

Fishing Guide Logbook Progress Report

Washington Department of Fish and Wildlife



Publication Date: April 3, 2023

Publication No. FPA 23-04

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Introduction

Guided fishing plays an important role in Washington’s recreational fisheries, providing unique opportunities for Washingtonians and visitors from around the globe. Guides provide equipment, watercraft, tackle, and technique training for paying customers. Fishing guides must hold a business license, a commercial food fish, game fish or combination guide’s licensed and must be insured to operate in Washington State in accordance with RCW 77.65.560. ¹

Fishing guides increase access to recreational fisheries by introducing the sport to new anglers and can play a critical role in Recruitment, Retention, and Reactivation (R3) efforts ([Washington Hunting and Angling Recruitment, Retention and Reactivation \(R3\) Plan, 2022](#)). Anglers visiting Washington from around the world use guides to access fisheries without investing in or transporting their own equipment and watercraft. The guide industry creates job opportunities and supports tourism, providing economic contributions to rural communities across Washington.

Some in the guiding, fishing, and conservation community have expressed concerns that concentrated guiding activities in certain fisheries have increased pressure on salmon and steelhead stocks and limited opportunities for non-guided anglers. In response to these concerns, the Washington Department of Fish and Wildlife (WDFW) held several public meetings with the guide industry in 2018 before proposing to collect trip data from guides to better understand industry trends and demographics. In 2018 the Washington State Legislature provided authority to require logbooks for fishing guides and in 2019 the Washington Fish and Wildlife Commission passed a rule requiring guides to submit trip reports, effective January 1, 2020. Data gathered from these trip reports is intended to inform the agency on industry trends including improving the understanding of the demographics of guides and their customers, the geographic and seasonal distribution of guide activity, and their contributions to local economies and the recruitment, retention, and reactivation of anglers (R3).

This report is organized as follows. First, we provide an update on implementation of the logbook program, including changes to reporting tools, enforcement, and the Washington Administrative Code (WAC). Then we provide an analysis of the data collected through the guide logbooks. We focus first on guide demographics and the distribution of guided trips across the state. Next, we examine trends and demographics among guide customers to answer questions about who takes guided trips, including where they come from, how often they use guide services, and their previous and subsequent experiences with Washington recreational

¹ Guiding services discussed in this report refer only to trips to freshwater fisheries by guides with one of these three licenses. These trips are distinct from saltwater charter trips, though some guides also own charter licenses and provide saltwater fishing opportunities.



fisheries. We end with next steps for the logbook program and other data gathering efforts related to Washington’s guide industry.

Implementation Updates

Participation in guide logbook reporting

The percent of licensed guides reporting trips in 2021 was 41 percent. Given low participation in logbook reporting the agency enhanced education and enforcement conducting emphasis patrols in various popular guide fisheries. There are two primary reasons that guides may not participate in logbook reporting.

- 1) Licensed guides may purchase a license but not guide any trips in a given license year.
- 2) Licensed guides may be guiding but not reporting their trips in violation of WAC 220.352.245.

In 2022, we expected to see an increase in compliance due to enforcement actions and enhanced education. However, we only observed a marginal increase in compliance to 46 percent (Table 1). With less than half of our licensed fishing guides reporting after three years of implementing the rule, the agency worked with the Fishing Guide Advisory Committee and the Fish & Wildlife Commission in 2022 to address enforcement loopholes to support enforcement and compliance with reporting.

Table 1. Logbook compliance, 2020-2022.

Year	2020	2021	2022
Unique guides reporting	215	206	227
Total licensed guides	472	502	493
Compliance rate	46%	41%	46%

In 2023, the agency will seek to conduct a survey of licensed guides aiming, in part, to determine the relative importance of the two hypothesized drivers of non-participation in the guide logbook program. These results will help users of the guide logbook data better understand how representative trips reported through the program are of overall guiding activity.

Closing enforcement loopholes and 2023 rule updates

In 2022, the Fish and Wildlife Commission reviewed recommendations from agency staff and the Fishing Guide Advisory Committee aimed at increasing the enforceability of the reporting rule. Changes were adopted February of 2023 and included:

- Requiring certain trip information (date, location and guide license #) to be entered at the start of fishing day;



- Removing the reference to vessel and boat launch to clarify that this reporting requirement applies to all fishing guides including shore fishing;
- Removing the web reporting option that is underutilized, and simplifying down to two reporting tools mobile and paper; and,
- Increasing the paper logbook return time to twice monthly vs once monthly to increase enforcement capacity to follow through on contacts made.

We hope these changes paired with increased education, improvements to the mobile reporting tool and continued enforcement contacts will increase compliance in 2023.

Data Analysis

Seasonality – When are guided fishing trips more common?

In 2022, the highest volume of reports submitted were in the months of June, July and September (Figure 1). A total of 5,405 reports were submitted in 2022 with 59% submitted via mobile application and 37% submitted via paper logbook. Only 4% of reports came in through the web application.



Figure 1. Guided trips reported by date of trip and reporting mode.

Geographic distribution – Which fisheries are most utilized by fishing guides?

We looked at trends in reporting across geographic areas, Columbia River, North Coast, Willapa Bay, Grays Harbor, Puget Sound, Eastside Lakes and Westside Lakes. Regions shown in the maps below (Figure 2).



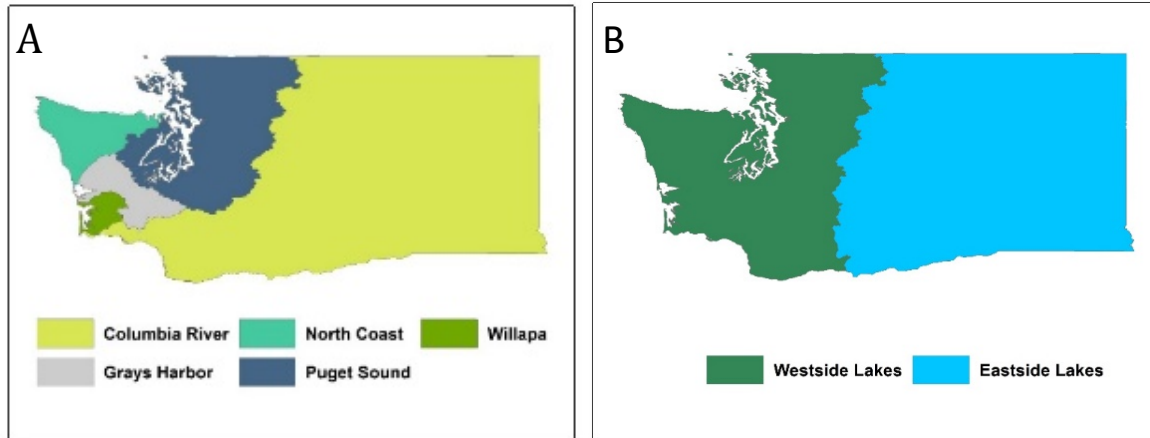


Figure 2. Guide areas for (A) rivers and streams, and (B) lakes.

The majority of guided fishing trips in 2022 occurred in the Columbia River Basin, with 3,512 trips reported by 161 guides. The second highest volume region was Puget Sound with 722 reports by 37 guides. See the table reporting trends by area to the right (Table 2).

Within these regions with high guide activity, the waterbodies with the highest volumes of guides were the Cowlitz River, the Yakima River, the Columbia River (Hanford Reach, McNary – John Day, and Wells to Chief Joseph), and the Snake River (Figure 3). The Cowlitz River had the most trips (639) and the Hanford Reach (Columbia River – 545) had the highest number of trips per day (7.2) (Table 3).

Table 2. Guide activity by area.

Area	Guides	Trips
Columbia River	161	3512
North Coast	37	722
Puget Sound	18	212
Grays Harbor	10	114
Willapa	1	3
Eastside Lakes	31	478
Westside Lakes	34	239

Demographics – What do we know about who guides?

In 2022 there were 501 licensed fishing guides operating in Washington State (Figure 4). Ninety percent of licensed fishing guides are residents of Washington State, while 10 percent are non-residents primarily from neighboring or nearby states including Oregon, Idaho and Montana.



Figure 3. Ten most frequently guided waterbodies, 2022.



Table 3. Guiding activity on ten most frequently guided waterbodies, 2022.

Waterbody	Trips	Days with Guiding Activity	Avg # of Trips / Days Fished	Highest # of Trips in a Day	Date of Highest # of Trips	Most Frequently Encountered Species	Encounters
Cowlitz River	639	245	2.6	9	March 10	Steelhead	2601
Yakima River	611	218	2.8	8	July 29	Rainbow Trout	7187
Columbia River - 545	402	56	7.2	18	July 23	Sockeye	5614
Snake River	350	198	1.8	5	June 25	Smallmouth Bass	2706
Columbia River - 536	324	52	6.2	14	Sept. 29	Chinook	1153
Sol Duc River	274	122	2.2	7	Jan. 29	Steelhead	359
Hoh River	264	92	2.9	11	Feb. 18	Steelhead	240
Lake Chelan	235	150	1.6	5	May 28	Kokanee	2874
Drano Lake	174	60	2.9	8	May 16	Chinook	759
Roosevelt Lake	161	133	1.2	3	April 7	Walleye	2348

Fishing guides in Washington rely on a variety of business models. Some license holders guide full time, moving their operations to different fisheries across the state throughout the year. Others guide in multiple states with trips in Washington making up just a portion of their business portfolio. A third group of license holders guide on weekends and work another full-time job.

With compliance reporting still low it's hard to get a firm grasp on distribution of guide activity between full time and part time. But based on logbook trip report data submitted in 2022, we see a lot of diversity in activity. Most guides reporting in 2020, 2021 and 2022 logged just 1-25 trips (Figure 5). In 2022, 159 guides logged between 1-25 trips, 36 guides reported between 26-50 trips and only eight guides logged over 100 trips.

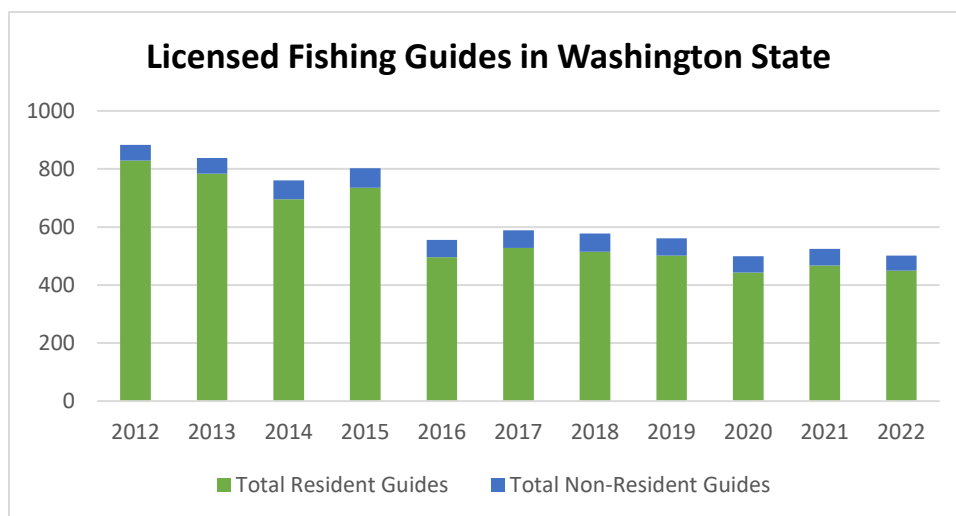


Figure 4. Number of licensed fishing guides in Washington, by year and residency.



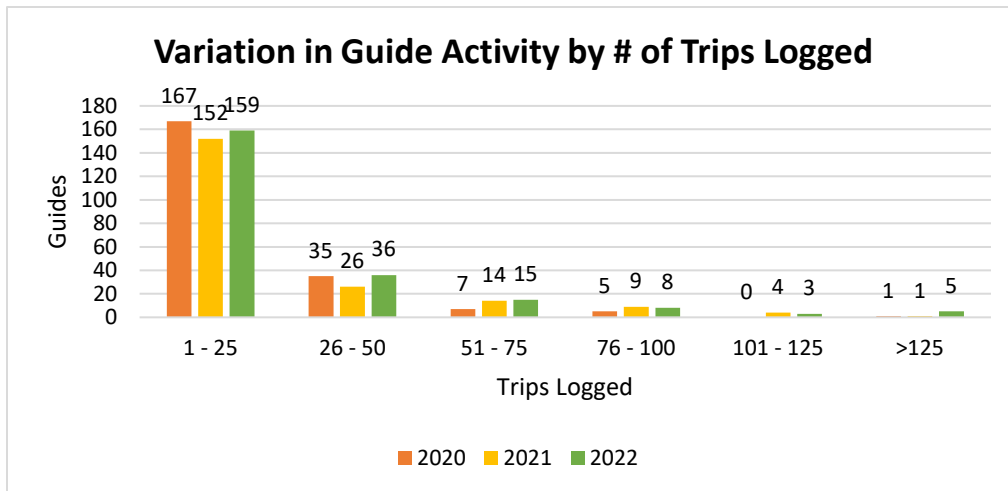


Figure 5. Annual trips per guide, 2020-2022.

Guide businesses operate throughout the state and many guides travel great distances to participate in fisheries. The tables below show where guides travel from to participate in some of our most popular guide fisheries (Table 4). For Olympic Peninsula waterbodies, 31 percent of trips were led by guides with residences outside the region. For Southwest Washington and the Hanford Reach of the Columbia, 71 percent and 63 percent of trips were led by out-of-region guides, respectively.

Table 4. Guided trips by county of residence, 2022. Asterisks indicate counties included as in-region. Counties with fewer than ten trips and not in-region combined into Other category

Olympic Peninsula		
Guide County of Residence	Trips	State
*Clallam	494	WA
King	86	WA
Out of State	30	MT
Skagit	30	WA
Thurston	22	WA
Kitsap	17	WA
Kittitas	13	WA
Pierce	10	WA
Whatcom	10	WA
Unknown	1	WA

SW Washington		
Guide County of Residence	Trips	State
Pierce	161	WA
*Lewis	157	WA
Clallam	123	WA
Yakima	95	WA
*Clark	87	WA
Thurston	58	WA
Asotin	57	WA
Out of State	55	OR
Unknown	31	WA
*Cowlitz	28	WA
Grays Harbor	25	WA
King	25	WA
Out of State	24	ID
Other	18	WA
Franklin	10	WA
*Skamania	6	WA

Hanford Reach - Columbia R		
Guide County of Residence	Trips	State
*Benton	94	WA
Spokane	61	WA
Douglas	47	WA
Out of State	47	ID
Chelan	20	WA
Asotin	14	WA
*Adams	13	WA
*Franklin	12	WA
Other	15	WA
Unknown	5	WA
*Grant	4	WA
Out of State	4	OR



In 2022, most of our guided fishing trips occurred in the Columbia River (CRCs 545 and 536) and tributaries like the Cowlitz and Yakima (Figure 6). While the Lower Columbia River, popularly known as Buoy 10, is a popular guide fishery, these trips are not reported because Washington foodfish, and combination guides cannot fish below the Longview Bridge. Guided trips to the Buoy 10 fishery must be led by a guide licensed in Oregon or a Washington licensed charter boat.

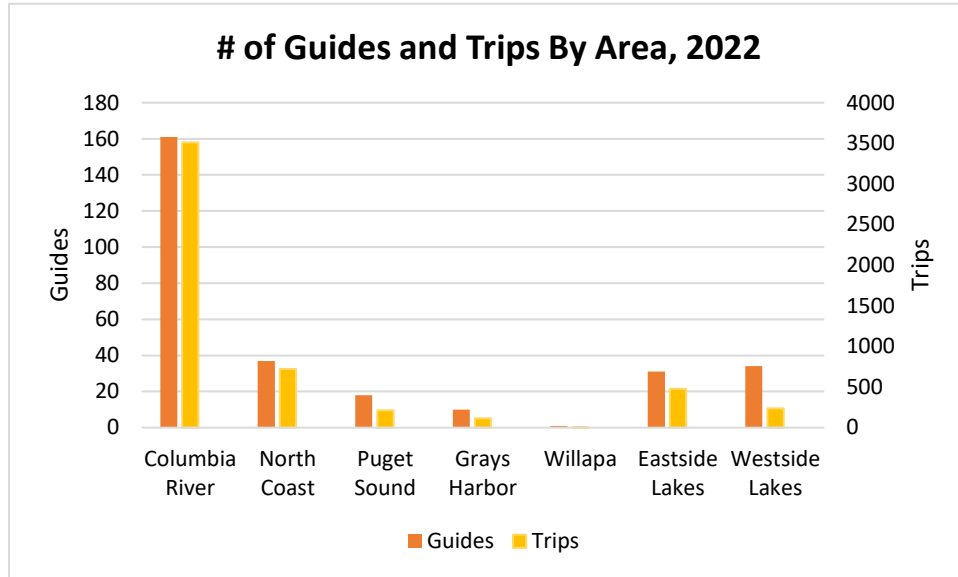


Figure 6. Number of guides and trips by guide area.

In recent years, there has been increasing interest in the prevalence of guides taking multiple trips in a day. With that in mind, we calculated the typical trip length and the occurrence of multiple trip days. Trips on multiple trip days make up only three percent of the overall trips logged (Figure 7A). The average number of clients taken out per guided fishing trip is between two and three, and, based on trip reports, most guides are running just one trip per day. The average trip is seven hours in length (Figure 7B).

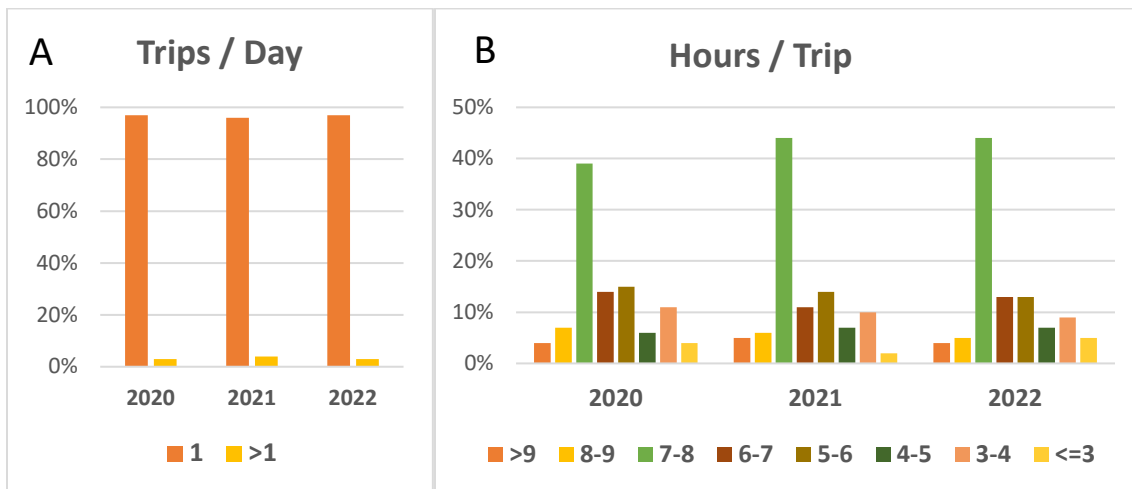


Figure 7. Percent of trips (A) by multi-trip days and (B) by hours fished.



Demographics – What do we know about guide customers?

One of the required fields for fishing guides to enter on their logbook is their customers WILD ID. A WILD ID is a uniquely identifiable number attached to any customer who has purchased a Washington fishing or hunting license product. We link customer WILD IDs reported in guide logbooks with demographic information and product purchase histories stored in the WDFW licensing system.

Note that there are several reasons customers may not provide WILD IDs. Youth (14-years-old and younger) are not required to purchase fishing licenses and therefore are not always reported with unique WILD IDs. Customers can purchase one-day guide stamps which are also not tied to unique WILD IDs. Finally, anglers with Oregon or Idaho fishing licenses can fish on border waters with Washington licensed guides (i.e., Columbia and Snake rivers). None of these three groups have unique WILD IDs or associated information in the licensing database and therefore the reported data do not include trips or customers from these groups.

Fishing guides served 15 percent more licensed customers in 2022 than 2021 (Figure 8). The number of trips recorded per customer also increased in 2022 from 2021, from 1.6 to 1.9.

Between January 2020 and December 2022, we were able to identify 18,571 unique guide customers. These customers took a total of 35,901 customer-trips² and fished for a total of 251,599 hours. Fifty-seven percent of customers took only a single guided trip during this

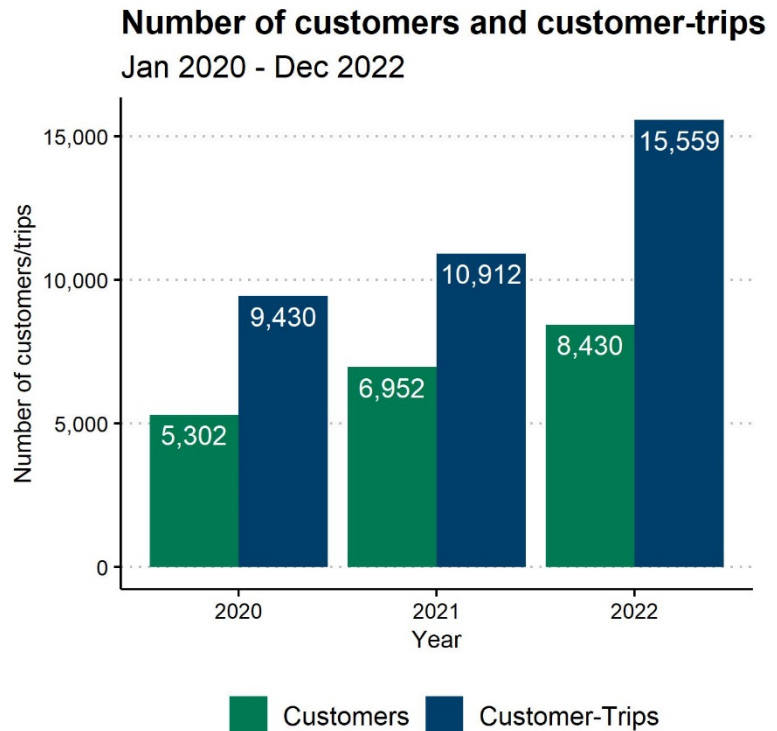


Figure 8. Guide customers and customer-trips, by year.

² A customer-trip is a unit measuring the number of customers times the number of trips. That is, a trip with three customers would count as three customer-trips.



Number of customers and customer-trips

By guide area, Jan 2020 - Dec 2022

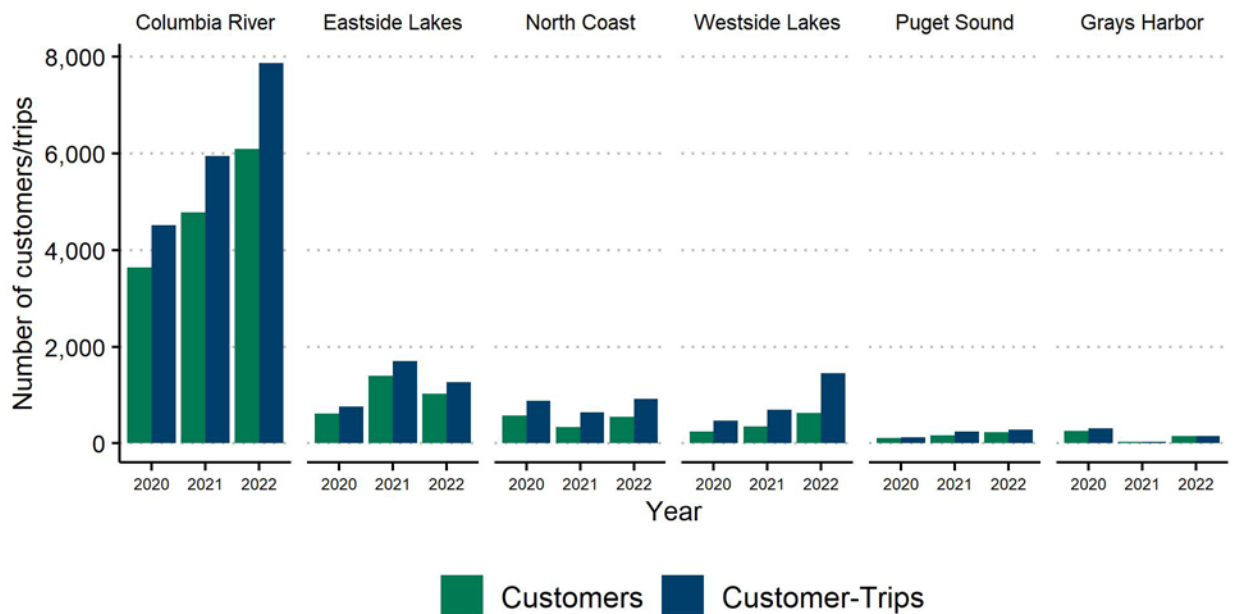


Figure 9. Guide customers and customer-trips, by year and guide area.

period, 30 percent took two trips, and 13 percent took three or more trips, for an average of 1.9 trips per customer.

Ninety-three percent of customers patronized a single guide, though among customers who took more than one trip 15 percent patronized two or more guides suggesting some competition in the guide market. WDFW sold 997,435 fishing licenses in 2020, 964,289 licenses in 2021, and 884,056 licenses in 2022, not including one-day guide or charter stamps. Approximately 1-in-100 licensed anglers participated in guided fishing in 2022.

The Columbia River was the most popular place to book guided fishing trips based on logbook data (Figure 9). Among licensed guide customers in all three years the Columbia River had the most customer-trips logged by a wide margin, followed by Eastside Lakes, North Coast, and Westside Lakes. Westside Lakes overtook North Coast in number of customers and customer-trips in 2022 and customers in this guide area took more trips per customer than any other area in that year. Guide customer growth has been strongest in the Columbia River and Westside Lakes.

Age and gender

Guides served customers of all ages; the youngest customer observed was a one-year-old and the oldest was 98 (Figure 10). The mean customer age was 48 years old, and 50 percent of customers were between the ages of 34 to 61. Additionally, 84 percent of guide customers were male (Figure 11). When looking across logbook reports during the time



period of January 2020 and December of 2022, the average fishing license holder was 43-years-old and 73 percent of license holders were male.

Customer origin

The logbook data shows a variety of home locations for guide customers, with 75 percent of customers residing in Washington, and 25 percent traveling from other states or countries (Figure 12). King County was the county of origin best represented among guide customers (15 percent of customers), followed by Spokane (9 percent), Pierce (7 percent), Snohomish (6 percent) and Benton (6 percent) Counties. Beyond Washington, Idaho was the state of origin best represented (7 percent) followed by Oregon (5 percent) and California (3 percent) (Figure 14). Sixty-one customers had foreign home addresses, though these customers are more likely to use stamps and therefore are likely underrepresented in the data. Washington guides had customers from every state except for West Virginia.

The North Coast had a relatively higher proportion of customers from California and outside the United States than other areas, reflecting the region’s fisheries’ destination status and ability to draw anglers from around the world. (See Appendix 4 for breakdowns of customer origins by guide area.)

Age distribution of guide customers

Jan 2020 - Dec 2022

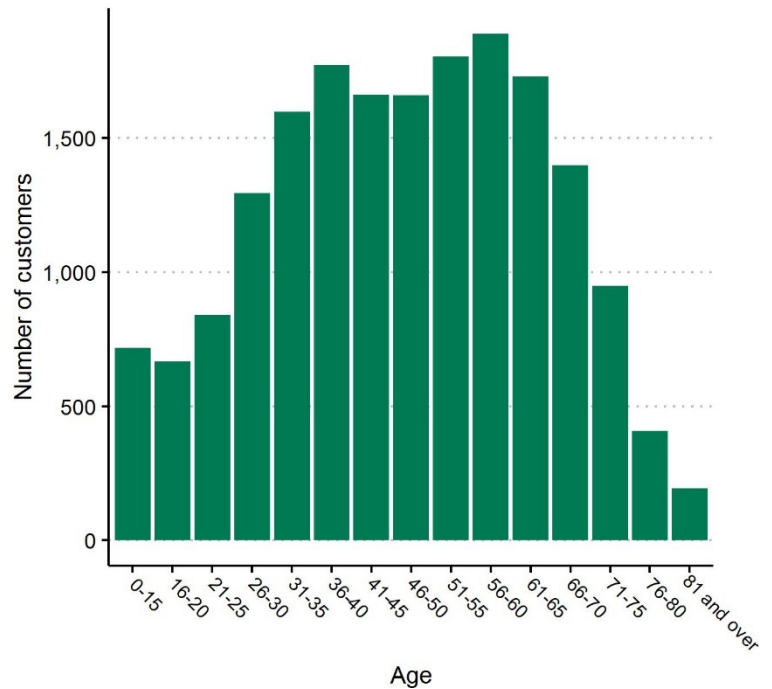
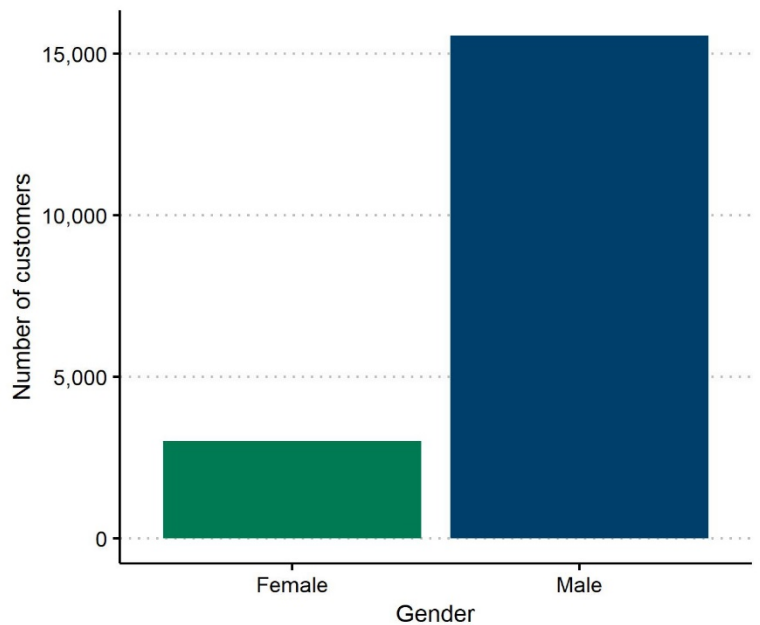


Figure 10. Guide customers by age.

Gender distribution of guide customers

Jan 2020 - Dec 2022



*Less than 1% of customers identified as non-binary.

Figure 11. Guide customers by gender.



Home counties of WA guide customers

Jan 2020 - Dec 2022

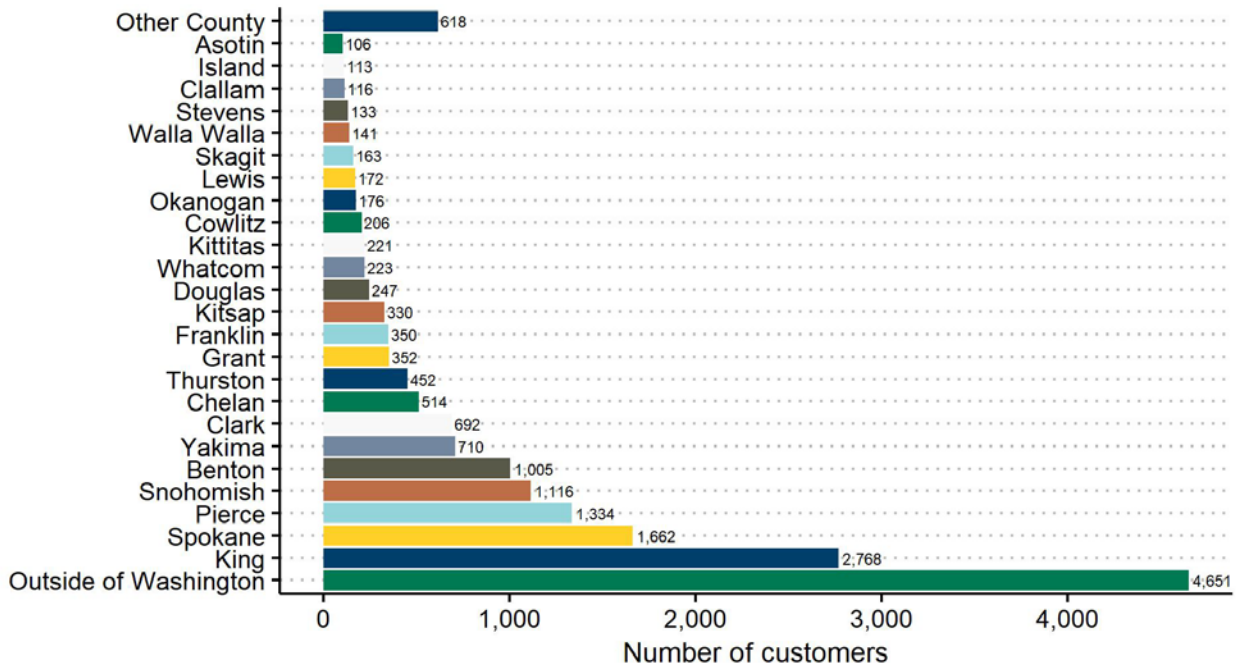


Figure 12. Guide customers by county of residence.

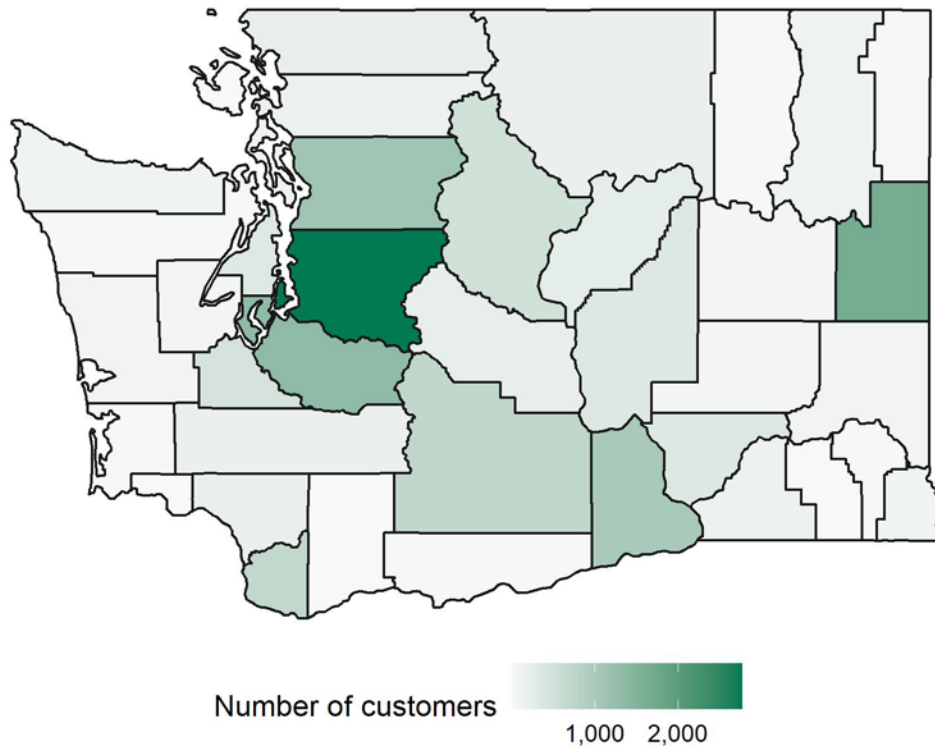


Figure 13. Map of home counties of Washington guide customers.



Home states of WA guide customers

Jan 2020 - Dec 2022

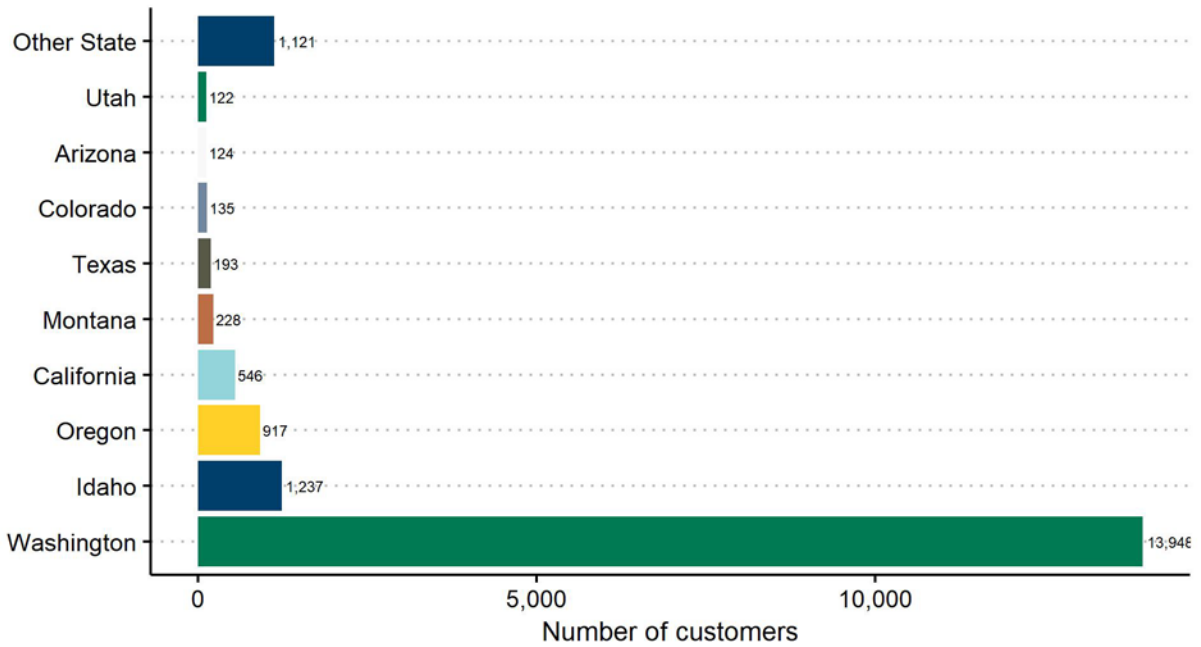


Figure 14. Guide customers by home state.

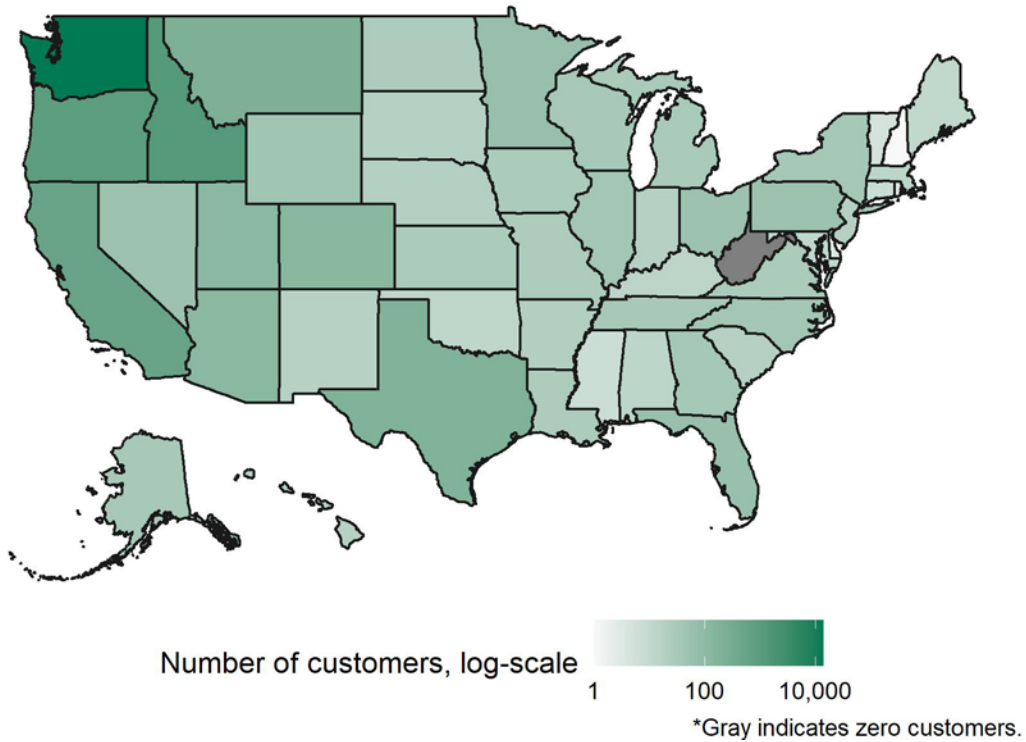


Figure 15. Map of home states of Washington guide customers.



License Purchase Patterns

To study the contribution of guided fishing opportunities to the recruitment of new anglers, we pulled records of past fishing license purchasing patterns for each customer between 2012 and 2022. We assigned customers to one of three groups:

- New anglers – customers who only have a single license purchase.
- Inconsistent anglers – customers who have purchased licenses in multiple years but not all years.
- Loyal anglers – customers who have purchased licenses in all years.

Number of customers by license purchase history

Jan 2020 - Dec 2022

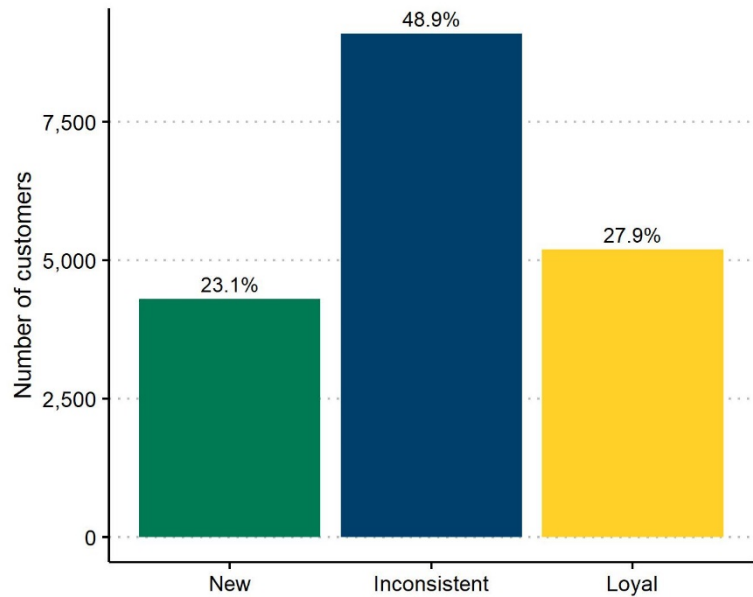


Figure 16. Guide customers by license purchase history.

Twenty-three percent of customers were new anglers, 49 percent were inconsistent anglers, and 28 percent were loyal anglers (Figure 16). The Columbia River served proportionally more new customers relative to other parts of the state while customers in the North Coast were more likely to be loyal customers, those who buy a fishing license

Number of customers by license purchase history

By guide area, Jan 2020 - Dec 2022

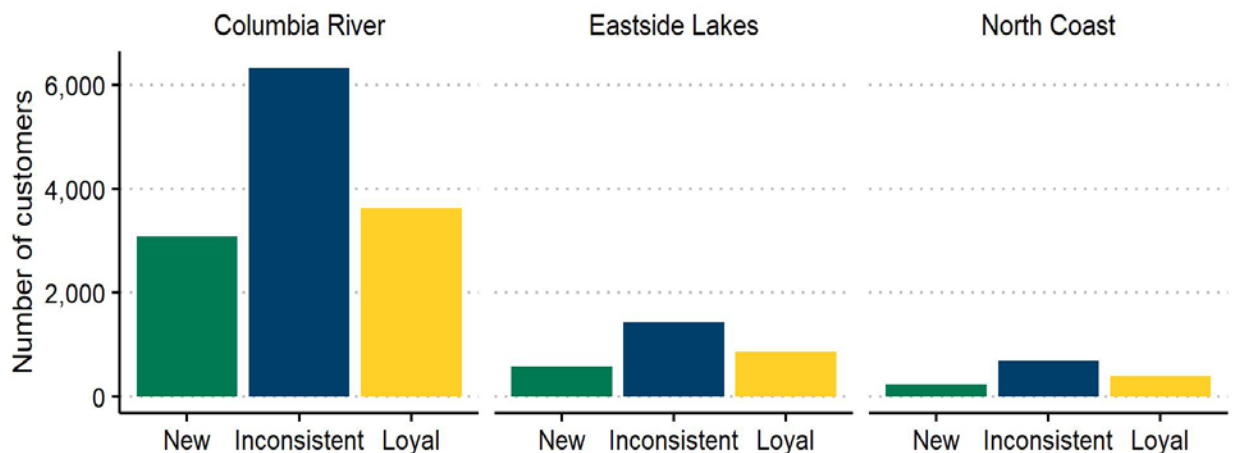


Figure 17. Guide customers by license purchase history and guide area.



every year (Figure 17). These shares are roughly consistent with statewide patterns across all license holders (25 percent new, 50 percent inconsistent, 25 percent loyal)

Guides play an important role in R3 by providing an entry point for new anglers into the sport. Among the 1,465 new angler guide customers in 2020, 38 percent purchased a fishing license in 2021 suggesting retention of recruited anglers. For Washington new angler guide customers in 2020, the retention rate was 51 percent. Retention was weaker in 2021. Among 1,682 new angler guide customers in 2021, only 20 percent purchased a fishing license in 2022 (27 percent among Washington customers).

What are people fishing for on guided fishing tours?

Guides and their customers targeted a variety of species across the state. Selected encounters data is presented by guide area and species (Table 5).

Table 5. Encounters by top 5 species and guide area.

Guide Area	Species Caught	Total Encounters	Total Retained	Total Released
Columbia River	Rainbow Trout	9396	75	9321
	Sockeye	7778	7771	7
	Chinook	3968	3449	519
	Walleye	3809	3330	479
	Smallmouth Bass	3250	826	2424
Grays Harbor	Coho	782	614	168
	Chinook	19	15	4
	Steelhead	3	3	0
	Chum	3	0	3
North Coast	Steelhead	813	35	778
	Coho	411	169	242
	Chinook	204	130	74
	Coastal Cutthroat	177	0	177
	Dolly/Bull Trout	98	0	98
Puget Sound	Dolly/Bull Trout	197	0	197
	Coho	169	152	17
	Chinook	128	106	22
	Coastal Cutthroat	38	0	38
	Steelhead	32	6	26
Westside Lakes	Chinook	759	724	35
	Kokanee	427	408	19
	Smallmouth Bass	346	0	346
	Rainbow Trout	33	27	6
	Sockeye	26	26	0
Eastside Lakes	Kokanee	2889	2889	0
	Walleye	2724	2616	108
	Lake Trout	1020	1017	3
	Rainbow Trout	481	390	91
	White Sturgeon	310	25	285





Next Steps

Recent revisions to the logbook reporting rule will allow us to enforce the logbook reporting rule more efficiently and effectively. Agency staff are also considering ways to simplify the mobile reporting tool to encourage its use. These changes, along with focused education with guides to encourage migration to the mobile reporting platform is anticipated to support a compliance rate increase in the coming year.

Further, the WDFW team is working with our Fishing Guide Advisory Committee to develop a survey of Washington guides. This survey will be intended to gather additional information not possible to gather through the logbook program, including rates charged to customers, outside employment, lengths of guiding seasons, and participation in guiding in other states.



Appendix 1: WAC 220-352-245

WAC 220-352-245

During the summer of 2019, the Fish & Wildlife Commission adopted rules requiring guides to fill out logbooks to record data on their fishing activity. The rule went into effect Jan. 1, 2020. See WAC language below:

Reporting required of licensed food fish, game fish and combination fishing guides.

(1) Licensed food fish, game fish and combination fishing guides shall maintain a daily logbook of guiding activity to include:

- (a) Guide name and license No. for the guide leading the trip;
- (b) Date that fishing took place. For multiday trips, each day is considered a separate trip;
- (c) Specific name of river, stream, or lake fished;
- (d) Site code of site fished as referenced within a list provided to each guide. If multiple sites are fished on the same day, each site is considered a separate trip;
- (e) Client, "comped angler" and crew current fishing license number (wild ID No.) for each person on board if required to have a license or catch record card. A comped angler is an angler that fishes without charge;
- (f) Indicate if person was a crew member or if angler was "comped";
- (g) Species kept or released. For salmon and steelhead specify origin (hatchery, wild) and life stage (adult, jack).

(2) Logbooks are required to be completed for each trip before offloading any fish from the vessel or if no fish were kept, complete the logbook before leaving the site.

(3) Report of daily guiding activity shall be made using the department's paper logbook or online reporting application. Logbook pages must be provided to the department or postmarked within ten days following any calendar month in which the guiding activity took place.

(4) Each day of fishing that occurs on a designated WDFW licensed guide fish vessel will be required to be recorded in the logbook. This includes any personal use or nonguided fishing trips that occur.

(5) Information collected under this section may be exempt from public disclosure to the extent provided under RCW 42.56.430.



(6) Failure to report any guiding activity listed in subsections (1) through (4) of this section is an infraction, punishable under RCW 77.15.160.

(7) A fishing guide, or person under the control or direction of a fishing guide, that submits false information is guilty of a gross misdemeanor, punishable under RCW 77.15.270.



Appendix 2: Guide Advisory Committee

Fishing Guide Industry Ad-Hoc Advisory Group Members Contact List

Name	Affiliation	Email
Jeff Brazda	Brazda's Guide Service	jeff@brazdasflyfishing.com
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Patric Gaffney	Gaffney's Guide Service	pgaffney253@gmail.com
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Blake Merwin	Gig Harbor Fly Shop	flyfishingblake@gmail.com
Roy Morris	Able Guide Service	able@olypen.com
Jan Patricio	Retired guide	jgp.private@gmail.com
Keith Robbins	A Spot Tail Fishing Guide	flymooch@aol.com
Toby Wyatt	Reel Time Fishing	twyatt1973@gmail.com
Levi Zoller	Zoller's Outfitting	zollerlevi@gmail.com



Appendix 3: Reporting Tools

Paper Logbook

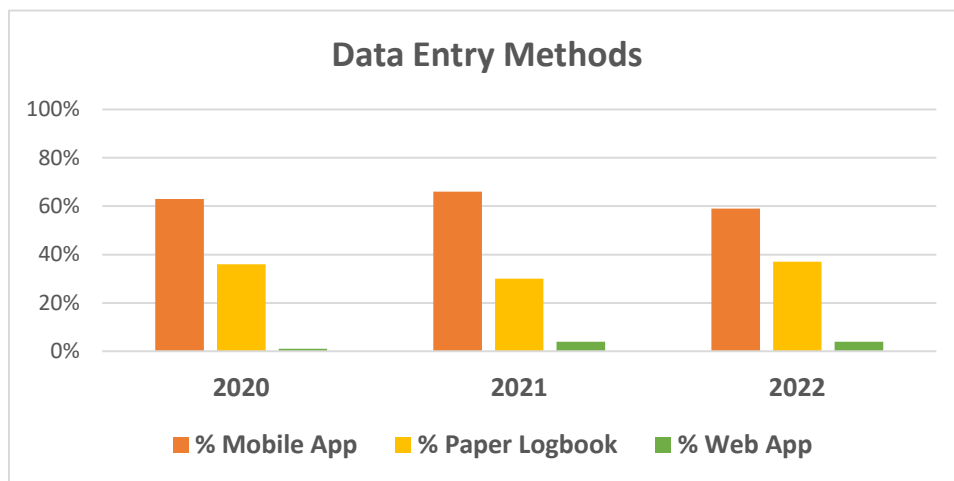
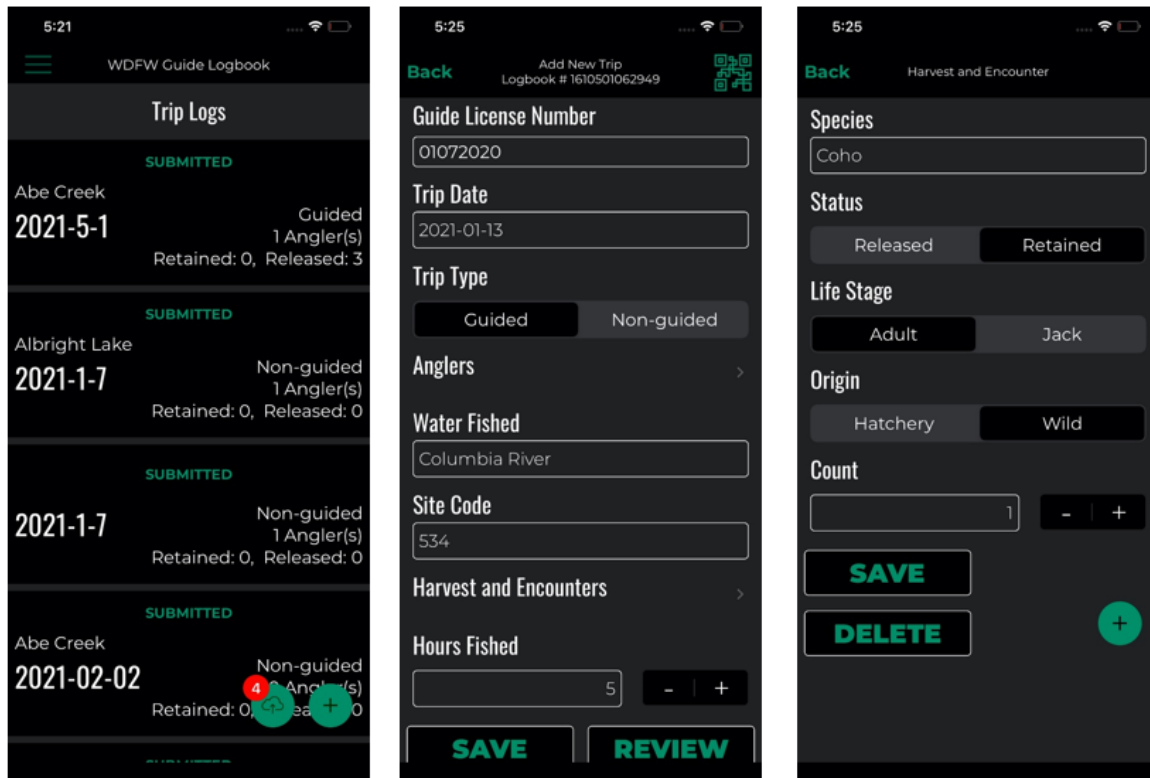
The paper logbook was printed into booklets of 30 carbon copied blank trip logs in a hard card waterproof binding. Along with the blank trip logs, the logbook includes reporting and return instructions. The sample below shows what a trip log looks like.

Washington Department of Fish & Wildlife		SAMPLE						*****	
GUIDE LOGBOOK		(FOR WDFW RECORDS ONLY) DATE RECEIVED: _____							
TRIP DATE: <i>Month / Day / Year</i>	CHINOOK		COHO		STEELHEAD				
GUIDE LICENSE #: <i>License #</i>	RETAINED	RELEASED	RETAINED	RELEASED	RETAINED	RELEASED	RETAINED	RELEASED	
TRIP TYPE: GUIDED / NON-GUIDED	ADULT / HATCHERY	1	#	ADULT / HATCHERY	#	3	ADULT / HATCHERY	2	
WATER FISHED & COUNTY: <i>Washougal Hatchery on Washougal River</i>	JACK / HATCHERY	1	#	JACK / HATCHERY	5	1	JACK / HATCHERY	2	
SITE CODE: <i>663</i>	ADULT / WILD	#	1	ADULT / WILD	#	#	ADULT / WILD	#	
HOURS FISHED: <i>8</i>	JACK / WILD	#	#	JACK / WILD	#	#	JACK / WILD	2	
CUSTOMER WILD ID OR GUIDE STAMP #: <i>ID #</i>	RAINBOW		COASTAL CUTTHROAT			STURGEON			
ANGLERS WILD ID #: _____ PAID? _____	RETAINED	RELEASED	RETAINED	RELEASED	RETAINED	RELEASED	RETAINED	RELEASED	
<i>Angler Wild ID #</i> _____ Y <input checked="" type="radio"/> N <input type="radio"/>	HATCHERY	1	#	HATCHERY	#	1	HATCHERY	1	
<i>Angler Wild ID #</i> _____ Y <input checked="" type="radio"/> N <input type="radio"/>	WILD	#	#	WILD	#	#	WILD	1	
<i>Angler Wild ID #</i> _____ Y <input checked="" type="radio"/> N <input type="radio"/>	WALLEYE		LARGEMOUTH BASS			SMALLMOUTH BASS			
<i>Angler Wild ID #</i> _____ Y <input checked="" type="radio"/> N <input type="radio"/>	#	RELEASED / RETAINED	2	#	RELEASED / RETAINED	#	1	RELEASED / RETAINED	
<i>Angler Wild ID #</i> _____ Y <input checked="" type="radio"/> N <input type="radio"/>	SPECIES NOT LISTED ABOVE								
	SPECIES: <i>Add if applicable</i>	SPECIES: <i>Add if applicable</i>	SPECIES: <i>Add if applicable</i>						
	4	RELEASED / RETAINED	#	#	RELEASED / RETAINED	1	2	RELEASED / RETAINED	
	CERTIFICATION: I certify that the information provided on this form is true. Falsification or omission of information is punishable under RCW 77.15.020 WAC 220.352.245				SIGNATURE: <i>Your Signature</i> PRINTED NAME: <i>Your Name</i>				
					EMAIL: <i>Your Email</i>				



Mobile Reporting Application for Android and iPhones

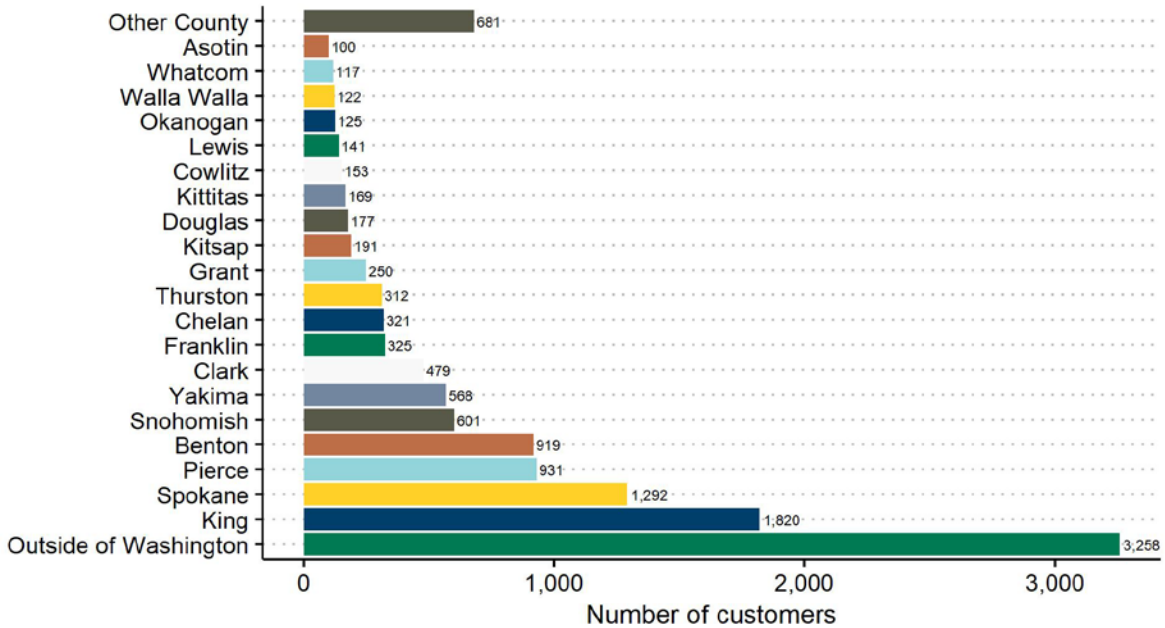
The mobile application includes the basic trip log function as well as a main page which lists draft reports. The mobile app allows guides to log trip data as they go and if they don't have service, it allows them to save data and sync reports when they get back into service range. The screen shots below show what the mobile WDFW Guide Logbook application looks like.



Appendix 4: Additional Figures by Guide Area

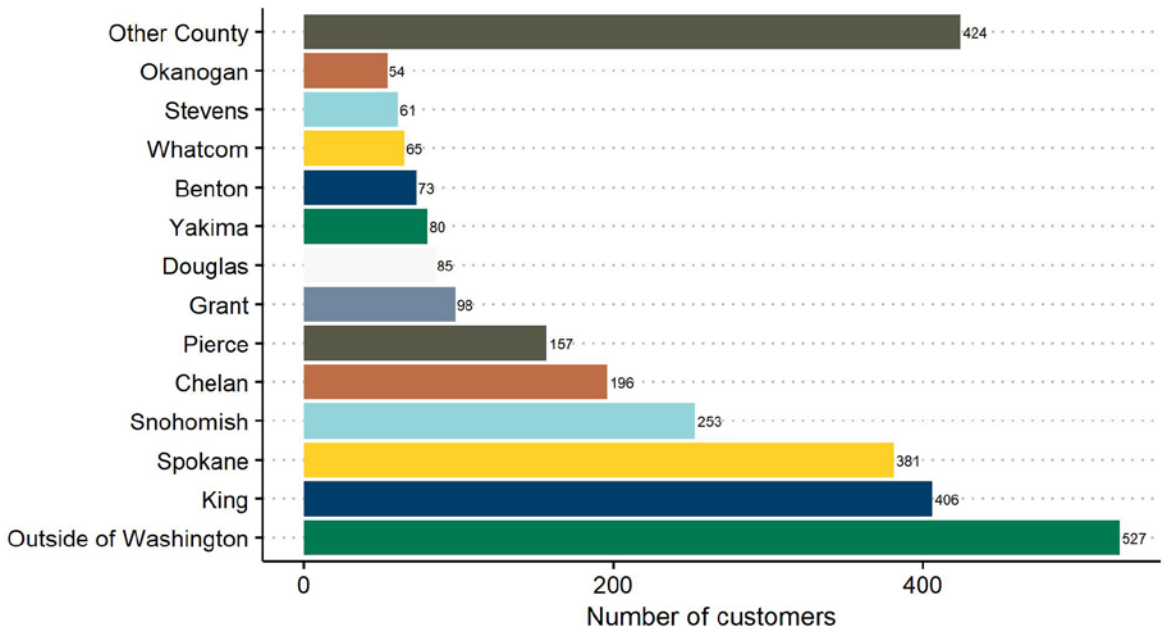
Home counties of WA guide customers

Columbia River, Jan 2020 - Dec 2022



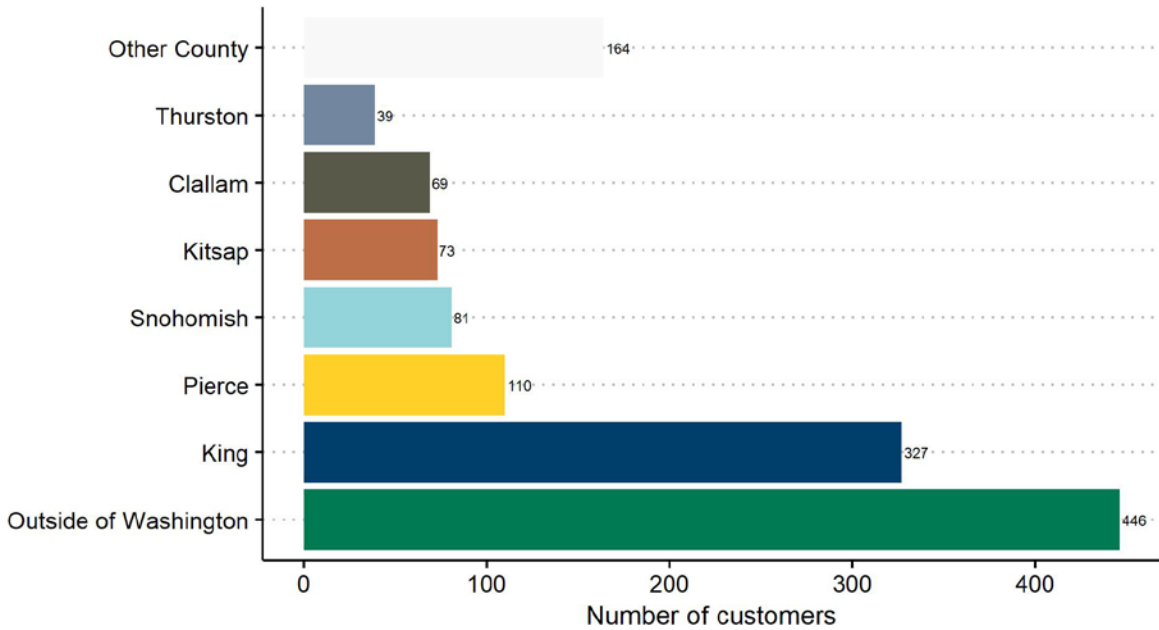
Home counties of WA guide customers

Eastside Lakes, Jan 2020 - Dec 2022



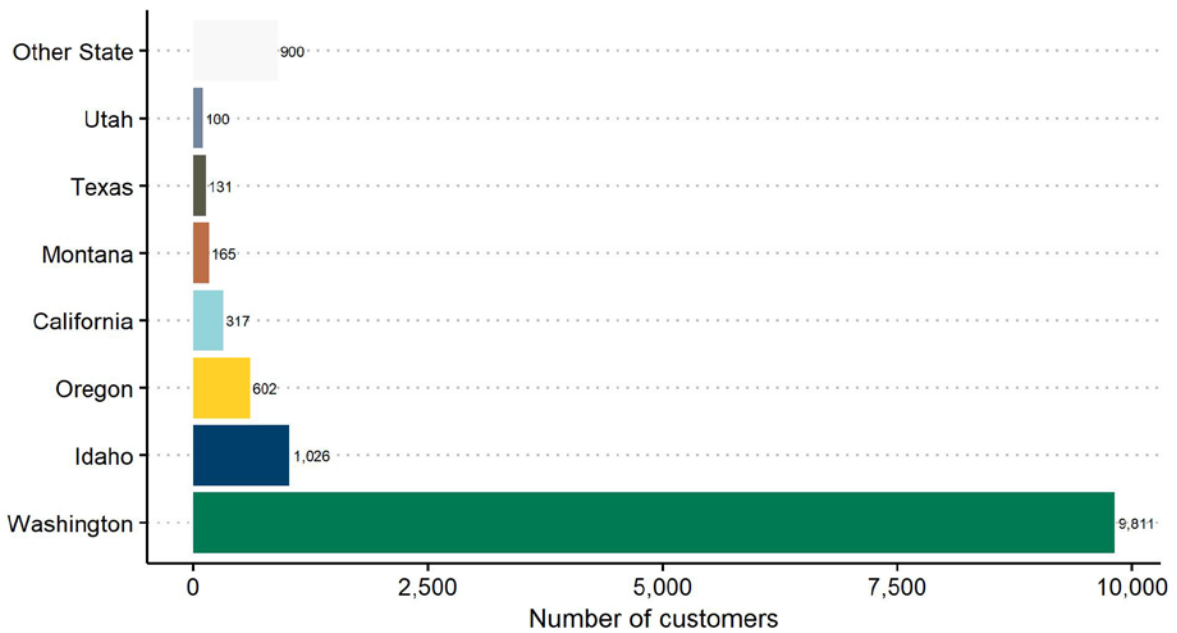
Home counties of WA guide customers

North Coast, Jan 2020 - Dec 2022



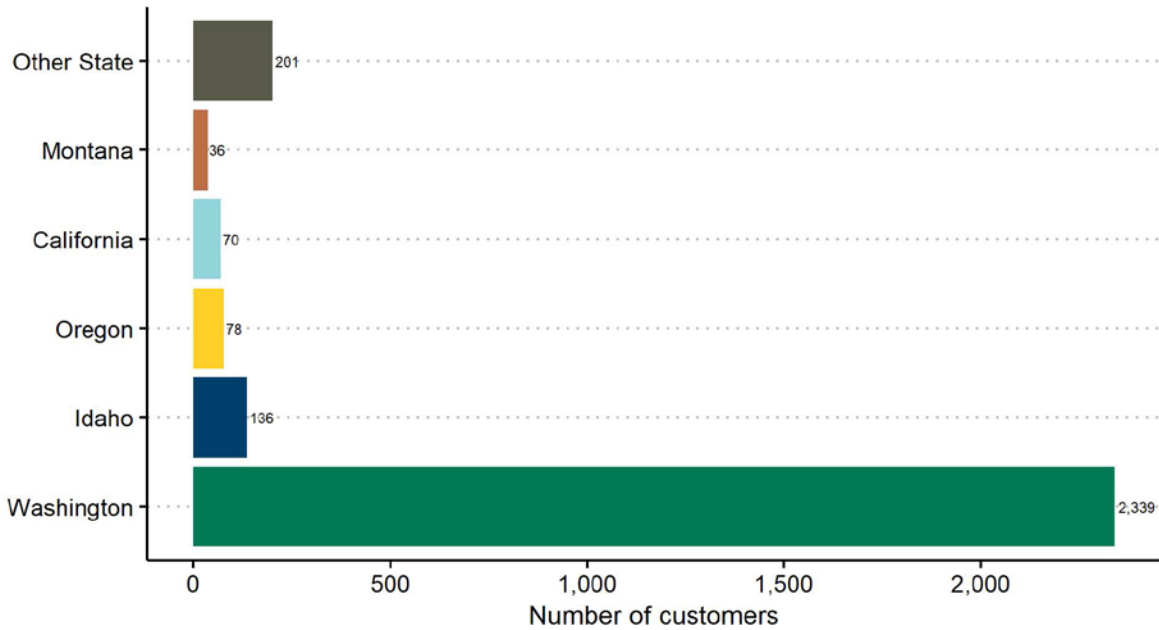
Home states of WA guide customers

Columbia River, Jan 2020 - Dec 2022



Home states of WA guide customers

Eastside Lakes, Jan 2020 - Dec 2022



Home states of WA guide customers

North Coast, Jan 2020 - Dec 2022

