (221)	10.8% (139)	6.1% (78)	4.3% (55)	8.2% (106)
Tent, RV/Camper, Cabin/Yurt	26% (1608)	29.3% (1812)	17.7% (1091)	14.3% (881)	3.9% (242)	3.8% (234)	5% (309)
Both	31.8% (2892)	29.1% (2645)	17.5% (897)	4% (365)	3.4% (309)	3.4% (309)	4.4% (400)

Group Comparison-Motorized Recreation

Motorized Recreation and Passes Purchased

The impact of motorized recreation on pass purchases and support for options was also analyzed. Figure 33 shows the percentage of those participating in motorized recreation who purchase different passes. Respondents who engage in motorized recreation (ATV, dirt bikes, 4X4 trail riding, etc.) purchase/acquire the Vehicle Access Pass, Natural Investment Permit and Daily State Parks Launch permit at over twice the rate of those who do not engage in that activity.



Motorized Recreation and Interest in Combining Passes

As with other groups, descriptive analysis suggests that a single pass/permit that allows access to all state and federal managed outdoor recreation lands received the most support among those respondents who engage in motorized recreation. Mann-Whitney U tests, however, reveal this difference is not significant. According to these tests, there is a significant difference between those who engage in motorized recreation and interest in a pass that combines access to state managed outdoor recreation lands and watercraft launch fees, and state managed outdoor recreation lands and winter recreation areas. Those who engage in motorized recreation rate their interest in each of these passes/permits higher than those who do not ($p < .01$). However, these comparisons cannot be conducted with the random resident survey data due to limited number of individuals engaging in this activity among those survey respondents so assumptions should be considered with caution.

Table 31: Motorized Recreation Level of Interest in a Single Pass or Permit that Gives Access to all State and Federal Managed Outdoor Recreation Lands in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Motorized Recreation	75.2% (12153)	15.7% (2535)	4.5% (724)	1.8% (292)	2.9% (465)
Motorized Recreation	73.5% (1820)	15% (372)	4.3% (107)	2.1% (43)	5% (125)

Table 32: Motorized Recreation Level of Interest in a Single Pass or Permit that Allows Access to all State Managed Outdoor Recreation Lands and all National Forests in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Motorized Recreation	63.1% (9854)	22.6% (3523)	7.2% (1120)	3% (464)	4.2% (651)
Motorized Recreation	62.9% (1507)	20.3% (486)	6.8% (163)	3% (71)	7% (167)

Table 33: Motorized Recreation Level of Interest in a Single Pass or Permit that Allows Access to all State Managed Outdoor Recreation Lands and Water Craft Launch Fees.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Motorized Recreation	21.9% (3281)	15.2% (2301)	25.1% (3766)	16.4% (2457)	21.4% (3207)
Motorized Recreation	37.5% (866)	17.4% (403)	21.3% (492)	8.9% (205)	15% (346)

Table 34: Motorized Recreation Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Winter Recreation Areas.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Motorized Recreation	31.2% (4737)	23.6% (3582)	20.9% (3170)	11.4% (1736)	12.8% (1940)
Motorized Recreation	37.1% (859)	20.6% (476)	19.3% (447)	8.9% (206)	14.2% (328)

Motorized Recreation and Support for Options

Descriptive analysis of motorized recreation and support for options suggests that respondents who engage in motorized recreation are more opposed to each of the options. The option to have a discounted pass at vehicle registration has the strongest support from those that engage in this activity, with 56.6% (1,301) saying that they either Support or Strongly Support the option. The second most supported option among this group is to have a single pass with optional add-ons (49.5%, 1,137). Mann-Whitney U tests on all survey respondents indicate that there is a significant difference between those who engage in motorized recreation and those who do not and support for all options, with those who engage in this activity rating their opposition to all options significantly higher ($p < .01$). However, we are unable to conduct comparison statistical tests with random resident survey data due to the limited number of individuals who engage in this activity in this survey. Therefore, these differences should be approached with caution.

Table 35: Motorized Recreation Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Motorized Recreation	20.3% (3415)	15.7% (2631)	16% (2696)	8.2% (1378)	12.5% (2096)	11.9% (1999)	15.4% (2591)
Motorized Recreation	21.7% (554)	12.4% (317)	13.9% (355)	7.4% (189)	8.3% (212)	12% (307)	24.1% (614)

Table 36: Motorized Recreation Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Motorized Recreation	32.6% (5465)	28.5% (4766)	16.3% (2737)	8% (1341)	4.9% (828)	4.2% (701)	5.4% (907)
Motorized Recreation	29.7% (755)	25.4% (644)	16.1% (408)	8.4% (214)	3.8% (96)	4.8% (121)	11.9% (301)

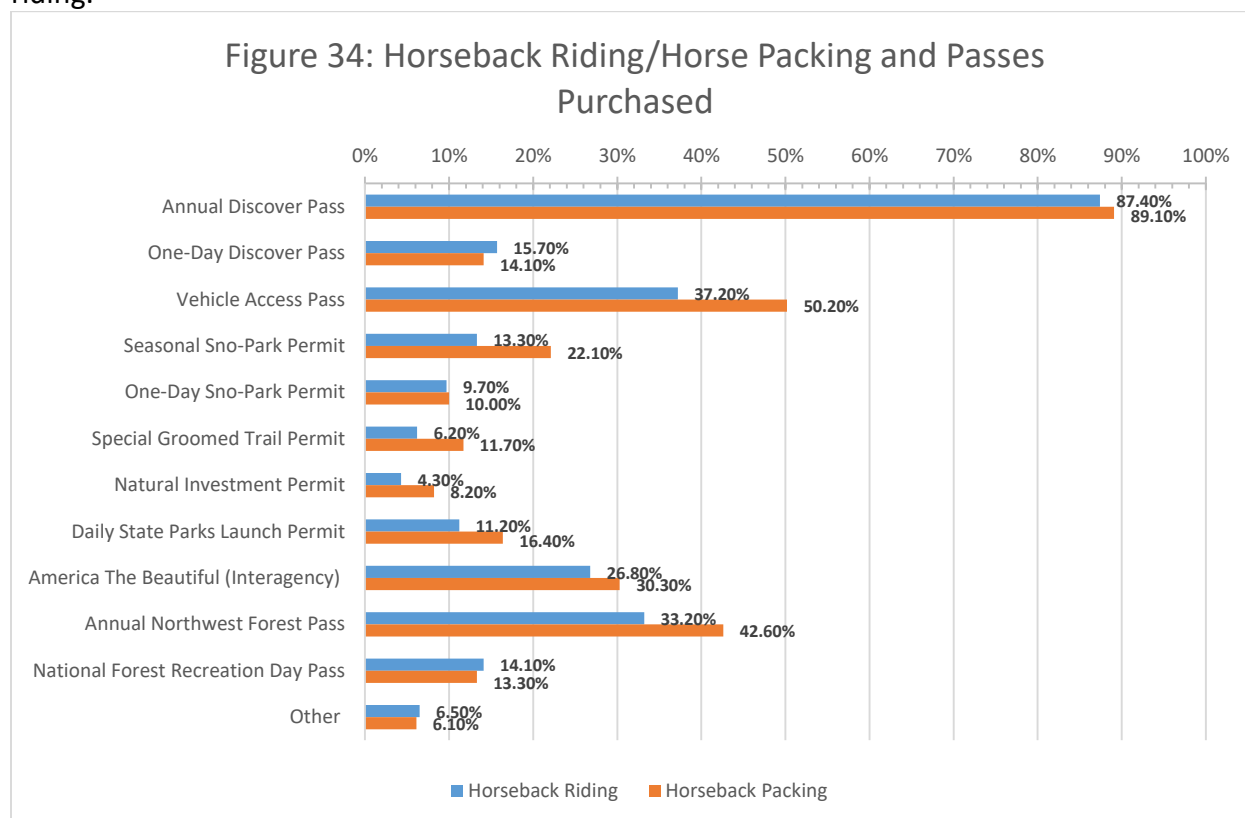
Table 37: Motorized Recreation Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Motorized Recreation	29.3% (4898)	29.3% (4898)	17.5% (2927)	12.4% (2068)	4.2% (697)	3.4% (565)	4% (668)
Motorized Recreation	22.7% (578)	26% (660)	18% (304)	12% (304)	4.3% (108)	5.2% (132)	11.7% (297)

Group Comparisons-Horse Riding/Packing

Horseback Riding and Horse Packing and Passes Purchased

The pass purchasing and support for options of respondents who engage in horseback riding and those who engage in horse packing were also examined. Those that participate in horse packing activities tend to purchase/acquire the Vehicle Access Pass, Seasonal Sno-Park Permit, and the Annual Northwest Forest pass as higher rates than those that participate in horseback riding.



Horseback Riding and Interest in Combined Passes

Descriptive analysis of horseback riding and interest in combined passes indicates that respondents who engage in horseback riding are most interested in the single pass/permit that gives access to all state and federal managed outdoor recreation lands in Washington State, followed by the pass that combines access to all state managed outdoor recreation lands and all National Forests in Washington State. Mann-Whitney U tests conducted on all survey responses indicates that statistically significant differences exist between those who engage in horseback riding and those who do not for all four combination options. Those who engage in horseback riding rate their interest in all these passes significantly higher than those who do not ($p < .01$). Comparisons with random resident survey data are unable to be conducted due to the small proportion of respondents who engage in this activity; therefore, these results should be approached with caution.

Table 38: Horseback Riding Level of Interest in a Single Pass or Permit that Gives Access to all State and Federal Managed Outdoor Recreation Lands in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horseback Riding	75.6% (12733)	15.7% (2674)	4.5% (776)	1.9% (327)	3.2% (550)
Horseback Riding	78.2% (1240)	14.7% (233)	3.5% (55)	1.1% (18)	2.5% (40)

Table 39: Horseback Riding Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and all National Forests in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horseback Riding	62.6% (10317)	22.6% (3720)	7.1% (1177)	3.1% (503)	4.6% (763)
Horseback Riding	68.4% (1044)	18.9% (289)	6.9% (106)	2.1% (32)	3.6% (55)

Table 40: Horseback Riding Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Water Craft Launch Fees.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horseback Riding	23.1% (3673)	15.4% (2445)	24.7% (3916)	15.7% (2496)	21.1% (3350)
Horseback Riding	32.8% (474)	17.9% (259)	23.7% (342)	11.5% (166)	14.1% (203)

Table 41: Horseback Riding Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Winter Recreation Areas.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horseback Riding	31.5% (5046)	23.3% (3734)	20.7% (3322)	11.3% (1813)	13.1% (2105)
Horseback Riding	37.6% (550)	22.2% (324)	20.2% (295)	8.8% (129)	11.2% (163)

Horse Packing and Interest in Combined Passes

We are unable to conduct statistical comparisons on interest in passes between those who engage in horse packing and those who do not due to the low number of individual respondents who engage in this activity. However, descriptive analysis suggests that those who engage in horse packing are most interested in a pass that gives access to all state and federal managed outdoor recreation lands and a pass that combines access to all state managed lands and National Forests in Washington State. Interestingly, descriptive analysis also suggests that those who engage in horse packing are more interested in a pass that combines access to all state managed lands and water craft launch sites, and all state managed lands and winter recreation areas.

Table 42: Horse Packing Level of Interest in a Single Pass or Permit that Gives Access to all State and Federal Managed Outdoor Recreation Lands in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horse Packing	74.9% (13627)	15.7% (2850)	4.5% (817)	1.9% (339)	3.1% (566)
Horse Packing	77.4% (346)	12.8% (57)	3.1% (14)	1.3% (6)	5.4% (24)

Table 43: Horse Packing Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and all National Forests in Washington State.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horse Packing	62.9% (11066)	22.4% (3944)	7.1% (1257)	3% (524)	4.5% (792)
Horse Packing	69.7% (295)	15.4% (65)	6.1% (26)	2.6% (11)	6.1% (26)

Table 44: Horse Packing Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Water Craft Launch Fees.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horse Packing	23.5% (3984)	15.7% (2650)	24.6% (4172)	15.5% (2632)	20.6% (3490)
Horse Packing	41.2% (163)	13.6% (54)	21.7% (86)	7.6% (30)	15.9% (63)

Table 45: Horse Packing Level of Interest in a Single Pass or Permit that Gives Access to all State Managed Outdoor Recreation Lands and Winter Recreation Areas.

	Very Interested	Somewhat Interested	Neither Interested nor Uninterested	Not very Interested	Not at all Interested
No Horse Packing	31.8% (5424)	23.3% (3986)	20.7% (3543)	11.2% (1913)	13% (2213)
Horse Packing	42.8% (172)	17.9% (72)	18.4% (74)	7.2% (29)	13.7% (55)

Horseback Riding and Support for Options

Over 50% of respondents who engage in horseback riding Strongly Support or Support a discounted pass at the time of registration or a single pass/permit to access state managed outdoor recreation lands with optional add-ons. However, Mann Whitney U tests reveal there is no significant difference in support for different options between those who engage in horseback riding and those who do not.

Table 46: Horseback Riding Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Horseback Riding	20.6% (3644)	15.3% (2708)	15.7% (2783)	8.2% (1448)	12.1% (2139)	12% (2135)	16.2% (2875)
Horseback Riding	20% (325)	14.8% (240)	16.5% (268)	7.3% (119)	10.4% (169)	10.5% (171)	20.3% (330)

Table 47: Horseback Riding Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Horseback Riding	32.1% (5672)	28.2% (4991)	16.4% (2904)	8.1% (1435)	4.8% (851)	4.2% (746)	6.1% (1075)
Horseback Riding	34% (548)	26% (419)	15% (241)	7.5% (120)	4.5% (73)	4.7% (76)	8.3% (133)

Table 48: Horseback Riding Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Horseback Riding	28.5% (5035)	29% (5112)	17.6% (3097)	12.2% (2149)	4.2% (738)	3.6% (641)	4.9% (870)
Horseback Riding	27.2% (439)	27.7% (446)	17.8% (287)	13.8% (223)	4.2% (67)	3.5% (56)	5.9% (95)

Horse Packing and Support for Options

Descriptive analysis suggests that those who engage in horse packing are more supportive of a discounted pass at the time of vehicle registration (slightly over half either Strongly Support or Support this pass). A single pass/permit to access state managed outdoor recreation lands with optional add-ons receives similar support with 50.5% of those who engage in horse packing Strongly Supporting or Supporting this option.

Table 49: Horseback Packing Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Horse Packing	20.5% (3877)	15.2% (2880)	15.8% (2988)	8.1% (1540)	12% (2261)	12% (2261)	16.4% (3092)
Horse Packing	20.7% (92)	15.3% (68)	14.2% (63)	6.1% (27)	8.3% (37)	10.1% (45)	25.4% (113)

Table 50: Horseback Packing Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Horse Packing	32.3% (6088)	28.2% (5313)	16.3% (3078)	8% (1515)	4.8% (903)	4.2% (795)	6.1% (1153)
Horse Packing	30.1% (132)	22.1% (97)	15.3% (67)	9.1% (40)	4.8% (21)	6.2% (27)	12.5% (55)

Table 51: Horseback Packing Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
No Horse Packing	28.5% (5362)	29% (5448)	17.6% (3308)	12.3% (2314)	4.2% (790)	3.6% (673)	4.9% (920)
Horse Packing	25.5% (112)	25% (110)	17.3% (76)	13.2% (58)	3.4% (15)	5.5% (24)	10.2% (45)

Group Comparison-Exemption Groups

We conducted several group comparisons for key exemption groups. Respondents were asked to indicate whether they or anyone in their household was a veteran, a veteran with a service related disability, and a person with a disability. We also asked respondents for their age in years. We conducted an analysis of three key exemption groups, veterans, seniors, and persons with a disability. We are unable to conduct comparison analysis with random resident responses due to the limited number of households.

Veterans in Household and Passes Purchased/Support for Options

Similar to horseman and motorized recreationists, households with veterans most strongly support a discounted pass at the time of registration with 58.7% supporting or strongly supporting, followed by a single pass with optional add-ons (51%).

Table 52: Veterans Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Households with a Veteran	20% (637)	14% (447)	13.5% (428)	7.4% (237)	10.7% (341)	12.9% (411)	21.4% (681)
Household no Veteran	20.7% (3262)	15.6% (2449)	16.3% (2564)	8.2% (1285)	12.2% (1917)	11.8% (1851)	15.3% (2403)

Table 53: Veterans Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Households with a Veteran	31.3% (994)	27.4% (870)	14.4% (458)	8.3% (262)	4.6% (147)	5.5% (173)	8.4% (267)
Household no Veteran	32.8% (5146)	28.4% (4450)	16.7% (2626)	7.9% (1245)	4.7% (745)	3.9% (611)	5.5% (866)

Table 54: Veterans Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Households with a Veteran	24.3% (770)	26.7% (845)	17.4% (552)	14.9% (472)	4.5% (142)	4.8% (152)	7.4% (236)
Household no Veteran	29.5% (4623)	29.5% (4620)	17.5% (2750)	11.7% (1834)	4.1% (646)	3.3% (525)	4.3% (676)

Seniors and Passes Purchased/Support for Interest in Options

Seniors, individuals who indicated their age was 65 and older, most strongly support a discounted pass at vehicle registration with 56.6% supporting or strongly supporting, followed by a single pass with optional add-ons.

Table 55: Seniors Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Seniors	21.4% (698)	14.2% (462)	13.1% (427)	8.2% (268)	11.2% (366)	13.6% (442)	18.2% (592)
Non-Seniors	20.4% (3186)	15.6% (2429)	16.4% (2561)	8.1% (1262)	12.1% (1888)	11.5% (1800)	15.9% (2481)

Table 56: Seniors Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Seniors	29.3% (945)	26.1% (844)	15.5% (502)	9.5% (308)	5.2% (167)	5.6% (182)	8.7% (282)
Non-Seniors	33.2% (5177)	28.6% (4458)	16.5% (2575)	7.6% (1190)	4.7% (725)	3.9% (602)	5.5% (852)

Table 57: Seniors Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Seniors	21.9% (709)	25.8% (832)	17.4% (563)	17.1% (552)	4.7% (152)	5.3% (171)	7.8% (252)
Non-Seniors	30.1% (4680)	29.7% (4617)	17.6% (2732)	11.2% (1743)	4% (630)	3.2% (500)	4.2% (658)

Person with a Disability in the Household and Support for Options

Similar to several other groups, individuals who indicated their households have a person with a disability most support a discounted pass at the time of registration with 55% saying they support or strongly support this option.

Table 58: Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Person with a Disability	19.4% (322)	14.9% (248)	13.9% (230)	9.8% (162)	10.7% (177)	11.1% (185)	20.2% (336)
All other households	20.7% (3572)	15.3% (2643)	16% (2764)	7.9% (1358)	12.1% (2078)	12% (2073)	15.9% (2738)

Table 59: Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Person with a Disability	29.8% (492)	25.2% (416)	15.9% (263)	10.4% (171)	4.6% (76)	4.5% (75)	9.6% (159)
All other households	32.8% (5639)	28.5% (4899)	16.4% (2815)	7.8% (1335)	4.7% (814)	4.1% (709)	5.7% (971)

Table 60: Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Person with a Disability	23.7% (391)	26% (429)	16.9% (279)	16.5% (272)	4.1% (68)	4.2% (70)	8.6% (142)
All other households	29.1% (4994)	29.3% (5032)	17.6% (3018)	11.8% (2033)	4.2% (719)	3.5% (605)	4.5% (764)

Group Comparison-Households that receive a Discounted Pass/Permit

Lastly, we examined support for options among respondents who indicated their households obtain a discounted volunteer pass. In order to conduct this analysis, we created a new variable that combined all respondents who obtained either an Annual Discover Pass for Volunteers, a Volunteer Interagency Pass, or the Volunteer Northwest Forest Pass. These three passes were combined to better understand how obtaining a volunteer pass impacts support for options. Due to the relatively low numbers of individuals who indicated their household received these passes in the random resident survey, we are unable to conduct comparison with this data.

Discounted Passes and Support for Options -Those who obtain a discounted volunteer pass and passes purchased

Those that obtain a volunteer pass most strongly support a discounted pass at time of registration, with 62% supporting or strongly supporting this option, followed closely by a single pass with optional add-ons (60.1%).

Table 61: Support for Eliminating the Need for Passes/Permits by Increasing Vehicle Registration Fees for all access to Public Recreation Lands Would Simply Require a Washington State License Plate.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Discounted Volunteer Pass	21.3% (139)	17.3% (113)	16.4% (107)	8.4% (55)	11.9% (78)	10.4% (68)	14.2% (93)
Not Acquired	21.1% (3487)	15.6% (2567)	16.1% (2649)	7.8% (1281)	12.2% (2008)	11.9% (1965)	15.3% (2530)

Table 62: Support for Opportunity to Purchase a Discounted Pass to Access State Managed Outdoor Recreation Lands at time of Vehicle Registration. Those who do not Purchase the Pass at Time of Registration would have the Option to Purchase a Pass Later at a Higher Price

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Discounted Volunteer Pass	31% (200)	31% (200)	13.6% (88)	7.8% (50)	5% (32)	4.8% (31)	6.8% (44)
Not Acquired	33.7% (5542)	28.7% (4710)	16.2% (2661)	7.1% (1170)	4.8% (782)	4% (663)	5.5% (907)

Table 63: Support for Single Pass/Permit for Access to State Managed Outdoor Recreation Lands and Optional Add-ons

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
Discounted Volunteer Pass	28% (181)	32.1% (208)	17% (110)	12.5% (81)	3.2% (21)	2.8% (18)	4.3% (28)
Not Acquired	30.5% (5005)	29.7% (4872)	17.5% (2876)	10.8% (1777)	4.1% (672)	3.3% (542)	4.1% (670)

Group Comparisons Conclusions

Group comparisons suggest there are significant differences in interest in combined passes based on type of activities engaged in by respondents, and regional location. As illustrated in the analysis, region impacts the opinions and perceptions of respondents. Eastern respondents are significantly more interested in a combined pass that gives access to all state managed recreation lands and water craft launch sites, and access to all state managed recreation lands and winter recreation than Western respondents. This is potentially explained by the fact that a higher percentage of Eastern respondents engage in Fishing than Western respondents. In fact, when examining fishing and hunting, those who both fish and hunt are also significantly more interested in a single pass that provides access to all state managed outdoor recreation lands and water craft launch sites than all other groups. Those who do neither activity are significantly more interested in a single pass or permit that gives access to all state and federal managed outdoor recreation lands in Washington, than those who both fish and hunt.

Statistical comparisons also suggest that individuals who camp (both backcountry and Tent, RV/Camper, Cabin/Yurt) and individuals who hike are more supportive of all combined pass options, with the exception of combining access with watercraft launch sites than those who do neither activity. Crosstabulations reveal considerable overlap between individuals who hike and individuals who engage in backcountry camping, potentially explaining these similarities. In fact, hikers were significantly different from all other groups in support for most passes, and all options for funding public lands.

Those who do not engage in any form of hiking expressed more opposition to each of the options for funding public lands. Given that hikers account for over 80% of respondents when all survey data is combined, the results of overall survey analysis should be approached with some caution. However, these results remain when testing with the random resident survey data which has considerably less individuals who engage in hiking activities. The comparison with random resident only data provides a wealth of descriptive information on interest in combining passes and support for options, and the representation of hikers in this data are closer to other survey estimates, such as the SCORP. Hikers are not the only groups that rate their opposition to each option for funding public land higher, non-pass purchasers are significantly more opposed to each funding option, while Eastern respondents are significantly more opposed to increasing vehicle registration fees and eliminating the need for passes.

As mentioned, Eastern respondents are more likely to engage in hunting and fishing, and individuals who hunt or hunt and fish are significantly more opposed to increasing vehicle registration fees. Hunters and those who hunt and fish are also more opposed to a discounted pass at the time of vehicle registration, and a base pass with optional add-ons. Backcountry campers are also more opposed to a reduced pass at the time of vehicle registration. In addition, those who do not camp are less supportive of eliminating passes by increasing vehicle registration fees and a single base pass with add-ons.

This suggests that there may be a need to reach out to these groups when making changes to the system, particularly changes that these groups view more negatively than others. While a survey can provide a wealth of information on general attitudes, other methodology can be employed to better understand these perceptions and opinions in depth, as well as gauge pricing flexibility for consumers. The survey is limited due to the reliance on non-probability sampling and inability to know parameters for generalization to these groups; however, the supplement with random sampling of key user groups and random resident help to alleviate some of these concerns. An additional limitation is that online surveys do tend to under-represent certain groups, and other more targeted methods may be necessary in order to reach out to non-pass purchasers and exemption groups to understand their needs and concerns.

Recommendations

- While the survey provides much information on general support for potential funding options, in order to understand the fiscal impact of each of these options, particularly in terms of agency fiscal health and successful management of Washington State public lands, it will be necessary to conduct further analysis. For each funding option, it is recommended that agencies conduct an economic impact analysis, and work with economics experts, especially an expert in natural resource economics, to fully understand the fiscal impact of each proposed option.
- Agencies have expressed interest in increasing the price of the Discover Pass to help cover rising costs of public land management. The survey, particularly the random resident survey, does provide valuable information on the percentage of individuals who

purchased an annual Discover Pass in the last 12 months and their willingness to purchase the pass at different price levels. While this can be used to estimate potential revenue loss or gain, a more sophisticated analysis that incorporates various economic concerns may be necessary to understand the full revenue impact of increasing the price of the Annual Discover Pass. Likewise, if agencies create a lower priced annual pass for one vehicle only, a similar analysis will be necessary in order to determine potential revenue loss or gain.

- Whatever funding options agencies decide to utilize, the results reveal several statistical differences in level of support for these options among certain groups. It is recommended that the agencies conduct outreach to stakeholders and potential stakeholders, particularly those who may be more opposed to certain options, to understand and address their concerns. It may be useful to conduct focus groups with key outdoor recreation user groups, such as those who fish and hunt, to better understand their opinions moving forward.
- The survey asked several questions regarding potential pricing of passes/permits and funding options. While a survey has many strengths, including its ability to reach larger sections of the population, inferences based on pricing questions and specifics regarding pricing and its impacts are limited. It may be necessary to conduct additional analyses using different methodologies to better understand price flexibility.
- Lastly, it is important to note that whatever option that state agencies utilize to enhance funding for Washington State public lands, it will likely require significant public outreach. This outreach should focus on why these changes are being considered, why they are deemed necessary, and provide an opportunity for state residents to express their opinion.

Appendix: Survey Questions

In the next few questions, please tell us about your household's outdoor recreation activities

What types of outdoor recreation does your household engage in? Please mark all that apply.

- ☐ Camping (back country/wilderness or primitive/rustic campsite)
- ☐ Camping (Tent at established campground, reservations required)
- ☐ Camping (RV/Camper at established campground, reservations required)
- ☐ Camping (Cabin/Yurt)
- ☐ Canoeing/Kayaking
- ☐ Boating (power)
- ☐ Rafting/Tubing
- ☐ Climbing/Mountaineering
- ☐ Birding
- ☐ Mountain biking
- ☐ Hunting
- ☐ Fishing
- ☐ Shellfish Harvesting
- ☐ Hiking (day trips)
- ☐ Hiking (multi-day/overnight trips)
- ☐ Motorized recreation (ATV, dirt bikes, 4X4 trail riding, etc.)
- ☐ Winter recreation: non-motorized (cross-country/back country skiing, snowshoeing, wide tire biking)
- ☐ Winter recreation: motorized (snowmobiling)
- ☐ Horseback riding
- ☐ Horse Packing
- ☐ Other (please specify below)
- ☐ None

Please tell us more about the outdoor recreation permits, licenses, and/or passes that your household purchases or acquires by answering the following questions.

Have you or anyone in your household purchased/acquired outdoor recreation passes or permits in the last 12 months (e.g. Discover Pass, Interagency Pass, Northwest Forest Pass, Sno-Park permit etc.)?

- ☐ Yes
- ☐ No

Section 1: Questions for individuals whose households have purchases/acquired a pass/permit in the last 12 months

Please indicate which of the following Washington State and Federal passes or permits your household has purchased in the past 12 months, the amount purchased, and whether the pass is purchase every year? *Please select all that apply, and please do not include free or discounted passes (e.g. volunteer passes, etc.), these are included in the following questions.*

	Pass or permit purchased/acquired?		Do you purchase this pass every year?		How many purchased?
	Yes	No	Yes	No	
Annual Discover Pass (year-round vehicle access to WA State Parks, WA Department of Natural Resources (DNR), and Washington Department of Fish and Wildlife (WDFW) lands)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
One-Day Discover Pass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Vehicle Access Pass (Vehicle access permit that comes with most hunting/fishing licenses for WA Dept. of Fish and Wildlife lands)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Seasonal Sno-Park Permit (Seasonal parking permit for Sno-Parks)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
One-Day Sno-Park Permit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Special-Groomed Trail Permit (Required with a Seasonal Sno-Park Permit to access Cabin Creek, Chiwawa, Crystal Springs, Hyak, Lake Easton, Lake Wenatchee, Mount Spokane, and Nason Ridge)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Natural Investment Permit (annual permit for launching watercraft at WA State Parks)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Daily State Parks Launch Permit (for launching a watercraft at WA State Parks)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
America the Beautiful (Interagency Pass) (honored nationwide by federal agencies, e.g. National Park Service, Forest Service, US Fish and Wildlife, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Annual Northwest Forest Pass (honored at National Forests in Washington and Oregon)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
National Forest Recreation Day Pass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other (please specify below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Please indicate where you purchased your Annual Discover Pass.

- ☐ In a WA State Park or at a State Park Office
- ☐ Retail Location (e.g. Big 5, REI, Walmart, etc.)
- ☐ During vehicle registration renewal
- ☐ Online (not during vehicle registration renewal)
- ☐ Other (please specify below) _____

The price of the Discover Pass currently ranges from \$30 to \$35 depending on where it is purchased. If the price of the Discover Pass was set to the prices below, please indicate the likelihood your household would purchase it.

	Definitely would purchase	Probably would purchase	Probably would not purchase	Definitely would not purchase
\$35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which Washington State or federal reduced and/or free passes has your household acquired in the last 12 months? *Please select all that apply.*

	Reduced and/or Free Passes Acquired?		Does your household Acquire this pass Ever		How many acquired?
	Yes	No	Yes	No	
<i>Annual Discover Pass for Volunteers</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Foster Home Camping Pass for WA State Parks</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Off-Season Senior Citizen Camping and Boat Launching Pass for WA State Parks</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Senior Citizen Limited Income Camping and Boat Launching Pass for WA State Parks</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Disability Pass for WA State Parks</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Disabled Veteran Lifetime Pass for WA State Parks</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Federal Access Pass (America the Beautiful-Interagency Pass for U.S. permanent residents/citizens with permanent disability)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>Volunteer America the Beautiful (Interagency)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<i>4th Grade Pass (America the Beautiful/Interagency Pass for current 4th grade students)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Military Pass (America the Beautiful/Interagency) Pass for active duty military	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Volunteer Northwest Forest Pass (honored at National Forests in OR/WA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other (please specify below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Please tell us more about your perceptions of the current pass and permit system, your opinions on potential opportunities for improvement, and your preferences on pass/permit format by answering the following questions.

Please indicate your level of agreement from Strongly Agree (1) to Strongly Disagree (5) with the statements below regarding the current pass and permit system.

	Strongly Agree (1)	Agree (2)	Neither Agree nor Disagree (3)	Disagree (4)	Strongly Disagree (6)
The current pass and permit system is easy to understand.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have changed my recreation plans because I did not know which pass or permit I needed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have shown up to a recreation site and found out that I had the wrong pass or permit.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have changed my recreation plans because I could not afford the required passes/permits.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Washington State has multiple vehicle passes/permits that are required for different lands. If some passes were combined to reduce the number of passes required, please indicate your level of interest in the following combination of passes/permits, and the highest price you would pay for the pass if it was offered.

A single pass or permit that gives access to...

	Level of Interest					Highest price you would pay for the pass if it was available?
	Very interested	Somewhat interested	Neither Interested nor Uninterested	Not very interested	Not at all interested	from \$30 to \$100
All state and all federal managed outdoor recreation lands in Washington.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
State managed outdoor recreation lands and all National Forests in <u>Washington State</u>.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
State managed outdoor recreation lands and water craft launch fees.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
State managed outdoor recreation lands and winter recreation areas.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

If the current system of managing public recreational lands in Washington State was changed, please indicate, in your opinion, the level of importance of the following considerations for designing and planning a new system.

	Very Important	Important	Neither Important nor Unimportant	Unimportant	Very Unimportant
Reducing my costs to access state-managed public lands	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Providing access to state-managed public lands AND federal lands with a single pass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reducing the number of permits/passes required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating a single website where I can plan trips and purchase any passes I need	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensuring public lands are adequately funded.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensuring easier access for Seniors, Veterans, and Low Income Individuals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Passes could potentially be available in several formats. Of the options below, please tell us which option is your 1st choice (most preferred), 2nd choice and 3rd choice (least preferred). *Please only select one 1st choice, one 2nd choice, and one 3rd choice for the options given.*

	1st Choice (Most Preferred)	2nd Choice	3rd Choice (Least Preferred)
A window sticker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A hang tag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A license tab to access public recreation lands	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The price of a pass may increase with the number of vehicles that it can be transferred to. Of the options below, please tell us which option is your 1st choice (most preferred), 2nd choice and 3rd choice (least preferred). *Please only select one 1st choice, one 2nd choice, and one 3rd choice for the options given.*

	1st Choice (Most Preferred)	2nd Choice	3rd Choice (Least Preferred)
A lower priced pass that is associated with one vehicle only	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A somewhat higher priced pass that can be transferred between two vehicles in a household	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A more expensive pass that can be transferred to three vehicles or more	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section 2: Survey Questions for individuals who did not purchase a pass/permit in the last 12 months

Please indicate the primary reason your household has not purchased/acquired passes or permits in the last 12 months? *Please select only one.*

- ☐ Too expensive
- ☐ Do not know where to get passes/permits/licenses we need
- ☐ Do not know what passes/permits/licenses we need
- ☐ Too many passes/permits/licenses needed
- ☐ Difficulties accessing state and federal outdoor recreation lands (e.g., transportation, restrictions on service animals)
- ☐ Lack of amenities (e.g., bathrooms, visitor centers, water fountains)
- ☐ Safety Concerns (please specify below) _____
- ☐ Prefer other recreational or leisure activities
- ☐ Primarily visit state parks, national parks, etc., on free days (such as Veterans Day, Earth Day, etc.)
- ☐ Passes are not needed where I recreate
- ☐ No time
- ☐ Just moved to Washington State
- ☐ Other (please specify below) _____

You indicated that your household has difficulties accessing state and federal outdoor recreation. Please tell us what limits your ability to access these public lands.

- ☐ Do not have personal vehicle
- ☐ No Public transportation to these areas
- ☐ Cannot afford public transportation
- ☐ Cannot afford equipment needed
- ☐ Lack of ADA accessibility
- ☐ Restrictions on service animals
- ☐ Lack of amenities at trail head
- ☐ Other (please specify below) _____

Would your household purchase passes and/or permits to access state-managed outdoor recreation and federally-managed public lands if prices were reduced?

- ☐ Yes
- ☐ Maybe
- ☐ No
- ☐ I do not know the prices of passes and/or permits

If prices were reduced for passes and permits, what is the total price (in dollars) that your household would consider spending to purchase passes/permits?

The Annual Discover Pass is currently \$30. This gives vehicle access for all WA state parks, WA Department of Natural Resources lands, and Washington Department of Fish and Wildlife (WDFW). Please indicate at what price (in dollars) your household would consider purchasing a Discover Pass.

Price (in dollars) your household would consider purchasing a Discover Pass (from \$30 to \$100).



What is the likelihood that you would purchase the Discover Pass in the future if it was the price you indicated in the question above?

- ☐ Definitely would purchase
- ☐ Would probably purchase
- ☐ Would probably not purchase
- ☐ Definitely would not purchase

What would motivate your household to purchase a Discover Pass?

Section 3: Questions asked of both pass purchasers and non-pass purchasers

There are several options for funding Washington State's public lands and possibly reducing the number of passes/permits needed to use outdoor recreation lands in the state. Information on some potential options is included below. Please indicate your level of support for each.

Option 1: Eliminate the need for passes/permits by increasing vehicle registration fees for all Washington State residents. Access to public recreation lands would simply require a Washington State license plate.

Please indicate your level of support for this option.

- ☐ Strongly Support
- ☐ Support
- ☐ Moderately Support
- ☐ Neither Support nor Oppose
- ☐ Moderately Oppose
- ☐ Oppose
- ☐ Strongly Oppose

If Option 1 above were implemented, please indicate your level of support for the following vehicle registration fees to support and access state managed outdoor recreation lands.

	Strongly Support	Support	Moderately Support	Neither Support nor Oppose	Moderately Oppose	Oppose	Strongly Oppose
\$7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Option 2: During vehicle registration, all Washington State residents would have an opportunity to purchase a discounted pass to access state managed outdoor recreation lands. Those who do not purchase the pass at time of registration would have the option to purchase a pass later at a higher price. Residents who pay the fee during registration would receive special license tabs to access Washington State managed outdoor recreation lands.

What is your level of support for this option?

- ☐ Strongly Support
- ☐ Support
- ☐ Moderately Support
- ☐ Neither Support nor Oppose
- ☐ Moderately Oppose
- ☐ Oppose
- ☐ Strongly Oppose

If Option 2 above were implemented, please indicate the likelihood your household would purchase the pass at time of registration if the discount provided was:

	Very Likely	Somewhat Likely	Neither Likely nor Unlikely	Somewhat Unlikely	Very Unlikely	We do not have a vehicle
\$10 off per vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$15 off per vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\$20 off per vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Option 3: You can purchase a single pass/permit for access to state-managed outdoor recreation lands, such as the Discover Pass, and have the option to increase access by purchasing additional stamps/endorsements for that pass depending on your preferred activities. (For example, you can add Sno-Parks access to your pass for an additional fee.)

What is your level of support for a single pass with optional add-ons for Washington State public recreation lands?

- ☐ Strongly Support
- ☐ Support
- ☐ Moderately Support
- ☐ Neither Support nor Oppose
- ☐ Moderately Oppose
- ☐ Oppose
- ☐ Strongly Oppose

Section 4: Demographics

Lastly, please tell us a little more about yourself and your household.

Please indicate your age (in years).

Please indicate your gender.

- ☐ Male
- ☐ Female
- ☐ Other _____

Please indicate your race (mark all that apply).

- ☐ Asian American
- ☐ American Indian/Alaskan Native
- ☐ Black/African American
- ☐ Caucasian/White
- ☐ Asian Indian
- ☐ Chinese
- ☐ Japanese
- ☐ Korean
- ☐ Vietnamese
- ☐ Indonesian
- ☐ Russian
- ☐ Ukrainian
- ☐ Native Hawaiian/Other Pacific Islander
- ☐ Other (please specify below)

Are you of Hispanic, Latina/Latino, or Spanish origin?

- ☐ No, not of Hispanic, Latina/Latino, or Spanish origin
- ☐ Yes, I am of Hispanic, Latina/Latino or Spanish Origin

Please indicate the primary language spoken in your household.

- ☐ English
- ☐ Spanish
- ☐ Russian
- ☐ Vietnamese
- ☐ Korean
- ☐ Other (please specify below) _____

Please indicate whether you or anyone in your household is: *Please mark all that apply.*

- ☐ on active duty in the military
- ☐ a Veteran
- ☐ a Veteran with a service related disability of 30% or more (please specify below)
- ☐ a person with a disability
- ☐ an individual with a permanent disability parking permit
- ☐ a foster care provider

Please indicate the number of registered vehicles in your household.

- ☐ 0
- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5 or more

Please indicate your approximate household income in 2016 before taxes (optional).

- ☐ Below \$9,999
- ☐ \$10,000-\$39,999
- ☐ \$40,000-\$69,999
- ☐ \$70,000-\$99,999
- ☐ \$100,000-\$119,999
- ☐ \$120,000 and up

Where is your primary residence?

- ☐ Zip Code _____

Thank you for your help. If you have any further comments or concerns, please provide them below.
