

VITAL SIGNS LATINX SURVEY

SUMMARY 2021

A Report on Human Wellbeing

Prepared for the Puget Sound Partnership

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Executive Summary

This report covers the first purposive sample of Latinx populations for the following Vital Signs: Good Governance, Sound Stewardship, Sense of Place, Outdoor Activity, Cultural Wellbeing and Local Foods. There were no statistically significant differences between the 2020 Caucasian and Latinx responses and the Latinx 2021 responses, except for the Fall outdoor activity, gardening and yardwork ($p = 0.0256$). This demonstrates that responses to the biennial random-sample mail survey largely represent these racial and ethnic groups. All statistically significant dependent variables that explained that variance in responses to vital signs questions are listed below in pages 9-18. Below are key patterns and observations for 2021 Latinx responses:

Good Governance: 4.81 on a scale from 1 to 7 (Strongly disagree to strongly agree). On average, participants scored good governance between “neutral” and “somewhat agree”.

Sound Stewardship: 2.95 on a scale from 1 to 5 (Never to Frequently (more than 10 times a season)) On average, participants scored sound stewardship behaviors between “Rarely (1-2 times a year) and “Occasionally (1-4 times a month).

Sense of Place: 5.02 on a scale from 1 to 7 (Strongly disagree to strongly agree) On average, participants scored feeling a sense of place between “Somewhat agree” and “Agree.”

Nature-Based work:

About 36.3% of individuals indicated they worked in natural environments which is higher than the 12.6 % of 2020 Caucasian respondents that indicated having an outdoor aspect to their job.

Outdoor Activity:

On average, participants scored participation in the listed outdoor activities for both seasons between “Less than 1 day per month” and “1 to 4 days per month.”

- Spring picnic & BBQ participants were more likely to be younger ($p = 0.0156$)
- More costly activities such as motorized boat use and skiing/snowboarding were significantly dependent on more years of education
- The third most popular activity for the 2021 Latinx respondents was use of unpaved trails and paths, which was significantly dependent upon living longer in the U.S ($p = 0.046848$) and living less years in the Puget Sound ($p = 0.010249$). This suggests that the sample consisted of more assimilated Latinx respondents who had more recently started living in the Puget Sound. (see full report for more details)

Cultural Wellbeing: 3.73 on a scale from 1 to 6* (Dissatisfied to Satisfied)

On average, participants scored satisfaction with cultural practices between “Neither Satisfied nor Dissatisfied and “Somewhat satisfied.”

Local Foods: 1.84 on scale from 1 to 5 (Never to Frequently (more than 10 times a season))

On average, respondents participated in hunting, gathering and collecting of local food between “Never” and “Rarely (1-2 times a season)

- Collecting fruits, plants, berries etc. was the most popular local food sourced by the 2021 Latinx sample, followed by fish and crab harvesting.

Income: Earning a higher income explained the variability in responses for good governance, psychological wellbeing, cultural practices, and life satisfaction.

Education: Having more years of schooling explained the variability in responses for local foods, outdoor activities and doing nature-based work.



Introduction

This report summarizes results from a purposive Latinx sample to the subjective human wellbeing vital signs (<http://www.psp.wa.gov/vitalsigns/>) in 2021 and compares them to Latinx respondents and Caucasian respondents from the randomized mail survey in 2020. 82.1% of the 2020 mail survey respondents identified as Caucasian and 1.75% identified as Latino or Hispanic, resulting in a slightly underrepresented sample for the existing Puget Sound population. This is the first report on the subjective human wellbeing vital signs of Latinx populations with no future plans to continue purposive sampling of this group.

The Latinx human wellbeing survey mirrors the biennial Puget Sound human wellbeing survey, with a couple additional demographic questions and the opportunity to respond in Spanish. Specific methodology on survey creation, distribution, and analysis can be found in Appendix A. This report includes the assessment of the following vital signs: good governance of natural resources, sound stewardship, nature-based work in the Puget Sound, psychological wellbeing, sense of place, outdoor activity in the Puget Sound, cultural practices, and local foods. As with most surveys, this survey is limited in its ability to represent the full spectrum of beliefs, experiences, and perspectives of the target population. As such, the results should be applied with caution and with specific emphasis on comparison with Latinx and Caucasian respondents from past surveys. These results should not be applied to the general Latinx population of the Puget Sound. The population chosen for this survey was a purposive sample of Latinx Puget Sound residents, with 180 complete responses comprising the final sample included in the analysis. Survey distribution methods included a Qualtrics panel, radio and newspaper advertisement and outreach to Latinx- led and serving organizations throughout the Puget Sound region. For the purposes of consistency, results about this group are given with the label Latinx. Even so, survey questions contain the three additional common labels for this group: Latino/a, Hispanic and Spanish. The label used for this group was also dependent on the use designated by survey distributors and other contacted community members.

Frequency statistics were calculated for each question on the survey using Excel. Regression analyses for each vital sign and analyses of variance tests (ANOVAs) were conducted to determine if there were statistically significant differences between 2020 Caucasian & 2020 Latinx respondents and 2021 Latinx Respondents using R Studio.

As in past years, this report includes in-depth analyses of the survey data to better describe trends across geographies and demographics. These analyses include:

- Tests for significant differences in each Vital Sign across demographics*
- A gradient map indicating survey responses by county
- Key predictors of variance and correlates for all Vital Signs
- Language and images for the State of the Sound report and Vital Sign website
- List of general comments and governance agencies, institutions, or policy makers respondents referred to when responding about their beliefs toward Puget Sound Environmental governance.

*Country of origin was a new demographic question but was not included in any statistical analyses.



Demographics Overview

Ten demographic variables were asked of each respondent. These variables include:



Number of Years Lived in the Puget Sound

How long an individual has lived in the Puget Sound area



Sex

The respondent's self-identification as male, female or other



Area Lived In

Whether the respondent lives in an urban, suburban, or rural area



Education

The respondent's highest level of education completed



Income

The respondent's annual household income



Race

The respondent's self-identified race/s



Age

The respondent's age



Number of Years Lived in the U.S.

The number of years the respondent has lived in the U.S.



Country of Origin

The country the respondent associates with their birth, culture and/or heritage



Political Ideology

How conservative or liberal the respondent identifies

History

A Brief History of Latinx in the Puget Sound*

Latinx people first arrived in Washington in 1774 in Spanish exploration vessels, and their legacy is still felt to this day, for instance in the naming of major landmarks in Washington such as the San Juan Islands of northern Washington. During the early to mid-19th century Latinx were drawn to Washington for the fur trade and later for the prospects of gold, eventually buying plots of land and settling in the area (Guzman, 2006).

It wasn't until the 1940's when a large influx of Latinx people arrived for work spurred on by World War II and the demand for aircraft and ship manufacturing. With the internment of many Japanese workers the need for more agricultural workers increased (Gamboa, 2019). The U.S. and Mexico formed a bilateral worker-exchange agreement called the Bracero program, which lasted from 1942 to 1947 in Washington (Guzman, 2006). Many Braceros were hired to work on railroads and agricultural lands (Gamboa, 2019). The Bracero in Washington was much shorter than the national program which lasted until 1964 (Guzman, 2006). Even outside of the Bracero program, many of the Latinx settlers were of Mexican descent but had previously lived in surrounding states such as Wyoming, Idaho and Montana (Guzman, 2006).

During the 1990s many Latin American countries were under internal turmoil which further increased immigration from south and Central America, particularly from Mexico which was suffering from a huge economic crisis (Guzman, 2006) (Gamboa, 2019).

Latinx individuals in the Puget Sound have had a history of discrimination despite providing essential work that has supported the U.S economy, and have led various protests, labor strikes and hunger strikes, with Cesar Chavez even visiting in 1986 to lend his support. Many Latinx live in close communities within Washington, though the influence of Latinx culture is felt throughout the state. As of 2019, 10.3% of the Puget Sound population identifies as Latinx and as of 2019 13% of the Washington state population identified as Latinx, with numbers increasing every year (Puget Sound Regional Council, 2018) (U.S Census Bureau, 2019).

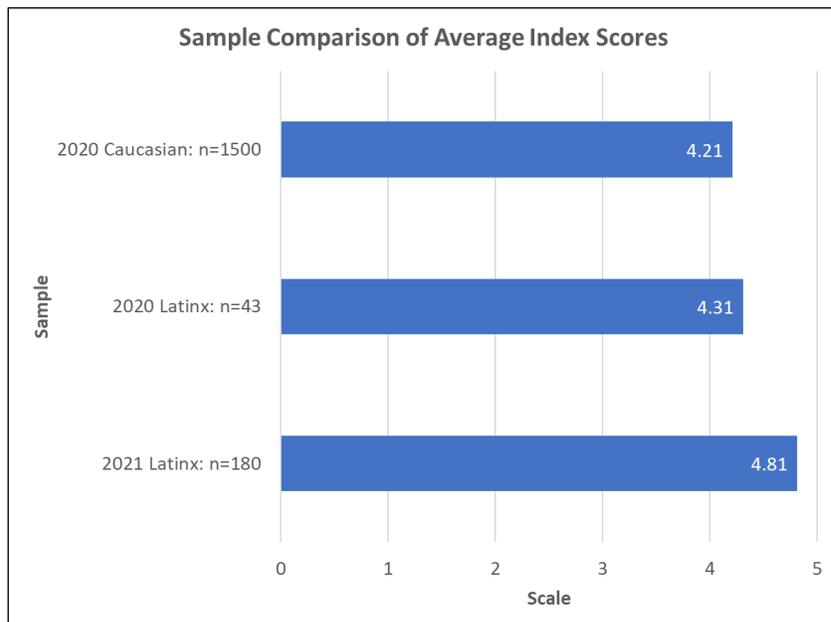
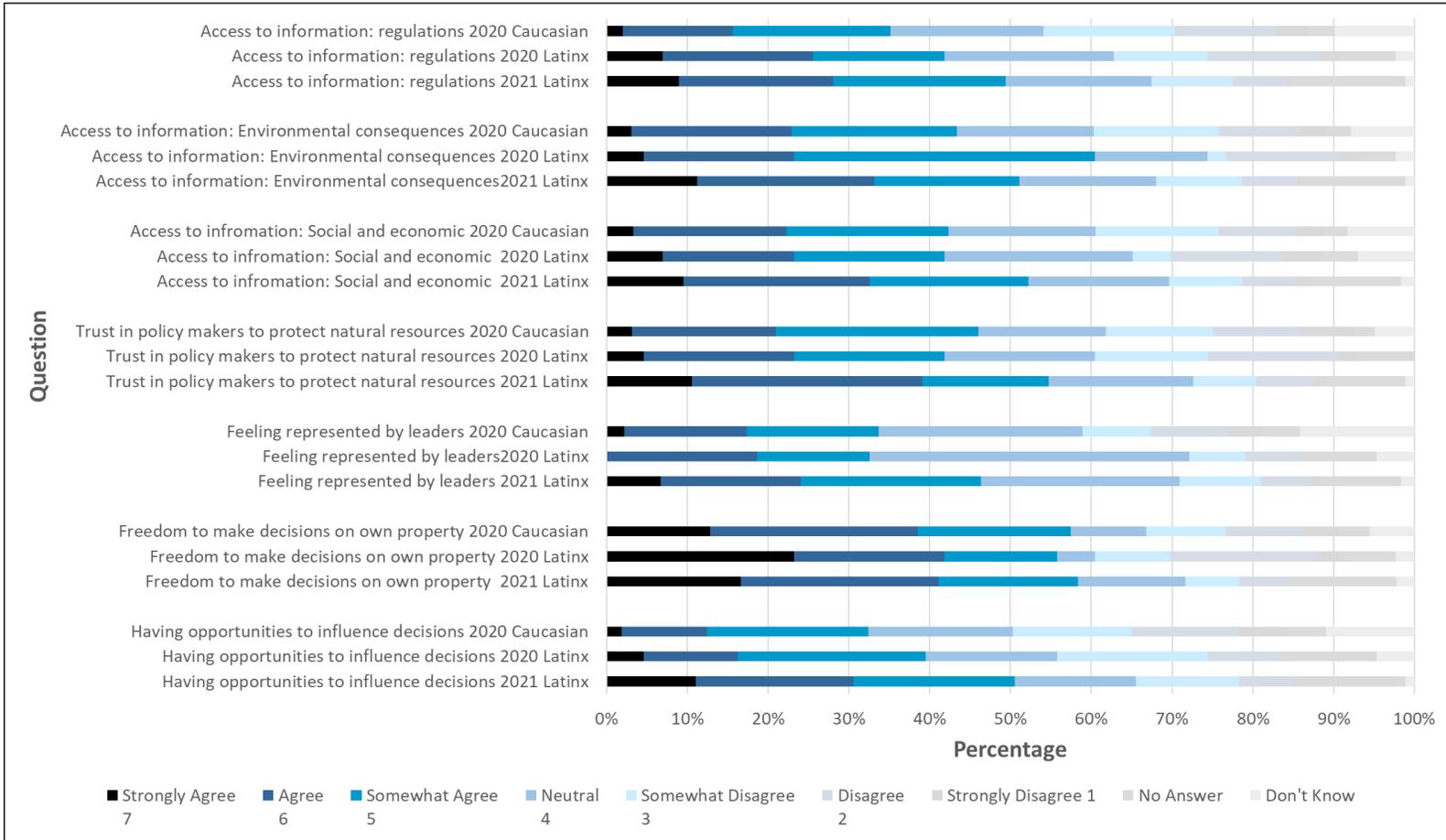
*Reference list found in Appendix F



Vital Signs

Good Governance

Respondents were asked to rate their agreement or disagreement with the following questions about governance of natural resources on a seven-point scale from 1 “Strongly Disagree” (1) to 7 “Strongly Agree” (7). An option for ‘Don’t Know’ was also included. A free response question was included within this section asking: “What agencies, policymakers, or institutions were you thinking of when answering the above questions?” These answers were collated and reported in Appendix E.



2021 respondents who scored environmental governance higher:



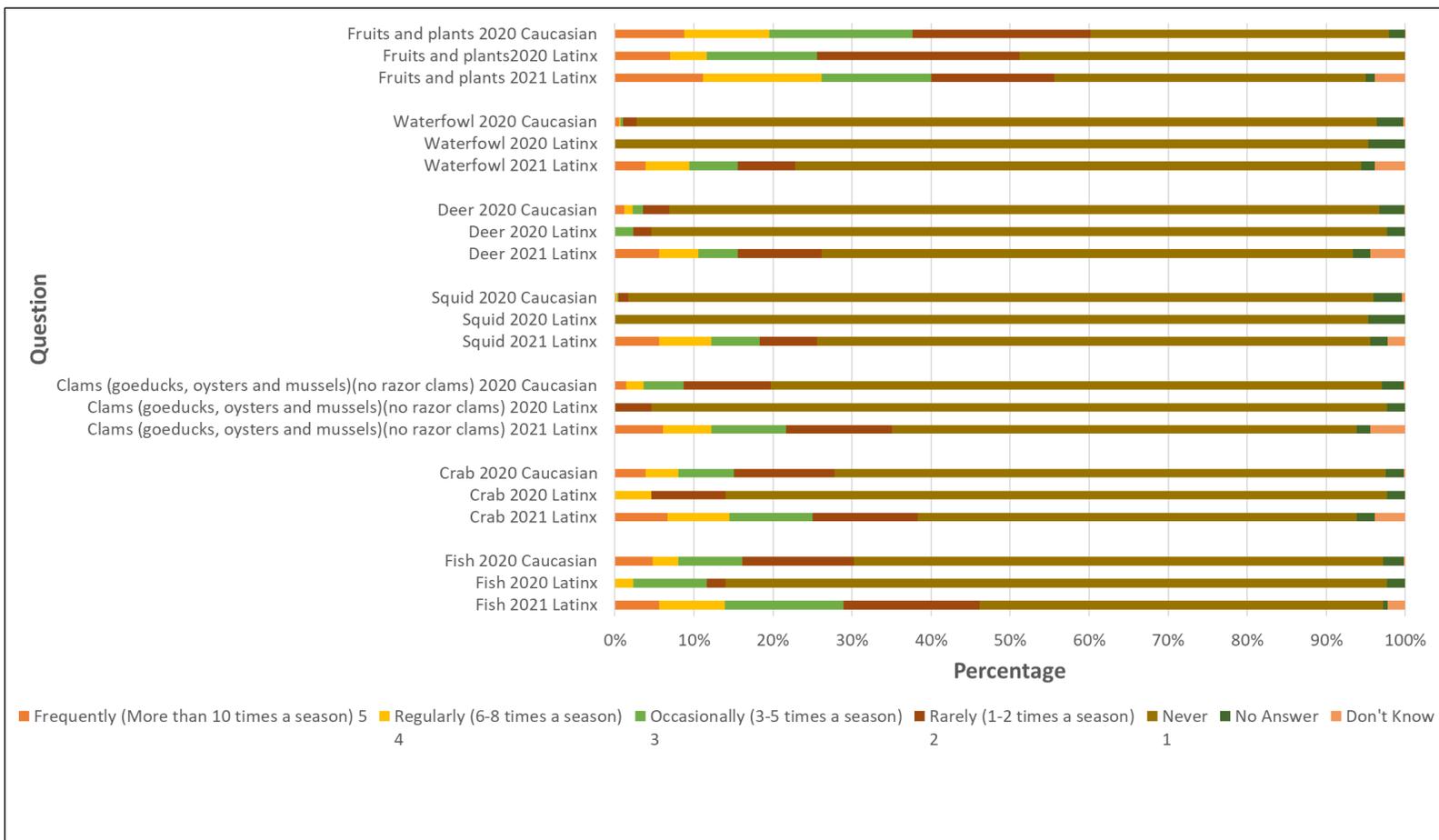
On average had a higher income (p = 0.0166)

In a linear regression model, income explained 2.2% of the variability of good governance responses by Latinx respondents.

Vital Signs

Local Foods

Respondents were asked to rate their engagement in hunting, fishing, or foraging on a five-point scale from 1 “Never” to 5 “Frequently – More than 10 times a season”. The local foods asked about in the 2021 survey included: Fish, Crab or Shrimp, Clams (geoducks, oysters, or mussels (not razor clams)), Squid, Deer or Elk, Waterfowl, and Plants, Berries, or Mushrooms in one category.



2021 respondents who responded more in hunting, harvesting or collecting local foods:



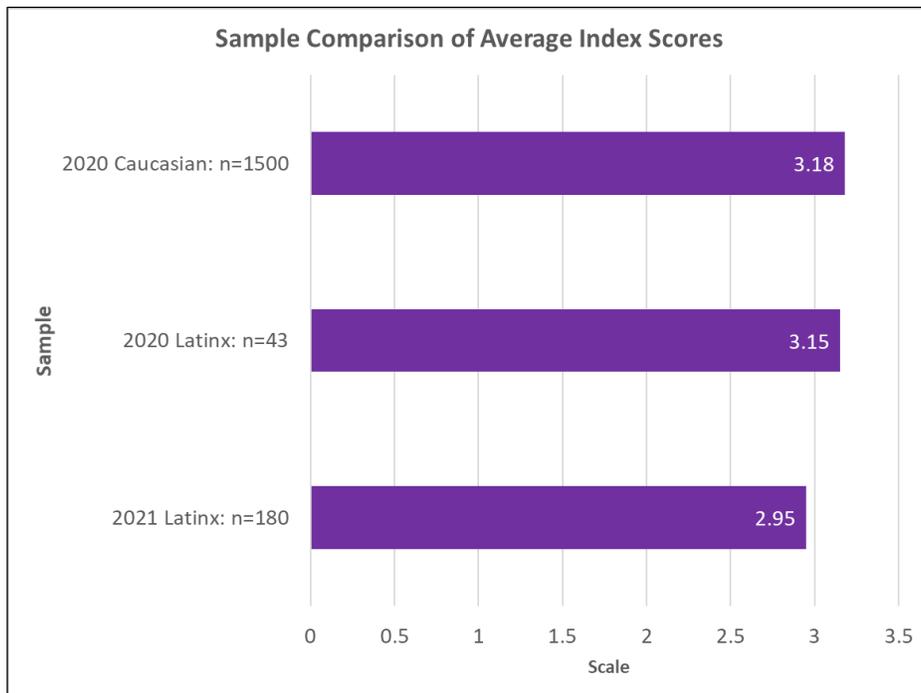
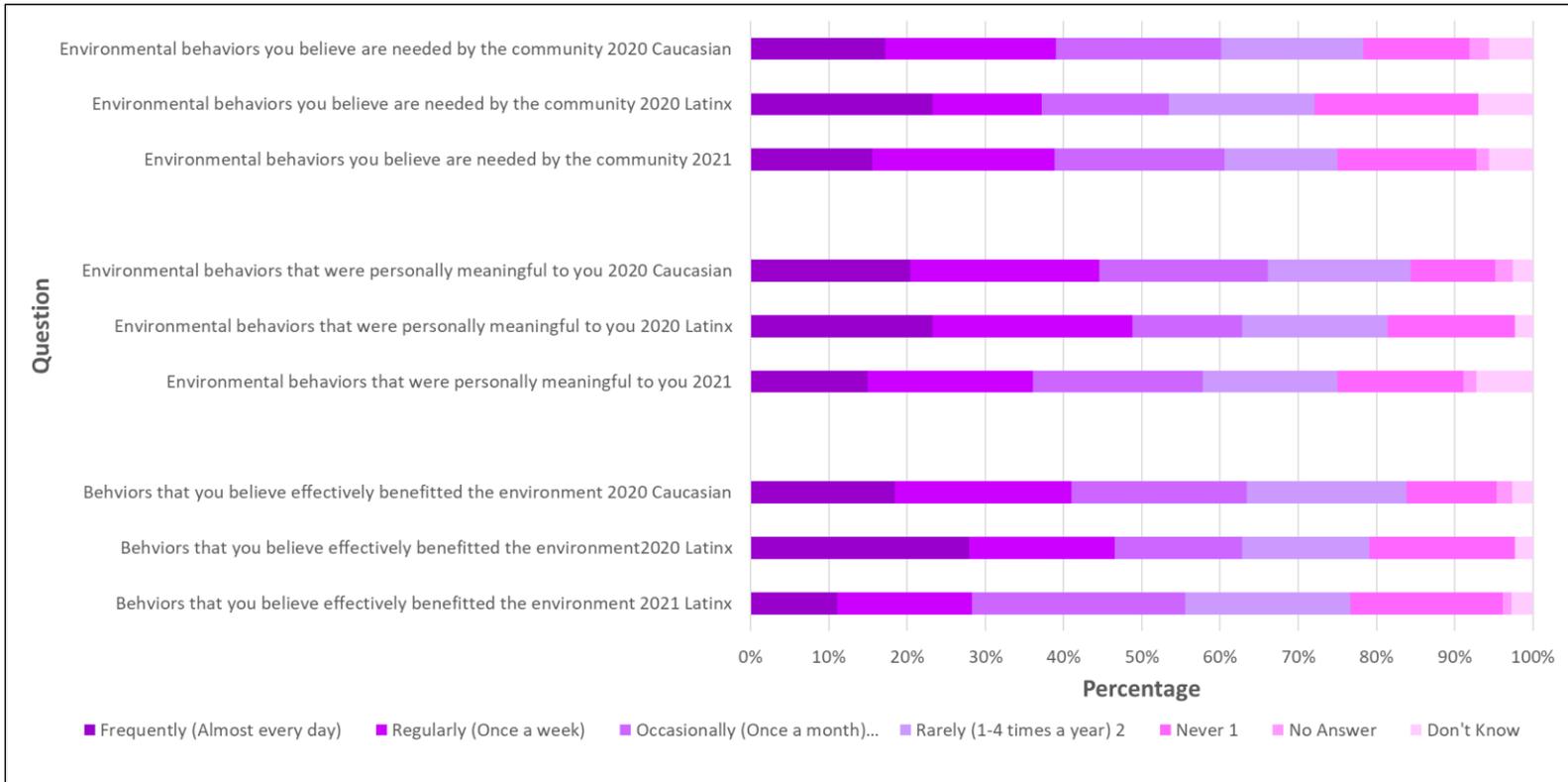
On average had more years of education (p = 0.000)

In a linear regression model, education explained 21% of the variance in the frequency of local foods collection for Latinx respondents.

Vital Signs

Sound Stewardship

Respondents were asked to answer: “In the past year, about how often did you engage in stewardship behaviors/activities that you believed benefitted the environment?” using a five-point scale ranging from 1 “Never” to 5 “Frequently” – Almost every day.

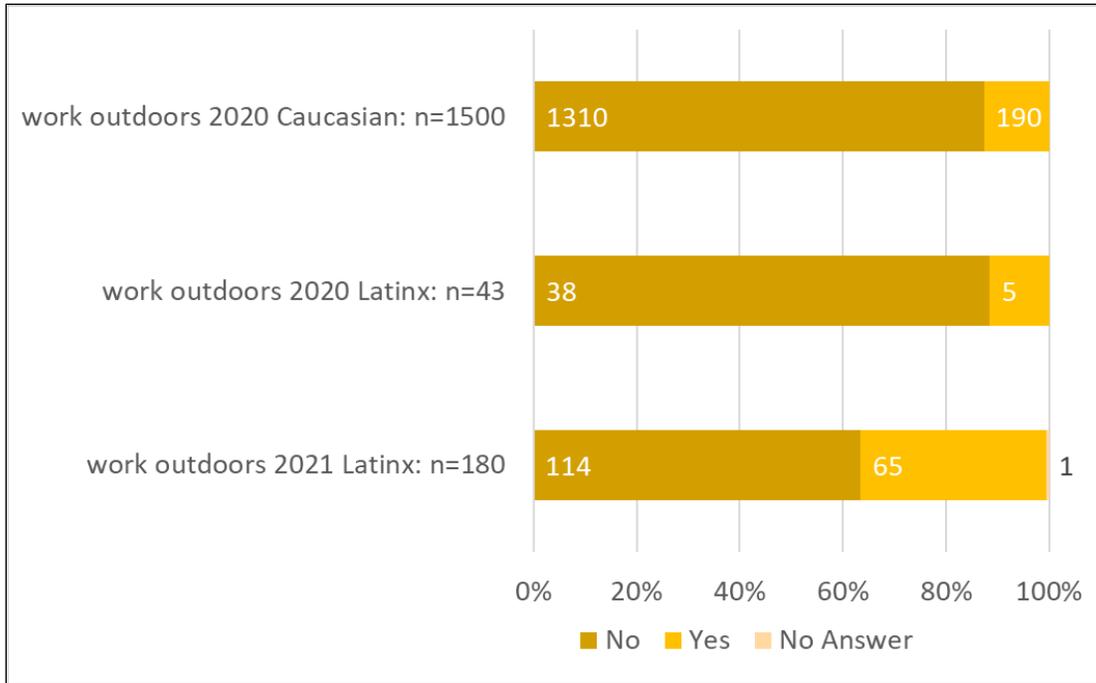


There were no demographic variables that were significantly related to frequency of a participant engaging in stewardship behaviors that benefitted the environment.

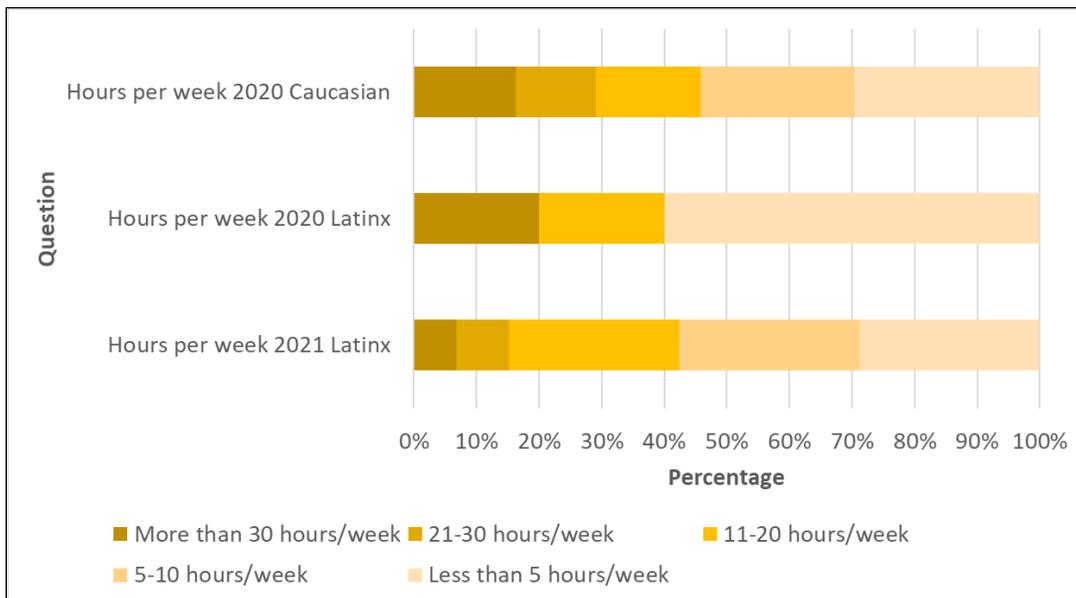
Vital Signs

Nature-based Work

Respondents were asked to respond either ‘yes’ or ‘no’ to the prompt: “Does your work involve spending time in natural environments (e.g. commercial or charter fishing, farming, forestry, habitat restoration, or outdoor-recreation jobs?)”



Respondents that answered ‘yes’ to the previous question were then asked how many hours a week their work requires them to spend time in natural environments, within a scale from “Less than 5 hours/week” to “More than 30 hours/week”



2021 respondents that were more likely to answer “yes” to working in outdoor environments:

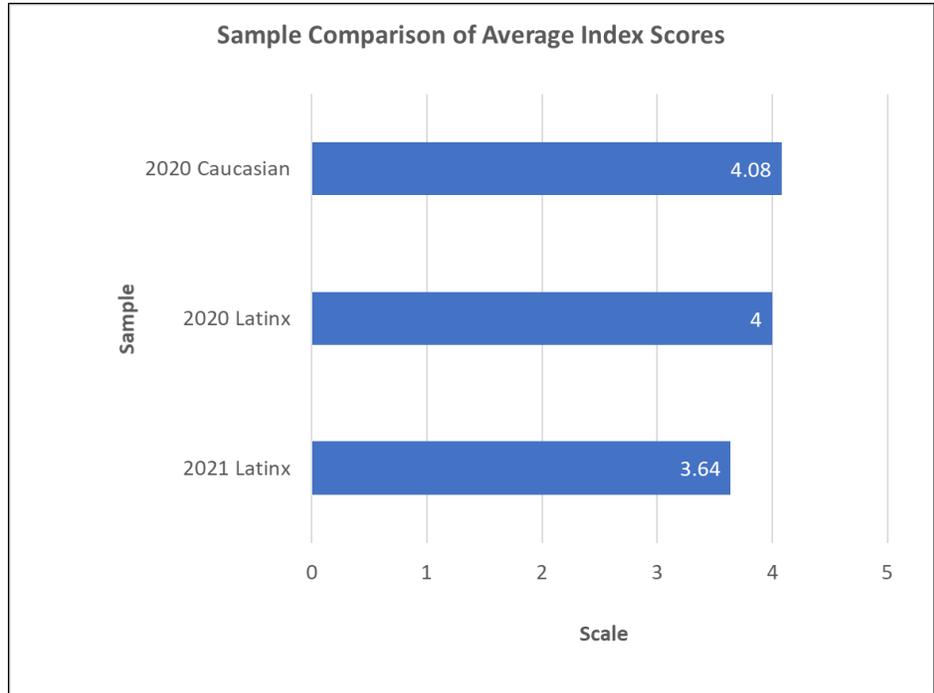
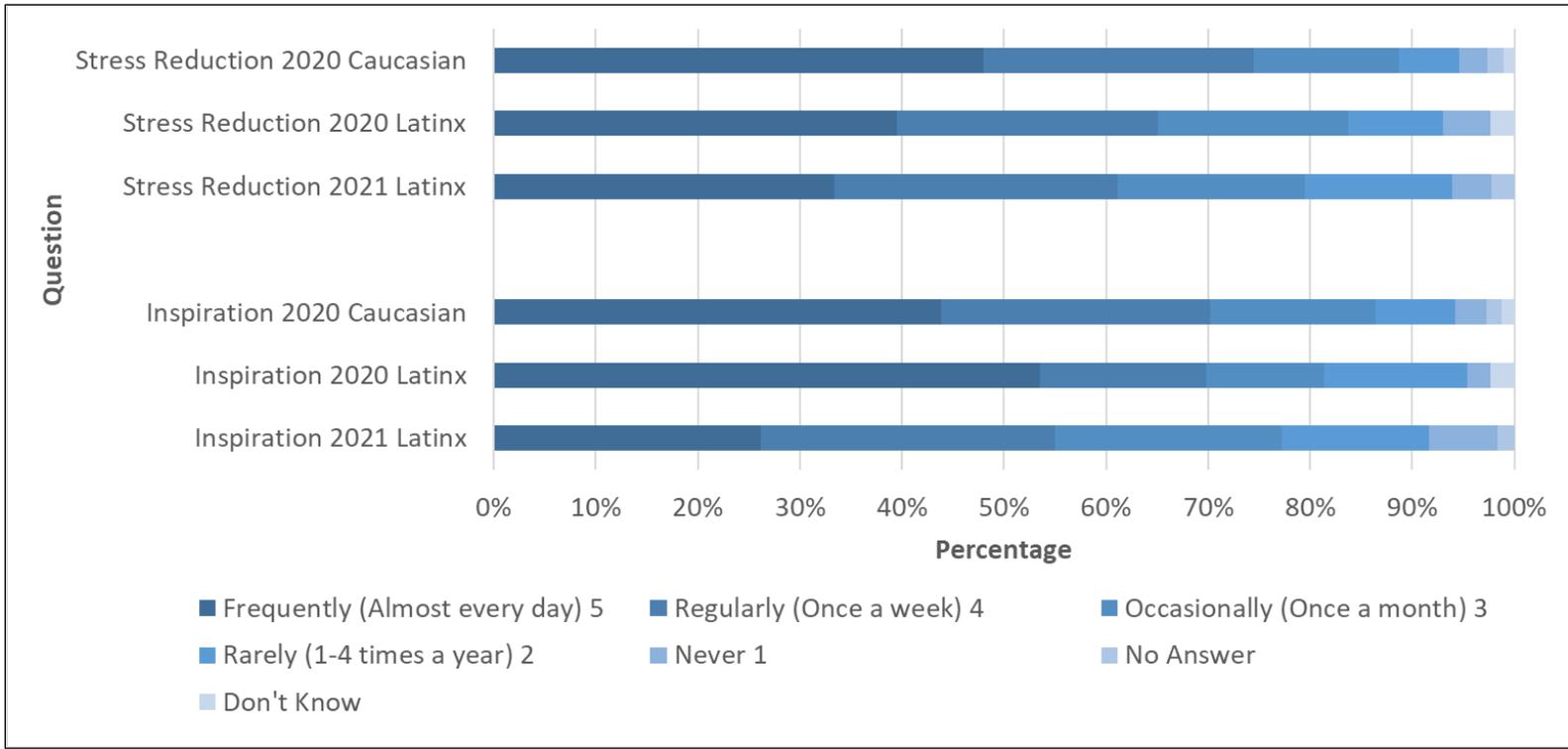
-  On average respondents were younger ($p = 0.04199$)
-  On average had more years of education ($p = 0.00484$)
-  On average were more conservative ($p = 0.02064$)

In a linear regression model, age, education and political ideology explained 15.2% of the variability in Latinx respondents who worked outdoors.

Vital Signs

Psychological Wellbeing

In this section respondents answered the questions related to feeling inspired as well as relieved of stress when spending time outside in the Puget Sound region using a five-point scale ranging from 1 “Never” to 5 “Frequently” - Almost every day. An option for ‘Don’t Know’ was also included.



2021 respondents who reported feeling psychological wellbeing more:

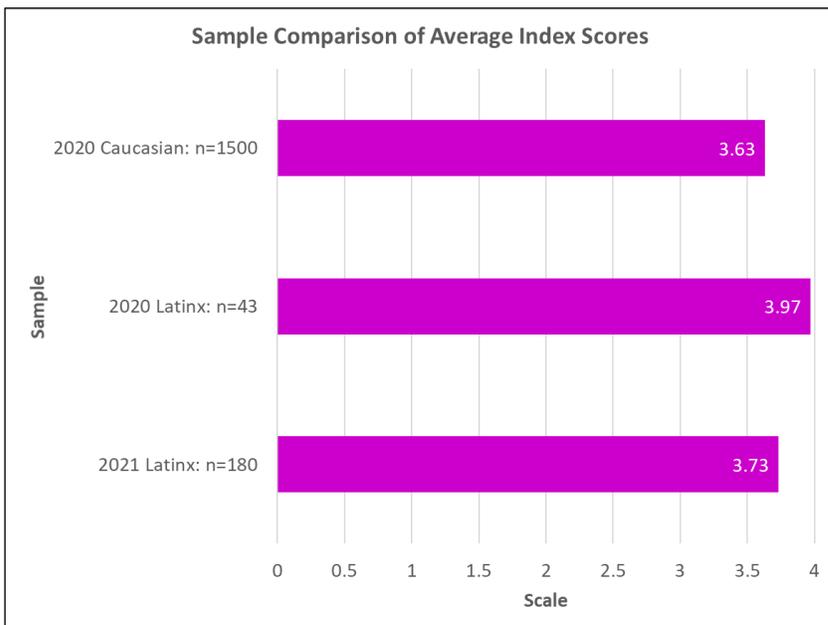
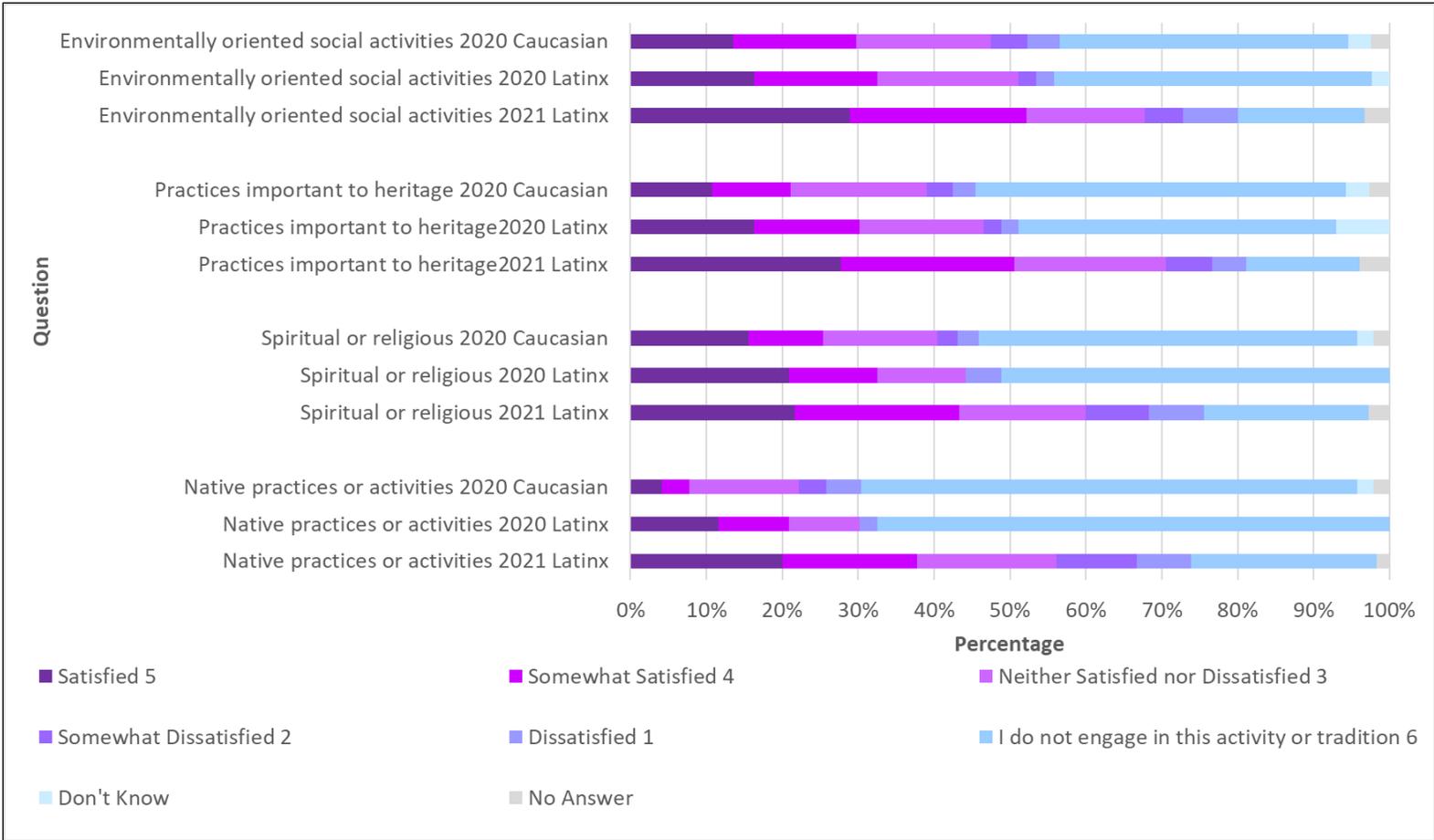
-  On average had a higher income (p = 0.019983)
-  On average were more liberal (p = 0.028528)

In a linear regression model, income and political leaning explained 8.2% of the variability of Latinx psychological wellbeing responses.

Vital Signs

Cultural Practices

Respondents were asked to rank their satisfaction levels in regard to their participation in four categories of cultural activities or traditions, on a five-point scale a scale of 1 “Dissatisfied” to 5 “Satisfied” and included a “Don’t Know” and “I do not engage in this activity or tradition” response as well.



2021 respondents who were more likely to engage in cultural activities or practices:

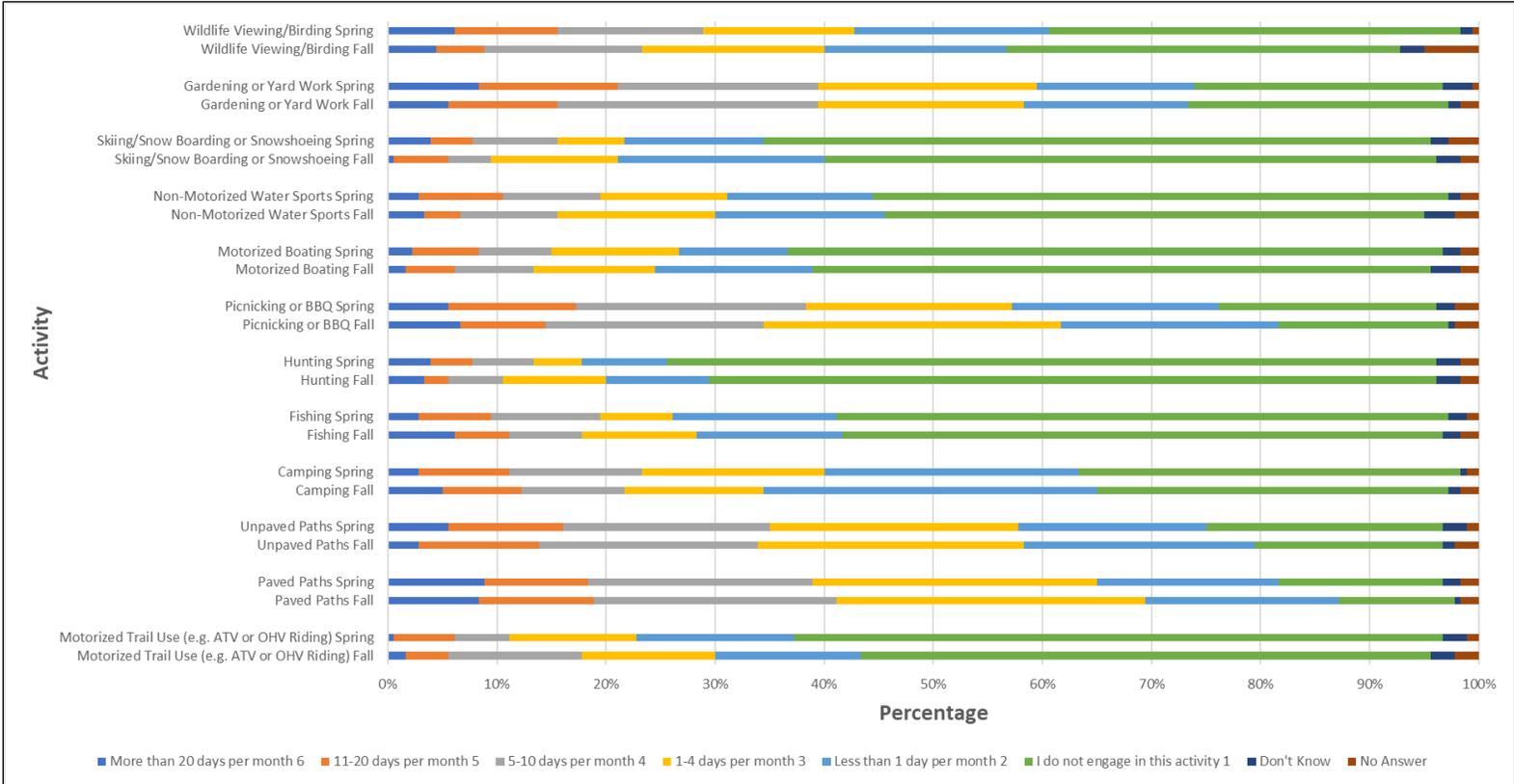
💰 On average had a higher income (p = 0.0433)

In a linear regression model, income explained 5.9% of the variability of Latinx responses for cultural practices.

Vital Signs

Outdoor Activities

Respondents were asked to report “About how many days per month on average did you participate in the following recreation activities in the Puget Sound this past Fall (September–November) or Spring (March–May). Respondents used a six-point scale, ranging from 1 “I do not engage in this activity” to 6 “More than 20 days per month”. A “Don’t Know” option was included.



Sample	1st	2nd	3rd
Latinx 2021 (n=180)			
Latinx 2020 (n=43)*			&
Caucasian 2020 (n=1500)			

Table 1. Top 3 popular activity per sample *Two activities tied for 3rd place

= Paved paths = Picnic or BBQ = Gardening or yardwork = Unpaved paths

Vital Signs

Spring:

- **Fishing** participants were more likely to live in an urban area ($p = 0.04220$), explaining 5.7% of the variance in responses.
- **Hunting** participants were more likely to be male ($p = 0.0326$), explaining 4% of the variance in responses.
- **Picnic or BBQ** participants were more likely to be younger ($p = 0.0156$), explaining 6.7 % variance in responses.
- **Motorized boat use** participants were more likely to be younger ($p = 0.04554$) and be more educated ($p = 0.01736$), explaining 5.2% variance in responses.
- **Non-motorized aquatic sports** participants were more likely to be younger ($p = 0.00325$) and more likely to be more conservative ($p = 0.01807$) explaining 9.1 % of the variance in responses.
- **Skiing, snowboarding and other snow sports** participants were more likely to be more educated ($p = 0.0142$) and more conservative ($p = 0.0462$), explaining 9.8% of the variance in responses.

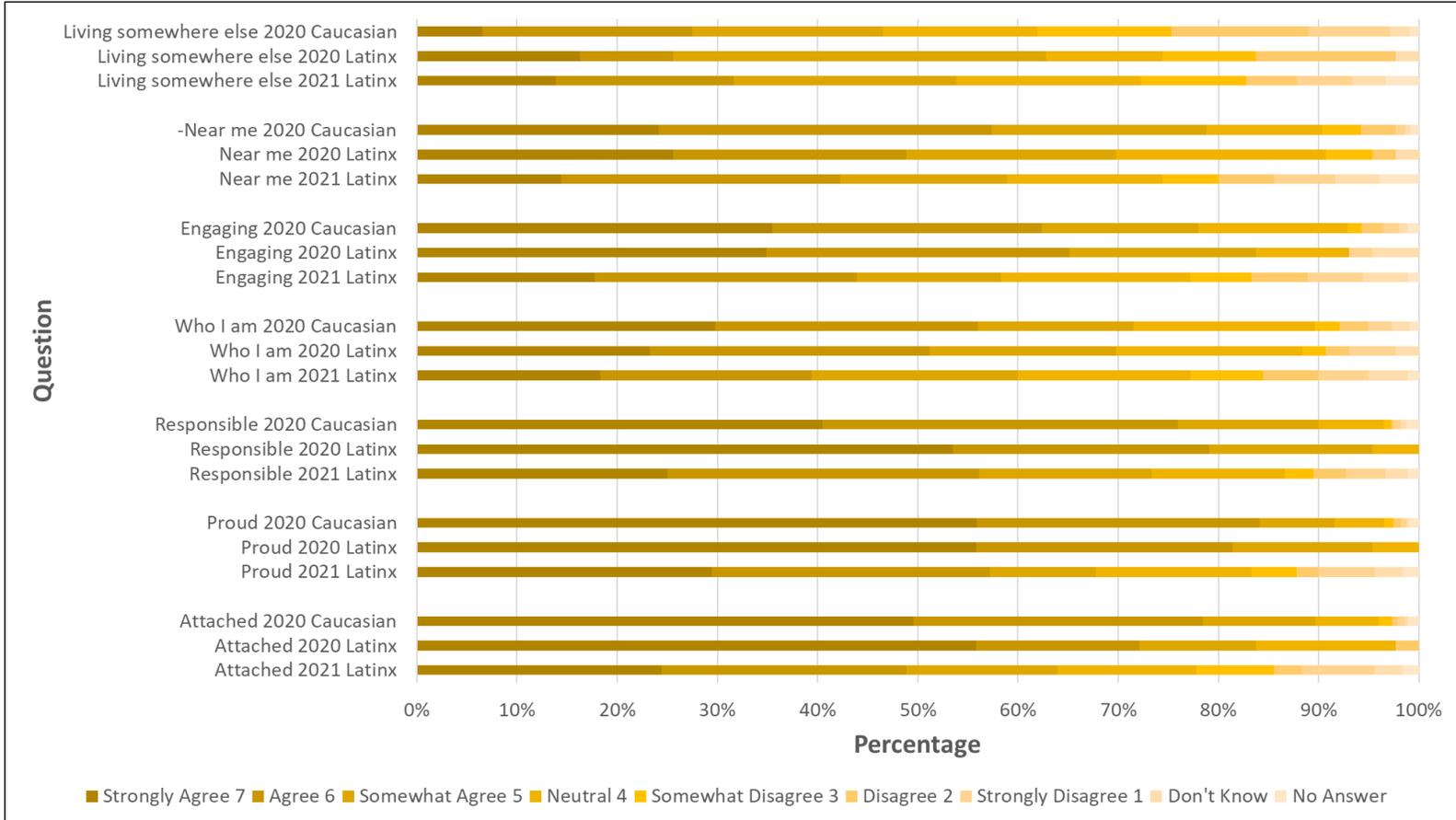
Fall:

- **Motorized trail use (ATV or OHV)** participants were more likely to be male ($p = 0.02288$), explaining 8.3% of variance in responses.
- **Unpaved paths or trails** participants were more likely to live longer in the U.S ($p = 0.046848$) and lived less years in the Puget Sound ($p = 0.010249$), explaining 6.7 % of variance in responses.
- **Hunting** participants were more likely to be male ($p = 0.00799$), explaining 11.4% of the variance in responses.
- **Motorized boat use** participants were more likely to be more educated ($p = 0.00186$), explaining 14.2% of the variance in responses.
- **Non-motorized aquatic sports** participants were more likely to live in an urban area ($p = 0.049456$) explaining 5.8% of the variance in responses.
- **Skiing, snowboarding and other snow sports** participants were more likely to be more educated ($p = 0.0420$), explaining 11.5% of the variance in responses.

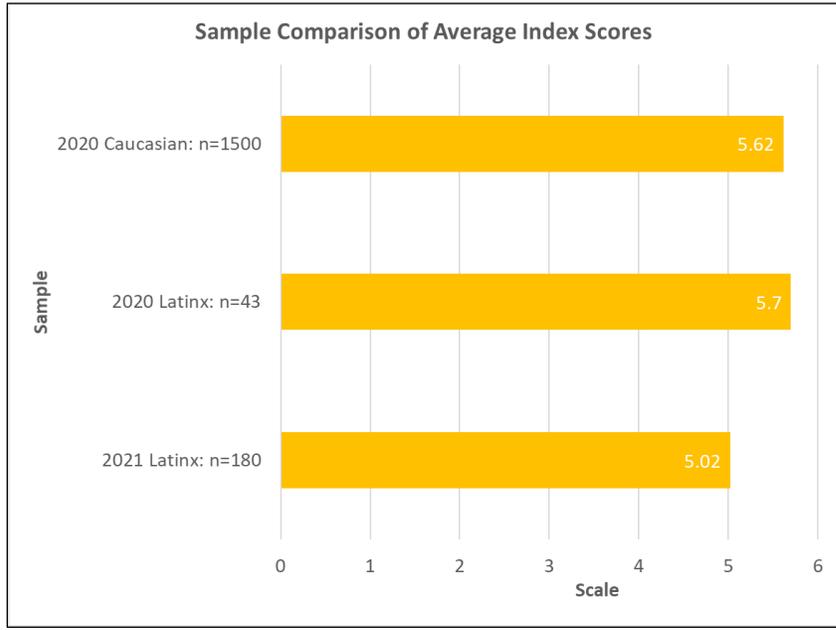
Vital Signs

Sense of Place

Respondents were asked to rate their agreement or disagreement with the following statements about sense of place on a seven-point scale from 1 “Strongly Disagree” to 7 “Strongly Agree”.



Sample Comparison of Average Index Scores



2021 respondents who scored sense of place higher:



On average were more likely to be older (p = 0.0485)



On average have lived in the U.S fewer years (p = 0.0198)



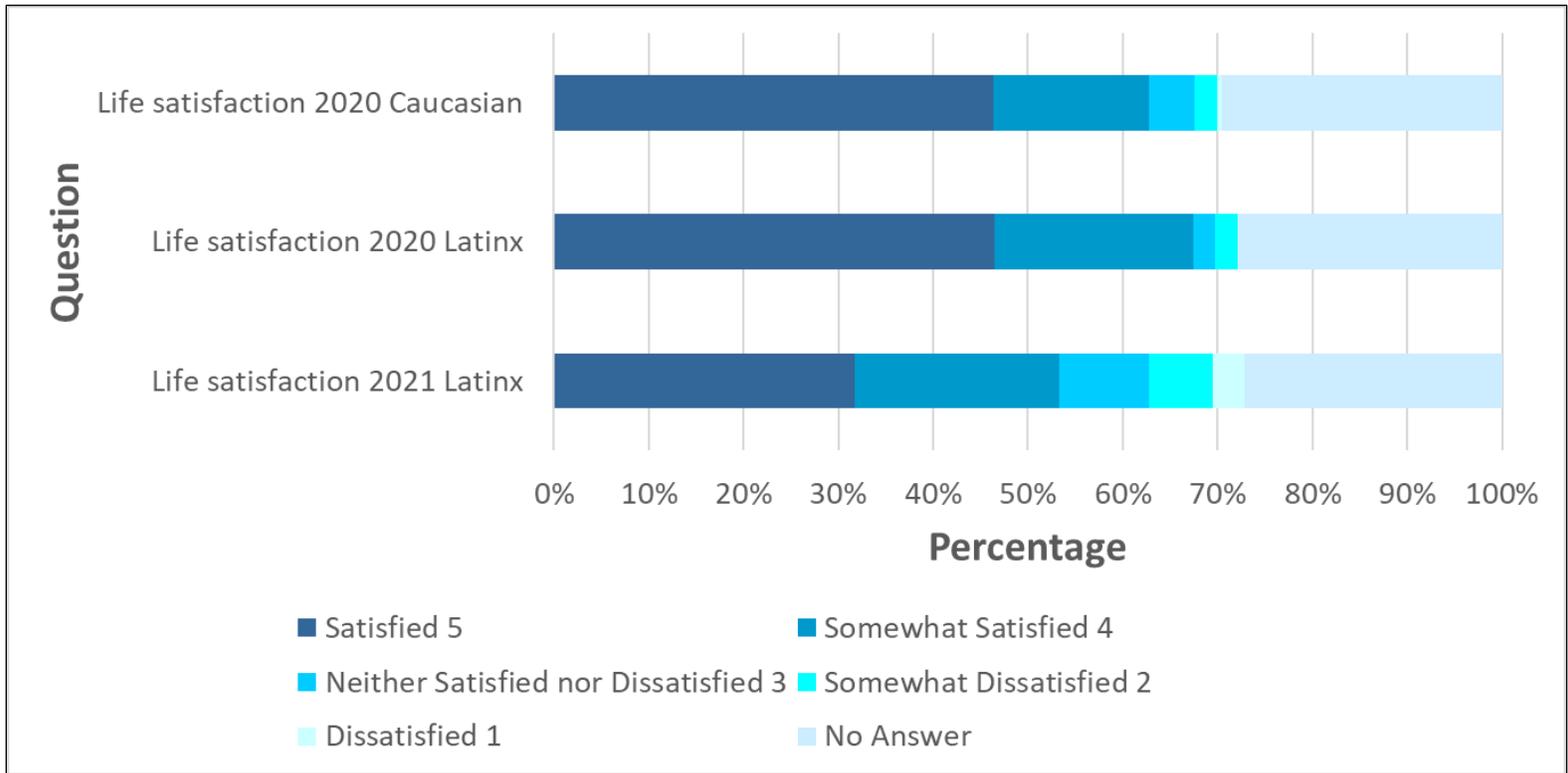
On average have a higher income (p = 0.0170)

In a linear regression model, age, years in the U.S and income explained 11.4% of the variability of Latinx responses for sense of place.

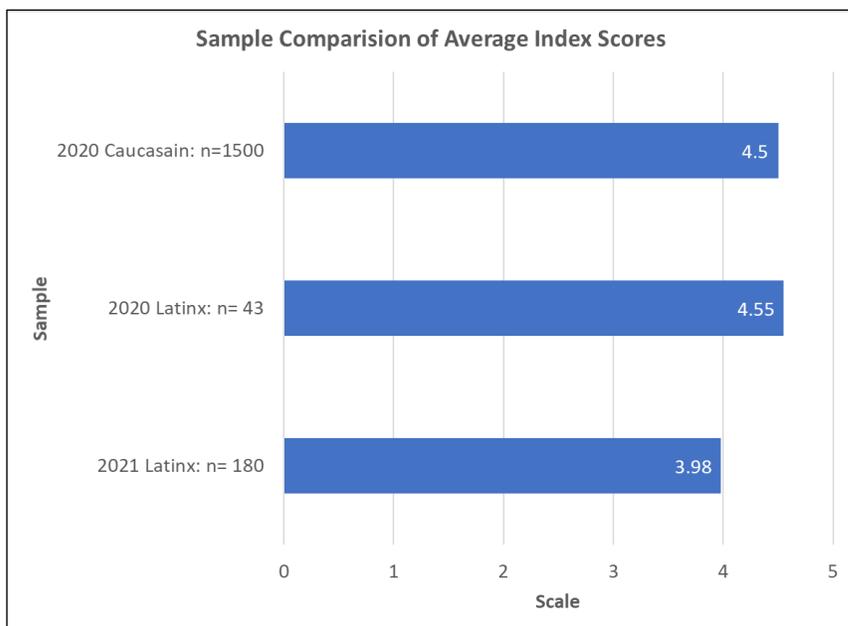
Life Satisfaction

Life Satisfaction

Respondents were asked to rate their satisfaction or dissatisfaction with life overall on a five-point scale from 1 “Dissatisfied” to 5 “Satisfied”*.



*An error in the online format of the question affected the count for “No Answer”



As respondents reported satisfaction with life higher:



On average were more likely to be older (p = 0.0295)



On average have a higher income (p = 0.0237)

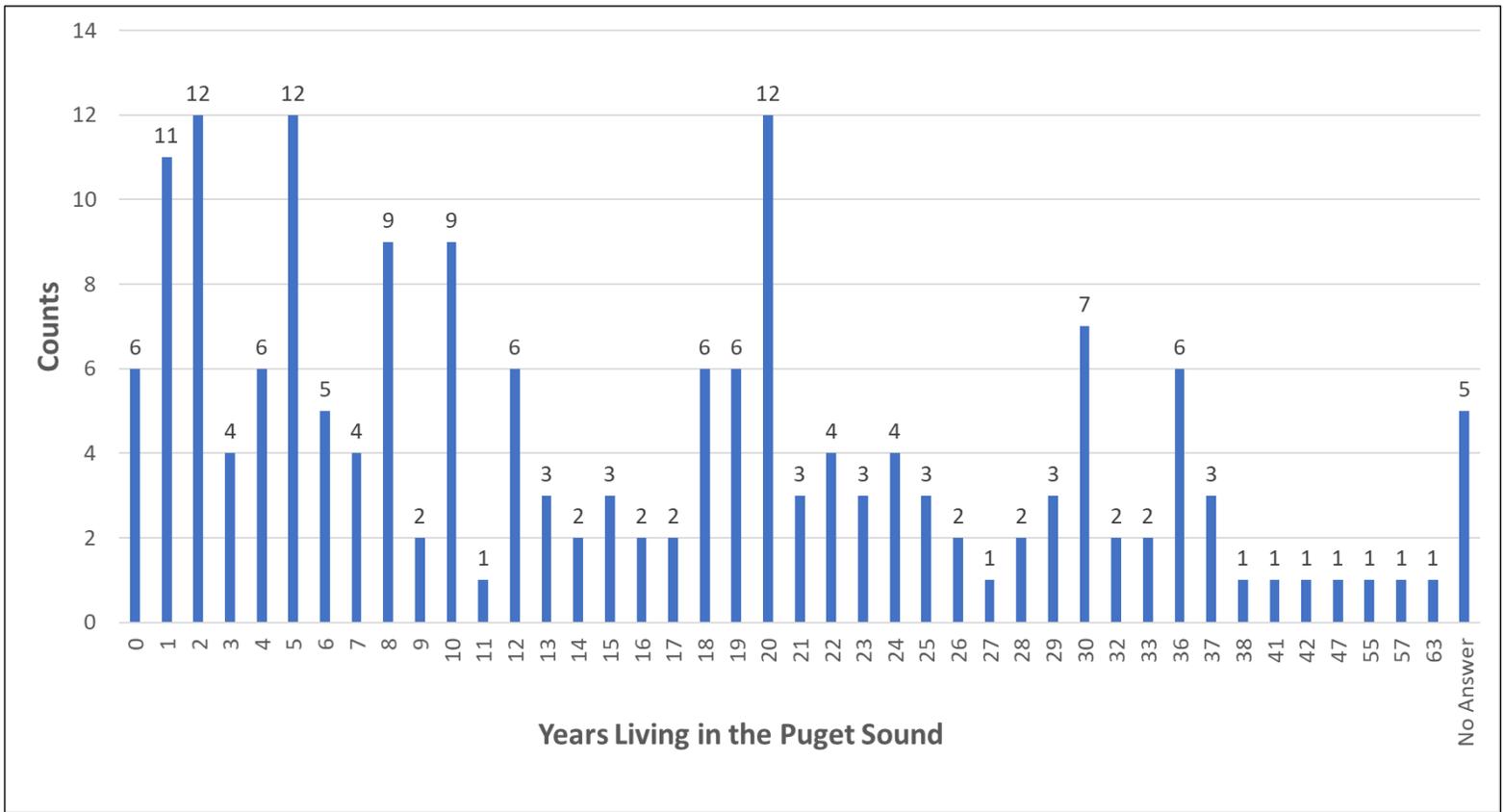


On average were more likely to be female (p = 0.0317)

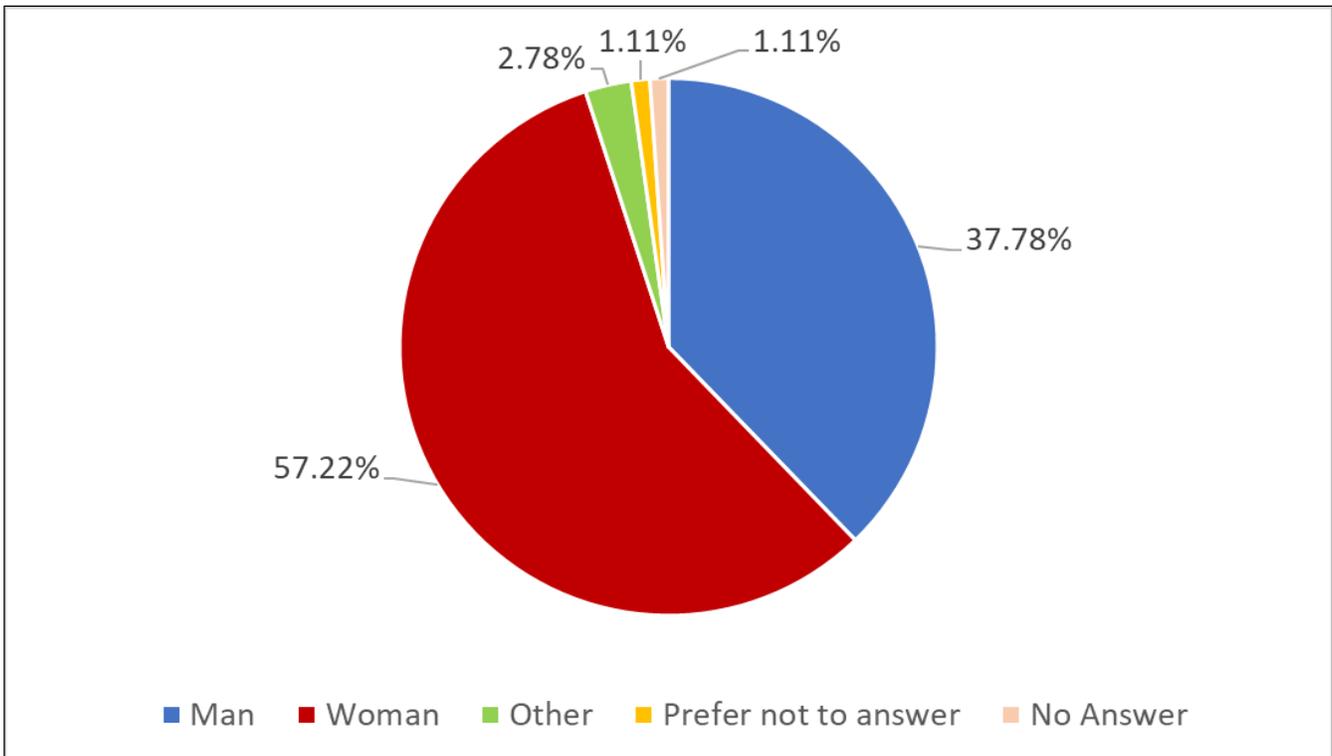
In a linear regression model, age, income and sex explained 11.4% of Latinx responses.

Demographics

Years In Puget Sound (Mean=15.51)

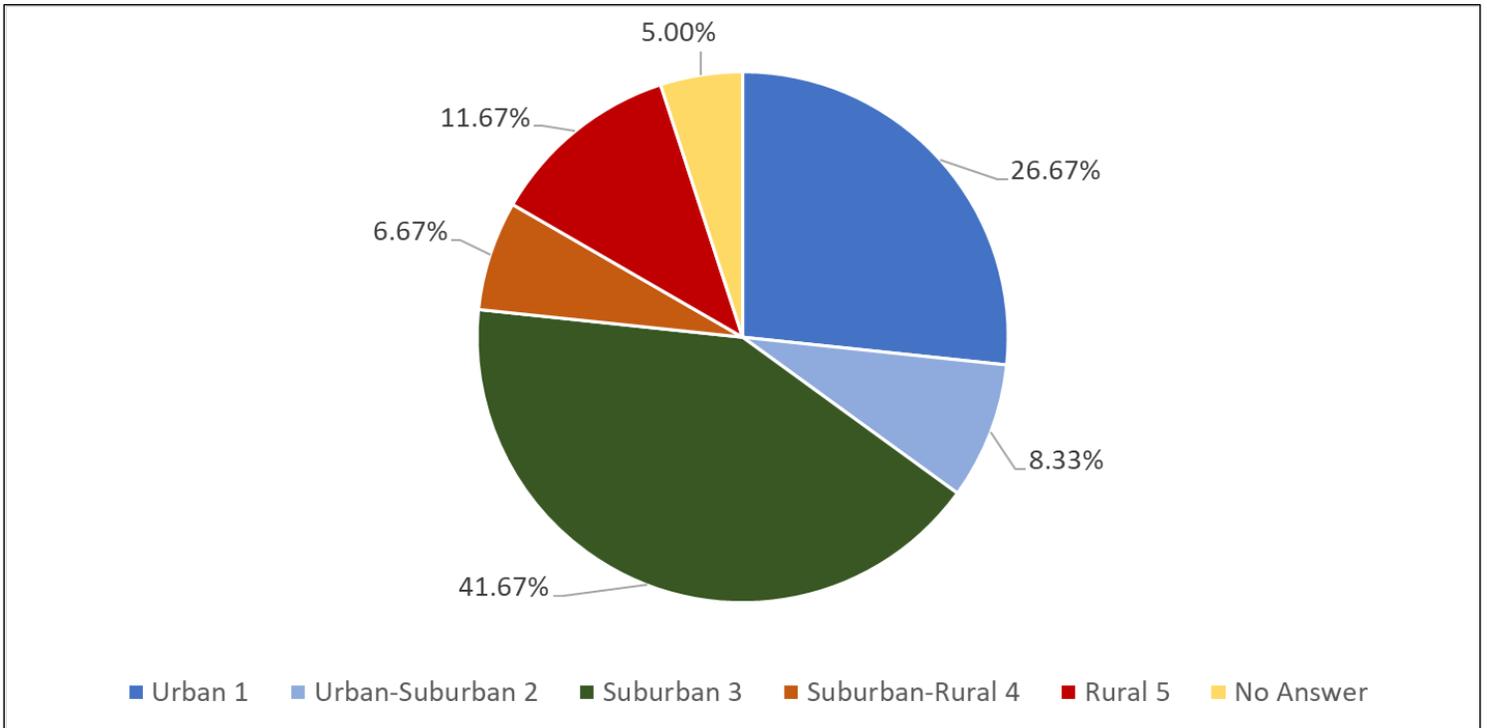


Sex

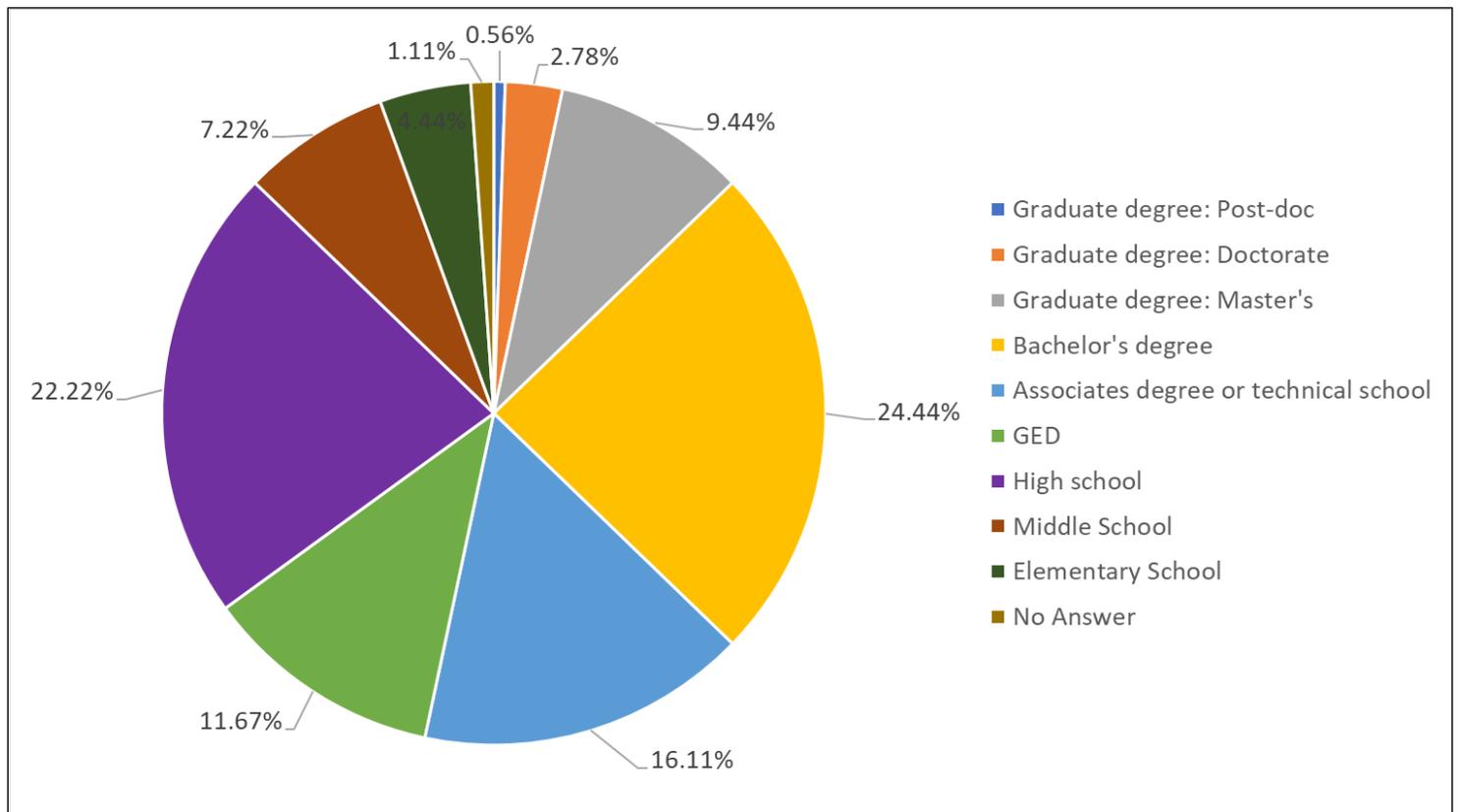


Demographics

Area

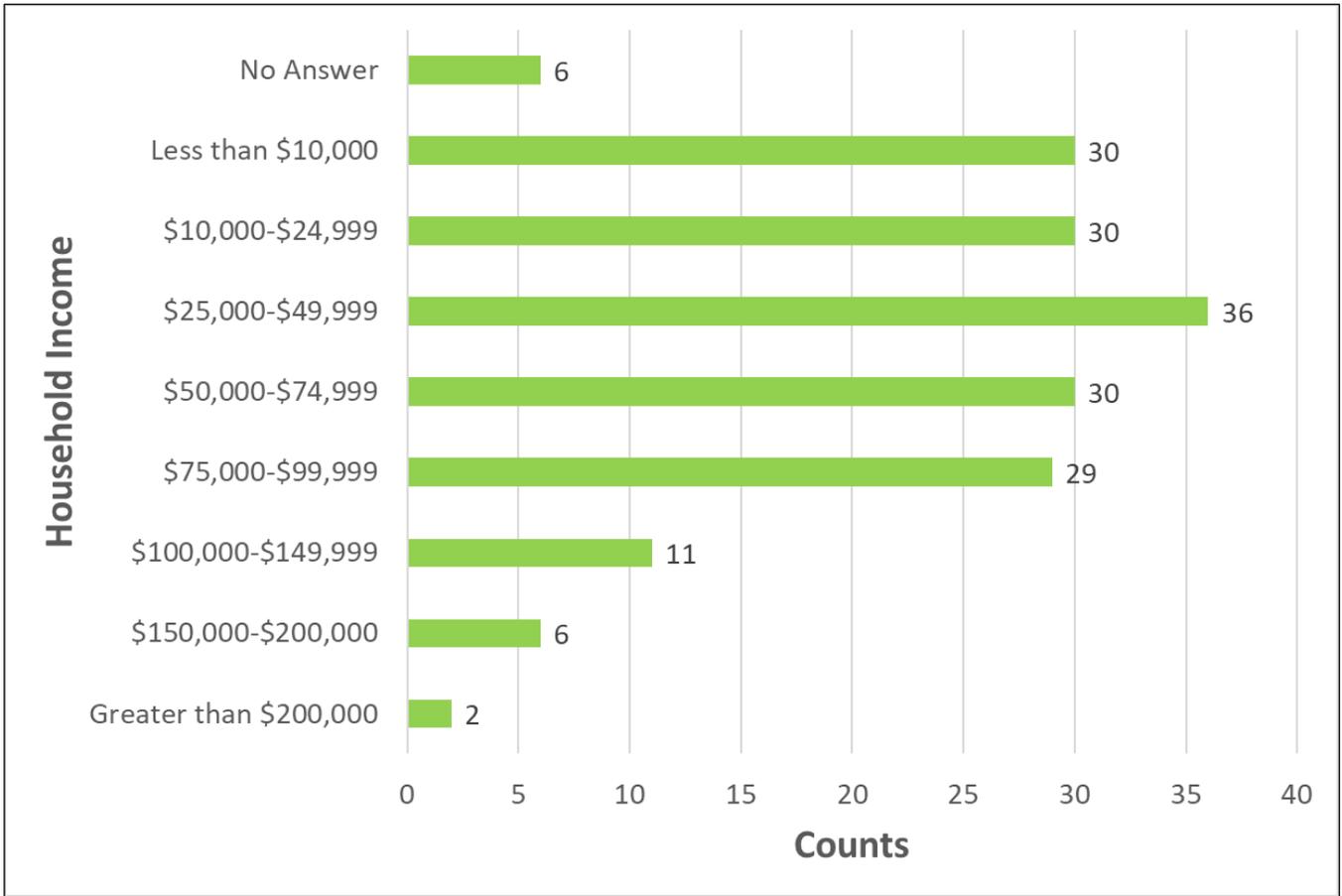


Education



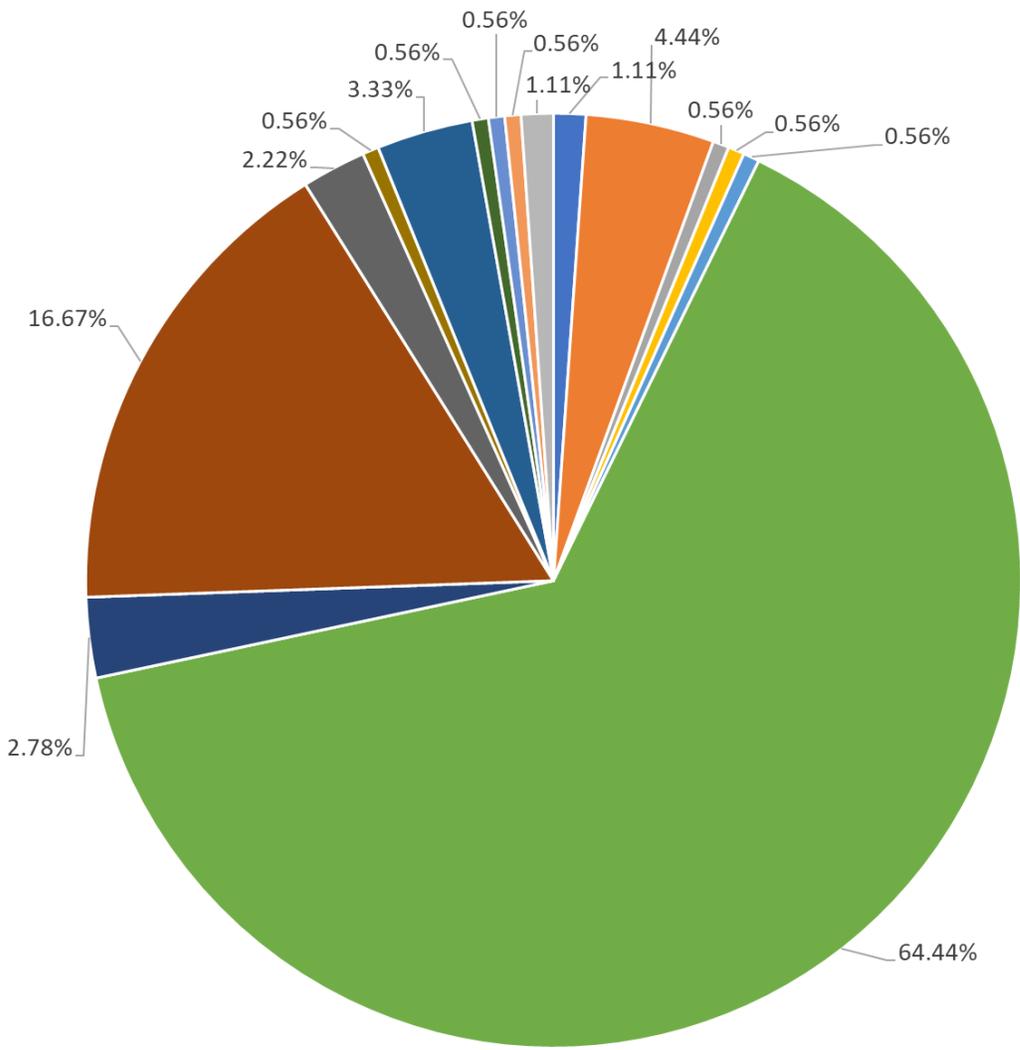
Demographics

Income



Demographics

Race: Latinx and Other Racial Groups*

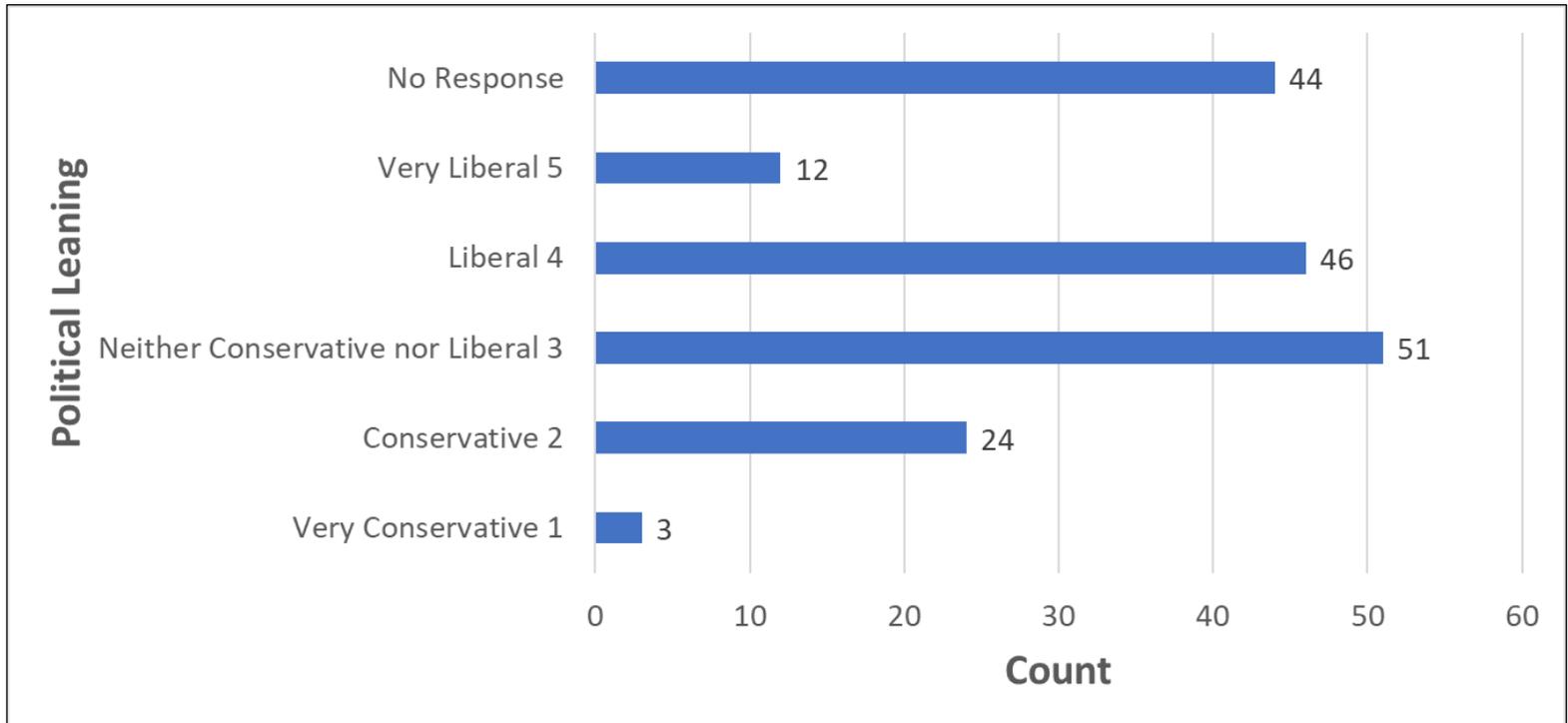


- Asian
- Black or African American
- Black or African America, Asian
- Black or African American, Asian, White
- Black of African American, Native American or Native Alaskan, Other
- Hispanic or Latino
- Other
- White
- Native American or Native Alaskan
- Native American or Native Alaskan, Other
- Native American or Native Alaskan, White
- Native American or Native Alaskan, Native Hawaiian or Other Pacific Islander
- Native Hawaiian or Other Pacific Islander
- White, Other
- No Answer

*All respondents identified as Hispanic or Latino in addition to other racial groups.

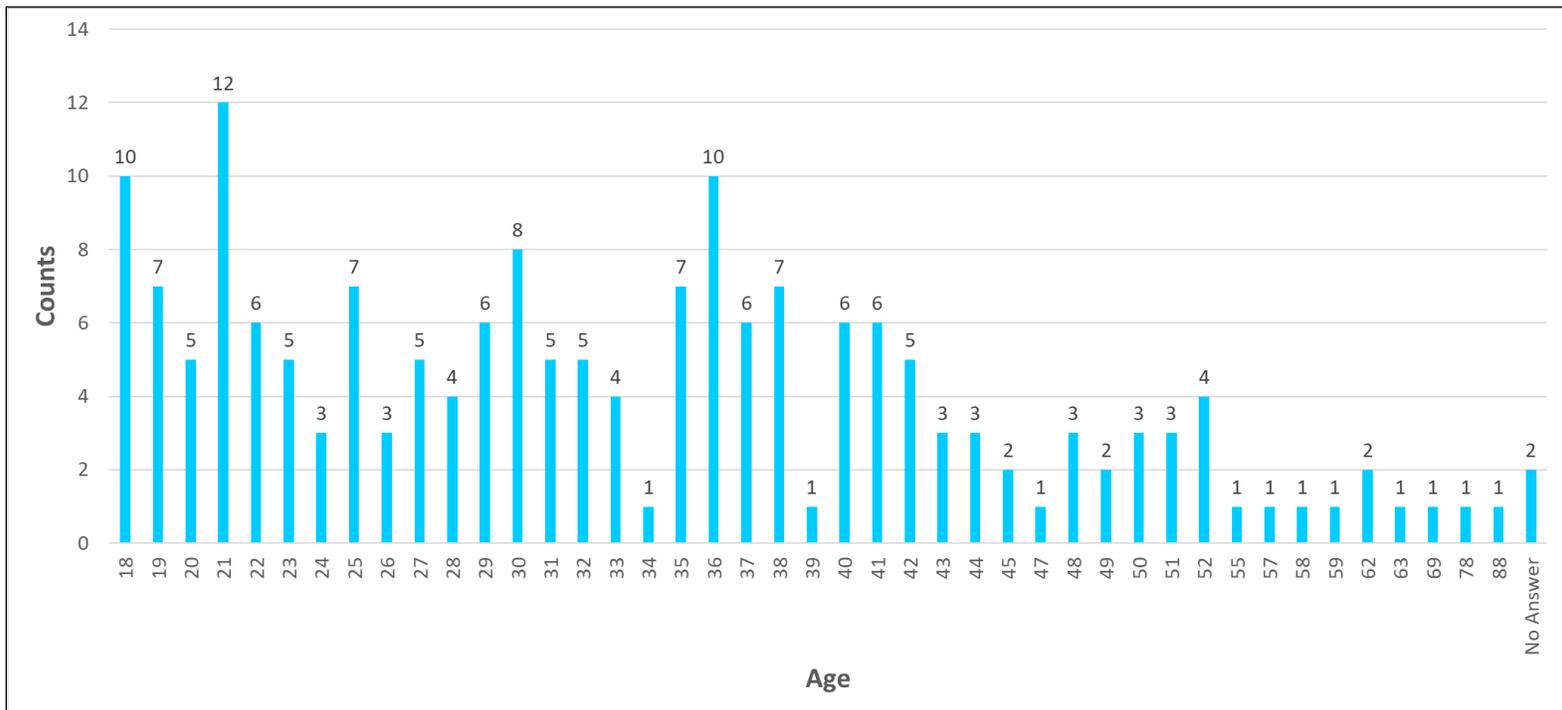
Demographics

Political Ideology*



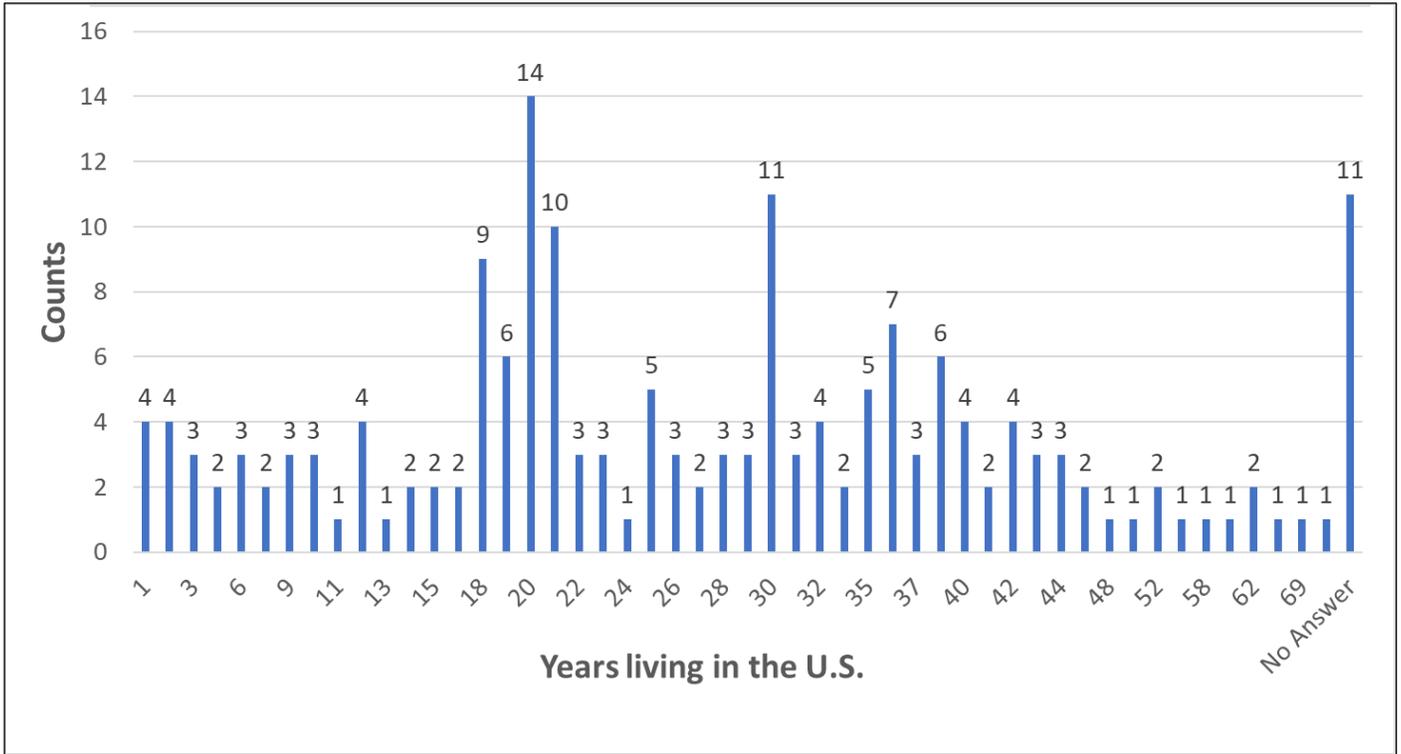
*An error in the online format of the question affected the count for "No Response"

Age (Mean=33.76)

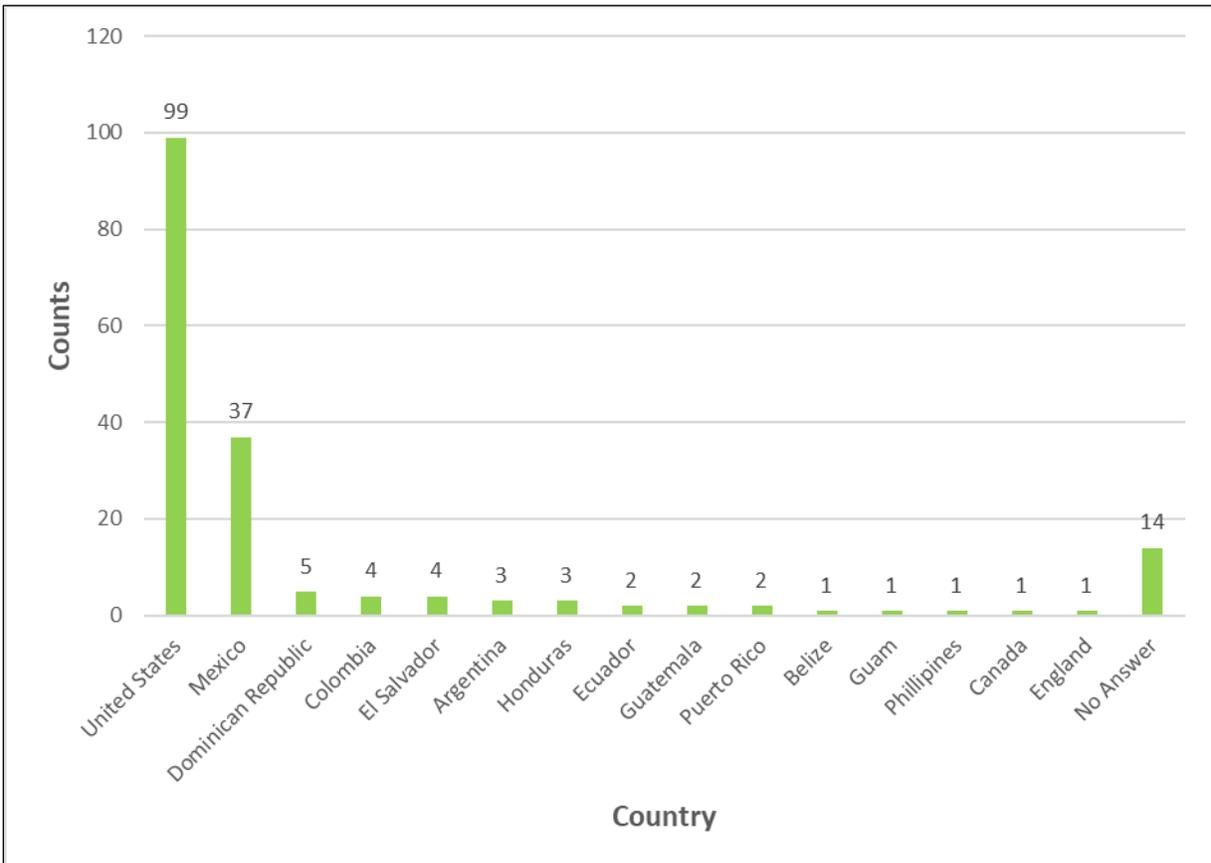


Demographics

Years In US (Mean=27.19)

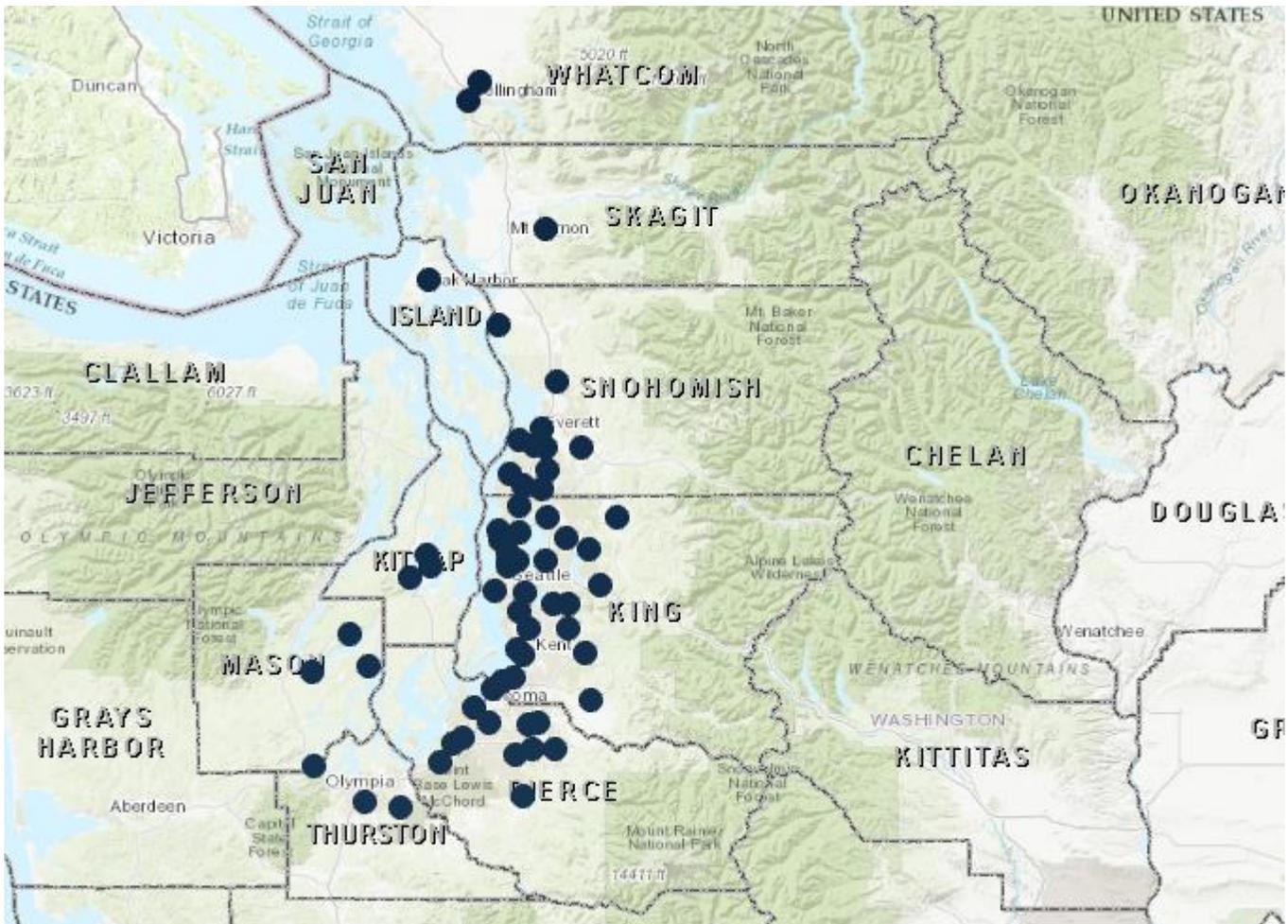


Country of Origin



Map

Survey Participation By County



Latitude and longitude coordinates were collected for 163 respondents. The remaining 17 took the survey in-person at a location in Tacoma. A handful of responses were collected outside of the Puget Sound area, although all participants indicated maintaining residence in one of the twelve designated Puget Sound counties. Highest concentrations of survey participants are found in Snohomish, King and Pierce county.



Appendix A. Methodology

SURVEY DESIGN

The survey used the same questions as the 2020 iteration. The main distinction was that this survey was available in English and Spanish (chart pg.27). The surveys in appendices B and C were slightly modified to fit the Qualtrics platform. Demographic questions about years lived in the U.S and country of origin were added to better capture the diversity of the Latinx respondents. The demographics question asking about highest level of education attained was modified to be categorical instead of continuous and to include GED as an option.

SURVEY DISTRIBUTION

The original plan for survey distribution involved purposive sampling with emphasis on face-to-face contact with Latinx communities in the Puget Sound. Due to restrictions related to travel and in-person meetings brought on by the COVID-19 pandemic, distribution methods were drastically modified to primarily utilize remote methods. The main method of distribution was a Qualtrics panel of Latinx residents living in the Puget Sound. Additional methods included radio and newspaper advertising and community outreach. Projections for each method were higher than final response counts. Responses from community outreach were minimal, so are included with radio and newspaper numbers. See limitations for more information. The survey was in field from May 3rd to June 9th.

Qualtrics Panel- The Qualtrics panel targeted the Latinx population in the Puget Sound using a defined set of quotas/criteria for sampling. Respondents needed to identify as Latino/a, Latinx, Hispanic or Spanish, the sample needed to be 50% 18-37 years of age and 50% 38+ as well as approximately 50% man and 50% woman. The zip code variable used in the 2018 survey was included to target Latinx living in the 12 counties that make up Puget Sound. Due to difficulties in obtaining complete responses, quotas for sex and age were modified partially through the collection process. Participants were incentivized based on the Qualtrics reward program they had joined prior to taking the survey.

Radio- The radio station “La Cadena Familia” was hired to distribute the survey, with particular interest in reaching Spanish-speaking Latinx individuals with faith backgrounds. The monitoring team lead did a brief interview with the station to provide background on the survey, talk about the purpose and applicability to Latinx communities and to share benefits related to participation. The survey was advertised via social media radio announcements and promos. All participants were entered into a drawing for a Galaxy phone, awarded directly by the radio station.

Newspaper- The newspaper “El Mundo” was hired to distribute the survey via advertisement on their website and the printed version of the paper. Digital ads were created to be included on the newspaper website and social media. The paper version of the ad was included on the May27th printing of the paper. Participants were given the option to provide an email to be entered into a drawing to win a \$50 gift card awarded by Oregon State University.

Seattle Latino Hiking- This group was identified through social media and contacted through Facebook to distribute the survey. The group leader invited the monitoring team to give a presentation about the survey at a celebration and hiking event held by the organization on May 23rd. The presentation was given in-person and in Spanish to provide background on the survey, talk about the purpose and applicability to Latinx communities, share benefits related to participation and answer any questions related to the project. Surveys were filled out in person and flyers to take the survey online were also shared. The paper survey included an option to provide an email to be entered into a drawing to win a \$50 gift card awarded by Oregon State University.

Appendices

RESPONSE COUNTS

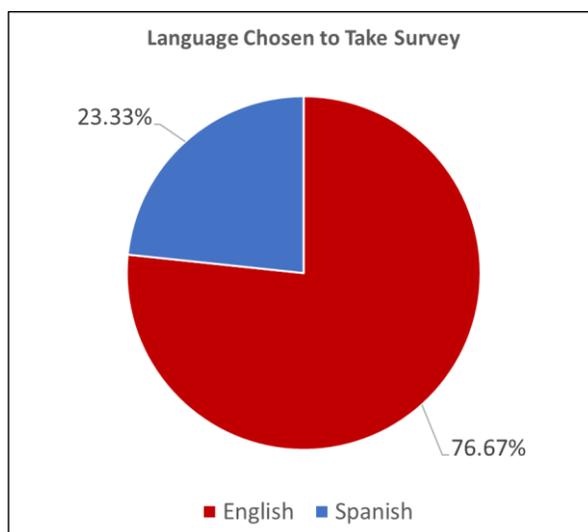
The final sample received through online and in-person methods was 180. About 77% of respondents chose to take the survey in English. Below are results of complete responses included in this project:

Distribution Method	Projected Response Count	Final Response Count
Qualtrics Panel	163	137
Radio and Newspaper	100-200	25
Seattle Latino Hiking	80	18
Total:	343-443	180

Table 2. Survey response rates by distribution method

County	Latinx Population	% Participants	Final Response Count
King	223,025.42	47.2	85
Pierce	103,167.72	17.7	32
Snohomish	87,140.80	11.1	20
Skagit	24,032.13	6	11
Thurston	27,310.38	4.4	8
San Juan	1,195.56	3.8	7
Whatcom	22,466.21	3.3	6
Kitsap	22,261	2.2	4
Mason	7,077.41	2.2	4
Island	6,981.56	1.1	2
Jefferson	1,224.40	.5	1
Clallam	5,103.85	0	0
Total:	530,986.22	100	180

Table 3. Survey response counts by county compared to actual Latinx population



Appendices

LIMITATIONS

As mentioned previously, this project was originally going to follow a convenient sampling strategy by visiting Latinx individuals who'd meet the required criteria living in the Puget Sound and entreating their participation in the survey through face-to face interactions. This personable and one-on-one aspect of this project was completely altered by restriction related to the COVID-19 pandemic. Although remote methods were successful in acquiring survey participants, limitations determined by communication setbacks, time constraints and differing Latinx organization priorities affected final response counts and expectations for counts.



PUGET SOUND HUMAN WELLBEING SURVEY

IMPORTANT QUESTIONS TO UNDERSTAND YOUR EXPERIENCES

A STUDY COMPLETED COOPERATIVELY BY:



326 East D Street
Tacoma, WA 98421



Oregon State
University

204 Hoveland Hall
2700 SW Campus Way
Corvallis, OR 97331



Thank you for participating in this survey of human wellbeing in the Puget Sound, funded by the Puget Sound Partnership. It should take 10-15 minutes of your time. Please complete the brief survey and submit your answers at the end. Participation is voluntary, and your responses are completely confidential.

If you have any questions about the survey, please contact Principal Investigator Kelly Biedenweg by e-mail at Kelly.biedenweg@oregonstate.edu.

The results of this survey will be reported in the Puget Sound Partnership's *State of the Sound Report* in 2021. Please visit the following website for more details: <http://www.psp.wa.gov/vitalsigns/>

1. How much do you agree or disagree with the following statements related to the Puget Sound Region?

Please circle one number for each question:

Statement	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree	Don't Know
I have plenty of opportunities to influence natural resource decisions in the Puget Sound region if I want to	1	2	3	4	5	6	7	<input type="checkbox"/>
I have the freedom to make personal decisions about how natural resources are managed on my property	1	2	3	4	5	6	7	<input type="checkbox"/>
I feel well represented by the leaders of Puget Sound natural resource management processes	1	2	3	4	5	6	7	<input type="checkbox"/>
I trust regional policymakers to protect Puget Sound's natural resources	1	2	3	4	5	6	7	<input type="checkbox"/>
I have access to enough information regarding the social and economic consequences of how natural resources are managed in the Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>
I have access to enough information regarding the environmental consequences of how natural resources are managed in the Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>
I have access to enough information regarding the regulatory aspects of how natural resources are managed in the Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>

What agencies, policymakers, or institutions were you thinking of when answering the above questions?:

2. In the past year, about how often did you hunt, harvest, gather, or forage for the following food in the Puget Sound Region? Please circle one number for each item:

Local Food	Never	Rarely (1-2 times a season)	Occasionally (3-5 times a season)	Regularly (6-8 times a season)	Frequently (More than 10 times a season)	Don't Know
Fish	1	2	3	4	5	<input type="checkbox"/>
Crab or Shrimp	1	2	3	4	5	<input type="checkbox"/>
Oysters, mussels, clams, etc. (<u>not</u> razor clams)	1	2	3	4	5	<input type="checkbox"/>
Squid	1	2	3	4	5	<input type="checkbox"/>
Deer or Elk	1	2	3	4	5	<input type="checkbox"/>
Waterfowl	1	2	3	4	5	<input type="checkbox"/>

Plants, Berries, or Mushrooms	1	2	3	4	5	<input type="checkbox"/>
-------------------------------	---	---	---	---	---	--------------------------

3. In the past year, about how often did you engage in stewardship behaviors/activities that you believed benefitted the environment? Please circle one number for each question:

Behavior/ Activity	Never	Rarely (1-4 times a year)	Occasionally (Once a month)	Regularly (Once a week)	Frequently (Almost every day)	Don't Know
Behaviors that you believe effectively benefitted the environment	1	2	3	4	5	<input type="checkbox"/>
Environmental behaviors that were personally meaningful to you	1	2	3	4	5	<input type="checkbox"/>
Environmental behaviors that you believe are needed by the community	1	2	3	4	5	<input type="checkbox"/>

4. Does your work involve spending time in natural environments (e.g. commercial or charter fishing, farming, forestry, habitat restoration, or outdoor-recreation jobs)?

No Yes



If Yes: About how many hours a week do you perform work that involves spending time in natural environments?

Less than 5 hours/week 5-10 hours/week 11-20 hours/week
 21-30 hours/week More than 30 hours/week

5. In the past year, about how often have you felt *inspiration* when spending time in the outdoors of the Puget Sound region? Please circle one number:

Never	Rarely (1-4 times a year)	Occasionally (Once a month)	Regularly (Once a week)	Frequently (Almost every day)	Don't Know
1	2	3	4	5	<input type="checkbox"/>

6. In the past year, about how often has spending time in the outdoors of the Puget Sound region helped you reduce *stress*? Please circle one number:

Never	Rarely (1-4 times a year)	Occasionally (Once a month)	Regularly (Once a week)	Frequently (Almost every day)	Don't Know
1	2	3	4	5	<input type="checkbox"/>

7. In the past year, how satisfied were you with your level of participation in any of the following cultural activities or traditions *related to the environment*? Please circle one number for each question:

Environmental Cultural Activity or Tradition	Dissatisfied	Somewhat Dissatisfied	Neither Satisfied nor Dissatisfied	Somewhat Satisfied	Satisfied	I do not engage in this activity or tradition	Don't Know
Native Practices or Activities (canoe journey, Tribal center events, potlach, etc.)	1	2	3	4	5	<input type="checkbox"/>	<input type="checkbox"/>
Spiritual or Religious Practices related to the environment (meditation, prayer, solstice observance etc.)	1	2	3	4	5	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Practices or Activities Important to your Heritage (formal or informal)	1	2	3	4	5	<input type="checkbox"/>	<input type="checkbox"/>

family or community events, etc.)							
Environmentally oriented Social Activities (environmental clubs, festivals, outdoor events, etc.)	1	2	3	4	5	<input type="checkbox"/>	<input type="checkbox"/>

8. About how many days per month on average did you participate in the following recreation activities in the Puget Sound region this past fall (about September - November). Please circle one number for each question:

Outdoor Activity	I do not engage in this activity	Less than 1 day per month	1-4 days per month	5-10 days per month	11-20 days per month	More than 20 days per month	Don't Know
Motorized Trail Use (e.g. ATV or OHV Riding)	1	2	3	4	5	6	<input type="checkbox"/>
Using Paved Paths or Trails for Walking, Running, Biking	1	2	3	4	5	6	<input type="checkbox"/>
Using Unpaved Trails for Walking, Running, Biking, Horseback, Hiking, Backpacking	1	2	3	4	5	6	<input type="checkbox"/>
Camping (Car or Back Country)	1	2	3	4	5	6	<input type="checkbox"/>
Fishing	1	2	3	4	5	6	<input type="checkbox"/>
Hunting	1	2	3	4	5	6	<input type="checkbox"/>
Picnic or BBQ	1	2	3	4	5	6	<input type="checkbox"/>
Motorized Boating	1	2	3	4	5	6	<input type="checkbox"/>
Non-Motorized Water Sports (e.g. Kayak, Surf, Sailing, Swimming, Scuba)	1	2	3	4	5	6	<input type="checkbox"/>
Skiing/Snow Boarding or Snowshoeing	1	2	3	4	5	6	<input type="checkbox"/>
Gardening or Yard Work	1	2	3	4	5	6	<input type="checkbox"/>
Wildlife Viewing/Birding	1	2	3	4	5	6	<input type="checkbox"/>

9. About how many days per month on average did you participate in the following recreation activities in the Puget Sound region this past Spring (about March - May). Please check one box for each question:

Outdoor Activity	I do not engage in this activity	Less than 1 day per month	1-4 days per month	5-10 days per month	11-20 days per month	More than 20 days per month	Don't Know
Motorized Trail Use (e.g. ATV or OHV Riding)	1	2	3	4	5	6	<input type="checkbox"/>
Using Paved Paths or Trails for Walking, Running, Biking	1	2	3	4	5	6	<input type="checkbox"/>
Using Unpaved Trails for Walking, Running, Biking, Horseback, Hiking, Backpacking	1	2	3	4	5	6	<input type="checkbox"/>
Camping (Car or Back Country)	1	2	3	4	5	6	<input type="checkbox"/>
Fishing	1	2	3	4	5	6	<input type="checkbox"/>
Hunting	1	2	3	4	5	6	<input type="checkbox"/>
Picnic or BBQ	1	2	3	4	5	6	<input type="checkbox"/>
Motorized Boating	1	2	3	4	5	6	<input type="checkbox"/>

18. What is the highest level of education you have completed?:

- Elementary school
- Middle school
- Highschool
- GED
- Two-year college or technical school
- Four-year college or university
- Graduate school (Master's)
- Graduate school (Doctorate)
- Graduate school (Postdoc)

19. What is your annual household income?

- Less than \$10,000
- \$10,000-\$24,999
- \$25,000-\$49,999
- \$50,000-\$74,999
- \$75,000-\$99,999
- \$100,000-\$149,999
- \$150,000-\$200,000
- Greater than \$200,000

20. What is your race? Mark all that apply.

- Black or African American
- Native American or Native Alaskan
- Asian
- White
- Hispanic or Latino
- Other
- Native Hawaiian or Pacific Islander

21. What is your age? _____

22. Which of the following do you consider yourself? Please circle one number:

Very Conservative	Conservative	Neither Conservative nor Liberal	Liberal	Very Liberal
1	2	3	4	5

Thank you for completing this survey. If you have any additional thoughts on human wellbeing in your area, please write them here, as needed.

Appendix C. Online Survey: Spanish (Demographic questions about Latinx identity, age, gender identity and zip code were used as screener questions at the beginning of the survey)

ENCUESTA DE BIENESTAR HUMANO PUGET SOUND

PREGUNTAS IMPORTANTES PARA COMPRENDER SUS EXPERIENCIAS

UN ESTUDIO COMPLETADO COOPERATIVAMENTE POR:



326 East D Street
Tacoma, WA 98421



Oregon State University

204 Hoveland Hall
2700 SW Campus Way
Corvallis, OR 97331



Gracias por participar en esta encuesta sobre el bienestar humano en Puget Sound, financiada por el Puget Sound Partnership. Debería tomar 10-15 minutos de su tiempo. Por favor complete la breve encuesta y envíe sus respuestas al final. Participación es voluntaria y sus respuestas son completamente confidenciales.

Si tiene alguna pregunta sobre la encuesta, comuníquese con la investigadora principal Kelly Biedenweg por correo electrónico a Kelly.biedenweg@oregonstate.edu.

Los resultados de esta encuesta se informarán en el informe State of the Sound de Puget Sound Partnership en 2022. Visite el siguiente sitio web para obtener más detalles: [http:// www.psp.wa.gov/vitalsigns/](http://www.psp.wa.gov/vitalsigns/)

1. ¿En qué medida está de acuerdo o en desacuerdo con las siguientes afirmaciones relacionadas con la región de Puget Sound? Por favor haga un círculo alrededor de un número para cada pregunta o marque “no se”:

Afirmación	Muy en Desacuerdo	En Desacuerdo	Parcialmente en Desacuerdo	Neutral	Parcialmente de Acuerdo	De Acuerdo	Muy de Acuerdo	No Se
Tengo muchas oportunidades para influir en las decisiones sobre recursos naturales en la región de Puget Sound si quiero	1	2	3	4	5	6	7	<input type="checkbox"/>
Tengo la libertad de tomar decisiones personales sobre cómo se administran y manejan los recursos naturales en mi propiedad	1	2	3	4	5	6	7	<input type="checkbox"/>
Me siento bien representado por los líderes de los procesos de administración y manejo de recursos naturales de Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>
Confío en los creadores regionales de póliza para proteger los recursos naturales de Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>
Tengo acceso a suficiente información sobre las consecuencias sociales y económicas de cómo se administran y manejan los recursos naturales en Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>
Tengo acceso a suficiente información sobre las consecuencias ambientales de cómo se administran y manejan los recursos naturales en Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>
Tengo acceso a suficiente información sobre los aspectos regulatorios de cómo se administran y manejan los recursos naturales en Puget Sound	1	2	3	4	5	6	7	<input type="checkbox"/>

¿En qué agencias, creadores de política, legisladores o instituciones estaba pensando al responder las preguntas anteriores?: _____

2. En el último año, ¿aproximadamente con qué frecuencia cazó, pescó cosechó, recogió o buscó los siguientes alimentos en la región de Puget Sound? Por favor haga un círculo alrededor de un número para cada alimento o marque “no se”:

Alimento Local	Nunca	Raramente (1-2 veces por temporada)	De vez en cuando (3-5 veces por temporada)	Regularmente (6-8 veces por temporada)	Frecuentemente (Más de 10 veces por temporada)	No Se
Pescado	1	2	3	4	5	<input type="checkbox"/>
Cangrejo o Camarón	1	2	3	4	5	<input type="checkbox"/>

Ostras, Mejillones, Almejas, etc. (no Almejas pequeñas)	1	2	3	4	5	<input type="checkbox"/>
Calamar	1	2	3	4	5	<input type="checkbox"/>
Ciervo o Alce	1	2	3	4	5	<input type="checkbox"/>
Aves Acuáticas (patos o gansos)	1	2	3	4	5	<input type="checkbox"/>
Plantas o Frutos (fresas silvestres) u Hongos	1	2	3	4	5	<input type="checkbox"/>

3. En el último año, ¿Con qué frecuencia participó en actividades ambientales de conservación que creía que beneficiaban al medio ambiente? Por favor haga un círculo alrededor de un número para cada comportamiento/actividad o marque "no se":

Comportamiento/Actividad	Nunca	Raramente (1-4 veces al año)	De vez en cuando (Una vez al mes)	Regularmente (Una vez por semana)	Frecuentemente (casi todos los días)	No Se
Comportamientos que cree que beneficiaron efectivamente al medio ambiente	1	2	3	4	5	<input type="checkbox"/>
Comportamientos ambientales que fueron personalmente significativos para usted	1	2	3	4	5	<input type="checkbox"/>
Comportamientos ambientales que cree que la comunidad necesita	1	2	3	4	5	<input type="checkbox"/>

4. ¿Su trabajo implica pasar tiempo en ambientes naturales? (e.j. pesca comercial o chárter, agricultura, silvicultura, restauración de hábitat o trabajos de recreación al aire libre?)

Sí No

Si: Aproximadamente, ¿cuántas horas a la semana realiza un trabajo que implica pasar tiempo en ambientes naturales?

Menos de 5 horas/semana 5-10 horas/semana 11-20 horas/semana
 21-30 horas/semana Más de 30 horas/semana

5. En el último año, ¿aproximadamente con qué frecuencia se sintió *inspirado* al pasar tiempo al aire libre en la región de Puget Sound? Por favor haga un círculo alrededor de un número o marque "no se":

Nunca	Raramente (1-4 veces al año)	Occasionalmente (Una vez al mes)	Regularmente (Una vez por semana)	Frecuentemente (Casi todos los días)	No Se
1	2	3	4	5	<input type="checkbox"/>

6. En el último año, ¿aproximadamente con qué frecuencia pasar tiempo al aire libre en la región de Puget Sound le ayudó a reducir sus niveles de *estrés*? Por favor haga un círculo alrededor de un número o marque "no se":

Nunca	Raramente (1-4 veces al año)	Occasionalmente (Una vez al mes)	Regularmente (Una vez por semana)	Frecuentemente (Casi todos los días)	No Se
1	2	3	4	5	<input type="checkbox"/>

7. En el último año, ¿qué tan satisfecho estuvo con su nivel de participación en alguna de las siguientes actividades culturales o tradiciones *relacionadas con el medio ambiente*? Por favor haga un círculo alrededor de un número para cada actividad o marque "No participo en esta actividad o tradición":

Actividad o Tradición Ambiental Cultural	Insatisfecho	Parcialmente Insatisfecho	Ni Satisfecho ni Insatisfecho	Parcialmente Satisfecho	Satisfecho	No participo en esta actividad o tradición
Prácticas o Actividades Nativas (viaje en canoa, eventos del centro tribal, potlatch, etc.)	1	2	3	4	5	<input type="checkbox"/>
Prácticas Espirituales o Religiosas relacionadas con el medio ambiente (meditación, oración, observancia del solsticio, etc.)	1	2	3	4	5	<input type="checkbox"/>
Prácticas o Actividades ambientales Importantes para su Patrimonio (eventos familiares o comunitarios formales o informales, etc.)	1	2	3	4	5	<input type="checkbox"/>
Actividades Sociales de orientación ambiental (clubes ambientales, festivales, eventos al aire libre, etc.)	1	2	3	4	5	<input type="checkbox"/>

8. Aproximadamente, ¿cuántos días al mes en promedio participó en las siguientes actividades recreativas en la región de Puget Sound el otoño pasado (aproximadamente de Septiembre a Noviembre)? Por favor haga un círculo alrededor de un número para cada actividad o marque "No participo en esta actividad":

Actividad al Aire Libre	Menos de 1 día por mes	1-4 días por mes	5-10 días por mes	11-20 días por mes	Mas de 20 días por mes	No participo en esta actividad
Uso de Senderos Motorizados (e.g., Vehículo todo terreno)	1	2	3	4	5	<input type="checkbox"/>
Uso de Caminos o Senderos Pavimentados para Caminar, Correr o Andar en Bicicleta	1	2	3	4	5	<input type="checkbox"/>
Uso de Senderos sin Pavimentar para Caminar, Correr, Andar en Bicicleta, Montar a Caballo, Hacer Caminatas (Senderismo), Caminatas con Mochila	1	2	3	4	5	<input type="checkbox"/>
A Campar/Cámping (en Carro o a Campar al Medio Ambiente)	1	2	3	4	5	<input type="checkbox"/>
Pescar	1	2	3	4	5	<input type="checkbox"/>
Ir a Cazar	1	2	3	4	5	<input type="checkbox"/>
Picnic o Barbacoa no en casa	1	2	3	4	5	<input type="checkbox"/>
Paseo en Barco Motorizado	1	2	3	4	5	<input type="checkbox"/>
Deportes Acuáticos no Motorizados (e.g. Kayak, Surf, Navegar, Natación, Buceo)	1	2	3	4	5	<input type="checkbox"/>
Esquí/Snow Boarding o Caminata con Raquetas para Nieve	1	2	3	4	5	<input type="checkbox"/>
Jardinería o Trabajando en su Patio	1	2	3	4	5	<input type="checkbox"/>
Observación de Vida Silvestre/Aves	1	2	3	4	5	<input type="checkbox"/>

9. Aproximadamente, ¿cuántos días al mes en promedio participó en las siguientes actividades recreativas en la región de Puget Sound la primavera pasada (aproximadamente Marzo – Mayo). Por favor haga un círculo alrededor de un número para cada actividad:

Actividad al Aire Libre	Menos de 1 día por mes	1-4 días por mes	5-10 días por mes	11-20 días por mes	Mas de 20 días por mes	No participo en esta actividad
Uso de Senderos Motorizados (e.g. Vehículo todo terreno)	1	2	3	4	5	<input type="checkbox"/>
Uso de Caminos o Senderos Pavimentados para Caminar, Correr o Andar en Bicicleta	1	2	3	4	5	<input type="checkbox"/>
Uso de Senderos sin Pavimentar para Caminar, Correr, Andar en Bicicleta, Montar a Caballo, Hacer Caminatas (Senderismo), Caminatas con Mochila	1	2	3	4	5	<input type="checkbox"/>
A Campar/Cámping (en Carro o a Campar al Medio Ambiente)	1	2	3	4	5	<input type="checkbox"/>
Pescar	1	2	3	4	5	<input type="checkbox"/>
Ir a Cazar	1	2	3	4	5	<input type="checkbox"/>
Picnic o Barbacoa no en casa	1	2	3	4	5	<input type="checkbox"/>
Paseo en Barco Motorizado	1	2	3	4	5	<input type="checkbox"/>
Deportes Acuáticos no Motorizados (e.g. Kayak, Surfeo, Navegar, Natación, Buceo)	1	2	3	4	5	<input type="checkbox"/>
Esquí/Snow Boarding o Caminata con Raquetas para Nieve	1	2	3	4	5	<input type="checkbox"/>
Jardinería o Trabajando en su Patio	1	2	3	4	5	<input type="checkbox"/>
Observación de Vida Silvestre/Aves	1	2	3	4	5	<input type="checkbox"/>

10. ¿En qué medida está de acuerdo o en desacuerdo con las siguientes afirmaciones relacionadas con la región de Puget Sound? Por favor haga un círculo alrededor de un número para cada pregunta:

Afirmación	Muy en Desacuerdo	En Desacuerdo	Parcialmente en Desacuerdo	Neutral	Parcialmente de Acuerdo	De Acuerdo	Muy de Acuerdo
Estoy muy apegado al ambiente natural de la región de Puget Sound.	1	2	3	4	5	6	7
Estoy orgulloso de vivir en la región de Puget Sound	1	2	3	4	5	6	7
Me siento responsable de cuidar el ambiente natural de Puget Sound	1	2	3	4	5	6	7
Vivir en la región de Puget Sound dice mucho sobre quién soy	1	2	3	4	5	6	7
Poder participar en actividades al aire libre o prácticas culturales es importante para mi conexión con el Puget Sound	1	2	3	4	5	6	7
En su mayoría estoy apegado a las partes de Puget Sound que están más cerca de mí.	1	2	3	4	5	6	7

Podría estar satisfecho viviendo en otros lugares fuera del Puget Sound	1	2	3	4	5	6	7
---	---	---	---	---	---	---	---

11. En general, ¿qué tan satisfecho o insatisfecho está con su vida? Por favor haga un círculo alrededor número:

Insatisfecho	Parcialmente Insatisfecho	Ni Satisfecho ni Insatisfecho	Parcialmente Satisfecho	Satisfecho
1	2	3	4	5

12. ¿Cuál es su código postal? _____

13. ¿Cuántos años ha vivido en el Puget Sound? _____

14. ¿Cuántos años ha vivido en los Estados Unidos? _____

15. ¿Cuál es su país de origen? (¿De dónde es su familia?) _____

16. ¿Cuál es su sexo?

Hombre Mujer Otro Prefiero no responder

17. ¿Cuál de las siguientes opciones describe mejor el área en la que vive? Por favor haga un círculo alrededor de un número:

Urbano	Suburbano	Rural
1	2	3
		4
		5

18. ¿Cuál es el nivel más alto de educación que ha completado?:

- Escuela primaria
- Escuela intermedia
- Escuela secundaria
- GED
- Universidad de dos años o escuela técnica
- Universidad de cuatro años o escuela técnica
- Escuela de posgrado (Maestría)
- Escuela de posgrado (Doctorado)
- Escuela de posgrado (Posdoctorado)

19. ¿Cuál fue el ingreso total de su hogar en 2020?

- Menos de \$10,000
- \$10,000-\$24,999
- \$25,000-\$49,999
- \$50,000-\$74,999
- \$75,000-\$99,999
- \$100,000-\$149,999
- \$150,000-\$200,000
- Mas de \$200,000

20. ¿Cuál es su raza? Marque todo lo que corresponda.

- Negro o Afroamericano
- Nativo Americano o Nativo de Alaska
- Nativo Hawaiano u Otro Isleño del Pacífico
- Hispano o Latino
- Asiático
- Blanco
- Otro

21. ¿Cuál de los siguientes te consideras?

Muy Conservativo	Conservativo	Ni Conservativo ni Liberal	Liberal	Muy Liberal
1	2	3	4	5

22. ¿Cuál es su edad? _____

Gracias por completar esta encuesta. Si tiene alguna idea adicional sobre el bienestar humano en su área, escribala aquí, según sea necesario.

Appendix D. Comments

Of the 180 respondents 29.4% (53 respondents) left comments or a comment was included in the data entry. Only relevant and legible responses are listed below. Comments originally given in Spanish include a translation in parentheses.

Responses	Counts of Repeats
Thanks or Thank you	7
Ok or Okk	6
Nothing	2
Practicar el senderismo ya que te da muchos beneficios respecto a la salud y te enseña a cuidar la naturaleza, y a practicar el reciclaje. Ya que en Seattle Latino Hiking buscamos gente que nos enseñe a cuidar el mundo (<i>Hiking has a lot of benefits related to health and it teaches to take care of nature and practice recycling. In Seattle Latino Hiking we look for people who will teach us to take care of the world</i>)	
Tener más en cuenta a los hispanos. (<i>Take Hispanics more into account</i>)	
Más control con los Homeless (<i>More control of the homeless</i>)	
cuidar de la naturaleza pueden establecerse empresas que a su vez mira uno que esta destrullendo por derribar árboles.pero puede fortalecer su entorno cuidando de ellos (<i>Taking care of the environment companies are established and at the same time one sees that they are destroying nature by taking down trees. But one can strengthen their environment by taking care of them</i>)	
I think the whole world is a whole, we must protect our home.	
Human well being is very important to me. My health and that of my family and friends.	
Homelessness	
Very nice survey	
I think that better recreation opportunities for miners and rock hounds should be allowed for citizens	
Help other culture communities	
Very good survey thank you !!	
Large fines for companies that expose the Puget sound to human feces	
Thanks this was good	
I love the puget sound	
We need to invest more time in educating our youth so that they learn how to manage our lands and everything that is in it.you	
People take care of the nature in my neighborhood	
It is wonderful to see nature being preserved rather than it being concreted over by apartments and highways	
It is an nice study.	
Since this is Puget Sound oriented I suppose I should describe a on going situation occuring in Puget Sound that I tried desperately single handedly to fix, but to no avail. I'm currently homeless due to being laid off because of Covid & then having my identity stolen. Anyway, I took up residence in my vehicle & park in this area in between Burien & South Park that is I guess deemed unaffiliated with any specific city so there's no official source of maintenance for the area. This mean everything is overgrown with sticker bushes everywhere which are many times	

dangerous, also the populous isn't very prideful of where they live & many of them just blatantly litter, sometimes even when a garbage can is inches away. During the passed 16 months there has been times when I was putting in up to 40 hrs a week picking up garbage & doing the landscaping that was most needed at that time. I would work & work & work but it was like the harder I worked the more people would litter & overgrowth would occur. I really don't know what I expect to happen out of me writing this, but maybe if I could just bring it to the attention of someone important who could do something about it. I've emailed King County about it but nothing came about that. I don't know maybe a City around there could expand their borders & resources to take care of that area & pull it out of the funk that it's in, it really has great potential. The sidewalks have these really cool textured bronzed stars on the edges of them, but they are all covered up by the over growth, & then once you cut that growth back you find that the sidewalks are stained green & have to put in back breaking work to scrub it off. I really have it my all, picked up thousands of needles, & tons, & I mean tons of trash, I've never even witnessed the immense level of trash that has impacted that area, cause if you were to just randomly choose a spot in the dirt & start digging you would be shoveling out dirt that has become infused with bits & pieces of trash & plastic. It looks like the dirt was purposely mulched together with garbage & then laid out, but of course that's not the case. It was disheartening to be doing landscaping & witnessing the wildlife putting up with the all that waste that doesn't have to be there. I feel like a team with some city resources behind them can do a whole lot better than just little old me. I actually had to leave from my spot due to them begining construction where I was parked & I'm worried how bad that place is going to get without me to at least be there to put that dent in it that I have been. Anywho, I'm sure this isn't what you were expecting, but I've been trying to make something happen for that area so I figywhy not at least throw it out there just in case. Thanks for reading, take care.

The last question about if I was liberal or whatever my responsive liberal but I could not move forward until I clicked every single response and the same question happened to me with the question about how satisfied I was with my life in general my answer was not very satisfied but I had to press every single answer marking all of them to get the next question get it?

Pregunta anterior no funciona bien (Last question doesn't work well)

Leave a place where people can fill out how they view themselves conservative or liberal, there are more choices. Include independent or libertarian as an option as well.

How close to nature

Nose (I don't know)

I do not

Nope

None.

No more locked doors

No answer

No thought's

No

great

n/a

Appendix E. Governance Entities Listed by Respondents

Of the 180 respondents 79% (143 respondents) answered the free response question “What agencies, policymakers or institutions were you thinking of when answering the above questions?” regarding the questions in the governance section. Note a response of none indicates the respondent answered none and did not leave the question blank. Only relevant and legible responses are listed below. Comments originally given in Spanish include a translation in parentheses.

Responses	Counts of Repeats
None, En ninguna (<i>In none</i>)	11
Ok	2
Not sure	2
Nothing	2
No me interesa la política (<i>I'm not interested in politics</i>)	2
I really don't know, I don't know or idk	4
I'm not really sure	
I have no clue I don't know of any never Hurd about any of it diddent know I had any say in it I assumed the gov did as they would never even voted	
I don't have enough knowledge	
I don't know any of those	
I was thinking of a lot of them so much that it'll be to much to type out	
Couldn't get one that easily at the top of my head	
Can't remember	
King county	2
Department of Natural Resources	2
Dept of ecology	
Fire department	
EPA	2
EPA, Dept of Forestry	
Government	2
Governor, governer	2
Government/Policy details	
los politicos (Politicians)	
En la gobernación (<i>In the government</i>)	
The government whom I do not trust one bit	
State governor	
PSE	3
PSE, Parks and recreation	
Puget Sound	4
Puget Sound Energy	3
Pudget	

Puget sound energy and seattle city light.
Puget Sound Energy, Cascade Natural Gas
Puget Sound energy electricity
Puget Sound Clean Water
Puget sound energy department, I have dealt with them more than others
Puget sound Natural Resource Alliance, & just King County as a state government bureaucracy
Puget sounds clean air
The pudget bay
MetroParks, Puget Sound Energy, elected officials
local storm water services, local snohomish county conservation district
Clean Puget Sound. Project
Parks of Pudget sound
Parks,
Nature parks
Just strongly angry.
I meant to but agreee haha
any agencies
Tacoma electric
Whatcom resource center
Durkin
the city council local goverment
Seattle City Council
Congress, city council, council members
City council notices and news agencies
City council, Bureau of land management,
BLM
Animal wild life
Police and law makers
All them
Politics
Housing authority
In general
Institution
WA State parks department
Washington State transportation, washington state agriculture
State legislature? Voting
State representatives and senators, the governor, and local environmental agencies
State govt
Supreme court's
Court house
Democrates
Na

McDonald's
Pierce
Wdfw,waste management "sewage spills"
P.O.G, ZooZoo
Mitchell onnel
Overview
Familia
Local leaders
Lands commissioners office, Department of Revenue, department of ecology, department of natural resources, environmental council, department of game and wildlife
Oregon State university.
University of Washington
UW
City of Everett
City of Seattle
The city of seattle, drift
Personnel
Yes please
yes
Facebook
The one I use
Walmart
economic forecaster.com
Fábricas (<i>Factories</i>)
De crueros (<i>Of the cruises</i>)
Progressive
EcoloGica Magazine
FWS, State politicians (senators/ reps), Dept of NR, and local government (mayors, city/county parks and NR departments)

Appendix F. References

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