



2019 Online Angler Survey

Swan Valley Sport Fishing Enhancement Inc.

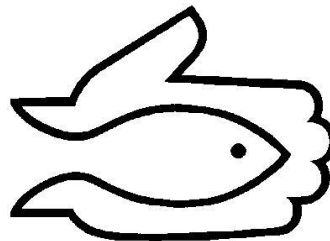
Submitted by: Megan Paterson

Reviewed by: Holly Urban & Brock Koutecky

November 2019



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Online Angler Survey Feedback

2019 Online Angler Survey Summary:

SVSFE understands the importance of qualitative data and incorporating angler's insight into potential management objectives. In 2015, a survey questionnaire was created and conducted in-person by a summer student (through a Service Canada grant) as well as an online submission option. The following years, 2016-2019 were continued with completely online submissions. There was a noticeable spike in entries when posts and reminders were released online. 2019 brought a whopping 78 surveys strictly from boosts and promotion on Facebook. Online submissions were made available on the SVSFE website throughout the winter of 2018 continuing until the end of October 2019. Partnerships made with FLIPPR and Roblin Economic Development increased the study area into the Parkland region to provide extended insight and feedback from anglers. Promotion through social media was the main contributor to receiving entries. The following is a review from surveys received.

Angler demographic/Area use specifics:

Seventy-eight angler surveys were completed in 2019 and of these, 82% of the anglers resided in Manitoba, followed by Saskatchewan (13%), the United States (4%) and Alberta (1%) (Figure 1). Figure 2 represents the towns/cities in which anglers resided. The concentration of anglers is within a 425 km radius. Not pictured is an Alberta resident from Redwood Meadows (940 km). The USA residents not pictured range from Billings, MT (840 km), Arcadia, WI (1,085 km) and Columbia, MI (1,565 km).

Of the 64 Manitoba residents, surveys received from each area are as follows: Swan Valley (25), Winnipeg (12), Brandon (8), Dauphin (6), Plumias (2), Roblin (1), Glenboro (1), Notre Dame de Lourdes (1), Bredenburg (1), Zhoda (1), Niverville (1), Birtle (1), Saint Claude (1), Oakbank (1), Newdale (1), Lorette (1), Flin Flon (1) and Ashville (1). From the Saskatchewan side: Yorkton (2), Regina (2), Saskatoon (2), Springside (1) and Melville (1). Received from Alberta: Redwood Meadows (1). Lastly, the USA: Billings, MT (1), Arcadia, WI (1), and Columbia, MI (1). Of these anglers, the majority possessed regular fishing licenses (60%), followed by conservation licenses (32%), youth licenses (4%), senior licenses (3%) and other (1%).

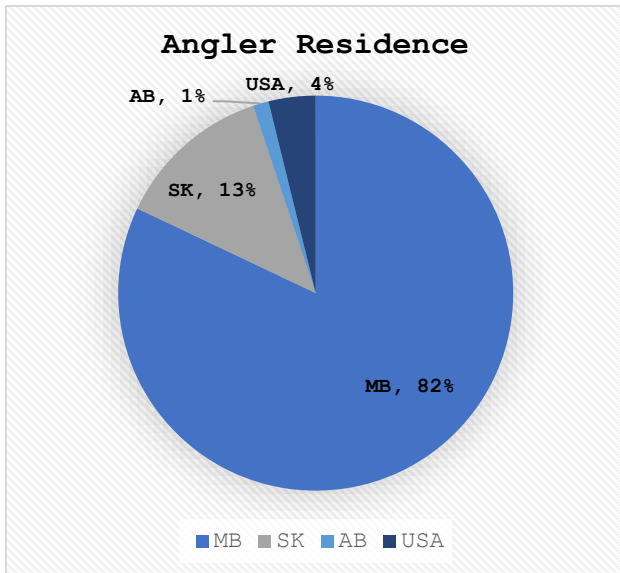


Figure 1

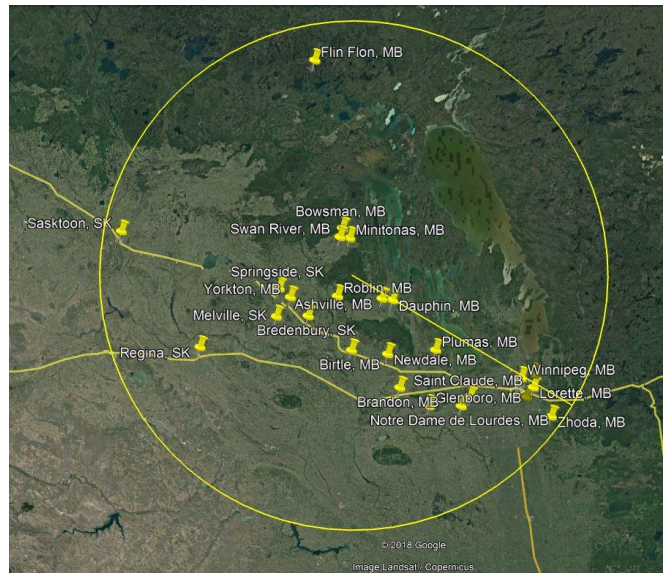


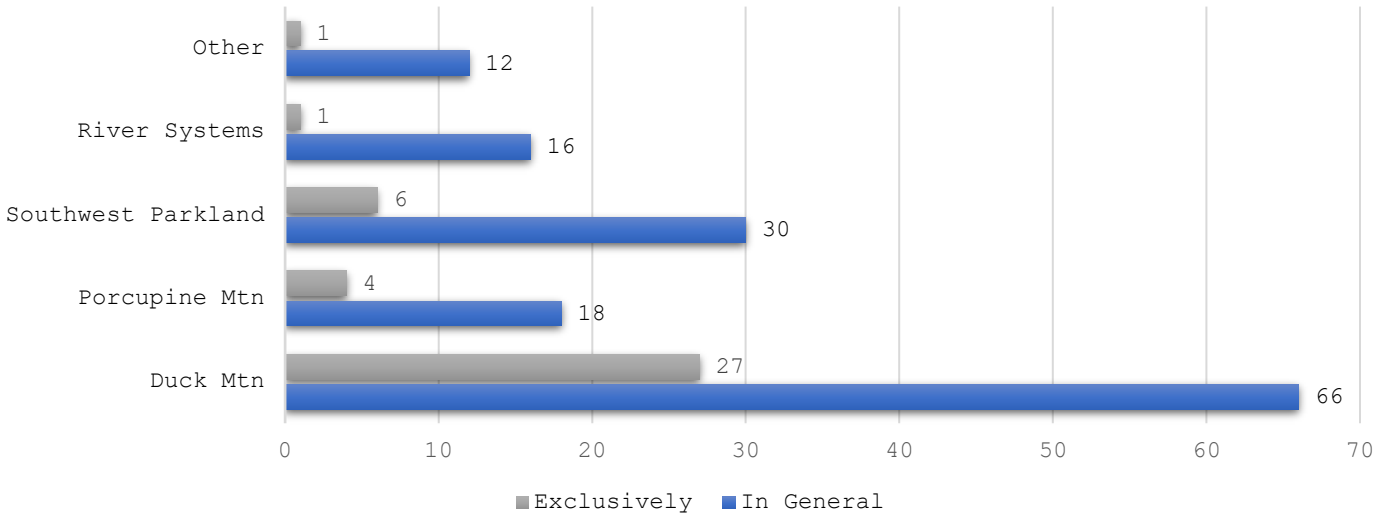
Figure 2

Online Angler Survey Feedback

Angler demographic/Area use specifics cont'd:

First topic on the survey asks anglers which area they usually fish. Options were the Duck Mountains, the Porcupine Mountains, the Southwest Parkland, River systems and Other. Most frequented was the Duck Mountains followed by the Southwest Parkland, Porcupine Mountains, River Systems and Other.

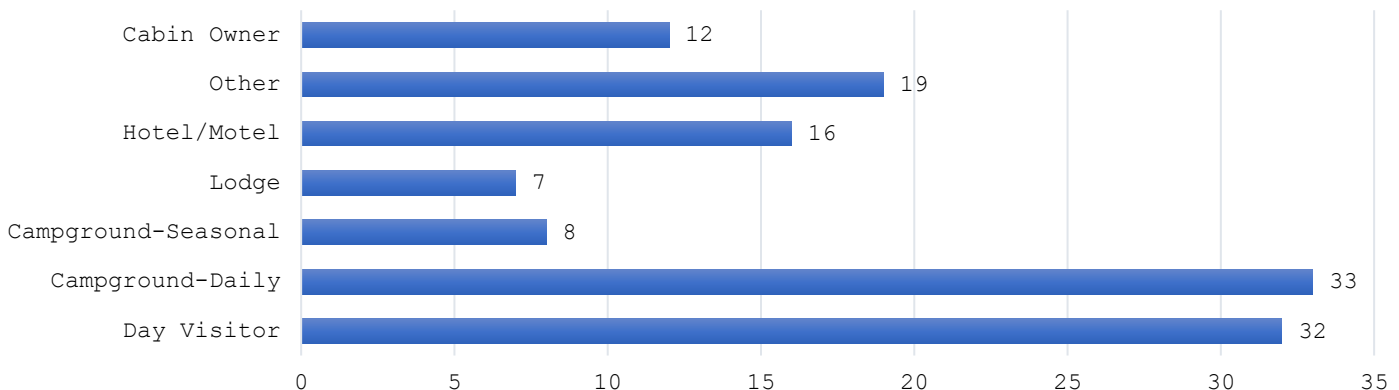
Areas Fished in the Parkland



Anglers who visit the Duck Mountains exclusively do so an average of 31 times a year (range 1-200). Anglers exclusively visiting the Southwest Parkland do so an average of 5 times/year (range 1-15). Porcupine exclusive anglers visit an average of 31 times a year (range 12-187).

When it comes to accommodations anglers utilize campgrounds the most, followed by day trips and other accommodations not listed. Twelve out of 78 anglers were cabin owners. Angling was identified as the primary reason for visiting the Parkland by 92% of surveys while the remaining 8% were visiting as campers and hunters.

Accommodations Utilized While in the Parkland

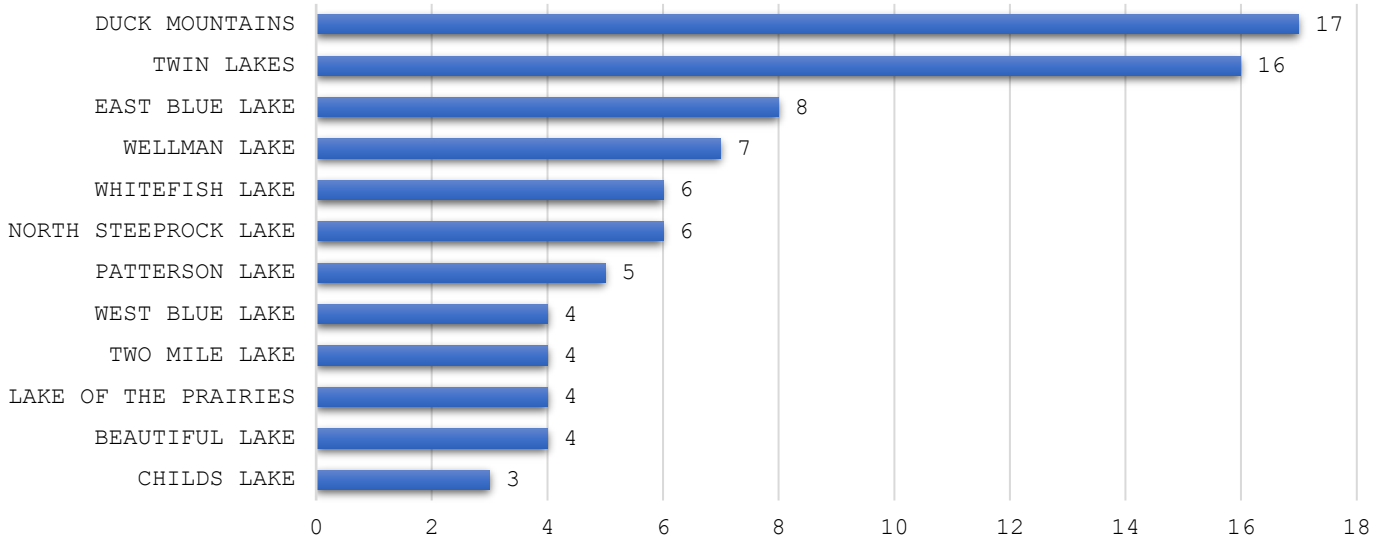


Online Angler Survey Feedback

Angler demographic/Area use specifics cont'd:

Anglers declared the Duck Mountains as the favourite fishing destination of the Parklands, closely followed by Twin Lakes.

Favourite Fishery



On average, anglers are spending \$300 per fishing trip and \$3,000 annually. Angler demographic plays a big role in how much is spent per trip and year (see Table 1). Anglers are fishing (not just in the Parkland) an average 64 days/year (range 5-300)

Table 1: Money spent by anglers according to demographic

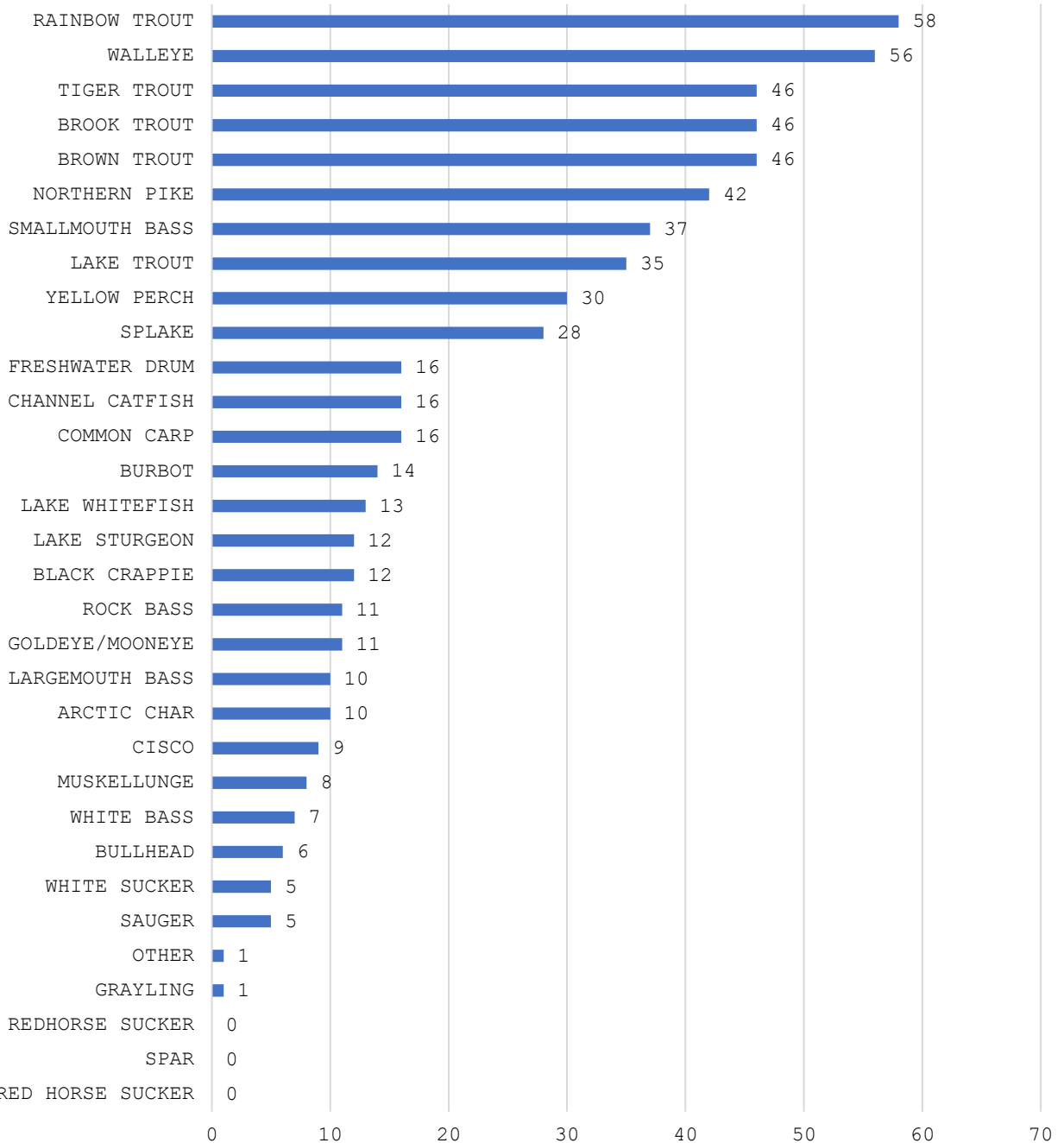
	Anglers living in or close to the Parkland	Anglers living 100km+ from the Parkland	Out of Province Anglers	Out of Country Anglers
Range \$ Spent Per Trip	\$10-500	\$30-750	\$30-700	\$700-1,700
Range \$ Spent Per Year	\$100-30,000	\$100-12,000	\$500-7,000	\$2,000-6,000

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General Fishing Inquiries:

Generally, anglers are retaining 16% of their catch in the Parkland. Interestingly, retain/release ratios differed amongst area exclusive anglers. Duck Mountain exclusive anglers retain approximately 22% of their catches and Porcupine Mountain exclusive anglers retain approximately 36% of their catch. Parkland exclusive anglers are only retaining 3%. Anglers are targeting stocked waterbodies the most, closely followed by natural recruiting lakes and then river/streams. The top sought after fish species was rainbow trout, closely followed by walleye.

Top Sought After Species

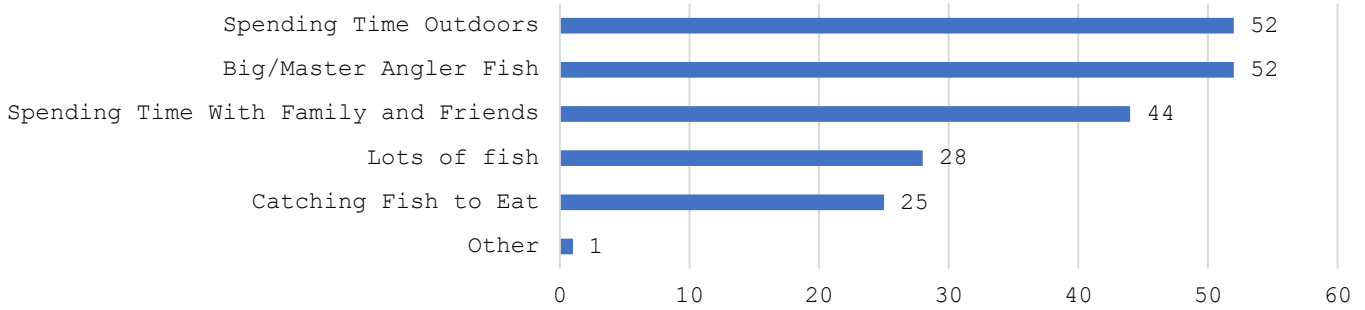


Online Angler Survey Feedback

General Fishing Inquiries cont'd:

Anglers had multiple fishing expectations while in the area. Most common were spending time outdoors and catching big/master angler fish.

Fishing Expectations



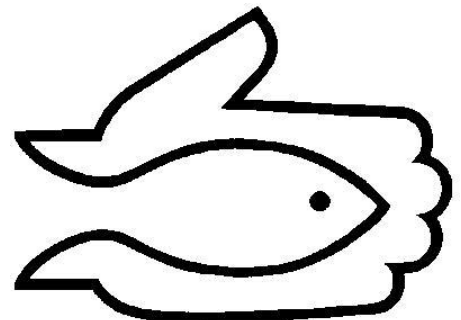
Anglers utilize different fishing tactics besides regular rod/reel in the Parkland such as ice fishing and fly fishing. Patrons are going ice fishing (49%) and fly fishing (12%) and both ice/fly fishing (33%). Other activities listed were minnow trapping, dip netting, bow fishing and spear fishing. Regarding enforcement presence, 71% of anglers have been checked at some point while visiting the Parkland while 29% have never been checked. Checks per year average at 3 and range from 1-25.

Fish Enhancement Awareness:

Approximately 96% of individuals were previously aware of the Fish and Wildlife Enhancement Fund and 97% supported those initiatives. Ninety-two percent of individuals were previously aware of SVSFE and of those, 97% supported their initiatives. Individuals were asked if they would consider contributing to the FWEF stamp even if they were exempt (ie. Senior) from purchasing a license and 92% were in favor.



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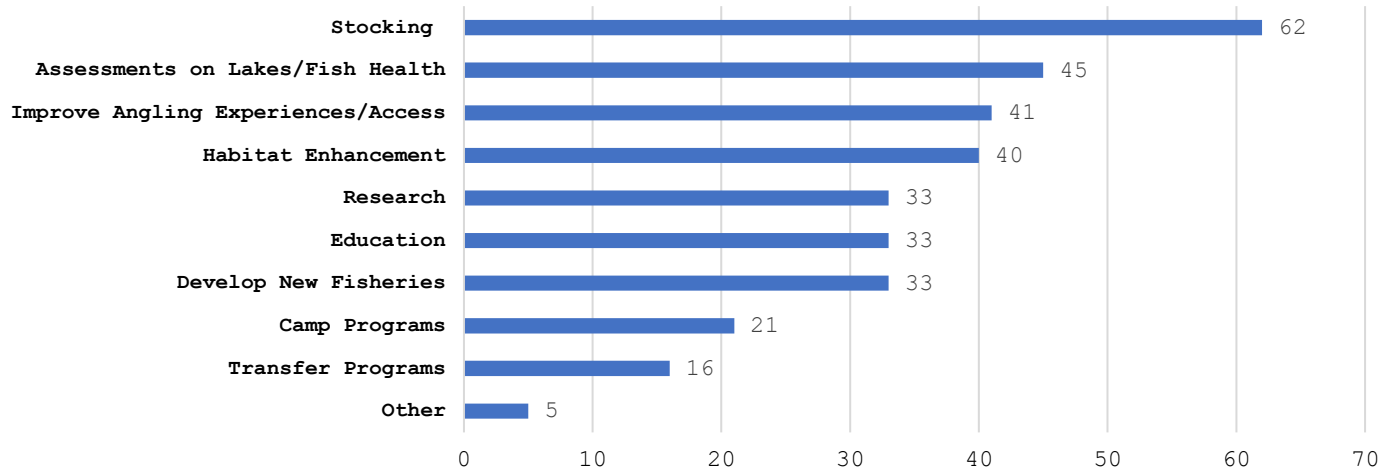


Online Angler Survey Feedback

Projects and Activities:

The most common project/activity supported by anglers was to continue stocking fish. This has been the most supported project every year since this survey was initiated in 2015. This shows a strong awareness of the significant role our hatcheries play in recreational fishing, further signifying the importance of efficient and practical stocking practices. Besides stocking, anglers are also very supportive of assessments on lake/fish health and improve angling experiences/access.

Projects/Activities Anglers Would Like To See More Of



Anglers were given the opportunity to specify activities they'd like done or issues they face. A full list of suggestions can be viewed in the appendix, but a few examples included:

- ✓ More trout stream development
- ✓ Start stocking Splake again and consistent plan to maintain regular stocking into future , esp to Laurie Lake and other lakes with splake.
- ✓ Crack down on anglers who abuse the lakes and go over limits
- ✓ Create a slot size for East Blue lake walleye. Stop the spear fishing at East Blue lake.
- ✓ Develop a Black Crappie fishery and possibly another smallmouth fishery around the Parklands. Stock more Splake.
- ✓ I would like to see new backcountry lakes developed. Too many lake are too easy to get to and are getting over pressured
- ✓ West blue lake is tough to access and could be packed with a gravel road if the water drops a foot
- ✓ Splake/lake trout identification signs on Laurie lake(a lot of 26 plus inch lakers are taken out of there) Tighter lake trout regulations for Childs, East Blue, Laurie. Stocking in Gull and East Blue will take alot of pressure off of Laurie and Beautiful, kind of like how it was in the mid 90s
- ✓ have catch and release only for brook trout on West Blue Lake. Preferably catch and release all trout(excluding rainbows) in the duck mountains
- ✓ The parklands is a world class trout fishery. Ensure that perch blooms do not get out of hand like Persse Lake.
- ✓ Has SVSFE ever considered local amateur fishing tournaments? Maybe one on ice and one on open water per year, feature different lakes each year? Could be a fun fundraiser with good prizes, and gives ability to promote specific fisheries?

Online Angler Survey Feedback

On a lighter note, some complimentary quotes towards efforts to date:

- ✓ Parklands trout lakes are an international fly fishing treasure. A larger commitment to creating, managing and protecting them is sure to pay off. I make annual trout fly fishing trips to the Rocky Mountains and New Zealand, so I am familiar with quality fishing. As a retired fisheries biologist, I know the potential that exists in the Parklands.
- ✓ You guys are doing amazing work.
- ✓ Keep it up, SVSFE
- ✓ Keep up the great work!
- ✓ Your group is really good! Met several of the biologists and board members. I would like to donate time & money to your organization.
- ✓ You guys do great work. Keep it up
- ✓ Continue doing more of what's already being done (very good!)
- ✓ Doing a great job. Education is key.
- ✓ I would like to thank svufe, mb fisheries, game and fish, flippr, landowners, lodge owners, and all other contributors to making the parkland a fantastic area for fishing enthusiasts and for always striving to make it even better. My hats off to you
- ✓ Keep up the great work folks!!
- ✓ Thanks for giving us the opportunity to fill out your survey. This only will better our fishery.
- ✓ u guys do a great job keep up all the good work!!!

In addition to the general questionnaire, anglers have access to a daily catch form. Entries were received from all areas of the Parkland. Individual surveys should be reviewed in the appendix as each fishery is unique. Average fishing quality for the Parkland was 5, with ten being the highest quality. Average hours spent fishing was 4 and average catch was 1 fish/hour with a 89% release rate.

Online Angler Survey Feedback

Conclusion:

In summary, out of 78 surveys completed in 2019, 82% of anglers were from Manitoba, 60% possessed a regular license and declared the Duck Mountains as the most frequented area visited. Between all Parkland areas, anglers are visiting on average 29 times/year and spending \$3000 annually. When asked, in general, how often anglers fished, the response equated to 64 times/year (equal to 5 days out of a month). When relating the minimum cost stated per fishing trip (\$10), this would equate to a minimum investment of \$640/angler/year into Manitoba's recreational angling. The majority of anglers are staying in campgrounds when visiting closely followed daily visits to the area. The Duck Mountains was declared as the most favourite fishing destination. Anglers are looking to spend time outdoors and catch big/master angler fish when heading to the Parkland. Rainbow trout was once again the top sought after species for the 4th year in a row. Fisheries enhancement initiatives were highly supported both on provincial and local levels. In addition, there was a high support towards contributing to the FWEF stamp even if anglers were exempt from purchasing a license. This initiative would be similar to other provinces where all anglers must purchase a stamp and contribute to a "fisheries initiative fund". The most common practices anglers would like completed is the continuation of fish stocking, assessments on lake/fish health and the development of new fisheries.

Increasing participants is the ultimate goal when collecting survey information. Every year the recommendation from technicians is to continue using frequent social media boosts to increase numbers. In 2019, SVSFE received the most online surveys to date. There is a strong correlation between the days online boosts occurred and the amount of surveys received. It is evident, angler input is beneficial to the fishery world. These are the eyes, the ears, the hands on the water. They are the reason organizations such as FLIPPR, ISFE, SVSFE, FWEF, Parkland Paradise, etc exist.



Online Angler Survey Feedback

Acknowledgements:

A special thank you to the organizations who supported this year's survey; Municipality of Roblin, Municipality of Rossburn, Intermountain Sport Fishing Enhancement, Fish and Wildlife Enhancement Fund, local lodges and outdoor/fishing shops. SVSFE would also like to express gratitude to those anglers who took the time to fill out angler surveys and tagged fish returns over the years. This signifies a true investment into Parkland fisheries and we ask you to continue sharing and spread the word! We need more anglers informed on how important it is to have managers aware of what fisherman are experiencing. Quality data aids in providing quality management. Quality management ensures sustainable and high-quality fisheries for current and future Parkland users.

2019 Online Angler Survey Winners:

- 1st - Brian Minish (Swan River, MB) - GPS/Sonar from Sticky's Bait & Tackle (\$500)
- 2nd - Jill Shaw (Swan River, MB) - \$200 Fishing Gear from Ace Hardware
- 3rd - Trevor Hominick (Brandon, MB) - \$150 Gift Certificate to Parkland Boat Rentals (donated by the Municipality of Roblin and Municipality of Rossburn)
- 4th - Robert Stock (Swan River, MB) - \$100 Gift Certificate to Ace Hardware



1st Place- Brian Minish



2nd Place- Jill Shaw

Online Angler Survey Feedback

Appendix:

Angler Suggestions, Comments, Concerns (unedited and uncensored)

- Aeration and/or limited harvest to create more trophy lakes like Patterson
- Parklands trout lakes are an international fly fishing treasure. A larger commitment to creating, managing and protecting them is sure to pay off. I make annual trout fly fishing trips to the Rocky Mountains and New Zealand, so I am familiar with quality fishing. As a retired fisheries biologist, I know the potential that exists in the Parklands.
- More trout stream development
- STOCKING LAURIE AND CHILDS
- Laurie and childs have not been stocked with lake trout or splake in a significantly long time and these fisheries have been reduced to almost nothing. It is a shame the government would let it go like this and I am very disappointed in the fisheries branch of this province
- STOCKING CHILDS AND LAURIE
- Trout fishing has been terrible and getting worse every year in the lakes
- Crack down on anglers who abuse the lakes and go over limits
- More NRO Stops. Too much being taken out of these lakes unfortunately. Maybe have smaller limits for all parties if possible including Métis, and status
- Seems SVSF has been trying for ever to stock Glad with Char. Forget it. Put the Rainbows and Lakers back in there.
- Getting your hands on some Musky would be amazing. You guys are doing amazing work.
- You guys do amazing work. I wish there was a way to protect some of our fisheries better from Winterkill. For example, Beautiful Lake. The fishing was incredible this summer. I would hate to lose all those amazing fish to winterkill.
- Develop a Black Crappie fishery and possibly another smallmouth fishery around the Parklands. Stock more Splake.
- More Splake/ Possible New Smallmouth/Black Crappie fisheries
- Develop successful muskie fishery. Stock more accessible arctic char lakes.
- Larger filleting shack at Wellman Lake
- Washroom at corstorphine and areation control.
- Bass Tournament Wellman Lake, Verrall Lake Road improved, Beaver Lake Road Improved, Boats stashed on backcountry lakes for public use, one or two more trout lakes in the Porcs, one more trout lake in the Wellman Area, Bass Habitat improvements Wellman (down trees), A fishing package for the Swan River, A walleye survery to determine is walleye stocking is neccessary on both Cross Lake and Fishing Lake,
- Keep it up, SVSFE
- Develop and maintain a healthy trophy black crappie lake. Mary Jane is overrun with small fish
- Keep up the great work!
- I would like to see new backcountry lakes developed. Too many lake are too easy to get to and are getting over pressured

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Appendix: Angler Suggestions, Comments, Concerns Cont'd

- I love Manitoba! Discovered 5 years ago. I have seen a steady decline in trout numbers & waters decline. I am "in" with old timers in the area & we discuss the ups & downs & management. I think in the warm water months, fly guys would fish more if smallmouth bass were established more. I got on to the smallies at Deloraine, Wellman, Rocky & Bradely. Great alternative to trout! Avid fly fisher for 40 years. Your group is really good! Met several of the biologists and board members. I would like to donate time & money to your organization.
- Lobby government of Manitoba to bring back stocking of Lake Trout to the Duck mountains.
- would like to see more stocked Walleye in the Duck mountains as well.
- Depth charts for the lakes for purchase
- I notice alot of elders having issues getting in and out of their boats at boat launches. Perhaps a handrail of some type attached to the dock could help. Also some solar lights in the cleaning shacks. You guys do great work. Keep it up. West blue lake is tough to access and could be packed with a gravel road if the water drops a foot
- Continue doing more of what's already being done (very good!). Maybe improve access roads to some lakes (i.e Verrall).
- water control structure on wellman lake to keep lake levels healthy for fish
- Wellman walleye have me so curious on there summer behaviour. Would love to know where they stack up when water gets to over 70f
- More filleting tables and stations
- People say for example "no more lake trout" mean while there is actually alot , if there is test netting done the results should be easily accessible, i know people have not gone fishing because they thought there was no more lake trout for example. When really there was a healthy population
- I fish alot of places ,i live in yorkton sask and it always surprises me how many people do not know what there is in the parkland area . Every one that i have taken has come back without me either camping or fishing . I fish the far north and everywhere in between and this area is a gem , i feel a u tube show specifically on the stock trout lakes area showing what there is to offer over the course of a year would be a great start . Average fisherman want walleye , not trout it seems , so more lakes with catchable walleye will bring in boats , even with small limits they will come if they catch alot this survey is great communication tool thanks
- I mostly Canoe/kayak fish, and sometimes find the use of motor boats on many lakes encourages heavy fishing pressure, noise, excessive wake and is unwelcoming for canoeist and kayakers.
- Access to West watajask lake for muskie. Stocking of more trout species other than rainbows into new/more lakes
- have catch and release only for Brook trout on West blue Lake. Preferably catch and release all trout(excluding rainbows) in the duck mountains
- Stop poaching at Lockport
- stock lake trout, add 1 oversize walleye to slot limit
- Expressed concern over a spear fisherman taking large walleye from East and West Blue Lake. Also concerned about Perch Lake saying there is no fish and an updated assessment is needed.

Online Angler Survey Feedback

Appendix: Angler Suggestions, Comments, Concerns Cont'd

- Doing a great job. Education is key.
- Docks and improving angling access
- Add more species: musky, black crappie, arctic char. Stock more lake trout and splake. Create new walleye or northern pike lakes. Produce more unique fisheries.
- more dock access to Twin Lakes. Or public use watercraft.
- The parklands is a world class trout fishery. Ensure that Perch blooms do not get out of hand like Persse Lake.
- Anything to help the lakes and all that is in them. Healthy ecosystems are key to good fishing.
- More depths would be great to assist in the prevention of winter kill. Keep up the good work. This is the best managed fishing areas of the province!
- Would like to see ongoing support for the musky program. Maybe initiate a largemouth bass fishery. Continue to stock and monitor the excellent trout fisheries in the ducks and porcs
- I would like to see the stocked trout lakes well maintained.
- Specifically I fished the parklands for the first time this spring on one of Phil Rowley's trips. I have mixed feelings about the fishery. The fishing on Twin Lake was very good and we caught many large Tiger Trout. However many of the other lakes in the area were not fishing well due to aerator problems along with perch and sucker invasions. I would have enjoyed a wider variety of lakes to explore in the in the region around Russell/Roblin.
- Improve access and docks on some lakes... the crappie fishery is a neat idea also
- Has SVSFE ever consider local amateur fishing tournaments? Maybe one on ice and one on open water per year, feature different lakes each year? Could be a fun fundraiser with good prizes, and gives ability to promote specific fisheries?
- Move dock from pybus lake and put at thomas lake for public access, move aeration from pybus to little jackfish or lake 400, solve patterson/tokaryk lake anomaly (winterkill patterson and prevent sucker run into lake, turn tokaryk into smallmouth fishery???), west blue launch made to accompany fluctuating lake levels, more consistent stocking of brown trout laurie lake
- I would like to thank svsf, mb fisheries, game and fish, flippr, landowners, lodge owners, and all other contributors to making the parkland a fantastic area for fishing enthusiasts and for always striving to make it even better. My hats off to you
- Restoring the once prolific Parklands lakes to their previous status.
- I regularly have been fishing the Parklands for the last 7 or so years. Seems like my success rate on almost all of the lakes I fish is rapidly decreasing. Twin, Persse, Patterson, West Goose have all seemed to have decreasing numbers. I thoroughly enjoy the area and once had great success but the last few years, it seems like numbers are seriously down, including several skunked days on the water.
- I would like to see a lake assessment on Perch Lake in the Duck Mountains, as well as some trees being removed from around the shore at East and West Blue lakes to make it easier for shore fishermen to cast. I would also like to see a dock or two being added to the Vermillion Reservoir to make it easier to launch watercraft.

Online Angler Survey Feedback

Appendix: Angler Suggestions, Comments, Concerns Cont'd

- I think it would be really awesome for the SVSF to travel to schools to educate children about what they do. I think it would be a really good way to create interest in fishing and conservation into children and ensure that future generations value and appreciate the incredible fisheries in the Parkland
- More fish stockings and more species in accessible waters
- Stock more Splake. There has been no appreciable stockings in Duck Mountains for 10 years. Stock East Blue Lake with 5000-10000 Arctic Char each year for at least 5 years. This is a perfect lake for this. One condition, protect them (Char) with a 5 year catch and release for Char until some large fish can survive.
- Start stocking Splake again and consistent plan to maintain regular stocking into future , esp to Laurie Lake and other lakes with splake.
- Any findings or research done on Persse and the brook trout? Seems brown trout are the most dominant and common catch there.
- Fish health and management
- Fishery for a new species would be awesome!
- More activities to promote youth angling
- More docks at all lakes
- Keep up the great work folks!!
- MA musky , large mouth and char oh and grayling.
- Continue Improving Fisheries
- It is a pleasure to fish trout in the Swan Valley, Parkland regions of Manitoba. Clean maintained facilities, and launches draw me back every open water season
- Transfer lake trout broad stock rainbows again males
- Stop spear fishing in East and West blue Lakes it's sad to see what goes on there with the amount of large spawning walleye taken daily in the summer. There needs to be a slot size in these two lakes
- Stock tiger trout in more lakes and host more fishing derbys
- Create a slot size for East Blue lake walleye. Stop the spear fishing at East Blue lake.
- I really like how SVSFE has put in aeration, docks and making new lakes assessable.
- I use the resource on a very regular basis. Would love to see more lakes with total catch and release. Maybe more lakes with Artic Char, Muskie and large Mouth Bass. Thanks for giving us the opportunity to fill out your survey. This only will better our fishery
- Boat launch area/Fishing dock repairs. Filleting shack upgrades, informational signs such as the one at beautiful lake.
- All in all had a great summer fishing in the Ducks compared to previous years. Maybe develop a fish pond for youth fishing.. and in time I'd like to see a catch and release tournament in the valley.
- Stocking Gull(splake) laurie(lakers,splake,burbot,whitefish) east blue(splake, lakers,whitefish) west angling/east angling(black crappie)

Online Angler Survey Feedback

Appendix: Angler Suggestions, Comments, Concerns Cont'd

- Splake/lake trout identification signs on laurie lake(alot of 26 plus inch lakers are taken out of there) Tighter lake trout regulations for childs, east blue, laurie. Stocking in gull and east blue will take alot of pressure off of laurie and beautiful, kind of like how it was in the mid 90s, u guys do a great job keep up all the good work!!!
- Stocking whitefish lake with walleye. 98% of people including my self say it's gone down hill fast in the last 3, 4 years
- Honestly think whitefish lake gets netted to much for the size of the lake.

Online Angler Survey Feedback

Appendix: Daily Catch Submissions

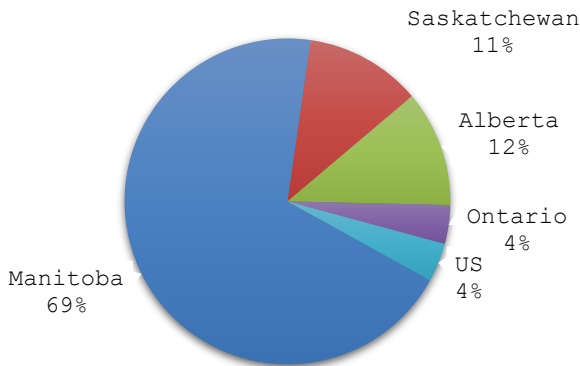
ID	Date	Location	AnglerInfo	Fished From	Fished To	# of Anglers	Quality (1-10)	Method	Catch Details: Species, # Caught, # Released, Size of Fish, Comments
184	23/07/2019	Shilliday Lake	DAVID, BLOOM	4:00:00 PM	8:00:00 PM	1	3	Other	1 18" rainbow trout released. Beautiful fish
185	23/07/2019	Two Mile	ANDREW, HUCULAK			2	3	Boat	2 14" rainbow trout released. 12 yellow perch retained. Had white worms in meat
186	24/07/2019	Beautiful Lake	ANDREW, HUCULAK	9:00:00 AM	2:00:00 PM	2	3		Nothing
187	24/07/2019	Beautiful Lake	JERRY, COLESAR	9:00:00 AM	12:30:00 PM	2	2	Boat	1 14" rainbow trout released. 1 17.25" walleye retained
188	24/07/2019	Beautiful Lake	BRUCE, MCCLOUD	9:00:00 AM	1:00:00 PM	2	1	Boat	Nothing
189	24/07/2019	Beautiful Lake	DREW, NEUFELD	10:00:00 AM	1:15:00 PM	1	10	Boat	Nothing
190	24/07/2019	Beautiful Lake	PATRICK, GAUDREAU	11:00:00 AM	2:30:00 PM	3	7	Boat	2 rainbow trout released, 21" and 22"
191	25/07/2019	East Blue Lake	ANDREW, BASHURA	9:00:00 AM	12:00:00 PM	1	1	Boat	Nothing
192	25/09/2019	Gull Lake	ADA & GERRY, TAYLOR	12:30:00 PM	2:00:00 PM	2	2	Boat	Lots of small trout and yellow perch released(not measured)
193	25/07/2019	Gull Lake	CODEY, MISANCHUK	12:00:00 PM	2:00:00 PM	1	1	Boat	3 small yellow perch released, 2 yellow perch retained; 8", 5"
194	25/07/2019	Gull Lake	HENRI, TREMORIN	11:00:00 AM	3:00:00 PM	2	3	Boat	2 6" rainbow trout released
195	26/07/2019	Gull Lake	LORNE, EIFFERT	5:00:00 PM	7:00:00 PM	1	3	Shore	Nothing
196	26/07/2019	Laurie Lake	LOGAN, DANYLKO	6:00:00 AM	10:00:00 AM	1	5	Boat	Nothing
197	29/11/2018	Twin Lake	BUDDY, HLADY	8:30:00 AM	2:30:00 PM	3	7	Other	2 female tiger trout 24" 22 3/4", 1 male tiger trout 22", All released
198	27/01/2019	Whitefish Lake	GORD, CROSS	4:00:00 PM	6:00:00 PM	1	3	Other	1 25" Pike
199	16/03/2019	Laurie Lake	JEREMY, KREUTZER	7:00:00 AM	8:30:00 PM	4	1	Other	No fish caught all day. Just the usual
200	15/03/2019	Childs Lake	AMALIE, ROSSNAGEL	7:00:00 AM	8:30:00 PM	4	1	Other	Fishing for lake trout no fish caught terrible day
201	23/06/2019	Whitefish Lake	GORD, CROSS	2:30:00 PM	9:30:00 PM	1	1	Other	Walleye, 3 caught. 2 released, 26.5", 26".15"
202	01/09/2019	Twin Lake	GARRETT, BETKER	7:00:00 AM	10:00:00 AM	1	7	Other	I hooked 3 tiger trout. I landed one 21" Male and lost the other 2. Fish was released.
203	01/09/2019	Wellman Lake	Brock, Koutecky	8:30:00 PM	9:30:00 PM	2	10	Boat	7 walleye, 1 perch - All eaters except 1 @ 21" at the narrows
204	13/10/2019	West Blue Lake	APRIL, WILLIS	7:45:00 AM	3:00:00 PM	2	8	Boat	15 brook trout, all released; 19", 19", 19.5", 21", resting average 15"
205	14/10/2019	Beautiful Lake	APRIL, WILLIS	9:00:00 AM	1:30:00 PM	2	1	Boat	Nothing
206	14/10/2019	Gull Lake	APRIL, WILLIS	3:30:00 PM	7:15:00 PM	2	7	Boat	All released: 1 6" yellow perch, 1 12" brook trout, 1 10" rainbow trout
207	15/10/2019	Twin Lake	APRIL, WILLIS	7:00:00 AM	11:00:00 AM	2	1	Boat	Nothing
208	12/10/2019	East Goose Lake	LYNDON, MAURER	10:00:00 AM	4:00:00 PM	1	8	Shore	3 rainbow trout released (18", 19", 20.5"). 3 more rainbow trout stole my hook.
209	13/10/2019	East Goose Lake	LYNDON, MAURER	1:00:00 PM	3:30:00 PM	2	6	Shore	1 master angler rainbow trout released (21.75")
210	17/10/2019	Patterson Lake	ERIC, MACIEJKOW	8:00:00 AM	4:00:00 PM	2	9	Boat	1-21.5" Brown, released, 1-20.5" Rainbow, released
211	01/09/2019	Twin Lake	GARRETT, BETKER	8:00:00 AM	11:30:00 AM	1	8	Boat	Caught 4 Tiger Trout, all Released, One was over the Master Angler size requirement
212	22/09/2019	Twin Lake	GARRETT, BETKER	3:00:00 PM	6:30:00 PM	1	9	Boat	Caught 5 Tiger Trout, all released, 2 of which were Master Anglers
213	28/09/2019	Twin Lake	GARRETT, BETKER	4:00:00 PM	6:00:00 PM	1	8	Boat	Caught 3 Tigers, One was a Master Angler, other two were smaller
214	05/10/2019	West Blue Lake	GARRETT, BETKER	2:00:00 PM	4:00:00 PM	1	5	Shore	Caught one brook trout about 17", released
215	14/10/2019	Laurie Lake	GARRETT, BETKER	1:00:00 PM	3:30:00 PM	1	5	Other	Nothing
216	16/10/2019	West Blue Lake	GARRETT, BETKER	10:00:00 AM	4:00:00 PM	1	9	Boat	Caught roughly 20 Brook Trout, all released, 2 were Master Anglers both just under 22" and the rest were all smaller - not measured
217	18/10/2019	West Blue Lake	GARRETT, BETKER	11:00:00 AM	4:30:00 PM	1	8	Boat	Caught 15 or so Brook Trout, biggest one I measured this day was 19", most of the others were smaller.
218	19/10/2019	Twin Lake	GARRETT, BETKER	1:30:00 PM	5:00:00 PM	1	8	Boat	Caught 7 Tiger Trout, 2 of which were Master Anglers around 22", rest were unmeasured
219	20/10/2019	Twin Lake	GARRETT, BETKER	2:30:00 PM	6:00:00 PM	1	7	Boat	Caught 5 Tigers, 2 were masters right around 22".

Online Angler Survey Feedback

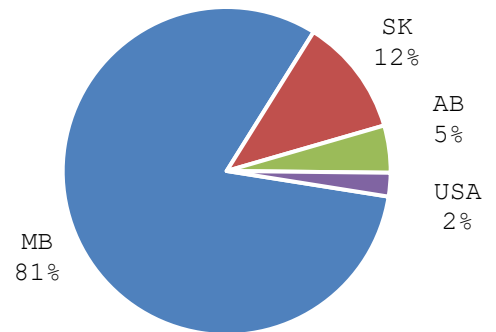
Appendix: Past Online Survey Comparisons

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
# of Surveys Received	26	43	40	78
Favourite Fishing Destination	1. Patterson Lake 2. Twin Lakes 3. Duck Mountains	1. Duck Mountains 2. East Blue Lake 3. Wellman Lake	1. Twin Lakes 2. Duck Mountains 3. West Goose Lake	1. Duck Mountains 2. Twin Lakes 3. East Blue Lake
Days fish/year	60.5 range (1-200)	75 range (1-224)	59 range (10-200)	64 range (5-300)
General Parkland Retain%	26%	18%	13%	16%
Target Spp	1. Rainbow trout 2. Walleye 3. Brown Trout	1. Rainbow trout 2. Walleye 3. Northern Pike	1. Rainbow trout 2. Brook trout 3. Walleye	1. Rainbow trout 2. Walleye 3. Tiger, brook, brown trout
Enforcement Checks In The Past Year	52%	42%	53%	71%

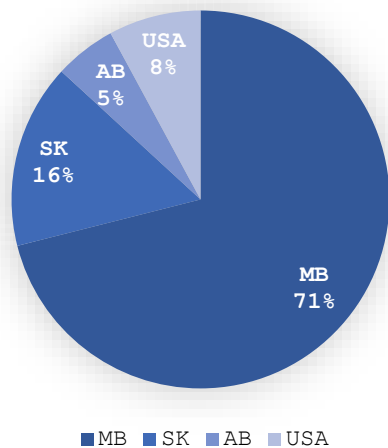
2016 Angler Residence



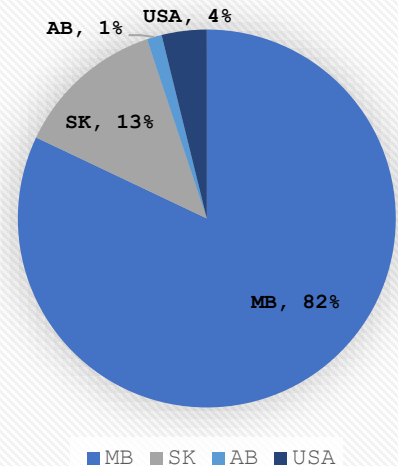
2017 Angler Residence



2018 Angler Residence



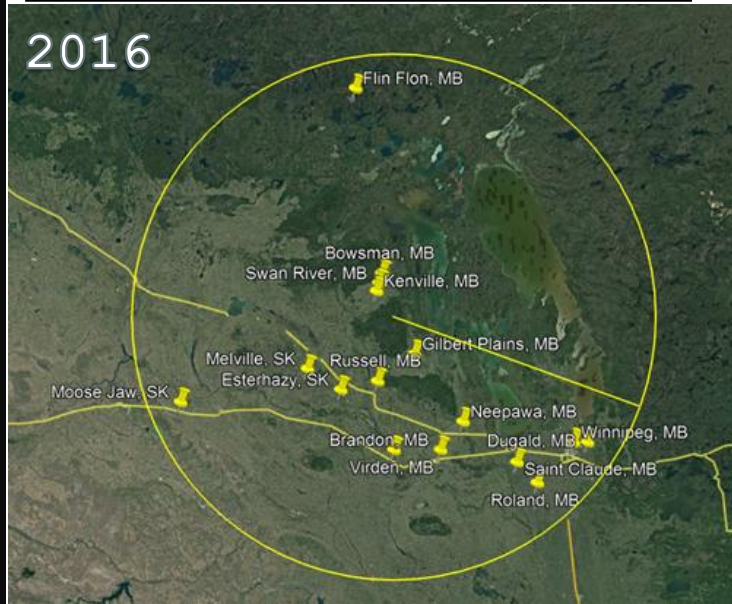
2019 Angler Residence



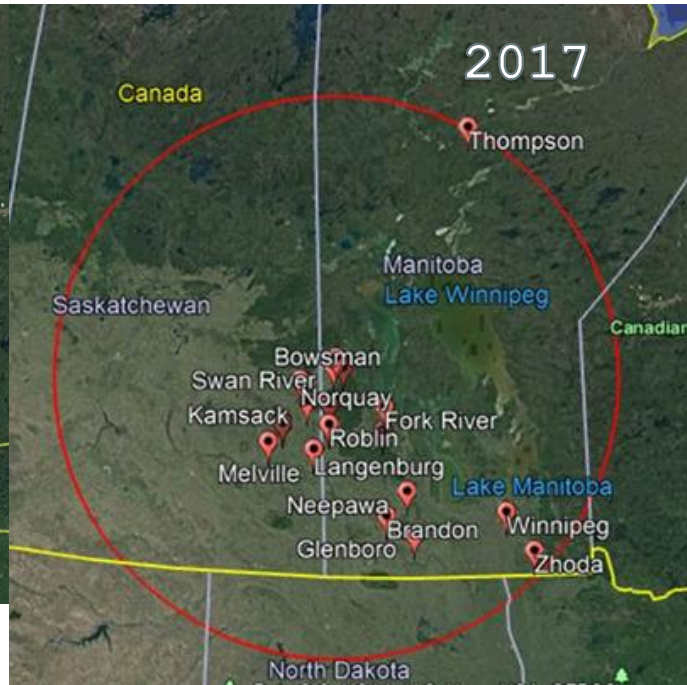
Online Angler Survey Feedback

Appendix: Past Online Survey Comparisons

2016



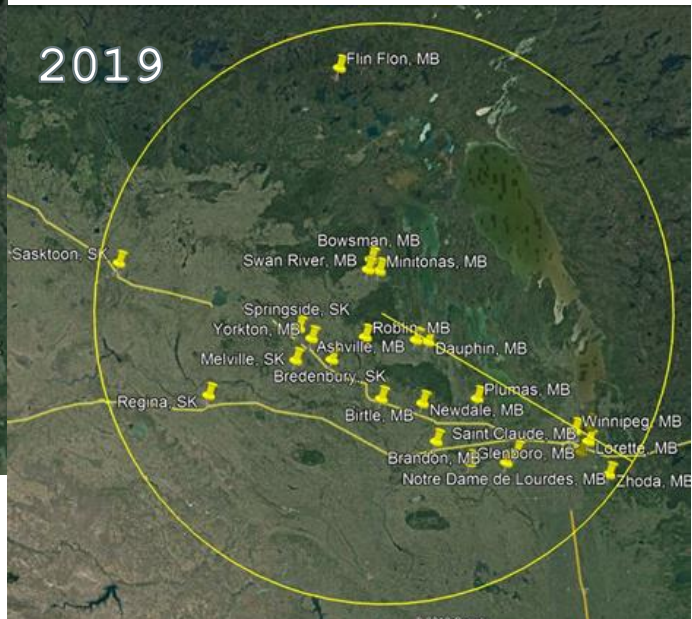
2017



2018



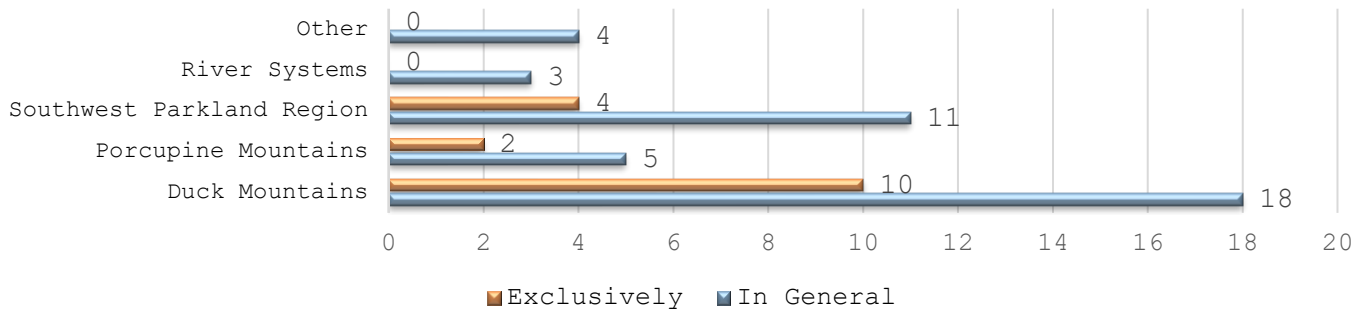
2019



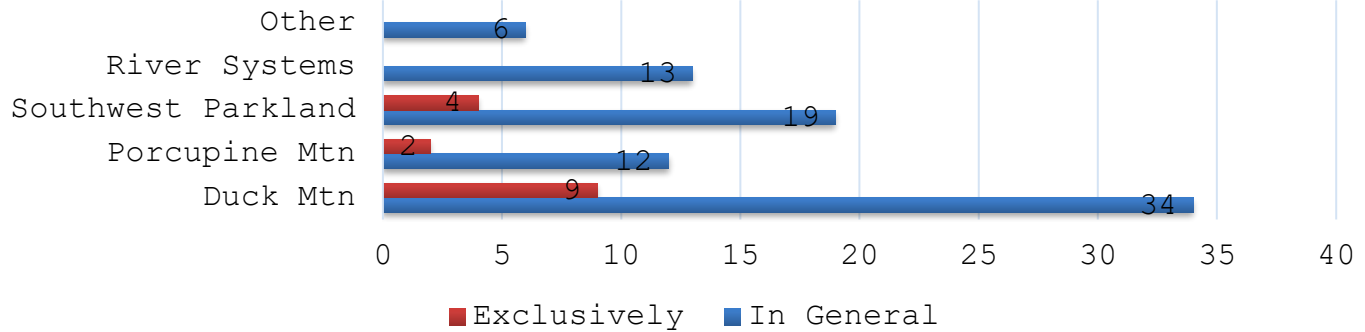
Online Angler Survey Feedback

Appendix: Past Online Survey Comparisons

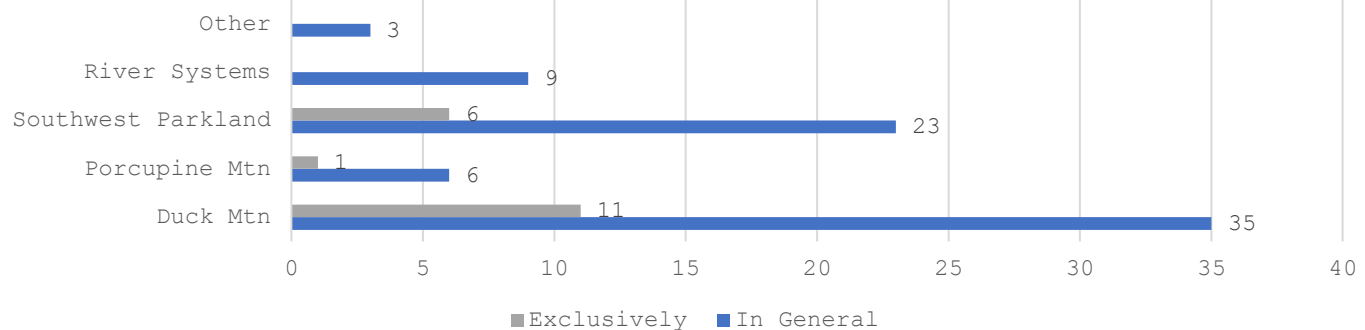
Areas Fished in the Parkland 2016



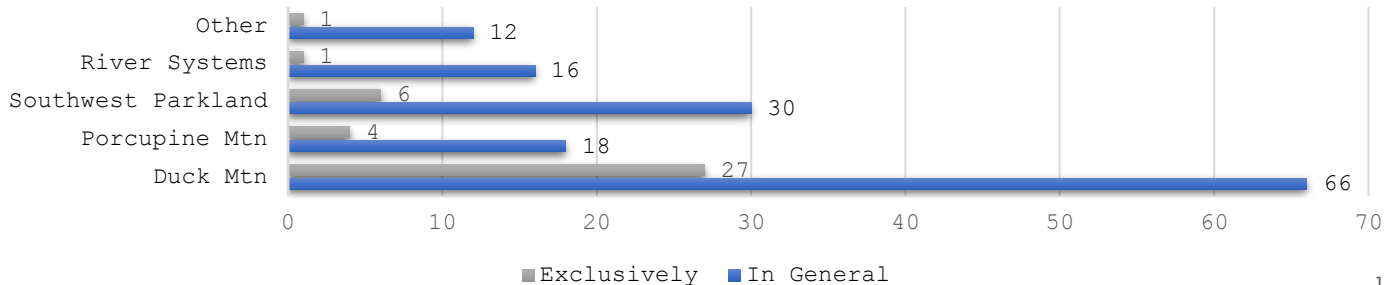
Areas Fished in the Parkland 2017



Areas Fished in the Parkland 2018



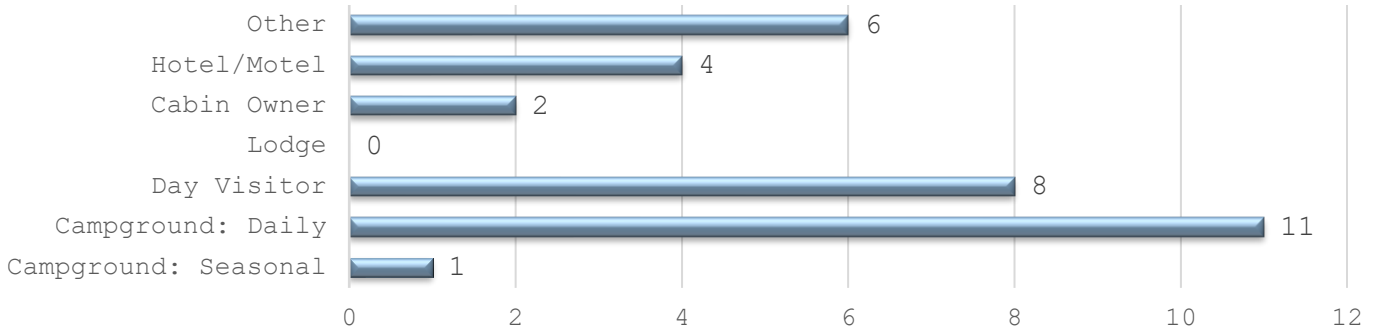
Areas Fished in the Parkland 2019



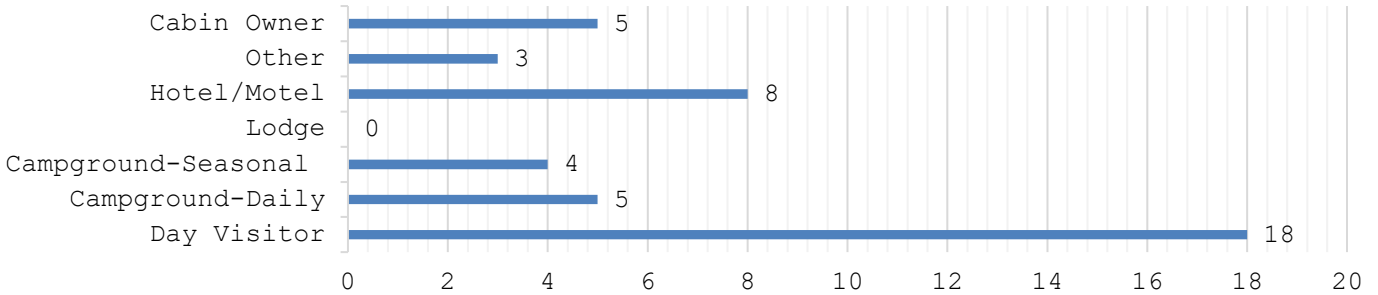
Online Angler Survey Feedback

Appendix: Past Online Survey Comparisons

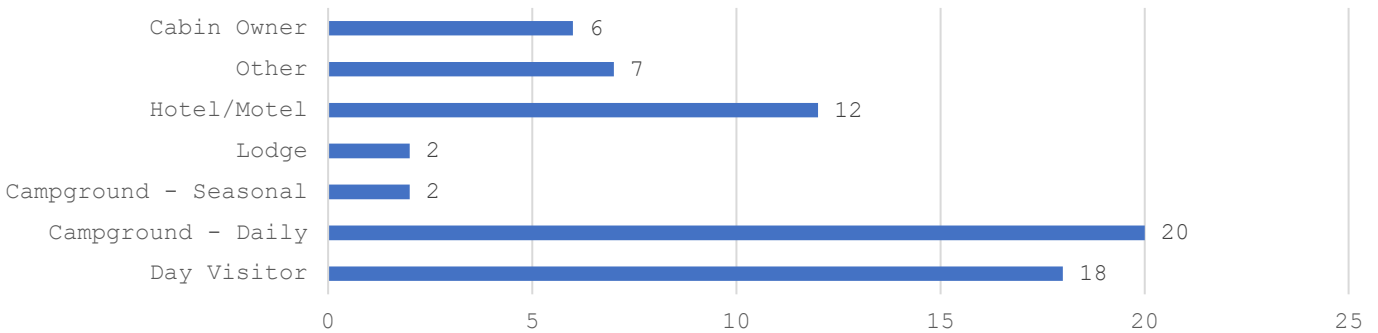
2016 Accommodations utilized while in the Parkland



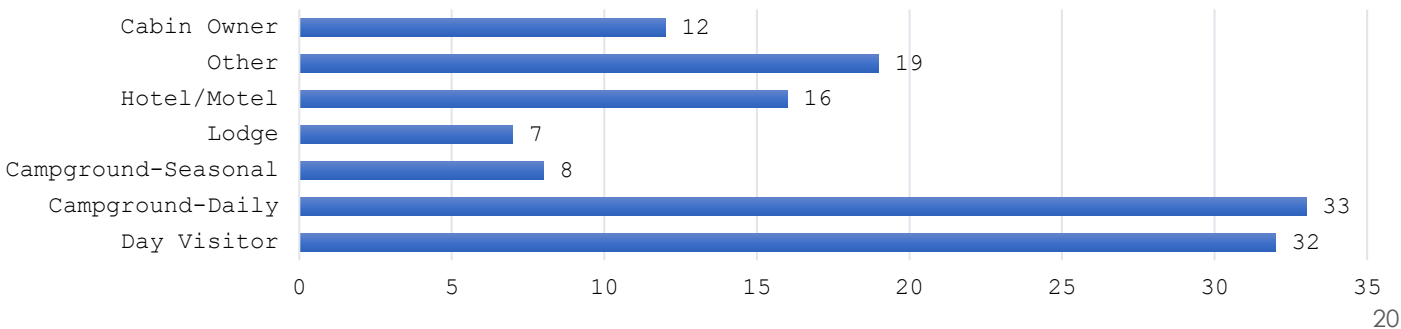
2017 Accommodations utilized while in the Parkland



2018 Accommodations utilized while in the Parkland



2019 Accommodations utilized while in the Parkland



Online Angler Survey Feedback

Appendix: Past Online Survey Comparisons

2017	Anglers living in or close to the Parkland	Anglers living 300km+ from the Parkland	Out of Province Anglers	Out of Country Anglers
Range \$ Spent Per Trip	\$10-60	\$100-1,000	\$100-2,000	\$2,500
Range \$ Spent Per Year	\$100-10,000	\$300-20,000	\$600-10,000	\$10,000

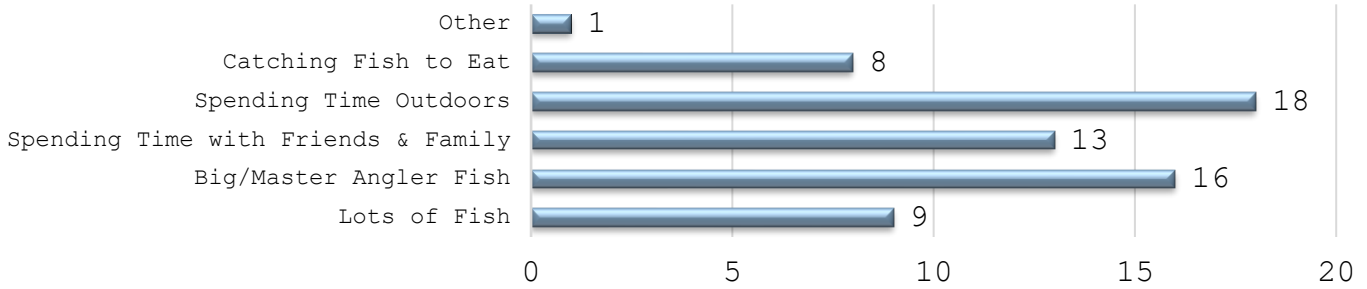
2018	Anglers living in or close to the Parkland	Anglers living 100km+ from the Parkland	Out of Province Anglers	Out of Country Anglers
Range \$ Spent Per Trip	\$50-600	\$30-1,200	\$40-2,500	\$1,850
Range \$ Spent Per Year	\$1,000-10,000	\$200-10,000	\$400-6,000	\$10,000

2019	Anglers living in or close to the Parkland	Anglers living 100km+ from the Parkland	Out of Province Anglers	Out of Country Anglers
Range \$ Spent Per Trip	\$10-500	\$30-750	\$30-700	\$700-1,700
Range \$ Spent Per Year	\$100-30,000	\$100-12,000	\$500-7,000	\$2,000-6,000

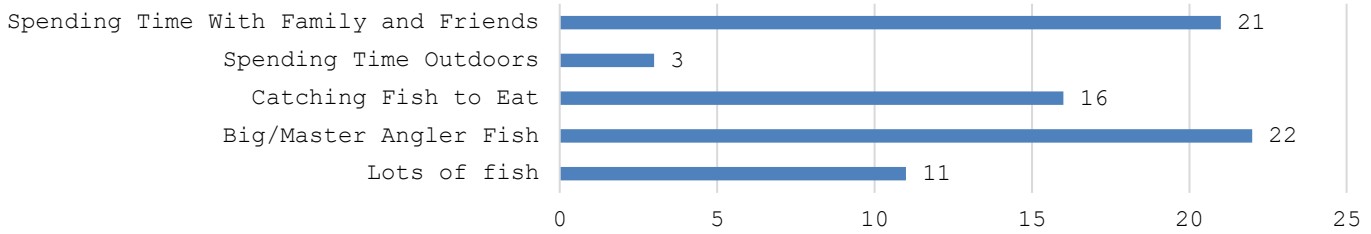
Online Angler Survey Feedback

Appendix: Past Online Survey Comparisons

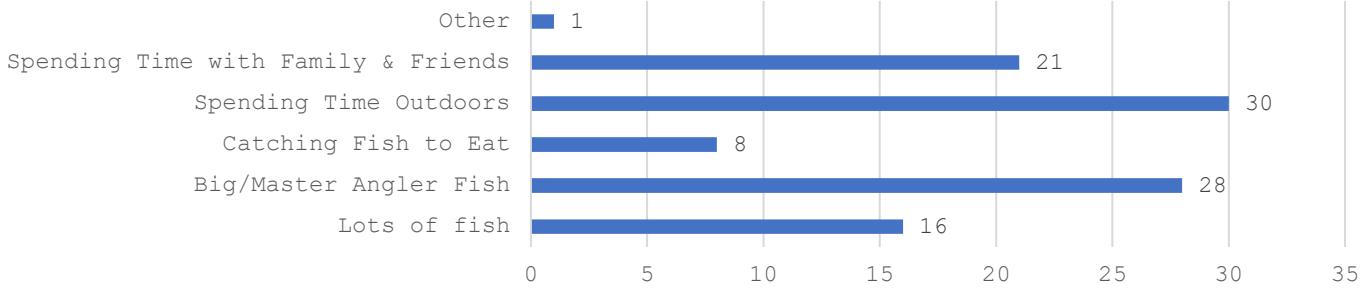
2016 Fishing Expectations



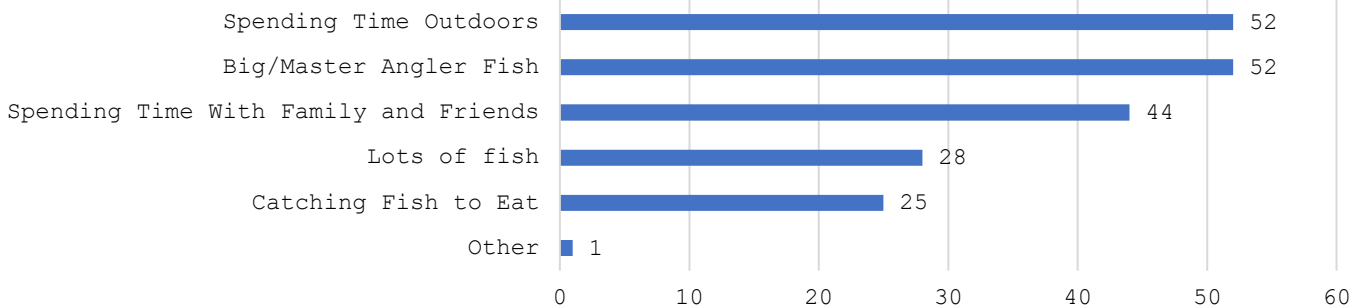
2017 Fishing Expectations



2018 Fishing Expectations



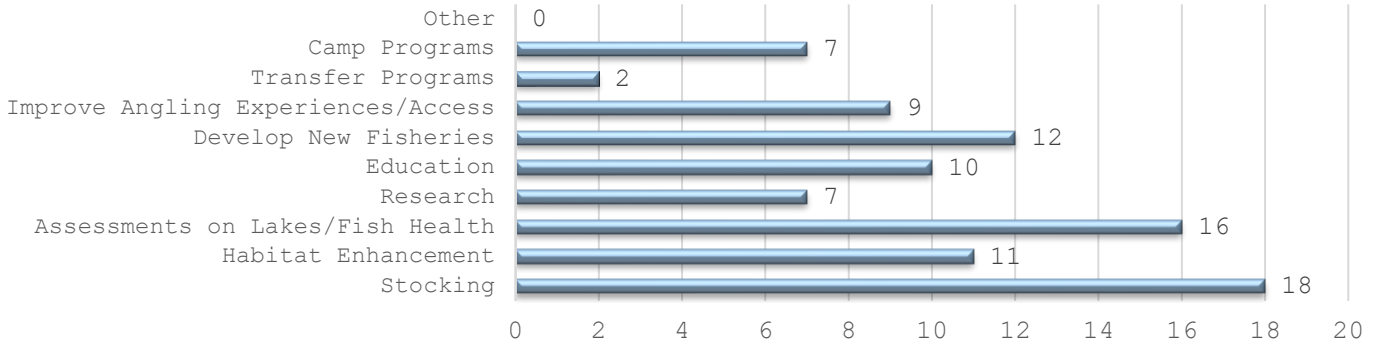
2019 Fishing Expectations



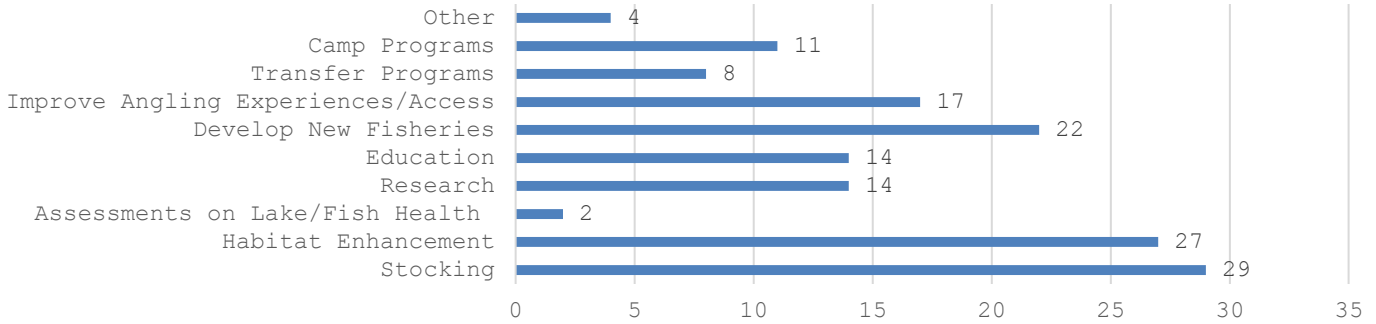
Online Angler Survey Feedback

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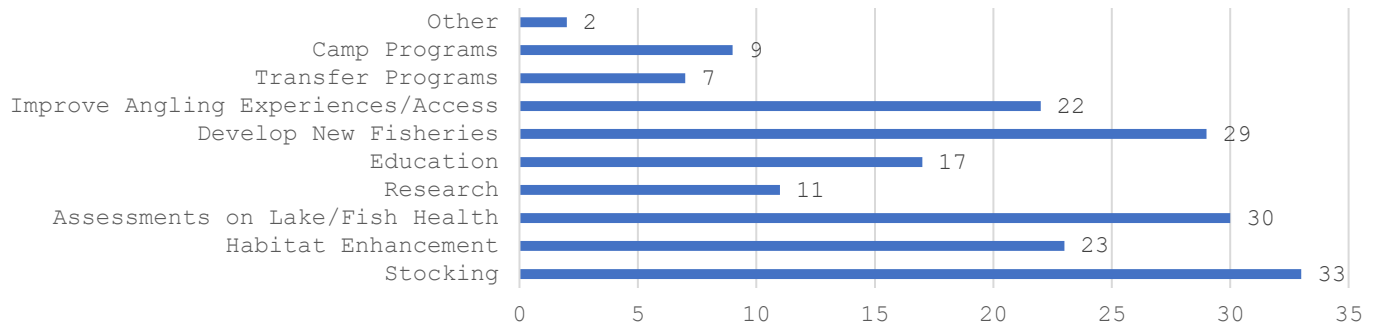
2016 Projects/Activities Supported



2017 Projects/Activities Supported



2018 Projects/Activities Supported



2019 Projects/Activities Supported

