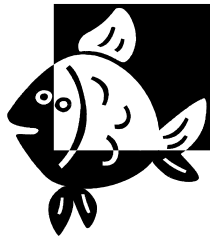

2005 Indiana Licensed Angler Survey

◊ Final Report ◊



Shorna R. Broussard, Ph.D. and Alicia Haley
Department of Forestry and Natural Resources
Purdue University

In Cooperation with:
Matt Burlingame and Stu Shipman
IDNR Division of Fish and Wildlife

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Introduction and Methods

The purpose of this survey was to learn more about fishing experiences and preferences of Indiana anglers. The Indiana Department of Natural Resources (IDNR) Division of Fish and Wildlife (DFW) aims to use this information to improve agency operation and to inform fisheries management and policy decisions.

This project was a cooperative effort of the IDNR Division of Fish and Wildlife and Purdue University. The 2005 Licensed Angler Survey was based on a survey conducted by the Division of Fish and Wildlife in 1994. The 2005 version of the survey was updated to include expanded content on angling motivations, lapsed anglers, angling skill level, and tournament fishing. Questions were also added to determine respondents rating and use of DFW information sources such as the DFW website, fish consumption advisories, fishing reports, and open-houses.

In the spring of 2005, a random sample of 7,000 licensed anglers was created from resident, 1-day resident, and combined hunting/fishing license holders in the 8 DFW fisheries management districts in Indiana. The sample was weighted by the number of licenses sold in each management district. Using the Tailored Design survey methodology, licensed anglers received 5 mailings: a postcard pre-notification, a survey and cover letter, a reminder postcard, and two subsequent surveys with cover letters.¹ Of the 7,000 licensed anglers, 96 of the anglers were not eligible (bought more than one angling license and were duplicates in the sample) or the surveys were returned undeliverable. Table 1 shows the number of surveys that were mailed and the response rate by management district. Management District 3 had the highest response rate (32.24%) and Management District 5

¹ Dillman, D. A. 2000. Mail and Internet Surveys: The Tailored Design Method. New York: John Wiley & Sons.

had the lowest response rate (24.43%). Overall, there were 1,888 licensed anglers that responded to the survey for a response rate of 27.34%. There was one respondent who was under the age of 18 and was thus removed from the database, yielding a total of 1,887 respondents that were used in analysis. Of the 1,887 respondents, 1,725 completed over 75% of their survey.

Table 1. Response Rate by Management District.

	Number of Surveys Mailed	Number of Surveys Returned	Percentage Returned
Management District 1	1,348	387	28.71
Management District 2	395	119	30.13
Management District 3	397	128	32.24
Management District 4	916	263	28.71
Management District 5	1,584	387	24.43
Management District 6	623	165	26.48
Management District 7	548	156	28.47
Management District 8	1,093	282	25.80
Total	6,904	1,887	27.33

Non-Respondent Analysis

Non-response bias is always present in surveys with less than a 100% response rate and has increasingly become a challenge for survey researchers. A meta-analysis of natural resource based surveys conducted between 1971-2000 shows a 0.77% per year decline in response rate over the thirty year period.² Specifically, survey researchers are concerned about whether respondents are representative of the population from which the sample was drawn or whether the lack of responses from some in the sample introduces bias into the data. Two methods were used to assess non-response bias in this survey. First, we utilized administrative data (age and type of license) that was accessible on fishing licenses and used that data to compare respondents and non-respondents. Second, we conducted a telephone survey with a 5% random sample of non-respondent licensed anglers (n=265).

In conducting the analysis of fishing license data, we aimed to determine if license type, gender, or age differed between the groups of respondents versus non-respondents. The mean age of non-respondents was 39.66 years of age while the respondents mean age was 47.51. There was a significant difference ($t=20.207$, $df=1$, $p<.001$) between the age of respondents and non-respondents; the non-respondents were significantly younger than the respondents. The gender composition of non-respondents was 81 % male and 19% female; the composition was identical for the respondents. A Pearson Chi² test showed that the likelihood of responding to the survey did not vary by gender ($\chi^2 =.374$, $p=.541$). As for license type, there were 4,304 non-respondents that held a residential license, 666 who held a combined hunting and fishing license, and 54 who held a 1-day residential fishing license. A Pearson Chi² test showed that the likelihood of responding did vary by the type of license held by the angler ($\chi^2=73.38$, $df=2$, $p<.001$). Since the number of

² Connelly, N.A., Brown, T.L. and D.J. Decker. 2003. Factors affecting response rates to natural resource-focused mail surveys: Empirical evidence of declining response rates over time. *Society and Natural Resources* 16(6): 541-549

nonrespondents is greater than that of respondents for all license types this result is not unexpected. We investigated this relationship further by using directional measures of association which test both the strength and direction of the relationship between the variables. Lambda and Goodman and Kruskal Tau test statistics were low (test statistic ranged from .000 to .011) and the significance levels were $p < .005$, thus indicating a significant ($p < .003$) but very weak relationship between license type and propensity to respond to the survey.

Additionally, we conducted comparisons between the non-respondent follow-up survey and the original survey to measure the potential magnitude of non-response bias. We used data from 1,887 respondents to the angler survey and 48 respondents to a survey of non-respondents. An abbreviated version of the mail survey was created and given over the phone. The calls took place on Monday through Thursday nights from 6:00 pm to 8:00pm to try to reach the most people. Calls were also made on Saturdays from 10:00am to 2:00pm. Each non-respondent was called up to three times, to try to maximize the number of responses. For the telephone survey of non-respondents, 190 were unreachable (wrong number, number was disconnected, there were 3 attempts made to contact them, they moved, etc.), 27 refused, 25 answered only the first question on the survey, and 23 responded to all questions. We made comparisons between respondents for 7 variables: lapsed anglers, catch preferences, species fish most often, where fish, DFW emphasis areas, fishing motivations, and fishing preferences.

Mail survey respondents and telephone survey respondents were compared on the seven key variables stated above. Of the non-respondents contacted, 15 (65%) had purchased a 2005 fishing license, while 8 did not. For respondents, 89% had fished in the last year. The top 3 reasons given by anglers who did not purchase a 2005 license were: No time due to work obligations ($n=4$), no time due to family obligations ($n=2$) and no interest ($n=2$). For respondents, the top 3 reasons why

they had not gone fishing in Indiana in the past 12 months were, no time due to work obligations, no time due to family obligations, and license fees too high. Thus both respondents and non-respondents agreed that time and work obligations were the top two reasons why they had not gone fishing in the past year. They differed on the 3rd most frequently identified reason for not fishing in the past year. The top 3 things that would motivate non-respondent anglers to resume fishing again would be an invitation from a friend or family member (n=5), being asked by a child (n=2), and other (n=1). Similarly, for respondents, the top three things that would motivate them to resume fishing were an invitation by friend or family member, being asked by a child, and one-stop equipment and license purchase. Again, the top two reasons were shared by both respondents and nonrespondents; they differed on the 3rd rated reason.

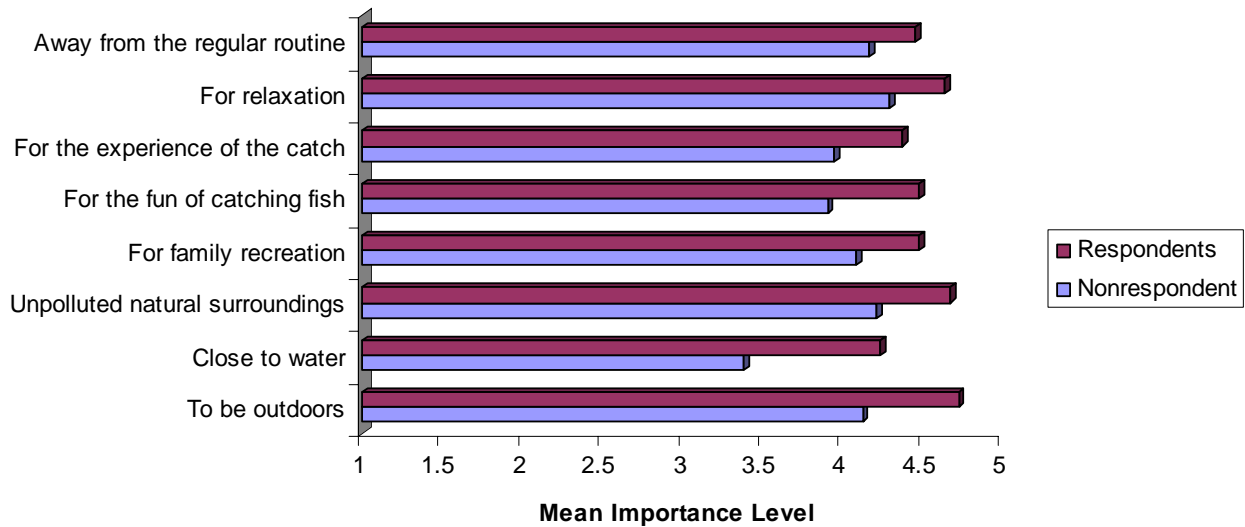
Non-respondent's three species of fish that they most prefer to catch were bass (n=14), bluegill (n=7) and trout (n=4). Respondents top three fish they most prefer to catch were bluegill, crappie, and largemouth bass. The top three species that nonrespondents actually fish for the most often were bass (n=12), bluegill (n=6), and trout (n=2). As for respondents, the three they actually fished for most often was bluegill, largemouth bass, and crappie respectively. For catch preferences and what anglers actually fished for, bluegill and bass were in the top 3 for both respondents and nonrespondents. Respondents had a preference for crappie in their top 3, while for nonrespondents trout rounded out their top 3.

The top three places that the non-respondents fished were natural lakes (n=13), private ponds (n=13), and large rivers (n=11). The respondent's top three places to fish were private ponds, small rivers and streams, and small reservoirs. Thus, ponds and rivers were shared by both respondents and nonrespondents in terms of their top 3 places to fish. However, respondents also preferred

reservoirs while nonrespondents top 3 places to fish were rounded out by lakes. When asked where the DFW should put the most emphasis when it comes to spending their resources, the non-respondents thought they should focus on management of lakes and reservoirs (n=9), other fishery resource issues such as control of aquatic vegetation or management of endangered species (n=5), law enforcement (n=4) and habitat enhancement (n=4). Respondents would like to see DFW put the most emphasis on habitat enhancement, public access, and management of lakes and reservoirs.

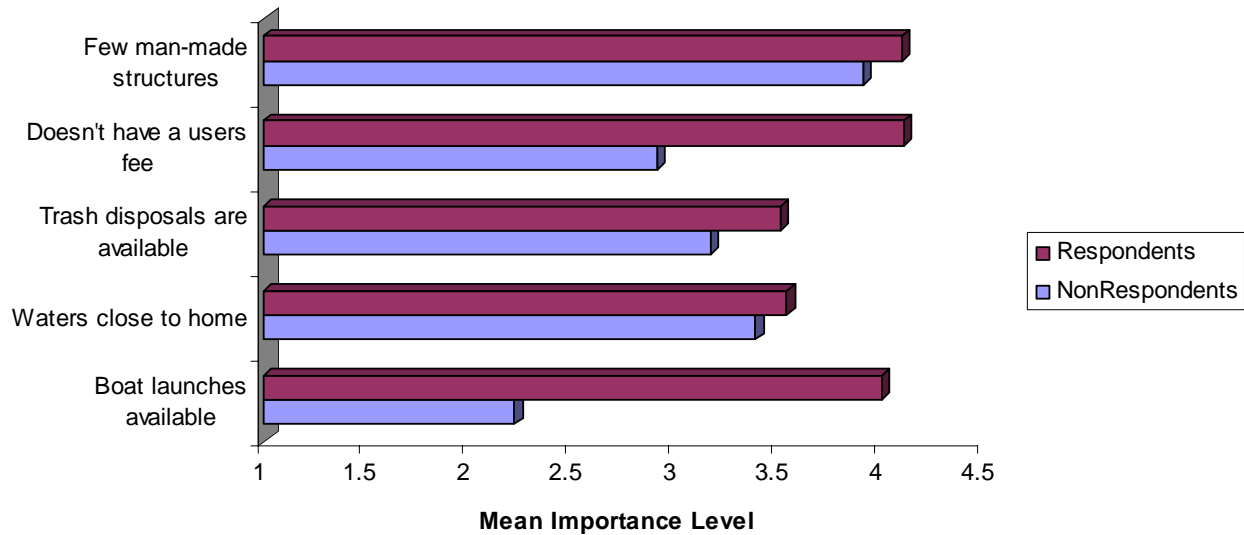
Like respondents, non-respondents contacted by telephone were told that people go fishing for many reasons, and may benefit from fishing in many ways, and then were asked to indicate how important each of the categories was to them(1=Not Important, 5=Very Important). For all items nonrespondents had generally weaker attitudes than did respondents. According to the mean importance level, the top three reasons why nonrespondent anglers go fishing were: for relaxation, to experience unpolluted natural surroundings, and to get away from the regular routine. Figure 1 shows a comparison between the average means of respondents and non-respondents. For respondents the most important reasons for fishing were: to be outdoors, to experience unpolluted natural surroundings, and for relaxation.

Figure 1. Comparison between average mean importance levels between respondents and non-respondents for the benefits anglers get from fishing.



Non-respondents contacted by phone were also asked to indicate how important certain characteristics were, when choosing a location to go fishing (1=Not Important, 5= Very Important). Again, nonrespondents generally held weaker attitudes on all items compared to respondents. The top three characteristics for non-respondents that were important to when choosing a location to go fishing were: fishing in an area with few man-made structures, fishing in waters close to home, and fishing where trash disposals are available. Figure 2 shows a comparison between the average means of respondents and non-respondents. For respondents the most important reasons in selecting a location to fish were: fishing in an area with few man-made structures, fishing where boat launches are available, and fishing where trash disposals are available.

Figure 2. Comparison between average mean importance levels between respondents and non-respondents for characteristics angler's desire when choosing a location to go fishing.



In terms of other demographic characteristics, the mean income level for nonrespondents was between \$40,000-\$49,999 and \$50,000-\$59,999 with a mean of 5.77 while respondents had a mean of 6.18 indicating a mean income of \$50,000-\$59,999. The mean education level of non-respondents was between Trade/technical School and some college with a mean of 4.86; this was the same for respondents (mean=4.239, between trade school and some college). All anglers who were contacted by telephone and answered the survey were Caucasian (n=22); this figure was 93% in the mail survey.

In summary, demographically, respondents were significantly older, earned slightly higher incomes, and were slightly more ethnically diverse. There were no differences between mail and telephone survey respondents in terms of gender and education. Nonrespondents had a greater likelihood of holding all license types but this was a very weak relationship and one that was expected since the number of nonrespondents is greater than that of respondents for all license types. For attitudes

related to catch preferences, species catch, lapsed anglers, fishing location preferences, fishing motivations, and DFW emphasis areas, two of the top three rated characteristics were shared by both respondents and nonrespondents on all items. Generally they differed on only one reason in their top 3.

In conclusion, while there is no definitive test for assessing a non-response bias hypothesis, we conducted a comprehensive comparative analysis of respondents and nonrespondents on a number of relevant characteristics collected through a telephone survey of nonrespondents and by analyzing license data. We believe the data generated in survey and reported here is representative of Indiana Anglers with the following exceptions. This information should be taken into account when reading and interpreting the results of this report. If there is a bias, it would be from the following sources: 1) the opinions and concerns expressed by the respondent anglers are stronger, 2) younger, less wealthy, and less diverse anglers were less likely to respond compared to their older, more wealthy, and more diverse counterparts who responded to the survey, 3) angling preferences and attitudes, while similar, were not identical, and they differed slightly on a number of characteristics. In a strict technical sense, though, the response bias hypothesis cannot be accepted or rejected.

Demographics of Respondents

Respondents were mainly Caucasian (93%), while approximately 2% of respondents self identified as African American. Those who said they were Hispanic, Asian, and American Indian each made up approximately 1% of the respondents. There were also 2% of the respondents that stated that their race was “other”. The mean education level of respondents was between trade or technical school and having completed some college (Figure 3). Additionally, the mean recorded household income was approximately \$50,000 to \$59,000 (Figure 4). For the respondents who were married, approximately 54% (n=1020) said that their spouses fished. Furthermore, respondents who had children under the age of 17 living in their homes (n=678, 36%), at least 85% (n=560) indicated that their children have fished since 2004. About 7% of respondents (n=126) said that they had a disability that limited their access to fishing opportunities in Indiana.

Figure 3. What is the highest education level you have completed as of 2004?

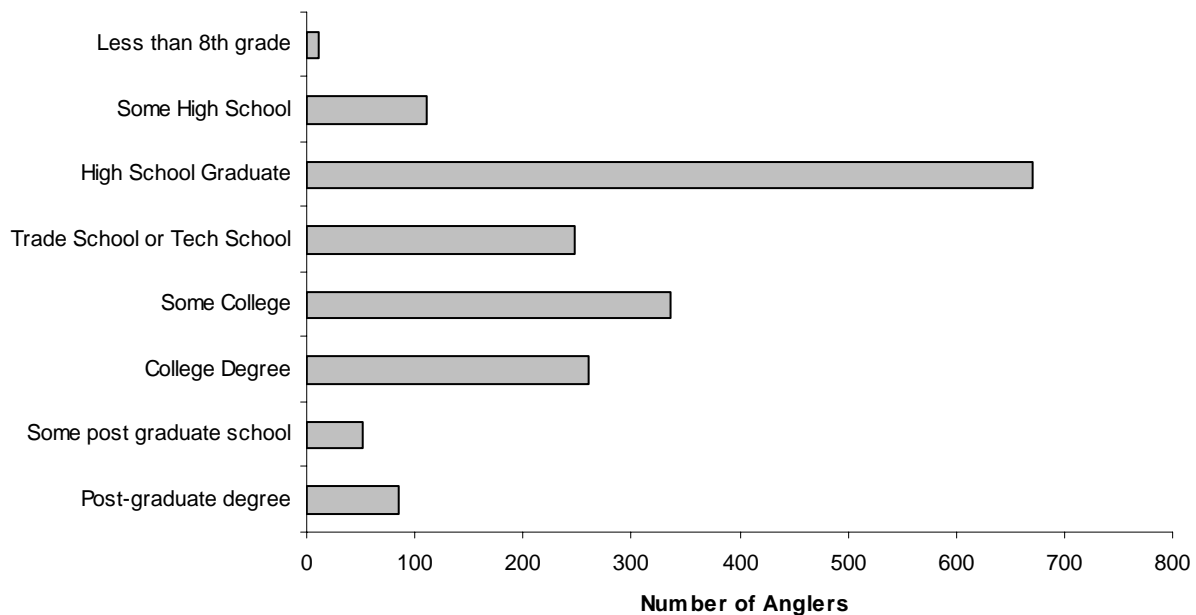
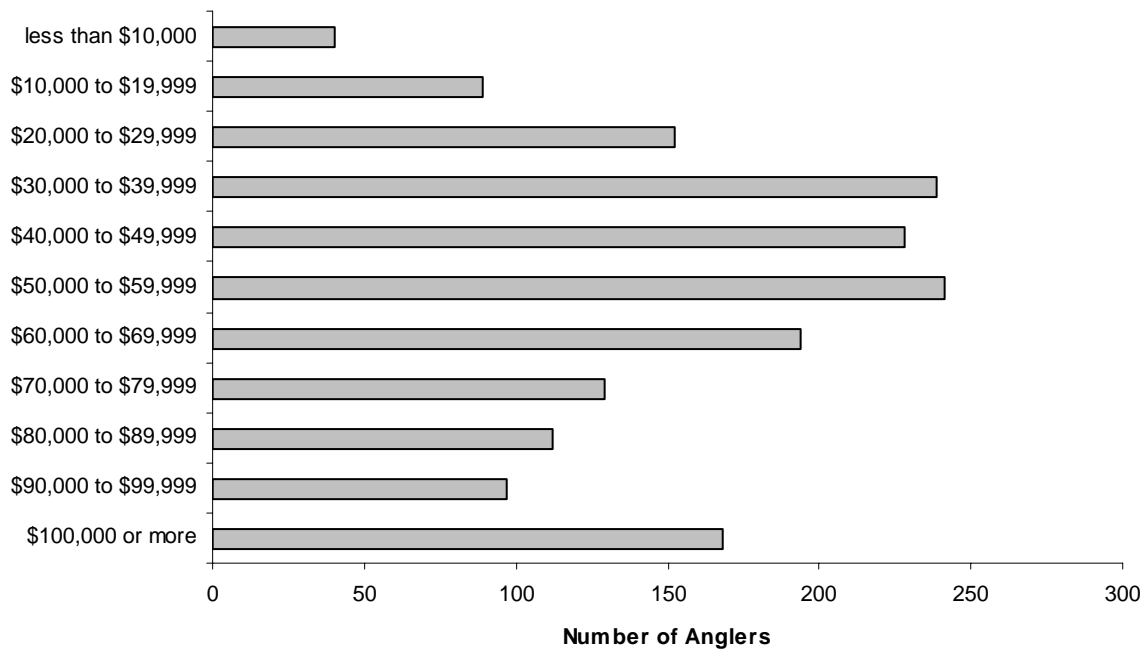
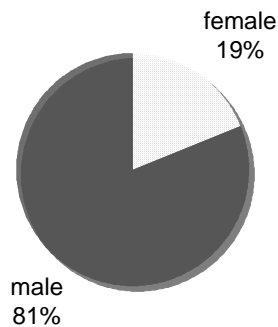


Figure 4. What is your best estimate of your total household income in 2004?



Additional data about the demographics from each angler was obtained from their fishing licenses. The mean age of respondents was 47.51 years. Of the 1,887 respondents, 1,534 (81%) were male, while 353 were female (Figure 5). For the type of licenses held by the respondents, 1,462 had residential fishing licenses, 412 had combined hunting and fishing licenses, and 13 had 1-day residential fishing licenses.

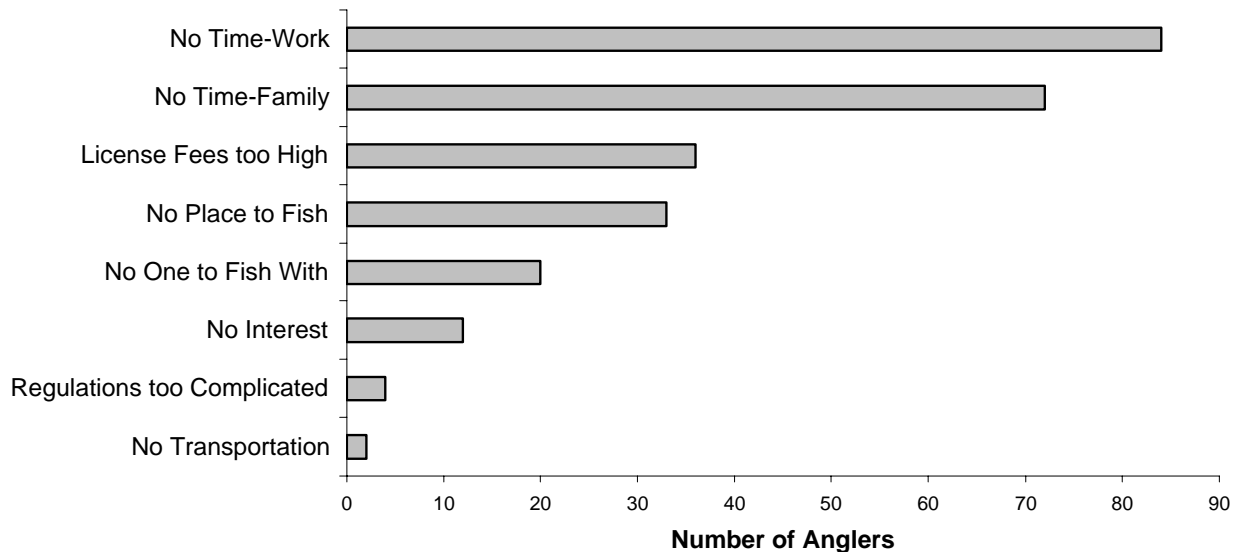
Figure 5. Gender of Respondents



Lapsed Anglers

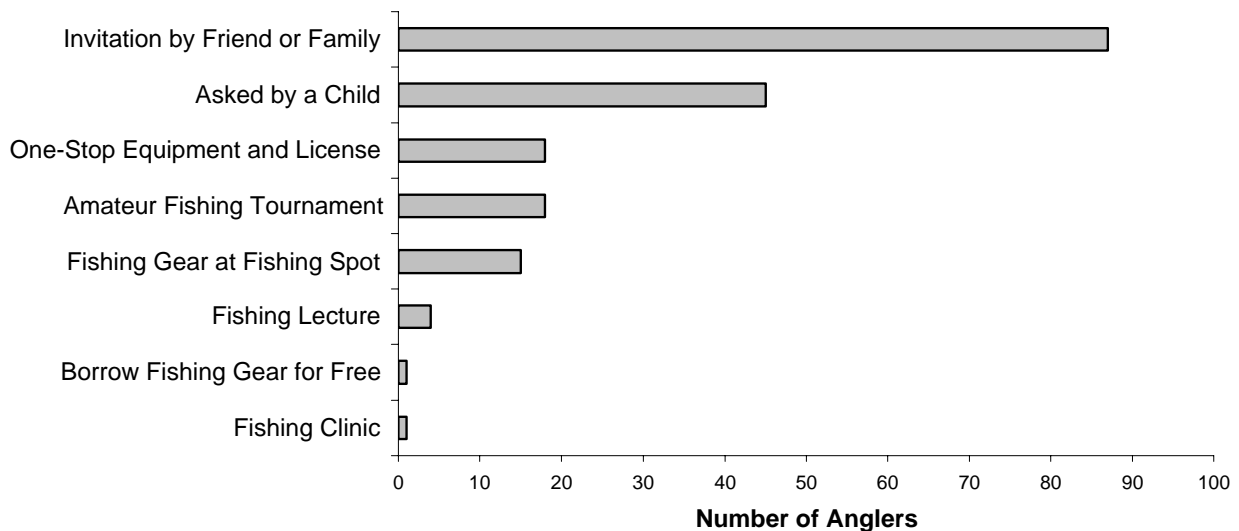
Of the respondents, 89% (n=1,679) stated that they had gone fishing in Indiana in the past year. Those respondents who did not go fishing during 2004 were asked why they did not go fishing and what would encourage them to fish again. They were then directed to only answer the fishing motivations and demographics questions. For those who did not go fishing in 2004 (n=174), the main reasons stated were lack of time due to both work and family obligations (Figure 6). Thirty-six respondents felt that license fees being too high was a limiting factor, while 33 respondents said they had no where to fish/fishing spots were too far from home. Not having anyone to fish with (n=20), not having interest in fishing (n=12), regulations being too complicated (n=4), and not having transportation (n=2) were identified the least among factors limiting fishing participation.

Figure 6. If you did not go fishing in Indiana in the last 12 months, why?



When anglers who did not fish during 2004 were asked which factors would motivate them to resume fishing (Figure 7), a major motivating factor identified was invitation by a family member or friend (n=87). Being asked to fish by a child (n=45) was the second most stated factor that would motivate lapsed anglers to resume fishing. Of lesser importance were one-stop equipment and license purchase (n=18), amateur fishing tournaments with prizes (n=18), providing fishing gear at fishing spot (n=15), fishing lectures (n=4), borrowing fishing gear for free (n=1), and fishing clinics (n=1).

Figure 7. If you did not go fishing in Indiana in the last 12 months, what would motivate you to resume fishing again?



Use of DFW Information

Seventy-nine percent of the anglers (n=1,338) were aware that there are fish consumption advisories in Indiana (Figure 8). Being aware of these fish consumption advisories impacted where 45% of those anglers (n=535) fished (Figure 9). In addition to awareness of fish consumption advisories, anglers were asked whether or not they were aware of DFW fishing reports, “open-houses,” website, and of the proposal to add a low-cost senior fishing license (there is currently no license fee for seniors). Thirty-seven percent of anglers stated that they were aware of the fishing reports; of those that anglers that were aware of the DFW fishing reports, 12% indicated that these reports determine where they fish. Thirteen percent of anglers were aware of the “open-houses” held by the DFW to receive input on proposed administrative rule changes for fisheries regulations. Less than 1% (n=17) of anglers actually attended one of these open houses. When asked if they were aware of the proposal to add a low-cost senior fishing license, 44% (n=744) of respondents were aware (Figure 10). Of the anglers that were aware of this proposal, 30% (n=271) stated they would be in favor of a low-cost fishing license for seniors (Figure 11). Regarding angler awareness of the DFW website, approximately half of respondents said they were aware of the website (Figure 12). Of those 810 anglers who knew about the website, 493 (61%) have actually visited the site. For anglers that visited the DFW website, 89% indicated that the website was either very useful or somewhat useful, 9% thought the website was somewhat unuseful, and 2% didn’t think the website was useful at all (Figure 13).

Figure 8. Are you aware of fish consumption advisories in Indiana?

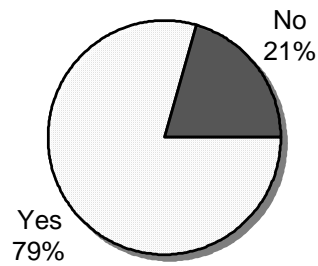


Figure 9. Does this impact where you fish?

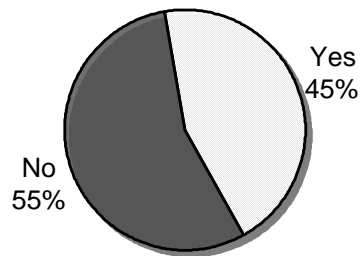


Figure 10. Are you aware of the DFW proposal to add a low-cost senior license?



Figure 11. Would you be in favor of a low-cost senior fishing license?

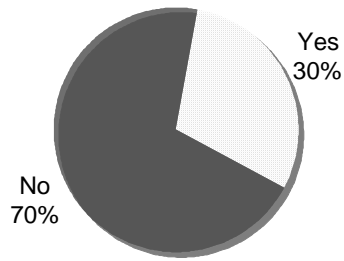


Figure 12. Are you aware of the Division of Fish and Wildlife website?

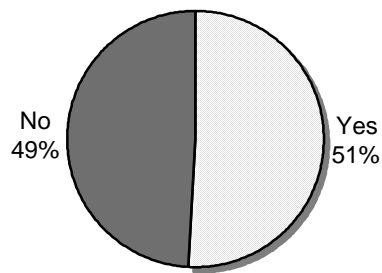
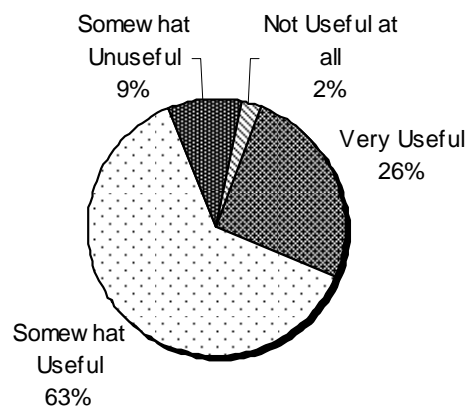


Figure 13. How useful was the website?



Fishing Preferences of Anglers

In order to better understand what anglers in Indiana seek when they go fishing and how they use fisheries resources in the state, a section of the survey posed questions regarding fishing preferences. Respondents were asked to rate the fishing quality in Indiana (Figure 14). Four percent of anglers rated the quality of fishing as excellent, 41% rated the quality of fishing as good, 47% indicated that it was fair, while only 8% thought it was poor. When asked about the trajectory of fishing quality in Indiana, 46% indicated that it is staying the same, 35% felt that fishing quality is declining in the state while 19% stated that it was improving (Figure 15). When asked to provide their general opinion of the overall performance of the Division of Fish and Wildlife, 6% rated DFW performance as excellent, 51% indicated that DFW performance was good, 35% rated performance as fair, and 8% rated performance as poor (Figure 16).

Figure 14. How would you rate the quality of fishing in Indiana?

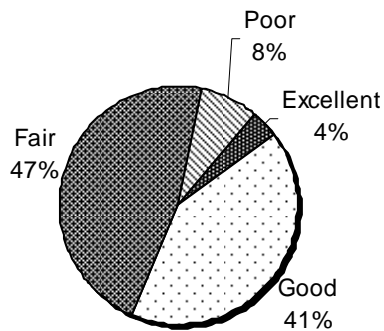


Figure 15. Do you think quality of fishing in Indiana is....?

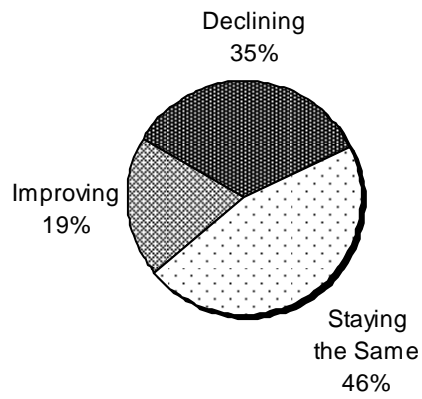
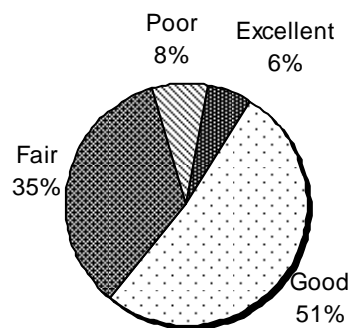
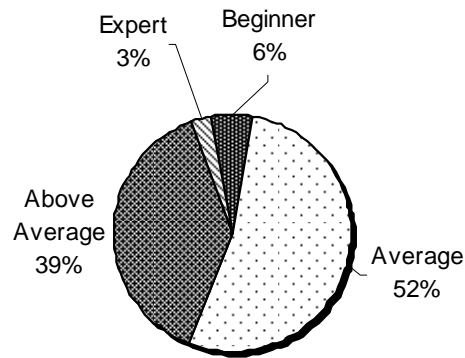


Figure 16. What is your general opinion of the overall performance of the Division of Fish and Wildlife?



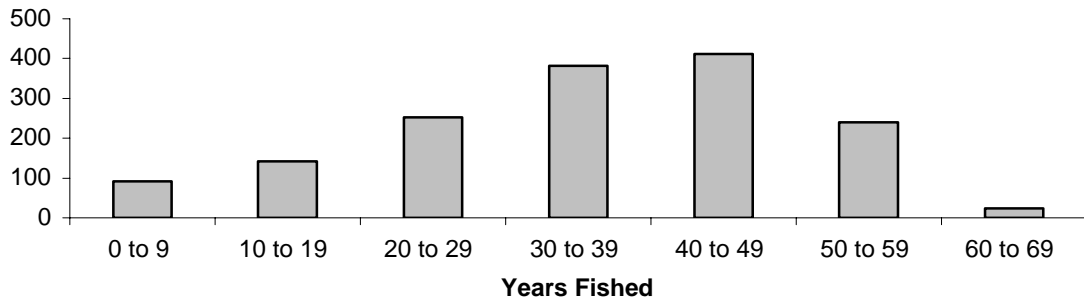
When comparing their fishing skill level to other anglers, 52% of respondents stated they were average, while 39% rated their angling ability as above average (Figure 17). Three percent of respondents considered themselves to be expert anglers and 6% considered themselves to be beginners.

Figure 17. Compared to other anglers, how would you rate your skills as an angler?



The number of years that respondent anglers fished ranged from 1 to 66 years. Approximately a quarter of anglers said they had between 40 to 49 years of fishing experience (n= 412) while 25% had between 30-39 years of fishing experience (n=382). There were 92 anglers who have been fishing for less than 10 years, and 24 anglers who have fished for more than 60 years (Figure 18).

Figure 18. For how many years have you fished?



Eight percent of respondents (n= 141) participated in a fishing tournament in Indiana in 2004 (Figure 19) and 12% of respondents (n=198) purchased an Indiana trout/salmon stamp during 2004 (Figure 20). Also, 88 anglers belong to a fishing club comprising 5% of all respondent anglers (Figure 21). Anglers also stated that they fish most often from a boat (n=971) or from the bank (n=533) (Figure 22). Anglers were less likely to fish by wading (n=58), from a pier (n=37), or through ice (n=23).

Figure 19. Did you participate in a fishing tournament in Indiana in 2004?

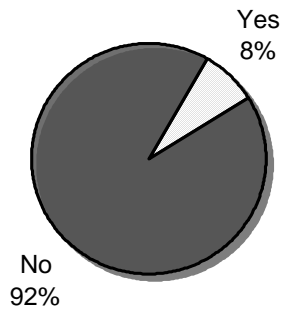


Figure 20. Did you purchase an Indiana trout/salmon stamp in 2004?

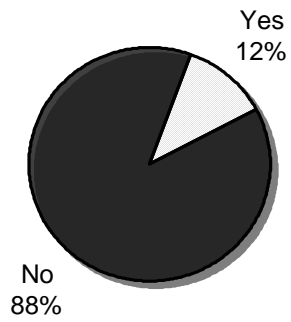


Figure 21. Do you belong to a fishing club in Indiana?

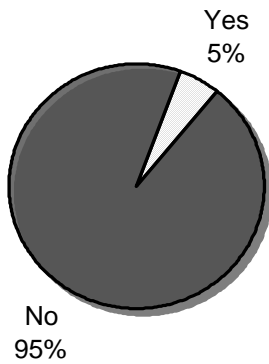
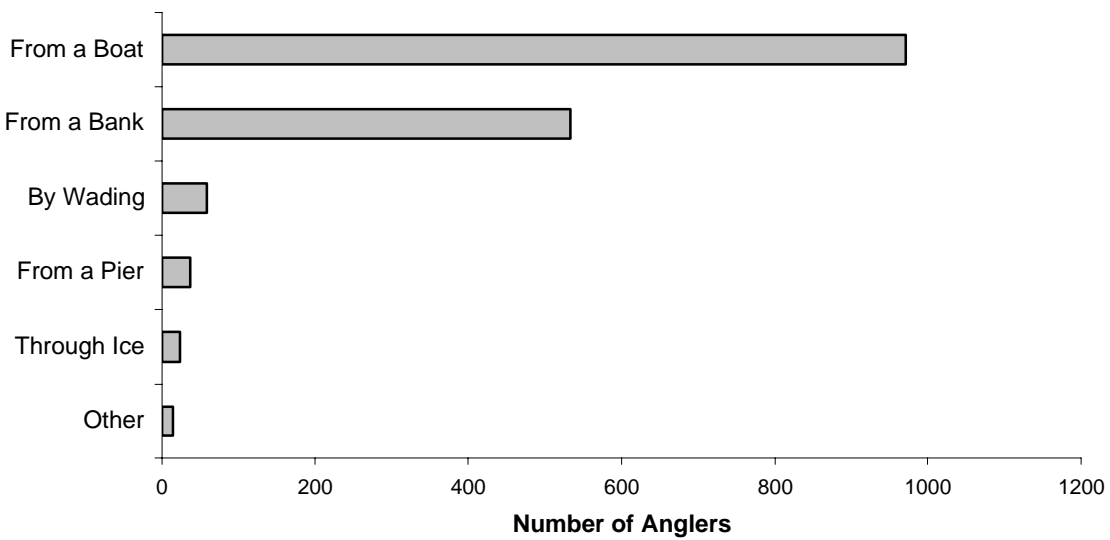
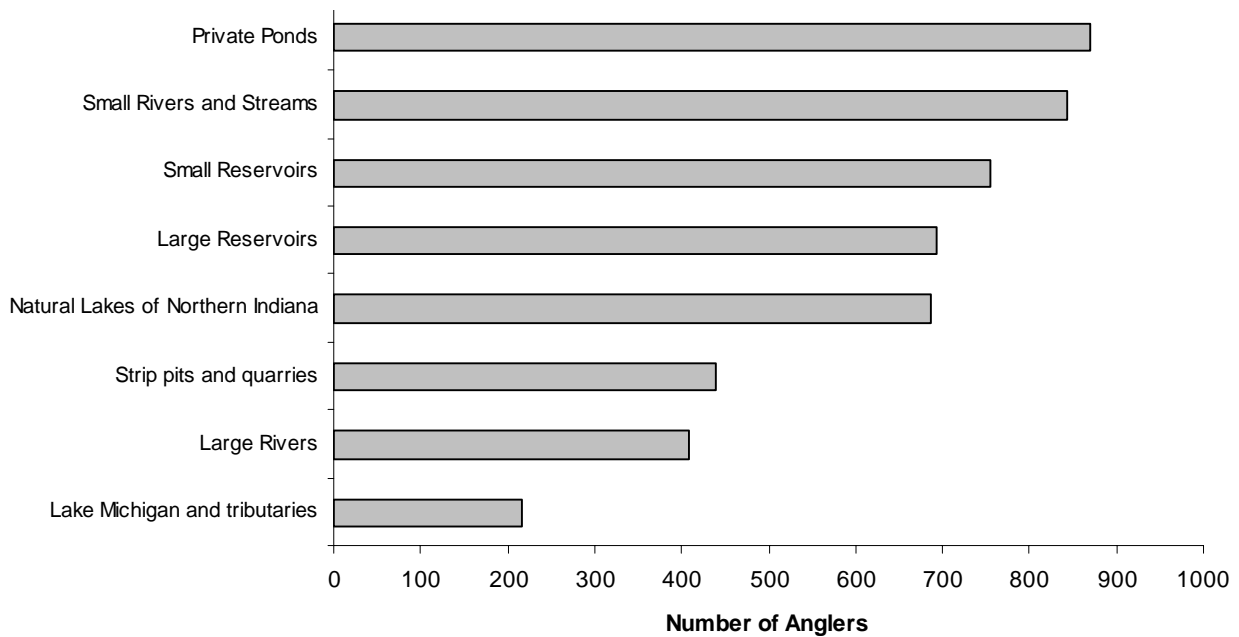


Figure 22. I most often fish...



The top three areas that respondent anglers fished most often (Figure 23) were private ponds (n=869), small rivers and streams (n=843), and small reservoirs (n=756). To a lesser degree, respondent anglers also fished in large reservoirs (n=694), natural lakes of Northern Indiana (n=686), and strip pits and quarries (n=440). The areas that anglers fished in the least were Lake Michigan and its tributaries (n=217) and large rivers (n=409).

Figure 23. Which of the following areas do you fish most often in Indiana?



To determine overall fish species preferences, respondents were presented with a list of 26 species and were asked to select all the fish species they would prefer to catch. The top 12 are listed in Figure 24. The most preferred species were bluegill (n=1,386), crappie (n=1,355), largemouth bass (n=1,352), smallmouth bass (n=1,199), walleye (n=910), channel catfish (n=780), yellow perch (n=661), striped bass (n=634), sunfish (n=575), northern pike (n=557), rock bass (n=533), and blue catfish (n=528). They were also asked of the 26 species presented, which they fish for most often (Figure 25). The top three species that respondents actually fish for are bluegill (n=1056), largemouth bass (n=946), and crappie (n=830).

Figure 24. If all species of fish found in Indiana waters were available in your areas, which species would you most prefer to catch?

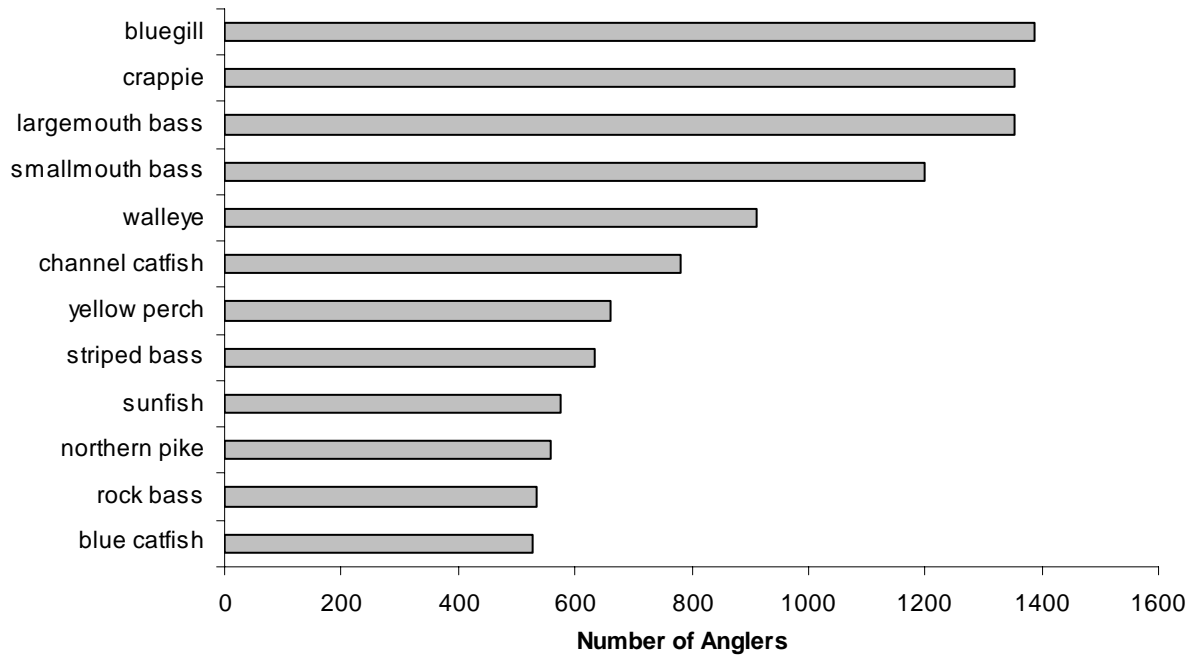
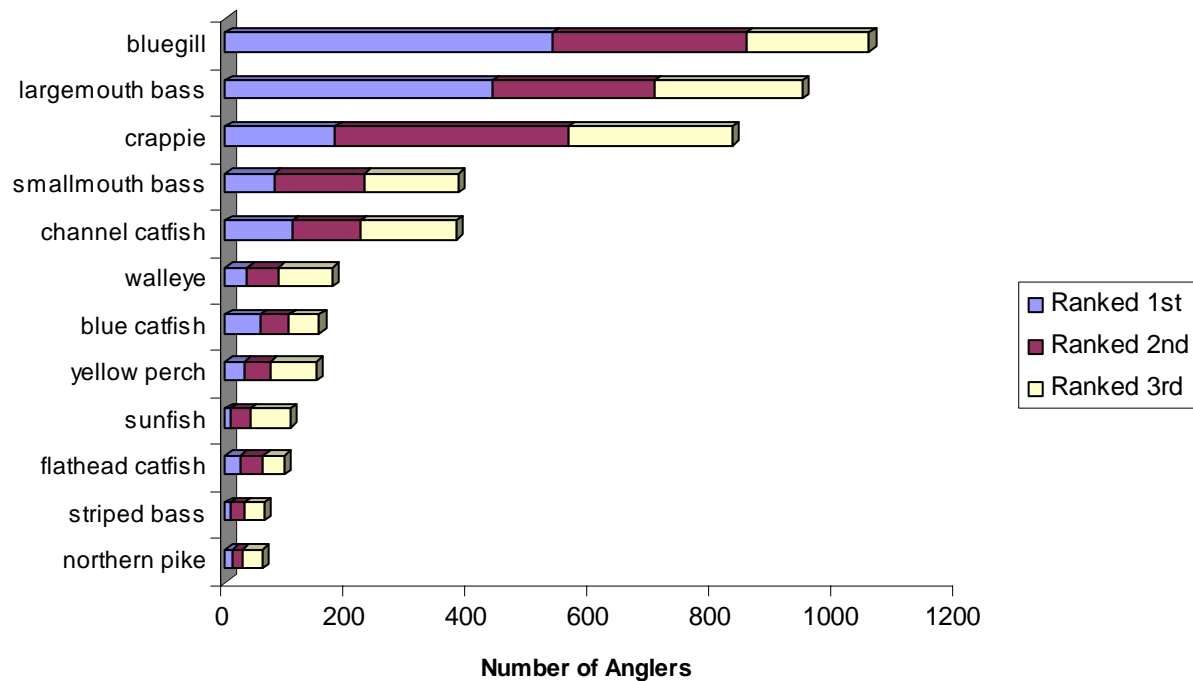


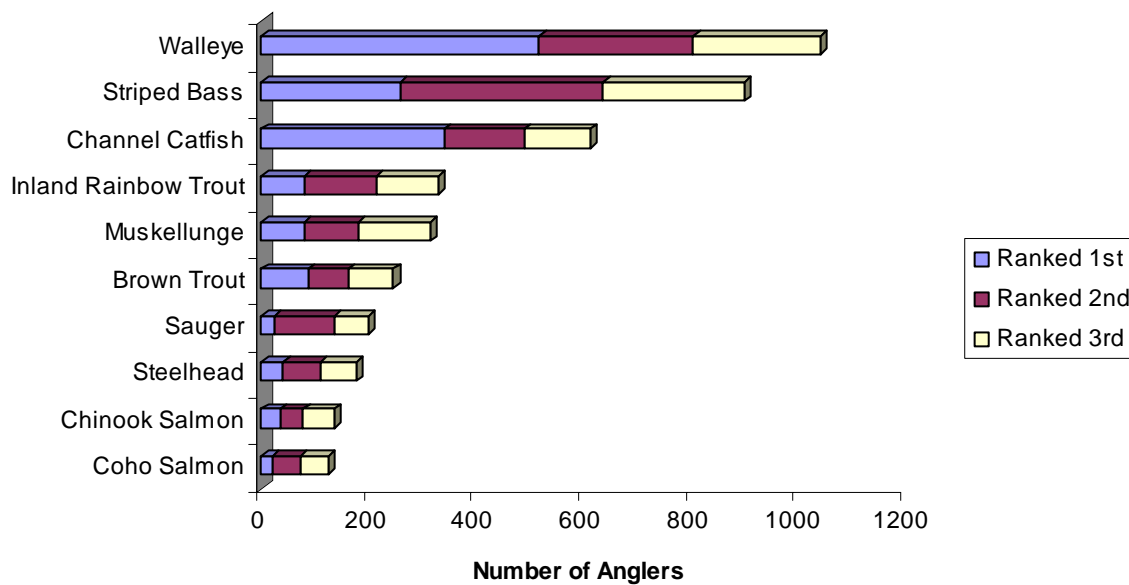
Figure 25. Please choose the top three fish species that you actually fished for most often in Indiana in the last 12 months.



Respondents were presented with the following statement regarding fish stocking:

Most fish reproduce adequately enough to provide good fishing without stocking. However the Division of Fish and Wildlife stocks numerous species that will not successfully reproduce or do not occur naturally. These species allow Hoosier anglers a wide range of fishing opportunities. Below is a list of fish currently being stocked by the DFW. Respondents were then given a list of 10 species that the DFW stocks, and from those 10 species, were asked to rank their top three species they wish to see DFW stock (Figure 26). The top three species respondent anglers would like to see stocked are walleye (n=1,043), striped bass (n=899), and channel catfish (n= 614).

Figure 26. Please select your top three preferences for species DFW should stock.



Fishing Experiences and Attitudes Towards Fishing Policies and Regulations

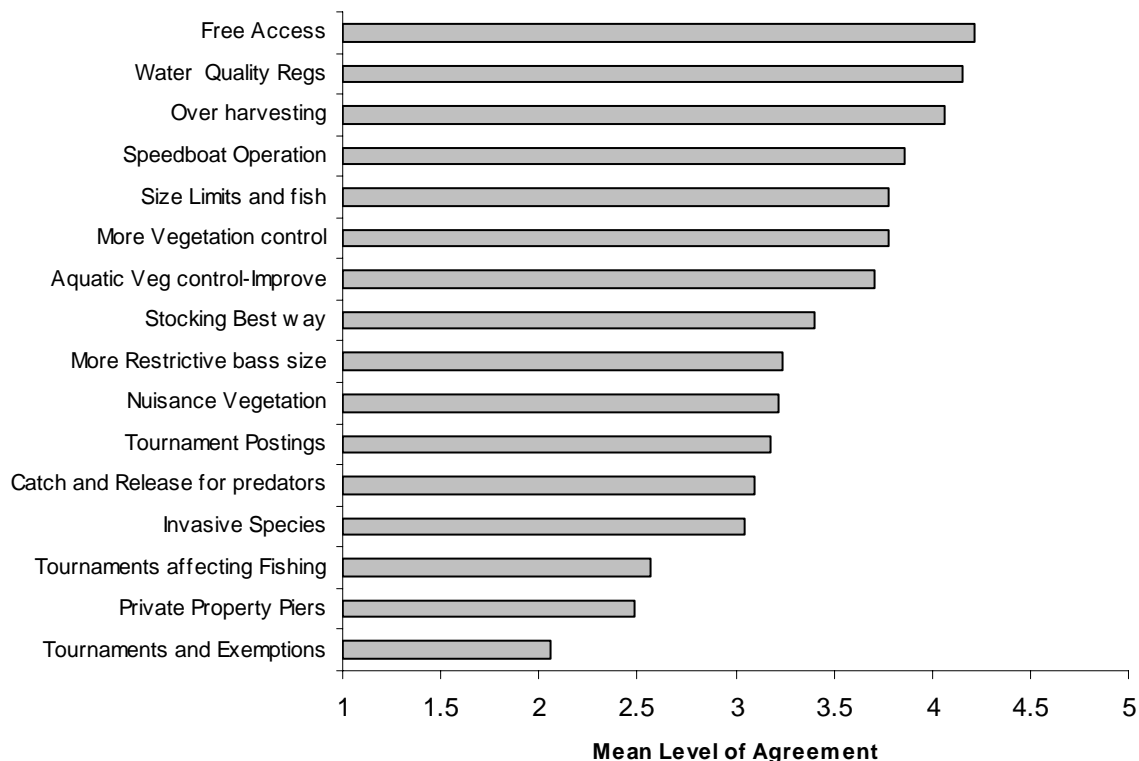
The next section of the survey involved angler's attitudes towards factors that influence their fishing experiences as well attitudes toward DFW fishing policies and regulations. Respondents were asked to state their level of agreement (1=strongly disagree, 5= strongly agree) with statements regarding factors impacting fishing and fisheries policies and regulations.

Factors Affecting Fish Experiences

The mean agreement levels for factors affecting fishing experiences are shown in Figure 27.

Availability of free public access and stricter water quality regulations had the highest level of agreement. Respondents were also concerned about over harvesting and speedboat effects on fishing quality. Size and creel limit exemptions for tournaments and piers from private property taking up too much public fishing water had the lowest agreement levels.

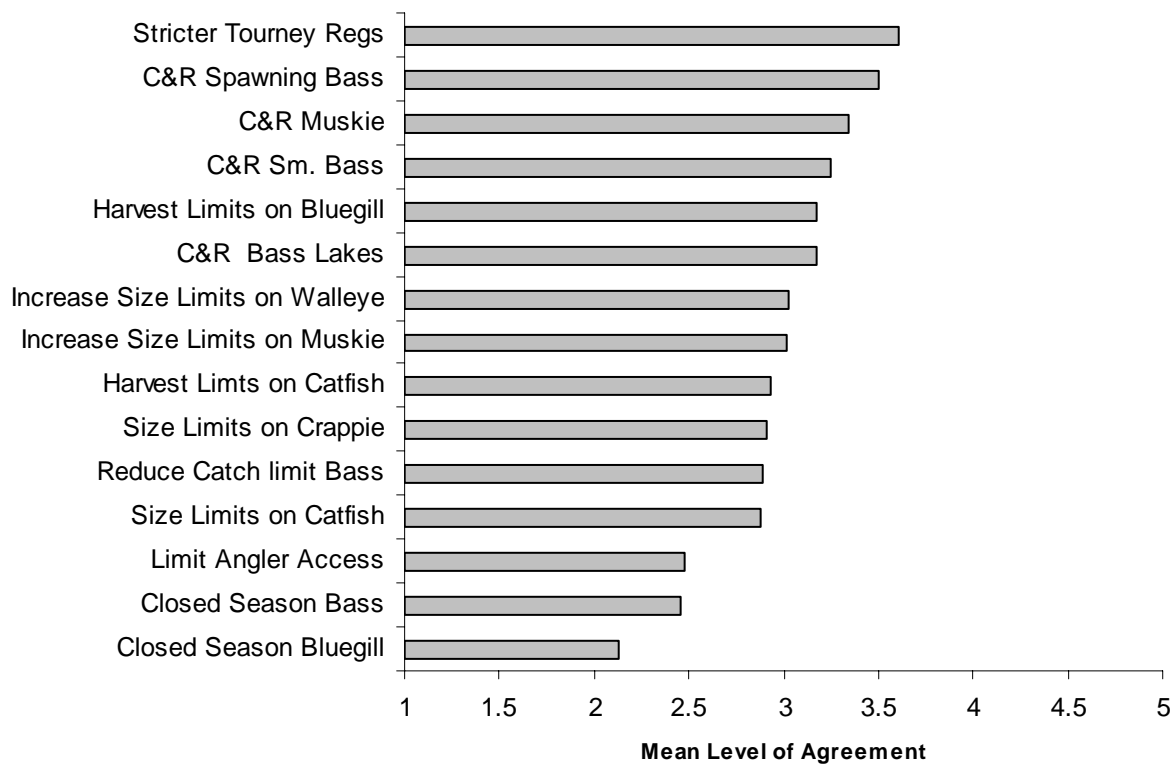
Figure 27. Please indicate your level of agreement with each statement.



Angler Support for DFW Rules and Regulations

Respondents were also asked to indicate their level of agreement with many of the rules and regulations that the DFW uses when managing fisheries. Having tighter regulations on fishing tournaments had the highest mean agreement level (mean=3.6) and catch and release only for bass during spawning season had the second highest mean agreement level (mean=3.5) (Figure 28). Closed season for bluegill had a mean value of 2.13, which indicates that there is not very strong support across respondents for this regulation.

Figure 28. Please indicate your support for each of these potential rules or regulations.



DFW Fisheries Sections

The work of the DFW is organized into the following nine sections: fisheries research, habitat management and protection, lakes and reservoirs, Lake Michigan and its tributaries, rivers and streams, public access, fishery resource issues, law enforcement, and stocking of sport fish. For each of these sections except for stocking of sport fish, respondents were asked to rate how important each given area in DFW was to them on a scale from not important (1) to very important(5). They were also asked to rank the top three components within each of the DFW sections.

Fisheries Research

For the fisheries research section, the areas ranked as the most important to respondents were threatened and endangered species, fisheries management tools, ways to improve sampling, and impacts of regulation changes (Figure 29). Anglers were then asked to rank the top three areas of fisheries research. The top three areas they ranked as the most important to respondents were human dimensions, impacts of regulation changes, and threatened and endangered species (Figure30).

Figure 29. Please rate the importance of the following areas of *fisheries research*.

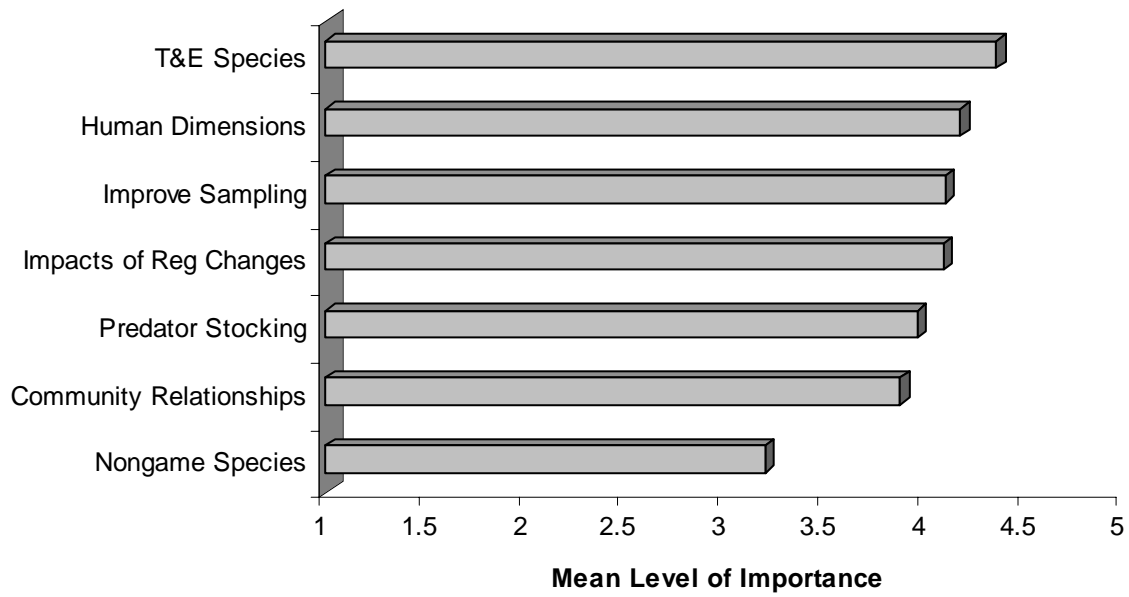
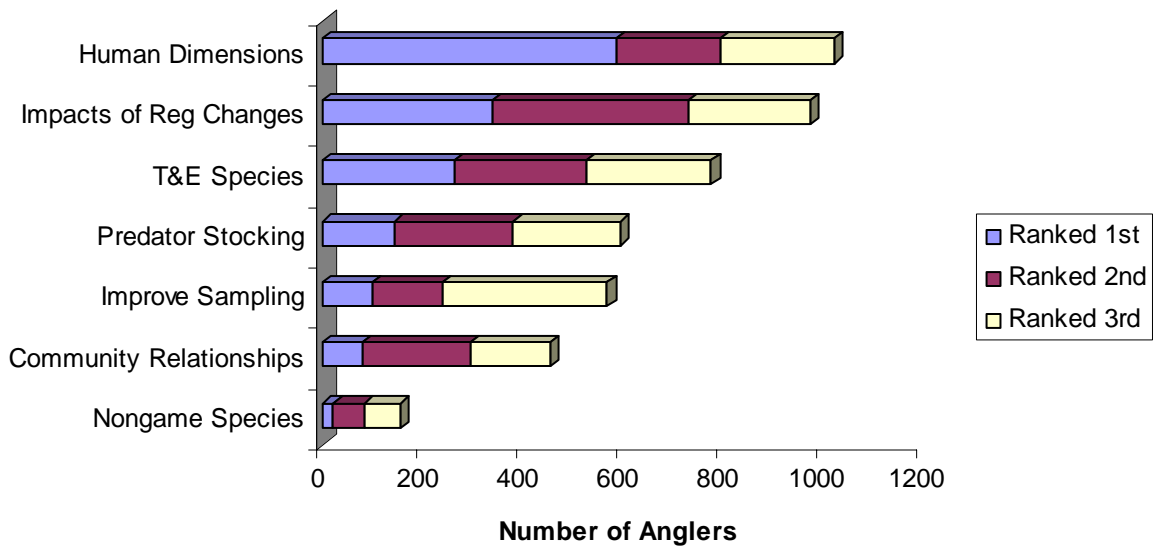


Figure 30. Please rank the top three of areas of *fisheries research*.



Habitat management and protection

Respondents were asked to rate the importance of factors relating to habitat management and protection (Figure 31). Respondents felt that protection from residential and commercial development was most important when dealing with habitat management and protection and water quality and watersheds were a close second. After rating the importance of the different factors of habitat management and protection, respondents were asked to choose the top three most important aspects in this category (Figure 32). Respondents felt that protection of water quality and watersheds was most important when dealing with habitat management and protection. Protection of habitat from residential and commercial development was a close second, followed by the protection of natural shorelines. Anglers deemed stream banks and floodplains as the least important factor in habitat management and protection.

Figure 31. Please rate the importance of the following types of *habitat management and protection*.

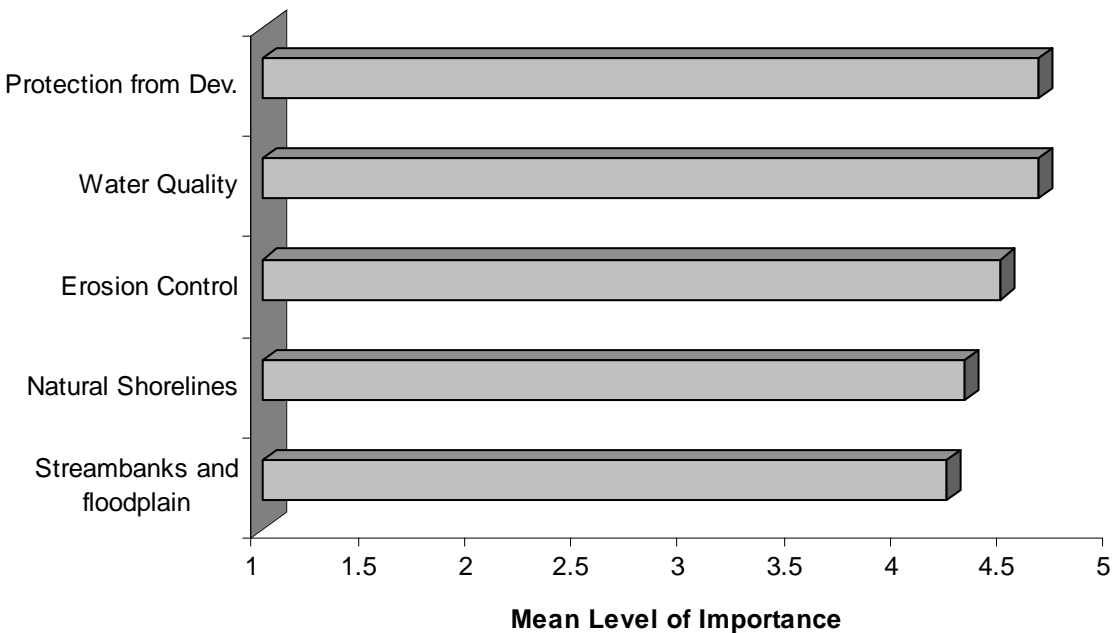
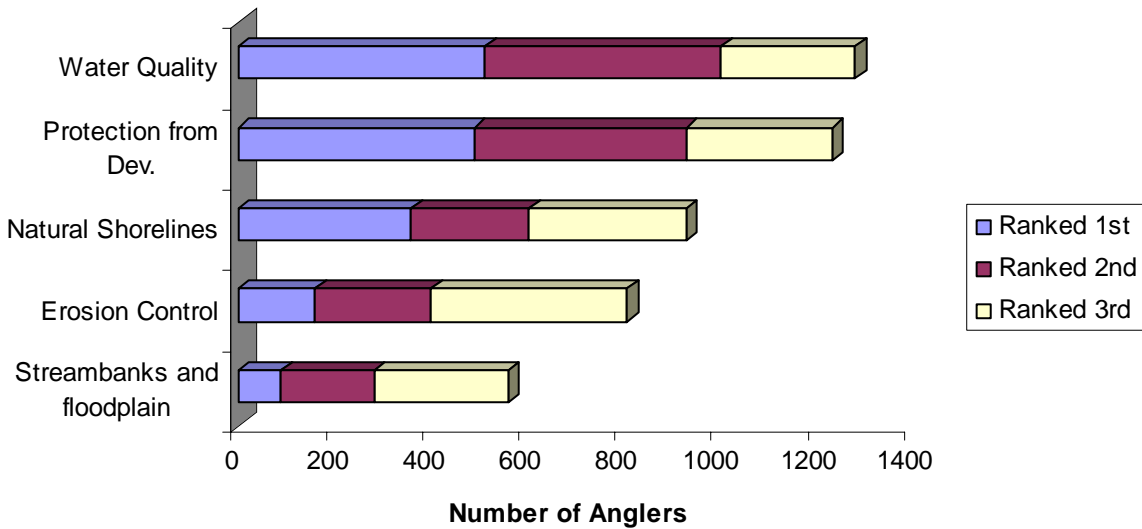


Figure 32. Please rank the top three areas of *habitat management and protection*.



Management of Lakes, Reservoirs, and Streams

Anglers were asked about their management preferences for species in lakes and reservoirs (Figure 33). Again, respondents were asked to rate how important each species was to them on a scale from (1) not important to (5) very important. Largemouth bass, smallmouth bass, crappie, bluegill, and walleye had the highest mean importance levels. When anglers were then asked to rank the top three species found in lakes and reservoirs, largemouth bass, crappie, bluegill were the top three species (Figure 34).

Figure 33. Please rate the importance of the following fish species that could potentially be managed for in *lakes and reservoirs*.

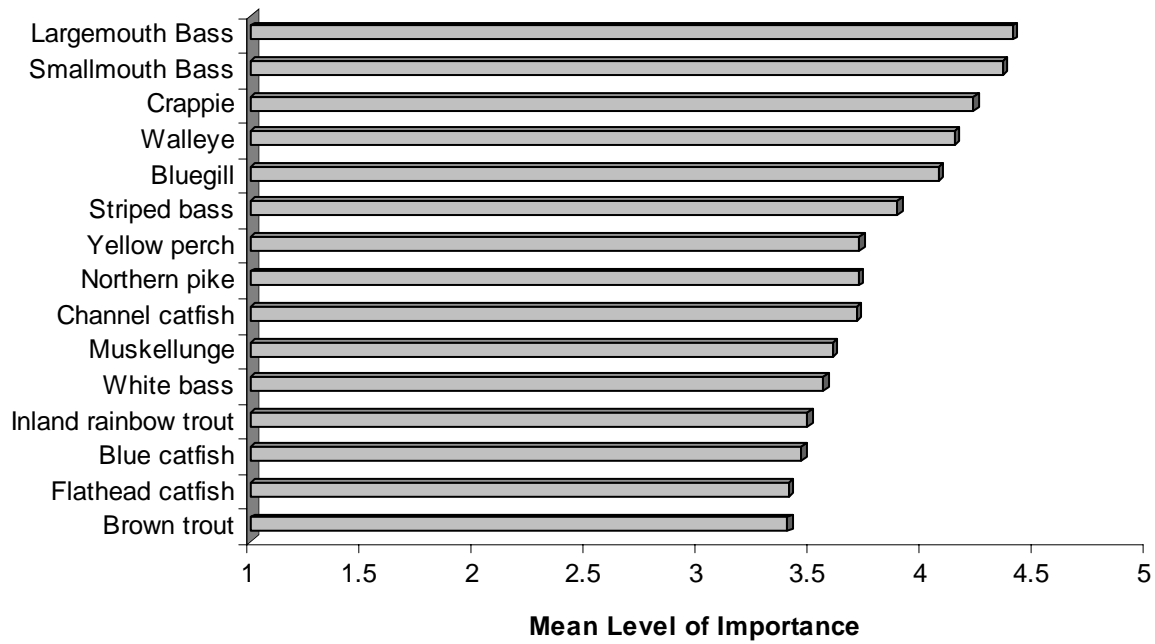
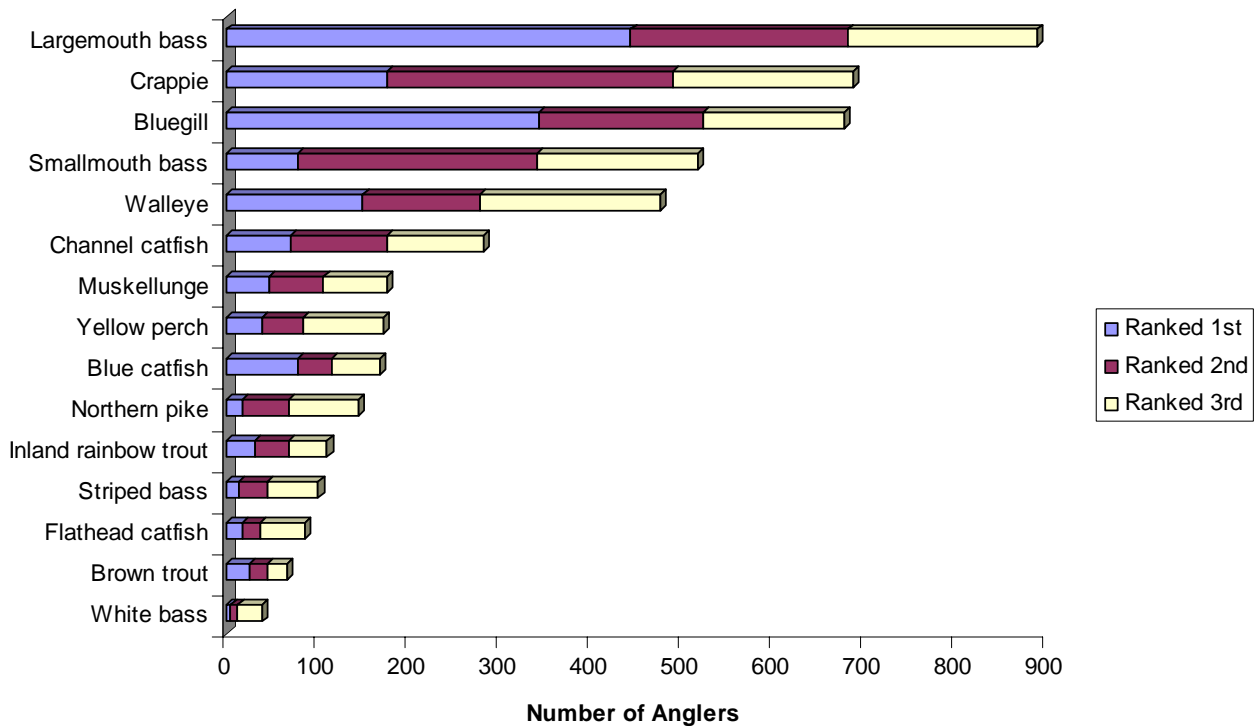


Figure 34. Please rank the top three fish species importance for *lakes and reservoirs*.



For Lake Michigan, the five species that had the highest mean levels of importance were walleye, smallmouth bass, Coho salmon, steelhead, and Chinook salmon (Figure 35). When choosing the top three most important species in Lake Michigan and its tributaries, anglers chose walleye, smallmouth bass, and yellow perch as the most important species (Figure 36).

Figure 35. Please rate the importance of the following fish species that could potentially be managed for *Lake Michigan and its tributaries*.

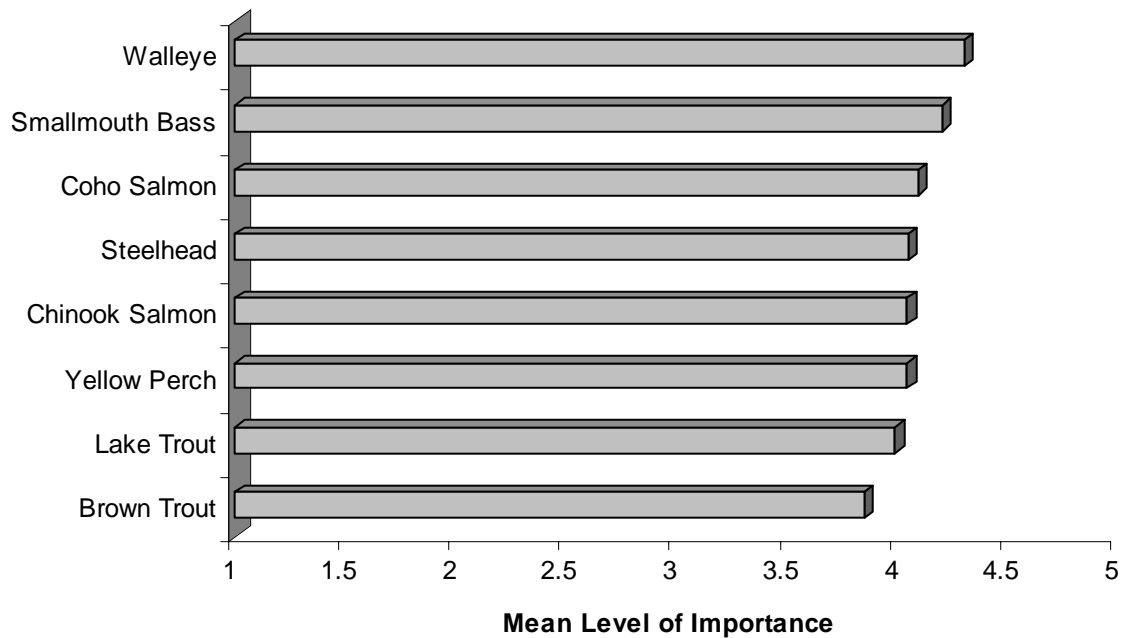
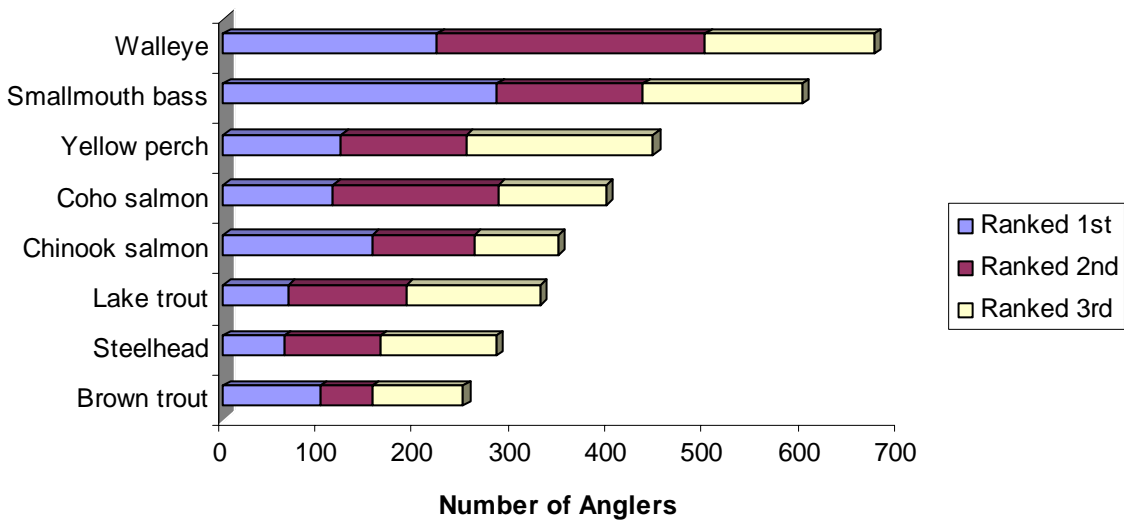


Figure 36. Please rank the top three fish species importance for *Lake Michigan and its tributaries*.



Finally, for rivers and streams, the top five species receiving the highest mean importance levels were smallmouth bass, largemouth bass, walleye, crappie, and channel catfish (Figure 37). When anglers were asked to rank the top three species in rivers and streams by importance, the most important were smallmouth bass, largemouth bass, and walleye (Figure 38).

Figure 37. Please rate the importance of the following fish species that could potentially be managed for in *rivers and streams*.

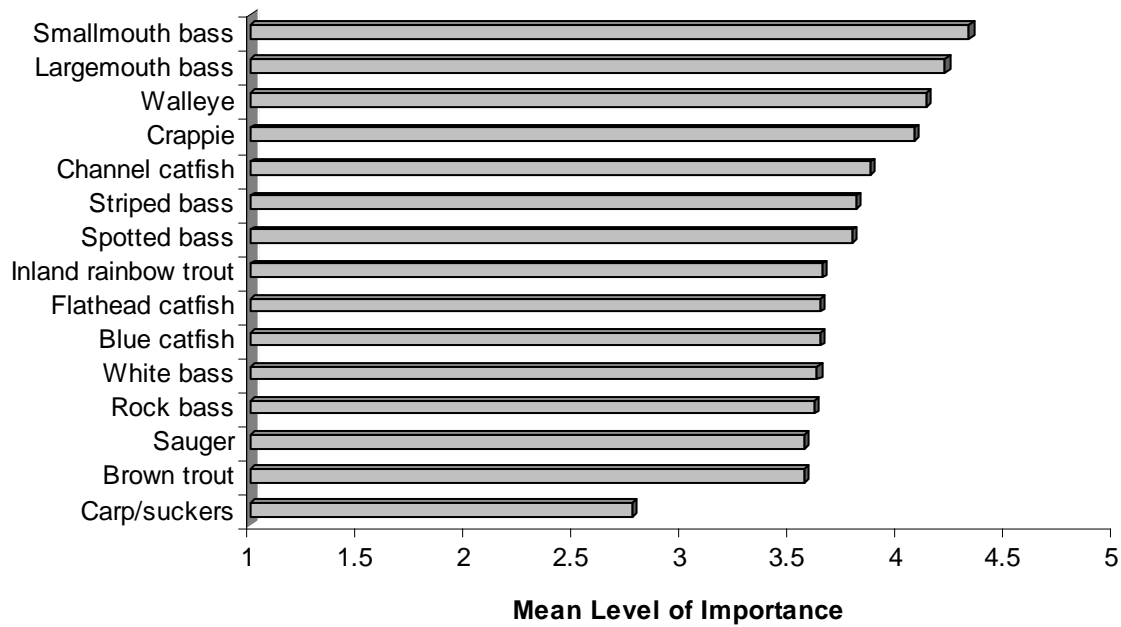
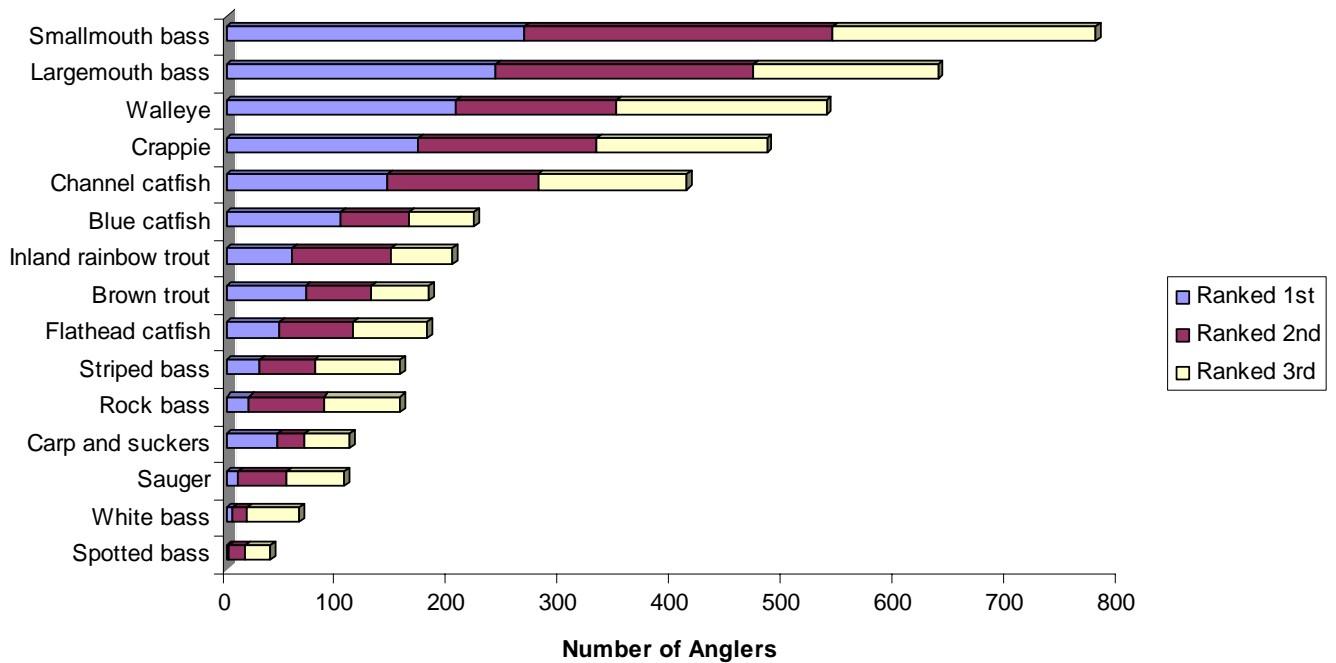


Figure 38. Please rank the top three fish species importance for *rivers and streams*.



Public Access, Fishery Resource Issues, and Law Enforcement

Other areas in which the DFW works include: providing public access, addressing other fishery resource issues, and law enforcement. Anglers were again asked to rate how important each component of public access, law enforcement, and other fishery resource issues was to them on a scale from (1) not important to 5 (very important). They were also asked to rank the top three components within each of these sections. In terms of public access, anglers gave the highest mean importance levels to large reservoirs, large rivers, and natural lakes (Figure 39). When asked to rank the top three areas they feel are most important to have public access to, they felt large reservoirs, small reservoirs, and natural lakes were the most important (Figure 40).

Figure 39. Please rate the importance of *public access* to the following areas.

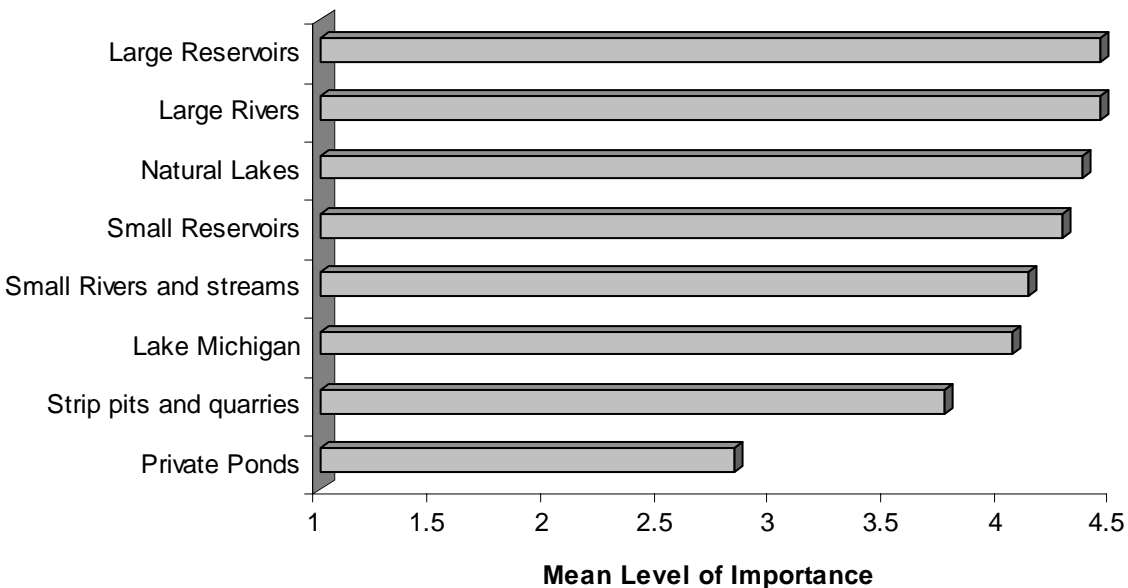
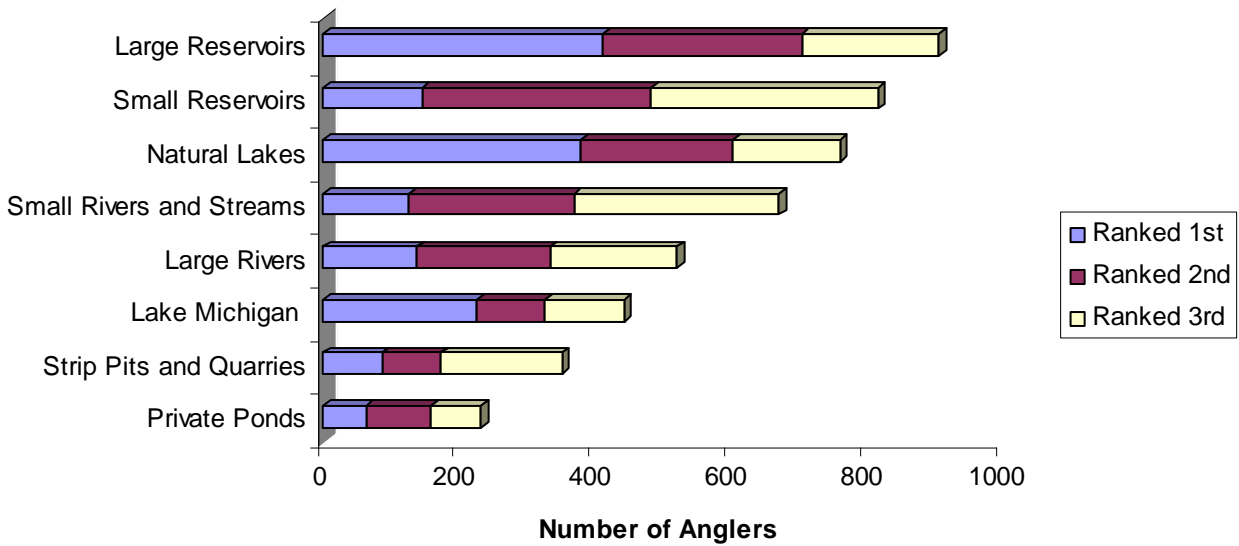


Figure 40. Please rank the top three areas of *public access* by importance.



Respondents indicated that invasive species control, consumption advisories, and management of threatened and endangered species are the most important fishery resource issues when looking at the mean importance levels of their ratings (Figure 41). Invasive species control, consumption advisories, and management of threatened and endangered species were also the top three components when the respondents ranked the components of fishery resource issues (Figure 42).

Figure 41. Please rate the importance of the following *fishery resource issues*.

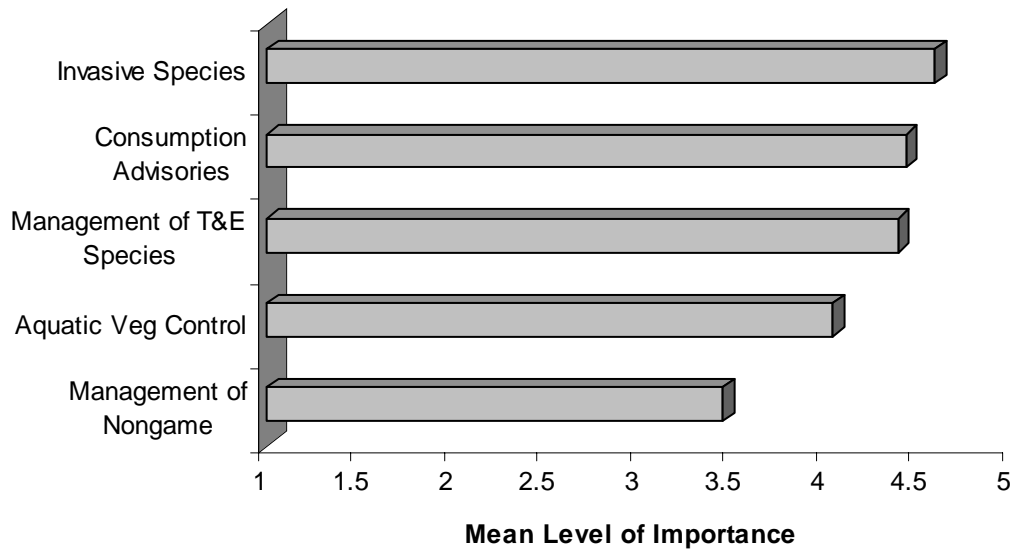
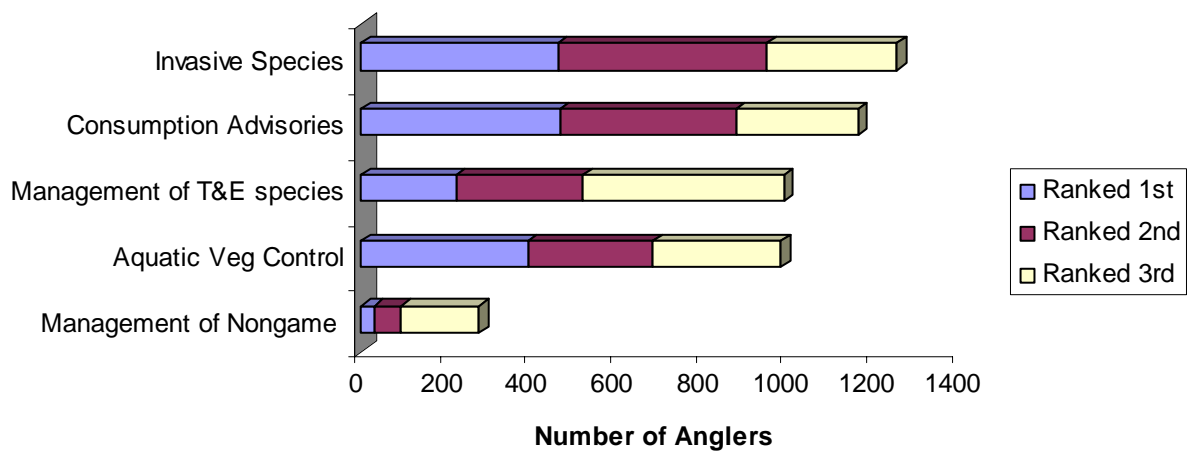


Figure 42. Please rank the top three areas of *fishery resource issues* by importance.



Respondents rated water quality/ pollution, habitat destruction and boating activities as areas where law enforcement is important (Figure 43). When asked to rank the top three components of law enforcement, respondents considered water quality as the most important issue, habitat destruction on lakes and streams as the second most important issue, followed by protection for threatened and endangered species as the third most important issue (Figure 44).

Figure 43. Please rate the importance of the following areas of *law enforcement*.

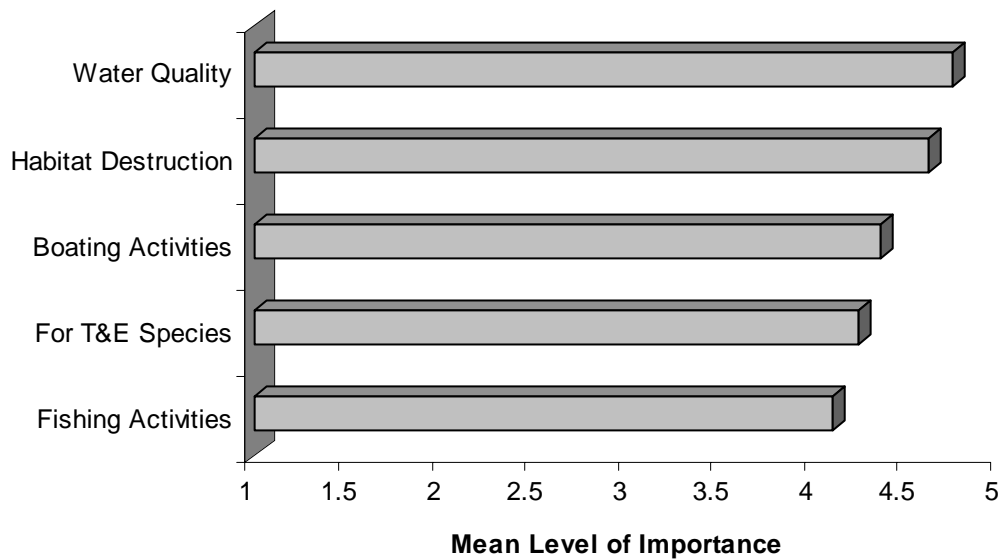
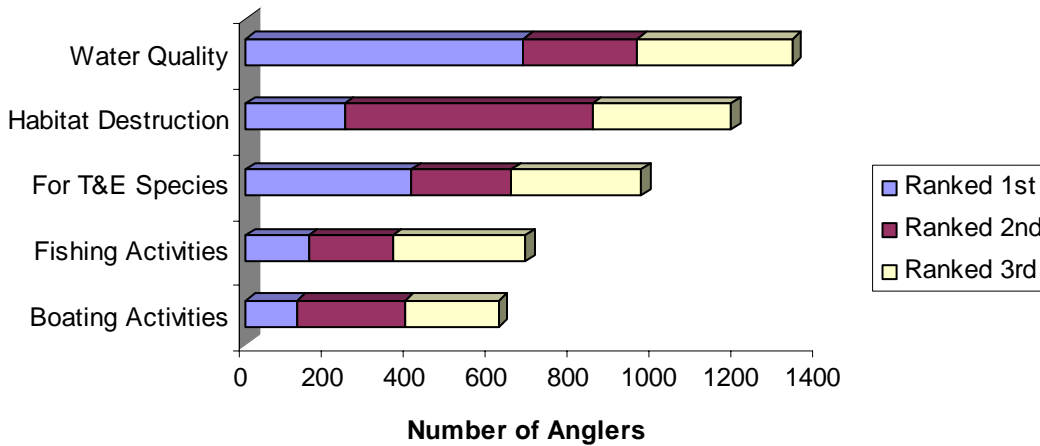
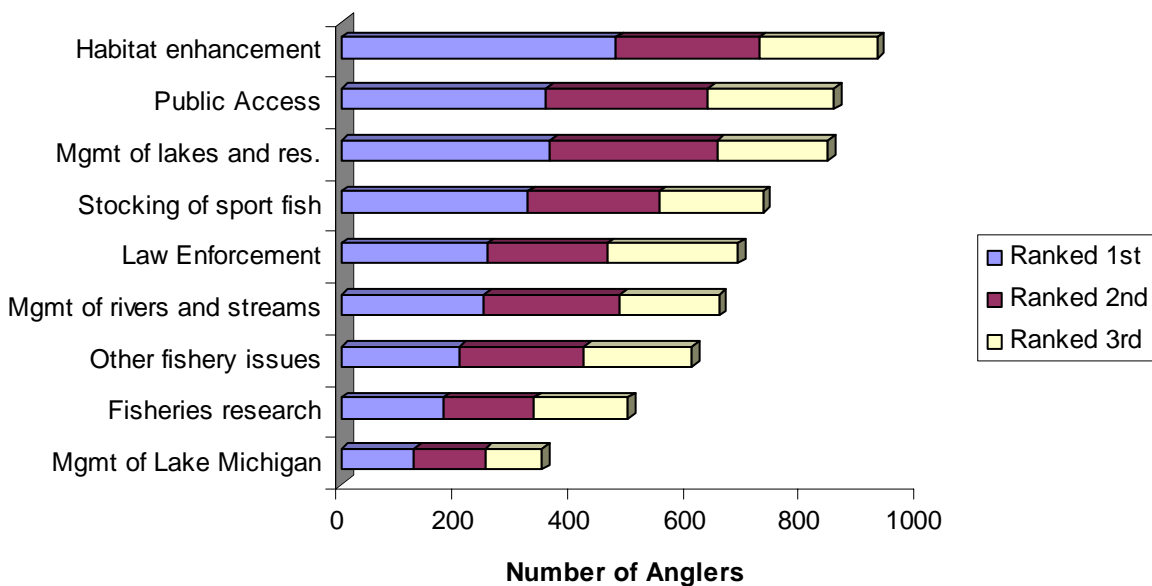


Figure 44. Please rank the top three areas of *law enforcement* by importance.



For the nine areas in which the DFW spends the majority of its resources, respondents were asked which of these areas they felt should receive the *most* emphasis by the fisheries section (Figure 45). Habitat enhancement and protection, public access, and management of lakes and reservoirs were ranked highest among respondents. The management of Lake Michigan and its tributaries were ranked the lowest in terms of level of emphasis desired.

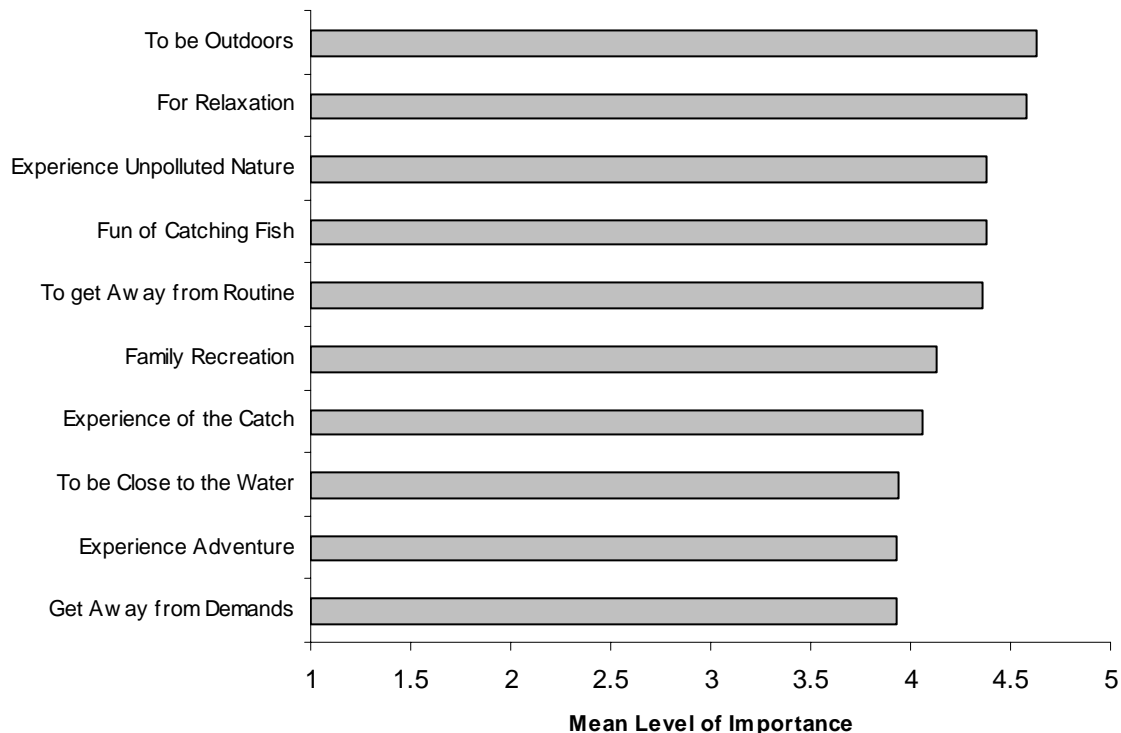
Figure 45. Please choose the top three areas that you feel should receive the most emphasis by the Fisheries Section.



Angler Motivations

Anglers go fishing for many reasons and benefit from fishing in many ways. Anglers were presented with a list of 18 different reasons *why* people fish and were then asked to state if each of these reasons was not important (1), of little importance (2), somewhat important (3), important (4), or very important (5) in terms of why they fish.³ The top five reasons that Indiana anglers fish are: to be outdoors, for relaxation, to experience unpolluted nature, for the fun of catching fish, and to get away from the regular routine. The top ten results by mean importance levels are shown in Figure 46.

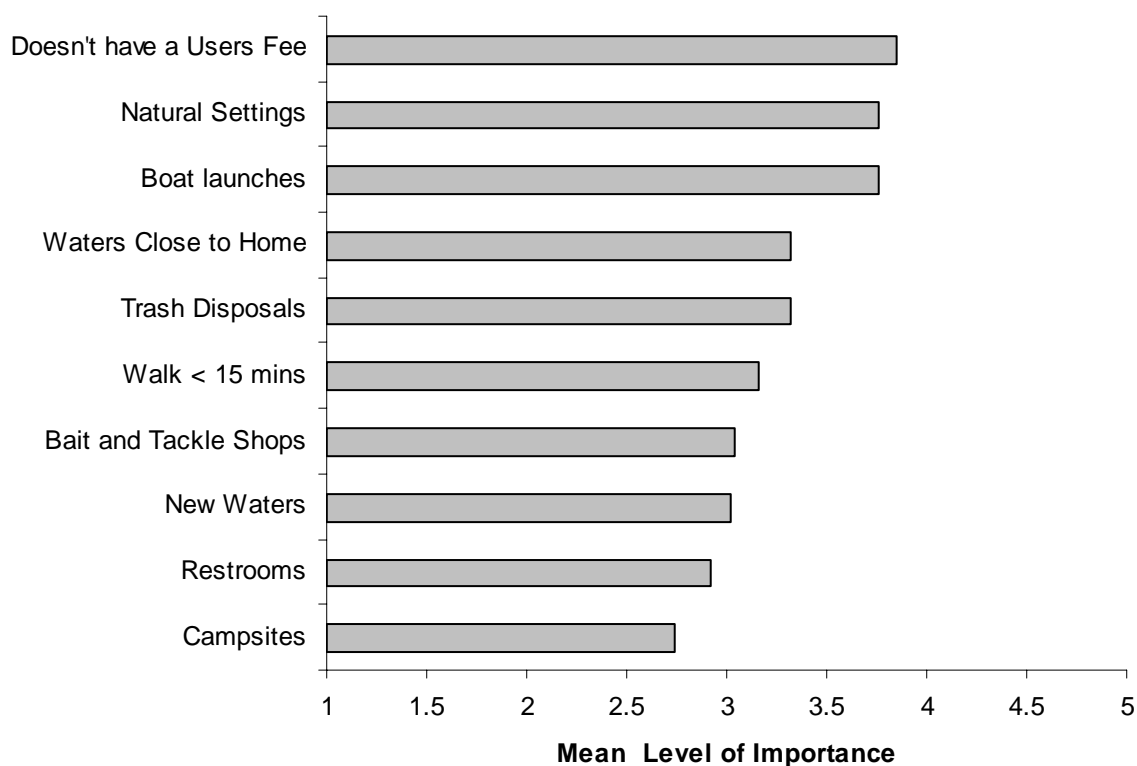
Figure 46. Please indicate how important each of the following is to you when thinking about your fishing experience.



³ Hunt, K.M. and R.B. Ditton. 1997. The social context of site selection for freshwater fishing. *North American Journal of Fisheries Management* 17(2): 331-338

Anglers were also presented with a list of 14 factors that may influence *where* they fish.⁴ Again, respondents were asked to rate each of these factors from (1) not important to (5) very important. The top five factors that influence where Indiana anglers fish were fishing in an area that doesn't have a users fee, fishing in natural settings with few man-made structures, fishing where boat launches are available, fishing in waters that are close to home, and having a place to fish where trash disposals are available. The top 10 results by mean importance levels are shown in Figure 47.

Figure 47. Please indicate how important each of the following is to you when thinking about your fishing experience.



⁴ Hunt, K.M. and R.B. Ditton. 1997. The social context of site selection for freshwater fishing. *North American Journal of Fisheries Management* 17(2): 331-338

Open Ended Comments

A portion of the back page of the survey was set aside for open-ended comments. Respondents were to use that the space for anything else that they would like to tell the DFW about their fishing experience or preferences in Indiana. We created an open-ended comments database and conducted a thematic analysis of the comments. Of the 1,887 respondents, 33% (n= 625) of anglers took advantage of the open-ended comment section. The categories and the number of comments made in each category are shown in Tables 2 and 3. There were 44 respondents who made comments across multiple categories. Anglers commented most about policies and regulations such as creel and slot limits, catch and release, public access, and closed seasons. Habitat enhancement and protection, public access, and law enforcement also garnered significant number of comments from anglers.

Table 2. Open-ended comments relating to human dimensions of fisheries management.

Categories	Number of Comments	Category %	Total %
Attitudes Towards Policies and Regulations (n=55)			
Comments on creel and slot limits	43	49%	22.2
-In favor	34		
-Opposed	9		
Comments about catch and release	14	16%	
-In favor	12		
-Opposed	2		
Thoughts on how DNR should work with homeowners for more public access	14	16%	
Other Fishing Policies	10	11%	
Closed Seasons as being a positive aspect for fishing quality	7	8%	
Thoughts about Fishing Licenses (n=43)			
Senior Licenses	23	38%	17.3
-In Favor	21		
-Opposed	2		
The price of fishing licenses too high	21	34%	
Discount license for people with disabilities and veterans	7	11%	
Law enforcement and fishing licenses	4	7%	
How licenses are distributed	3	5%	
Using Social Security numbers for licenses	2	3%	
The way licenses look and wear	1	2%	
Angling Motivations (n=39)			
Who they fish with	20	40%	15.7
Why anglers fish	17	34%	
What they get out of fishing	13	26%	
Comments about Survey (n=30)			
Gratitude towards Survey	22	54%	12.1
Comments about specific questions	9	23%	
Length of survey too long	6	15%	
Reasons why survey was difficult to answer	3	8%	
Unrelated (n=25)			
Misc. Comments	19	76%	10.1
Hunting statements	6	24%	
Lapsed Anglers (n=24)			
Why they stopped fishing (no time, no place to go fishing, fishing in other states, etc.)	15	62%	9.7
What would make them fish again	9	38%	
Financial Issues (n=20)			
Rising Costs of gas, licenses etc...	9	32%	8.1
Questions regarding how state/DNR money spent	8	30%	
Camping	5	19%	
Access fees too high	5	19%	
Education/information (n=12)			
Educational needs of anglers	10	50%	4.8
Comments on website/information dispensing	6	30%	
Information needed by anglers (how, where to fish)	4	20%	
TOTAL	248	-	100%

Table 3. Open-ended comments relating to fisheries management.

Categories	Number of Comments	Category %	Total %
DFW Fisheries Section (n=133)			
Habitat enhancement and protection	74	42%	39.9
Public Access	64	35%	
Law Enforcement	28	15%	
Lake Michigan management	8	4%	
Handicap accessibility	8	4%	
Fishing Preferences- Quality of Fishing (n=57)			
Quality of fish that are caught	23	31%	17.1
Thoughts about quality of fishing experience	22	29%	
Aspects that negatively impact fishing experience including pollution, silt runoff, erosion, vegetation	17	23%	
Aspects that negatively impact fishing experience- noise, litter, crowdedness.	9	12%	
Access to fishing areas	4	5%	
Fish Species and Stock Preferences (n=42)			
Which species anglers would like to see stocked in particular areas	32	53%	12.6
Attitudes toward current stocking levels	12	20%	
Fisheries management and research	10	16%	
Species and locations	7	11%	
Fishing Preferences -Where to Fish (n=38)			
Which specific bodies of water anglers fish in (Patoka Lake, etc.)	21	43%	11.4
Where new fishing opportunities are desired	20	41%	
Which bodies of water are most desirable (rivers, reservoirs, etc.)	8	16%	
Comments on speed boats and jet skis (n=32)			
New policy ideas regarding speed boats	20	38%	9.6
How recreational vehicles degrade quality of fishing experience	19	36%	
More law enforcement needed regarding recreational vehicles	14	26%	
Thoughts about Tournaments (n=17)			
Thoughts about how tournaments should be handled	23	76%	5.1
Degradation of fishing experience due to tournaments	5	17%	
People who enjoy tournaments	2	7%	
Recreation (n=14)			
Campsites	7	50%	4.2
Public facilities including restrooms	7	50%	
TOTAL	333	-	100%

Data Analysis

We conducted data analysis to further examine the role of demographics in fishing preferences, to further study lapsed anglers, and to better understand angling motivations. To determine if there were any significant differences between age and respondents self-reported skill level (beginner, average, above average, expert), we conducted a one-way Analysis of Variance (ANOVA). There were no significant differences between the age of the angler and the skill level (Table 4).

Table 4. Comparison of age and skill level.

Skill Level	Mean Age (yrs)	F statistic	df	p value
Beginner	47.83	2.124	3	.095
Average	47.92			
Above Average	46.92			
Expert	44.35			

We also wanted to investigate whether skill level varied by fishing club membership, tournament participation, and rating of fishing quality in Indiana. A t-test was conducted to compare the mean skill level and whether or not the angler participated in a tournament. There was a significant difference in skill level between those who participated in fishing tournaments and those who did not fish in tournaments ($t= 46.208$, $df=1$, $p<.001$). The average skill level of those who participated in tournaments (mean=2.73, sd=.5720) was significantly higher than the average skill level of those who did not participate in tournaments (mean=2.36, sd=.63). Additionally, a t-test was conducted to compare the mean skill level and whether or not the angler belonged to a fishing club. There was a significant difference in skill level between those who belonged to a fishing club and those who did not belong to a fishing club ($t= 45.252$, $df=1$, $p<.001$). The average skill level of those who

belonged to a fishing club (mean=2.83, sd=.6139) was significantly higher than the average skill level of those who did not belong to a fishing club (mean=2.36, sd=.6305). However, there was not a significant difference between skill level rating and rating of fishing quality in Indiana ($F=0.627$, $df=3$, $p=.597$). Anglers of all skill levels rated the fishing quality near 2.5 on a 4-point scale ranging from poor (1) to excellent (4).

To measure angler motivations, a scale of 18 items capturing the range of motivations was used on the survey. The items factored into 5 dimensions as determined by factor analysis: skills and trophies, thrill of the catch, rest and relaxation, experience nature, and sustenance. These 5 factors explain 67% of the variance in angling motivations and is reliable at accurately measuring angling motivations ($\alpha=0.893$) (Table 5).

Table 5. Angler Motivation Attitude Scale.

Angler Motivations Scale	Items	Variance Explained (%)
Factor 1 – Skills and Trophies	To obtain trophy fish	16.16
	To test my equipment	
	To win a trophy or prize	
	To develop my skills	
	For challenge or sport	
Factor 2 – Thrill of the Catch	For the experience of the catch	12.78
	To experience adventure and excitement	
	For the fun of catching fish	
	For challenge or sport	
Factor 3 – Rest and Relaxation	For relaxation	11.19
	To get away from the regular routine	
	To get away from the demands of other people	
Factor 4 – Experience Nature	To be outdoors	10.70
	To be close to the water	
	To experience unpolluted natural surroundings	
Factor 5 – Social Aspects	To be with friends	8.48
	For family recreation	
Factor 6 – Sustenance	To obtain fish for eating	8.11
	To catch a limit	
Cronbach’s Alpha = 0.893	Total Variance Explained	67.425

To determine overall attitudes toward angling motivations, the percent of individuals in agreement, neutral, and expressing disagreement is listed in Table 6 below. The most salient angling motivations were “thrill of the catch,” “rest and relaxation,” and “experiencing nature.”

Table 6. Agreement, disagreement, and neutral attitudes of respondents for the angler motivations attitude scales.

Subscale	Neutral Score	Range of Neutrality	% Expressing disagreement	% Expressing Neutrality	% Expressing Agreement
Skills and Trophies	1.560	0.340 to 2.781	66.0%	33.5%	0.5%
Thrill of the Catch	-1.678	-3.022 to -0.335	0.5%	32.6%	66.9%
Rest and Relaxation	-1.610	-2.600 to -0.619	1.9%	20.1%	78.0%
Experience Nature	-1.764	-3.181 to -0.348	1.1%	30.2%	68.7%
Social Aspects	-0.691	-1.676 to 0.294	6.8%	50.1%	43.1%
Sustenance	0.329	-0.110 to 0.768	45.9%	31.7%	22.4%

In all cases, active anglers held significantly stronger attitudes toward “skills and trophies,” “thrill of the catch,” and “experience nature” dimensions of fishing motivations compared to lapsed anglers. There was no difference in “rest and relaxation,” “social aspects,” and “sustenance” angling motivations between lapsed and active anglers (Table 7).

Table 7. Angling Motivations analyzed using t-tests for whether or not they fished in the last 12 months.

	t-statistic	Sig (2-tailed)	Did you fish?	N	Mean	Std. Dev.
Skills and Trophies	2.18	0.03	Yes	1344	0.016	1.004
			No	117	-0.193	0.892
Thrill of the Catch	5.13	0.00	Yes	1344	0.045	0.966
			No	117	-0.444	1.215
Rest and Relaxation	1.97	0.49	Yes	1344	0.011	0.982
			No	117	-0.179	1.179
Experience Nature	2.20	0.03	Yes	1344	0.024	0.973
			No	117	-0.187	1.188
Social Aspects	0.68	0.50	Yes	1344	0.005	0.996
			No	117	-0.061	1.010
Sustenance	0.45	0.66	Yes	1344	0.000	0.990
			No	117	-0.046	1.084

To measure angler preferences, a scale of 14 items capturing the range of fishing preferences was used on the survey. The items factored into 3 dimensions as determined by factor analysis: facilities, proximity, and undiscovered and fee free. These 3 factors explain 51% of the variance in fishing preferences and is reliable at accurately measuring fishing preferences ($\alpha=0.818$) (Table 8).

Table 8. Fishing preferences attitude scale.

Fishing Preferences Scale	Items	Variance Explained (%)
Factor 1 – Facilities	Fishing where restrooms are available	25.57
	Fishing where campsites are available	
	Fishing where boat launches are available	
	Fishing where picnic tables are available	
	Fishing where you don't have to walk more than 15 minutes	
	Fishing where boat rentals are available	
	Fishing where trash disposals are available	
	Fishing where bait and tackle shops are available	
	Fishing where piers or jetties are available	
Factor 2 – Proximity	Fishing in waters close to work	13.22
	Fishing in waters close to home	
Factor 3 – Undiscovered and Fee Free	Fishing in new waters	11.84
	Fishing in an area that doesn't have a user fee	
	Fishing in natural settings with few man-made structures	
Cronbach's Alpha = 0.818	Total Variance Explained	50.63

To determine overall attitudes toward angling motivations, the percent of individuals in agreement, neutral, and expressing disagreement is listed in Table 9 below. The most salient fishing preference for this sample was “undiscovered and fee free.”

Table 9. Agreement, disagreement, and neutral attitudes of respondents for the fishing preferences attitude scales.

Subscale	Neutral Score	Range of Neutrality	% Expressing disagreement	% Expressing Neutrality	% Expressing Agreement
Facilities	0.284	-0.342 to 0.910	36.8%	44.5%	18.7%
Proximity	0.407	0.139 to 0.674	55.3%	20.3%	19.2%
Undiscovered and Fee Free	-0.834	-1.178 to -0.490	11.2%	19.2%	69.6%

Lapsed anglers held significantly weaker attitudes toward “undiscovered and fee-free” when compared to active anglers. There were no differences between active and lapsed anglers in preferences for “facilities” or “proximity” (Table 10).

Table 10. Fishing Preferences analyzed using t-tests for whether or not they fished in the last 12 months.

	t-statistic	Sig (2-tailed)	Did you fish?	N	Mean	Std. Dev.
Facilities	-0.20	0.85	Yes	1462	-0.003	1.001
			No	141	0.014	0.981
Proximity	0.20	0.84	Yes	1462	0.004	1.007
			No	141	-0.014	0.906
Undiscovered and Fee-Free	3.17	0.00	Yes	1462	0.021	1.000
			No	141	-0.254	0.984

While active anglers are slightly more educated and earn higher incomes compared to lapsed anglers, these were not significant differences (Table 11). There was no difference between active anglers and lapsed anglers in spouses that fish or having a disability that limits fishing. However, lapsed anglers were more likely to have children under 17 living at home than were active anglers (Table 12).

Table 11. Respondent Demographics analyzed using t-tests for whether or not they fished in the last 12 months (Q1).

	t-statistic	Sig (2-tailed)	Did you fish?	N	Mean	Std. Dev.
What is your best estimate of your total household income in 2004?	0.53	0.60	Yes	1517	6.209	2.674
			No	151	6.086	3.059
What is the highest education level you have completed as of 2004?	1.28	0.20	Yes	1583	4.264	1.560
			No	167	4.096	1.618

Table 12. Dichotomous Respondent Demographics evaluated using Pearson Chi-Square for whether or not they fished in the last 12 months.

	Pearson Chi-Square	Asymp. Sig.	N	Response	Did you fish?	
					Yes (n)	No (n)
Does your spouse fish?	1.107	0.293	1558	Yes	911	94
				No	510	43
Do you have persons under the age of 17 living in your house?	10.007	0.002	1813	Yes	628	43
				No	1018	124
Does your age/disability limit your access to fishing opportunities in IN?	0.68	0.41	1792	Yes	108	14
				No	1516	154

Summary and Policy Recommendations

The 2005 Indiana licensed Angler Survey provided further insight into Indiana anglers, their preferences, motivations, and opinions regarding fishing in Indiana. Respondents perceived both the overall performance of the DFW and the quality of fishing in Indiana as fair to good. Anglers prefer to catch bluegill, crappie, and largemouth bass and would like to see walleye, channel catfish, and striped bass stocked. As for DFW rules and regulations, anglers held the strongest attitudes in favor of catch and release for muskie, smallmouth bass, and bass on designated lakes, streams, and during spawning season. They also felt strongly that there should be tighter regulations on fishing tournaments. The mean support level afforded any potential or actual DFW regulations was not above 3.6 on a 5-point scale; anglers were indifferent about regulations regarding imposing harvest limits, size limits, catch limits, number of anglers, and closed seasons. Anglers felt that over harvesting limits future fishing quality and that stricter water quality regulation would lead to improved fishing. Availability of public access was an important aspect of what DFW does from the perspective of anglers.

For activities related to the DFW mission, habitat enhancement, management of lakes and reservoirs, and providing public access were what anglers ranked highest. Within human dimensions of fisheries research anglers would most like to see an emphasis on angler opinions and attitudes toward current and proposed fishing management. Anglers also stated that water quality and protection of habitat from residential and commercial development were the most important aspects of habitat management and protection. For the management of fish species in lakes and reservoirs, anglers feel it is most important to manage for largemouth bass and bluegill. For fish species being managed for in Lake Michigan and its tributaries anglers feel that smallmouth bass and walleye were the most important fish to manage for. Also, anglers feel the most important fish

species to be managed for in rivers and streams are smallmouth bass and largemouth bass. Anglers also stated that it is important to have public access to both large reservoirs and natural lakes. They would also like to see active management of invasive/exotic species. In terms of law enforcement, anglers felt the most important areas were in regards to water quality and threatened and endangered species.

Anglers' fish mainly for the thrill of catching fish, for rest and relaxation, and to experience nature. The least salient angling motivations were fishing for trophies and for sustenance. Hoosiers prefer to fish in locations that are undiscovered and without fees; fishing where there are developed facilities and in areas that are close to home or work were much less important.

This survey provided key input that can shape DFW outreach, education, and programmatic strategies. Recommendations are listed below:

- **Lapsed Anglers:** Lapsed anglers, defined as those anglers that have fished in the past but let their license lapse in the past year, could be targeted for a marketing campaign. Lack of interest, transportation, and unawareness of regulations were not major issues for this group. Therefore appealing to the primary factors that *did* matter such as involving a family member, friend, or a child in their fishing experience would be enough to potentially get them back “on the hook.” Secondary factors in letting their licenses lapse were not having places to fish, not having anyone to fish with, and license fees being too high. Secondary factors to motivate these lapsed anglers were one stop equipment and license, tournaments, and providing gear. Lapsed anglers were also more likely to have children at home than

were active anglers. Messages related to the family-centered, social, and relaxation aspects of fishing would be well received by this group.

- **Engaging Female, African-American, Hispanic, and Younger Anglers:** In terms of demographics, anglers in Indiana that responded to the survey are not representative of statewide demographics for gender and some ethnicities. Additional DFW efforts could be targeted at increasing female, African-American, and Hispanic anglers. Respondent anglers were representative of American Indian and Asians in Indiana. Also, the age distribution shows that over 78% of anglers are 40 years and above. Engaging the younger generations (39 years and under) could be another segment of potential anglers to target.
- **Using Technology:** Web-based technology can be a useful means to reach lapsed, active, and potential anglers. More anglers are purchasing their licenses on-line and the DFW website was identified as a useful source of information by Hoosier anglers. Additionally, the point-of-sale system for purchasing licenses could be utilized to gather information from anglers yearly. Both of these routes could be utilized to collect human dimensions information on a more frequent basis.

Acknowledgements

We would like to thank all of the anglers in Indiana that participated in this survey and also the focus group participants and IDNR DFW District Biologists for providing feedback during the development of the survey. Also, this work would not have been possible without the support, guidance, and insights of Matt Burlingame and Stu Shipman. The IDNR DFW provided funding the carry out this project.

APPENDIX A

FOCUS GROUP

A pre-test focus group was held on September 2, 2004. The purpose of the focus group was to obtain feedback on the content and layout of the survey and accompanying cover letters prior to mailing the survey to the full sample. The seven participants in the focus group represented sports fishing groups and businesses. In addition to the focus group participants, the DFW District Biologists also reviewed the survey questions and provided input as to the survey content.

The results of the pre-test were as follows:

Completion Time for Survey

- Average completion time=24 minutes
- range of 21-29 minutes

Suggested Revisions to the Initial Postcard

- In 2nd paragraph of postcard, take out “by mail in the next few days”
- Stress level of importance
- State ability to answer open ended questions
- Mention comment section at end of survey

Suggested Revisions to the Letter

- Move 2nd to last paragraph to beginning of letter
- List actual amount of license dollars that will be spent
- List how much money is coming back
- Thank for time in completing survey
- Mention comment section at end of survey
- Stress level of importance

Suggested Revisions to the Survey

Changes

- Eliminate Q4
- Use letters next to fish species in Q11
- In all tables use alternate shading
- Add catch and release for muskie to Q19, increase font size, and add specificity (“...on designated waters” or “...during spawning”)
- Rephrase Q20 to ask if aware of senior license and then if in favor of it (make into 2 questions rather than one)
- Shade box above Q21
- Combine c. and d. in Q22 and add protection from residential and commercial development and erosion control
- Add yellow perch to Q24
- In Q26 possibly include something about opening private ponds to public fishing (done in Kansas)
- In Q21-Q28 bold subject of table
- In Q29 reference Q11 in last option
- In Q31 add “fishing in” to beginning of options
- Also add “Fishing in waters close to home” to Q31
- Split Q33 – Do you have persons under 17 living in your house? How many fished since 2003?
- Add filter Q before Q38 (this question should really be on 1st page after Q1; perhaps there will be space since we are eliminating Q4)
- Comment space not very large, maybe rearrange back page

Possible New Questions

- In favor of catch and release?
- Ask about fishing technique
- Ask about DFW open house sessions and whether they have participated
- How often do you use DFW website? How useful was it?
- How many license holders are members of fishing clubs?

Other Comments & Concerns

- In Q18, responses should be used to guide education, not management decisions
- Walleye fishermen not aware of size limits by location
- Catfish not sampled in stream surveys, very high catch limits
- Utilitarian limits – IDNR
- Over harvesting
- Harvesting of undersized fish
- Hispanic fishing practices

APPENDIX B

POSTCARD and COVER LETTERS

Mailing #1: Survey Pre-notification (Postcard)



Dear First name Last Name,

About a week from now, you will receive in the mail a request to participate in an important research project being conducted by the Division of Fish and Wildlife. We are conducting a survey seeking your thoughts about fishing in Indiana. The results of this important study will be used to help fisheries managers and policy-makers better understand how to meet the needs and concerns of Indiana anglers so that we may improve fishing opportunities in Indiana. We encourage you to also take this opportunity to express your views in the open-ended comment section of the survey.

I hope you will take a few minutes to complete the survey when it arrives. Thanks in advance for your help with this important study

Warmest Regards,

A handwritten signature in black ink that reads "Glen Salmon". The signature is written in a cursive, flowing style.

Glen Salmon
Director
IDNR Division of Fish and Wildlife

Mailing #2: Cover letter to accompany survey

Dear First Name Last Name,

As the Director of the Indiana's Division of Fish and Wildlife, I invite you to participate in an important study seeking your thoughts on fishing and fisheries management in Indiana. I believe that anglers play an important role in fish management and **our findings will offer the Division of Fish and Wildlife, policy-makers, anglers, and the public important insights into the critical issues regarding fishing in Indiana.** The results of this survey will have a major impact on where and how we spend our \$4.8 million license dollars. With your input, we'll be working hard to convert those dollars into the best fishing possible.

Your response is very important for an accurate account of where people fish, what they fish for, and what type of fishing they want in the future. As the Director, I express my support and interest in the study findings and understand the importance of this research effort headed by Purdue University and the Division of Fish and Wildlife. A select group of anglers in Indiana are participating in the survey, thus it is vital that **you be represented** as we want the results to truly represent anglers' views. This is your chance to be heard!

Who should respond to the survey? Names for the survey mailing list were drawn randomly from resident fishing license sales. Please, only the person listed on this letter should answer these questions, even though a friend or family member may have greater fishing experience. This questionnaire should not take long to complete. Please read the questions and respond with your most complete and accurate estimate. Report only *your* attitudes about Indiana fish and fishing.

You may be assured of complete confidentiality. We will never associate your name with your responses. The questionnaire has a tracking number for mailing purposes only so that we may check your name off of our mailing list once you have returned your completed survey. Any information we report will be combined with those from other respondents and not traceable to any individual.

Your participation in this survey is completely voluntary. Your response is very important to us! You can answer only those questions you feel comfortable responding to.

As the Director of the Division of Fish and Wildlife, I am a strong advocate for this research and await your response on your experiences, challenges, and opportunities associated with angling in Indiana. Please feel free to express any additional comments on the back page of the survey. If you have questions or need clarification, please contact Matt Burlingame or Stu Shipman at (260) 691-3181 and they will be more than happy to answer any questions you might have about this survey. Thanks for your time!

Sincerely



Glen Salmon
Director, IDNR Division of Fish and Wildlife



Dear First name Last Name,

Last week a survey seeking your thoughts about fishing in Indiana was mailed to you. I would like to thank all of you who have already completed the survey and returned it. For those who have not yet had time to complete it, *please consider doing so today*. Your participation is very important to the success of this study. It is only by asking people like you that we can learn about anglers' fishing experiences and improve fishing opportunities in Indiana.

If you did not receive a survey, or it was misplaced, please call Matt Burlingame or Stu Shipman at (260) 691-3181 and we will get another one in the mail to you today.

Warmest Regards,

A handwritten signature in black ink that reads "Glen Salmon". The signature is written in a cursive, flowing style.

Glen Salmon
Director
IDNR Division of Fish and Wildlife

Mailing #4: Cover letter to accompany 2nd copy of survey

Dear First Name Last Name,

About three weeks ago we wrote to you seeking your thoughts on fishing experiences in Indiana. As of today we have not yet received your completed survey. We have undertaken this study because of the belief that anglers play an important role in fish management. We believe our findings **will offer the Division of Fish and Wildlife, policy-makers, anglers, and the public important insights into the critical issues regarding fishing in Indiana.** We're writing to you again because of the significance each survey has to the usefulness of this study. The results of this survey will have a major impact on where and how we spend our \$4.8 million license dollars. With your input, we'll be working hard to convert those dollars into the best fishing possible.

Who should respond to the survey? Names for the survey mailing list were drawn randomly from resident fishing license sales. Please, only the person listed on this letter should answer these questions, even though a friend or family member may have greater fishing experience. This questionnaire should not take long to complete. Please read the questions and respond with your most complete and accurate estimate. Report only *your* attitudes about Indiana fish and fishing.

You may be assured of complete confidentiality. We will never associate your name with your responses. The questionnaire has a tracking number for mailing purposes only so that we may check your name off of our mailing list once you have returned your completed survey. Any information we report will be aggregated and not traceable to any individual. Your response is very important to us! The number of responses we receive will determine the value of this survey. If our results are to represent anglers' views, it is essential that you respond to the questionnaire and return it as soon as possible. This is your chance to be heard!


Your participation in this survey is completely voluntary. You can answer only those questions you feel comfortable responding to. In the event that the questionnaire sent previously has been misplaced, a replacement is enclosed.

The results of this survey will have a major impact on where and how we spend our license dollars. With your input, we'll be working hard to convert those dollars into the best fishing possible. Thank you for your time in helping us to improve Indiana fishing.

If you have questions or need clarification, please contact Matt Burlingame or Stu Shipman at (219)691-3181 and they will be more than happy to answer any questions you might have about this survey.

Again, your participation is important to our project and the future of fishing in Indiana and your cooperation is greatly appreciated!

Sincerely,



Glen Salmon
Director, IDNR Division of Fish and Wildlife

Mailing #5: Cover letter to accompany 3rd and final copy of survey

Division of Fish and Wildlife
Indiana Department of Natural Resource
Glen Salmon, Director
Insert Address
Indianapolis, IN

Dear First Name Last Name,

On behalf of Indiana's Division of Fish and Wildlife, I invite you to participate in an important study seeking your opinion on your fishing experiences in Indiana. We believe our findings **will offer the Division of Fish and Wildlife, policy-makers, anglers, and the public important insights into the critical issues regarding fishing in Indiana**. We're writing to you again because of the significance each survey has to the usefulness of this study. This is your chance to be heard!

Your responses are completely voluntary and confidential. We will never associate your name with your responses. The questionnaire has a tracking number for mailing purposes only so that we may check your name off of our mailing list once you have returned your completed survey. Any information we report will be aggregated and not traceable to any individual. The number of responses we receive will determine the value of this survey. If our results are to represent anglers' views, it is essential that you respond to the questionnaire and return it as soon as possible. Your response is very important to us!

We have sent this contact by priority mail to stress the importance of this study because it is only by hearing from everyone that we will be assured that our results truly represent the angling community in Indiana. We appreciate your willingness to consider our request as we conclude this effort to learn about anglers and angling in Indiana. With your input, we'll be working hard to convert fishing license dollars into the best fishing possible. Please take a few minutes and fill out the attached survey.

If you have questions or need clarification, please contact Matt Burlingame or Stu Shipman at (219)691-3181 and they will be more than happy to answer any questions you might have about this survey.

Again, your participation is important to our project and the future of fishing in Indiana and your cooperation is greatly appreciated!

Sincerely,



Glen Salmon
Director
IDNR Division of Fish and Wildlife

APPENDIX C

SURVEY INSTRUMENT



Indiana Licensed Angler Survey

2005

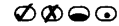
As a licensed angler you are a primary supporter of fish management in Indiana. For this reason, we need to know about you, your needs, your likes, and dislikes. Your answers to this survey will help us maintain and improve your fishing experiences and opportunities.

MARKING INSTRUCTIONS



- Use black or blue pen or a number 2 pencil.
- Make dark marks that fill the oval completely.
- Do not use pens with ink that soaks through the paper.
- Make no stray marks.

INCORRECT MARKS



CORRECT MARK



The following questions are about YOUR fishing preferences, what kinds of fish you would like to catch, what kind of fish you typically fish for, and where you usually fish.

1. Did you go fishing in Indiana during the last 12 months?
- Yes (Skip to Q.2)
 - No

- 1a. If you did not go fishing in Indiana in the last 12 months, what was the reason why? (mark all that apply)
- No interest
 - No place to go fishing/fishing spots too far from home
 - No transportation
 - License fees too high
 - Regulations too complicated
 - No time due to family obligations
 - No time due to work obligations
 - Not having anyone to go with
 - Other

- 1b. If you did not go fishing in Indiana in the last 12 months, what would motivate you to resume fishing again? (mark all that apply)
- Fishing lecture
 - Fishing clinic
 - Amateur fishing tournament with prizes
 - Borrow fishing gear for free
 - One-stop equipment and license purchase
 - Fishing spot with all gear provided
 - Invitation by friend or family member
 - Asked by a child
 - Other

If you DID NOT go fishing in Indiana in the last 12 months, skip to Q. 31 on page 11.

2. How would you rate the quality of fishing in Indiana? (mark only one answer)
- Excellent
 - Good
 - Fair
 - Poor
 - No Opinion

3. Do you think the quality of fishing in Indiana is ...? (mark only one answer)
- Improving
 - Declining
 - Staying the same
 - No Opinion

4. Did you purchase an Indiana trout/salmon stamp in 2004?
- Yes
 - No (Skip to Q.5)

- 4a. If yes, did you fish in Lake Michigan or any of its tributaries for trout or salmon?
- Yes
 - No

5. Did you participate in a fishing tournament in Indiana in 2004?
- Yes
 - No (Skip to Q.6)

- 5a. If yes, approximately how many? _____
- 5b. If yes, what species were you fishing for? _____

Tournaments

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

6. Compared to other anglers, how would you rate your skill as an angler?
- Beginner
 - Average
 - Above Average
 - Expert

Years

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

7. For how many years have you fished? _____

PLEASE DO NOT WRITE IN THIS AREA



06803



8. Do you belong to a fishing club in Indiana?

- Yes
- No (Skip to Q.9)

8a. If so, which one? _____

9. Please finish the following sentence by marking only one of the statements. "I most often fish..."

- From a boat
- From the bank
- By wading
- From a pier or dock
- Through the ice
- Other _____

10. Are you aware of fish consumption advisories in Indiana?

- Yes
- No (Skip to Q.11)

10a. If yes, does this impact where you fish?

- Yes
- No

11. The Division of Fish and Wildlife's function is to manage Indiana's fish and wildlife while maintaining a balance between recreation, the environment and economic benefits. What is your general opinion of the overall performance of the Division of Fish and Wildlife? (mark only one answer)

- Excellent
- Good
- Fair
- Poor
- No opinion

12. Are you aware of the Division of Fish and Wildlife website (www.in.gov/dnr/fishwild)?

- Yes
- No (Skip to Q.13)

12a. If yes, have you visited the website?

- Yes
- No

12b. How useful was the website?

- Very useful
- Somewhat useful
- Somewhat unuseful
- Not useful at all
- No opinion

12c. How often do you use the website?

- Frequently
- Occasionally
- Rarely
- Never

13. Are you aware of the fishing reports that the Division of Fish and Wildlife produces?

- Yes
- No (Skip to Q.14)

13a. If yes, have you used these reports to determine where you fish?

- Yes
- No

14. Were you aware that the Division of Fish and Wildlife held a series of "open-houses" to receive public input for the proposed administrative rule changes for fishing regulations?

- Yes
- No (Skip to Q.15)

14a. If yes, did you attend one?

- Yes
- No

15. Which of the following areas do you fish most often in Indiana? Please mark all that apply.

- A Lake Michigan and tributaries
- B Large reservoirs (over 500 acres)
- C Large rivers (like the Ohio, Wabash, and White that are not in the Lake Michigan watershed)
- D Natural lakes of Northern Indiana
- E Private ponds (and pay ponds)
- F Small reservoirs (<500 acres)
- G Small rivers and streams
- H Strip pits & quarries

15a. Please rank the top three most preferred areas by placing the letters in boxes and marking the corresponding ovals.

1

2

3

16. If all species of fish found in Indiana waters were available in your areas, which species would YOU most prefer to catch? Please mark all species that you would like to catch.

- | | |
|---|---|
| <input type="checkbox"/> A blue catfish | <input type="checkbox"/> N northern pike |
| <input type="checkbox"/> B bluegill | <input type="checkbox"/> O rock bass |
| <input type="checkbox"/> C brown trout | <input type="checkbox"/> P roughfish |
| <input type="checkbox"/> D channel catfish | <input type="checkbox"/> Q sauger |
| <input type="checkbox"/> E chinook salmon | <input type="checkbox"/> R smallmouth bass |
| <input type="checkbox"/> F coho salmon | <input type="checkbox"/> S steelhead |
| <input type="checkbox"/> G crappie | <input type="checkbox"/> T spotted bass |
| <input type="checkbox"/> H flathead catfish | <input type="checkbox"/> U striped bass & hybrid striped bass |
| <input type="checkbox"/> I freshwater drum | <input type="checkbox"/> V sunfish (not bluegill) |
| <input type="checkbox"/> J inland rainbow trout | <input type="checkbox"/> W walleye & hybrid walleye (saugeye) |
| <input type="checkbox"/> K lake trout | <input type="checkbox"/> X white bass (silver) |
| <input type="checkbox"/> L largemouth bass | <input type="checkbox"/> Y white perch |
| <input type="checkbox"/> M muskellunge | <input type="checkbox"/> Z yellow perch |

16a. Please rank your three most preferred species by writing the letters in the boxes and marking the corresponding ovals.

1st	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M
	<input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z
2nd	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M
	<input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z
3rd	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M
	<input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z

17. Of the species listed above, please place the letters in the boxes and mark the ovals that correspond to the three fish species you ACTUALLY fished for most often in Indiana in the last 12 months

Most often	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M
	<input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z
Second most often	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M
	<input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z
Third most often	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M
	<input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z

18. Most fish (including bass and bluegill) reproduce adequately to provide good fishing without stocking. However, the Division of Fish and Wildlife (DFW) stocks numerous species that will not successfully reproduce or do not occur naturally. These species allow Hoosier anglers a wider range of fishing opportunities. Below is a list of the fish currently being stocked by the DFW. Please select the letters that correspond with your top three preferences for species DFW should stock. Write them in the boxes to the right of the list and mark the corresponding ovals.

- | | |
|-------------------------|--|
| a. brown trout | g. sauger |
| b. channel catfish | h. steelhead |
| c. chinook salmon | i. striped bass & hybrid striped bass |
| d. coho salmon | j. walleye & walleye hybrids (saugeye) |
| e. inland rainbow trout | k. other (please specify) _____ |
| f. muskellunge | l. no preference |

1st	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L
2nd	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L
3rd	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L

19. The Indiana Division of Fish and Wildlife receives federal funding based on the number of fishing licenses the state sells each year. These monies are collected via a federal excise tax placed on fishing equipment, boats, motors, and marine fuel and then allocated to state fish and wildlife agencies. Hoosiers age 65 and older are not required to buy a fishing license, however, the Division of Fish and Wildlife has proposed a low-cost senior fishing license.

19a. Are you aware of the DFW proposal to add a senior fishing license?

- Yes
 No (Skip to Q.20)

19b. If yes, are you in favor of it?

- Yes
 No

The next series of questions ask about your attitudes toward various items that may impact your fishing experience. These questions are followed by questions about specific regulations that could be implemented in an effort to enhance fishing opportunities.

20. Understanding YOUR views toward these concepts will enable the DFW to develop management policies to better serve your needs. Please indicate YOUR level of agreement with each statement by marking the appropriate oval.

	Strongly disagree	Disagree	Undecided	Agree	Strongly agree	No Opinion
The DFW should implement more restrictive bass size & creel limits to improve the quality of bass fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The DFW should place more emphasis on aquatic vegetation control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DFW should begin catch and release programs for predators like bass, walleye, muskie, etc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A website posting tournament schedules would help me select a fishing location	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing tournaments should be exempt from some size and creel limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tournament fishing has no effect on the future of sport fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Over-harvest limits future fishing quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aquatic vegetation is a nuisance when I go fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Size limits decrease the number of fish taken but increases their size	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Operation of speedboats detracts from my fishing quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stocking more fish is the best way to improve fishing quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Piers from private property take up too much public fishing water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of free public access is important where I go fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stricter water quality regulations would lead to improved fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aquatic vegetation control can improve fishing and fish populations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aquatic invasive (exotic) species are limiting my fishing experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

21. Rules and regulations are implemented to help manage and conserve our aquatic resources. However, angler support and compliance are necessary for effective regulations. The next series of statements asks for your opinion of various rules and regulations. Please indicate your support for each of these potential rules or regulations by marking the appropriate oval.

	Strongly disagree	Disagree	Undecided	Agree	Strongly agree	No Opinion
Reduce catch limit for bass from 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tighter regulations (e.g., size, number, duration, mandatory reporting of catch data) on fishing tournaments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catch and release only fishing for bass on designated lakes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impose size limits on crappie	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Limit number of anglers on certain lakes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impose a harvest limit of 25 on bluegill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Closed season for bluegill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impose harvest limits on catfish (channel, flathead, and blue) in rivers and streams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Closed season for bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increase size limits on walleye and walleye hybrids (saugeye)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increase size limits on muskie	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impose size limits on channel catfish in lakes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catch and release fishing for smallmouth bass on designated streams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catch and release fishing for muskie on designated lakes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catch and release only for bass during spawning season	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Listed below are eight areas (Q.22-Q.29) in which the Fisheries Section spends the majority of its resources. Within each of these areas are more specific activities to which the Section allocates time and money. We would like you to tell us which of these specific activities is the most important to you and should receive the most emphasis from the Fisheries Section.

22. Please rate the importance of the following areas of **fisheries research.**

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
a. Angler opinions and attitudes toward current and proposed fish management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. General fisheries community relationships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Impacts of regulation (size & creel limits) changes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Nongame species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Predator stockings/predator-prey interactions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Threatened & endangered species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Ways to improve sampling and other fisheries management tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

22a. Please rank the top three areas of fisheries research importance by placing the letters in boxes and marking the corresponding ovals. →

1 A B C D E F G

2 A B C D E F G

3 A B C D E F G

23. Please rate the importance of the following types of **habitat management and protection.**

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
a. Natural lake shorelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Streambanks and floodplain.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Water quality, and watersheds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Protection from residential and commercial development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Erosion control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

23a. Please rank the top three areas of habitat management importance by placing the letter in boxes and marking the corresponding oval. →

1 A B C D E

2 A B C D E

3 A B C D E

24. Please rate the importance of the following fish species that could potentially be managed for in **lakes and reservoirs**.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
a. blue catfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. bluegill and other sunfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. brown trout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. channel catfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. crappie	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. flathead catfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. inland rainbow trout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. largemouth bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. muskellunge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. northern pike	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. smallmouth bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. striped bass & hybrid striped bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. walleye & hybrid walleye (saugeye)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. white bass (silver)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. yellow perch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
p. other (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

24a. Please rank the top three lake/reservoir fish species importance by placing the letters from the above list in the boxes and marking the corresponding ovals. →

1

2

3

25. Please rate the the importance of the following fish species that could potentially be managed for in **Lake Michigan and its tributaries**.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
a. brown trout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. chinook salmon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. coho salmon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. lake trout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. smallmouth bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. steelhead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. walleye	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. yellow perch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Other (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25a. Please rank the top three Lake Michigan species importance by placing the letter from the above list in the boxes and marking the corresponding ovals. →

1

2

3

26. Please rate the importance of the following fish species that could potentially be managed for in rivers and streams.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
a. blue catfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. brown trout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. carp and suckers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. channel catfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. crappie	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. flathead catfish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. inland rainbow trout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. largemouth bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. rock bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. sauger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. smallmouth bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. spotted bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. striped bass and hybrid striped bass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. walleye and hybrid walleye (saugeye)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. white bass (silver)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
p. other (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

26a. Please rank the top three river/stream fish species importance by placing the letters from the above list in boxes and marking the corresponding ovals.

1

2

3

27. Please rate the importance of public access to the following areas.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
a. Lake Michigan and tributaries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Large reservoirs (over 500 acres)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Large rivers (like Ohio, Wabash, and White that are not in the Lake Michigan watershed)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Natural lakes of Northern Indiana	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Private ponds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Small reservoirs (<500 acres)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Small rivers & streams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Strip pits and quarries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. other (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27a. Please rank the top three areas of public access importance by placing the letters from the above list in boxes and marking the corresponding ovals.

1

2

3

28. Please rate the importance of the following **fishery resource issues**.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
--	---------------	----------------------	--------------------	-----------	----------------	------------

- a. Aquatic vegetation control
- b. Consumption advisories/contaminants
- c. Invasive/exotic species control (ex: zebra mussels, Asian carp, Eurasian watermilfoil, etc.)
- d. Management of threatened and endangered species
- e. Management of nongame species

28a. Please rank the top three areas of fishery resource issues importance by placing the letters from the above list in the boxes and marking the corresponding ovals. →

1 A B C D E

2 A B C D E

3 A B C D E

29. Please rate the importance of the following areas of **law enforcement**.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
--	---------------	----------------------	--------------------	-----------	----------------	------------

- a. Boating activities
- b. Fishing activities
- c. For threatened and endangered species
- d. Habitat destruction on lakes and streams
- e. Water quality/pollution issues

29a. Please rank the top three areas of law enforcement importance by placing the letters from the above list in the boxes and marking the corresponding ovals. →

1 A B C D E

2 A B C D E

3 A B C D E

30. Of the nine areas listed below, please choose the top three areas that you feel should receive the most emphasis by the Fisheries Section. Rank 1 for the most important, 2 for the second, and 3 for the third. Please **ONLY RANK TOP 3**.

- ① ② ③ Fisheries research (see Q. 22)
- ① ② ③ Habitat enhancement/protection (see Q. 23)
- ① ② ③ Management of lakes and reservoirs (see Q. 24)
- ① ② ③ Management of Lake Michigan and its tributaries (see Q. 25)
- ① ② ③ Management of rivers and streams (see Q. 26)
- ① ② ③ Public access (see Q. 27)
- ① ② ③ Other fishery resource issues, such as control of aquatic vegetation or management of endangered species. (see Q. 28)
- ① ② ③ Law enforcement (see Q. 29)
- ① ② ③ Stocking of sport fish (see Q. 18)

Motives for Fishing

31. People go fishing for many reasons and may benefit from fishing in many ways. Please indicate how important each of the following is to you when thinking about your fishing experiences.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
For relaxation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To get away from the regular routine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To get away from the demands of other people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To be outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To be close to the water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To experience unpolluted natural surroundings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To be with friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For family recreation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For the fun of catching fish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To experience adventure and excitement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For the experience of the catch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To obtain trophy fish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To test my equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To win a trophy or prize	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To develop my skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For the challenge or sport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To obtain fish for eating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To catch a limit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

32. Please indicate how important each of the following is to you when thinking about your fishing experiences.

	Not Important	Of Little Importance	Somewhat Important	Important	Very Important	No Opinion
Fishing where restrooms are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where campsites are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where boat launches are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where picnic tables are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where you don't have to walk more than 15 minutes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where boat rentals are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing in waters close to work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing in waters close to home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where bait and tackle shops are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where trash disposals are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing where piers or jetties are available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing in new waters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing in an area that doesn't have a users fee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing in natural settings with few man-made structures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The last group of questions asks for information about you and your household. Your response while voluntary, will help us better understand who fishes in Indiana.

33. Does your spouse fish?

- Yes
- No
- Not applicable

34. Do you have persons under the age of 17 living in you house?

- Yes
- No (Skip to Q.35)

34a. If yes, how many have fished since 2004? →

-
- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦
- ⑧
- ⑨

35. Does your age or a disability limit your access to fishing opportunities in Indiana?

- Yes
- No (Skip to Q.36)

35a. If yes, in what way?

36. What is your best estimate of your total household income in 2004? (mark only one answer)

- Less than \$10,000
- \$10,000 - \$19,999
- \$20,000 - \$29,999
- \$30,000 - \$39,999
- \$40,000 - \$49,999
- \$50,000 - \$59,999
- \$60,000 - \$69,999
- \$70,000 - \$79,999
- \$80,000 - \$89,999
- \$90,000 - \$99,999
- \$100,000 or more

37. What is the highest education level you have completed as of 2004? (mark only one answer)

- Less than 8th grade
- Some high school
- High school graduate
- Trade or Technical school
- Some college
- College degree
- Some post graduate school
- Post-graduate degree

38. What is your race?

- African-American
- American Indian, Eskimo, or Aleutian
- Asian or Pacific Islander
- Caucasian, Non-Hispanic
- Hispanic
- Other _____

Thank you for taking the time to answer these questions. We appreciate your time and value your opinions. If there is anything else YOU would like to tell us about YOUR fishing experiences or preferences in Indiana, please do so in the space below.

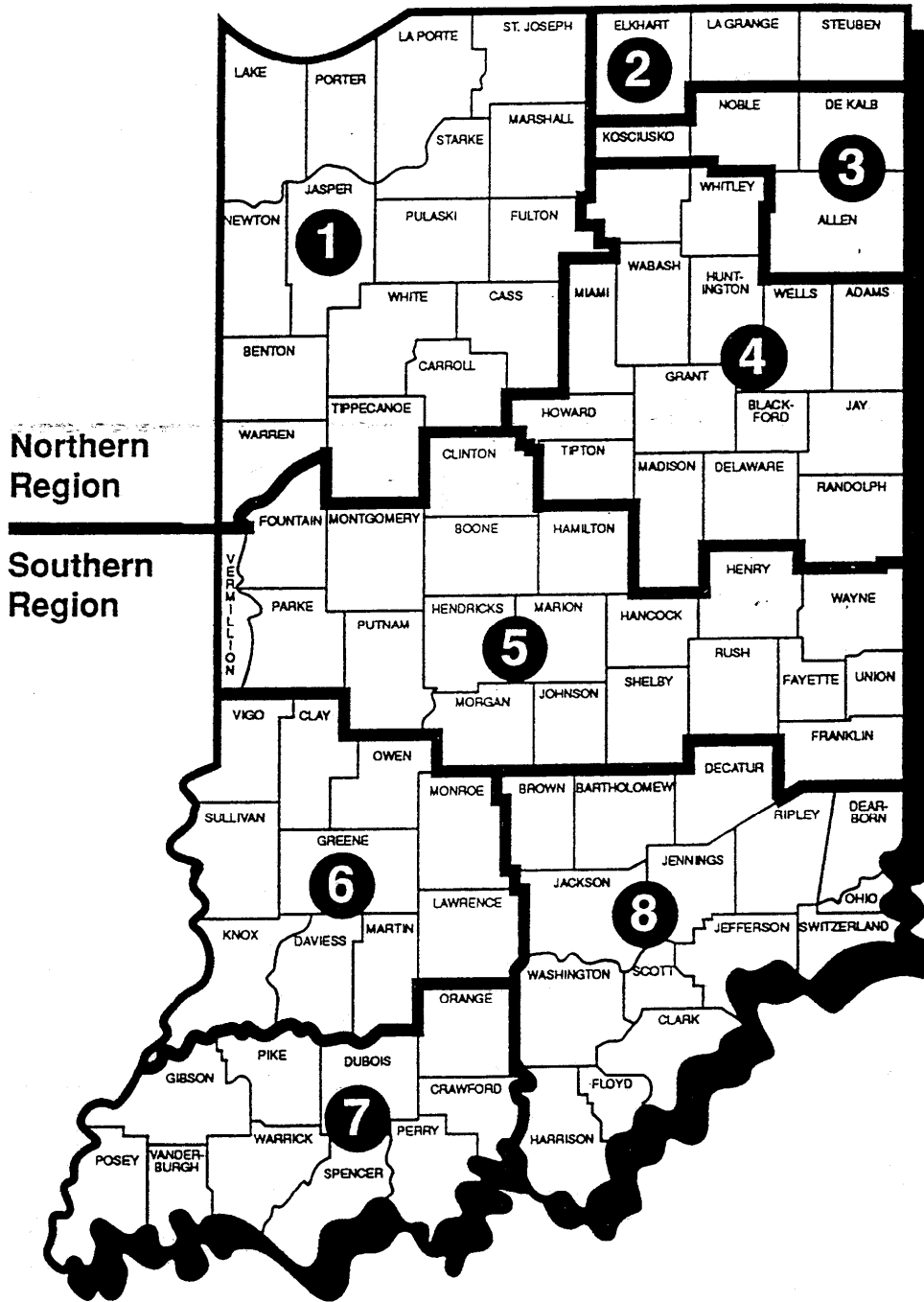
PLEASE DO NOT WRITE IN THIS AREA



06803

MAP OF FISHERIES MANAGEMENT DISTRICTS

Fisheries District Map



APPENDIX E

LIST OF QUESTIONS WITH RESPONSES BY MANAGEMENT DISTRICT

Did you go fishing in Indiana during the last 12 months?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	Yes	338	101	112	236	346	149	139	258	1679
	No	39	15	14	23	34	16	14	19	174
Total		377	116	126	259	380	165	153	277	1853

How would you rate the quality of fishing in Indiana?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	poor	32	4	4	18	34	14	8	21	135
	fair	160	47	48	119	161	57	58	119	769
	good	136	46	54	92	125	69	62	98	682
	excellent	11	4	4	6	14	6	8	11	64
Total		339	101	110	235	334	146	136	249	1650

Do you think the quality of fishing in Indiana is...?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	declining	103	29	28	90	112	56	54	82	554
	staying the same	157	48	60	85	155	62	52	120	739
	improving	69	18	20	49	66	23	27	40	312
Total		329	95	108	224	333	141	133	242	1605

Did you purchase an Indiana trout/salmon stamp in 2004?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	107	18	17	29	12	9	1	5	198
	no	242	87	97	211	337	140	139	251	1504
Total		349	105	114	240	349	149	140	256	1702

Did you participate in a fishing tournament in Indiana in 2004?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	23	11	12	14	33	9	14	25	141
	no	321	92	100	223	315	138	127	231	1547
Total		344	103	112	237	348	147	141	256	1688

Do you belong to a fishing club in Indiana?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	22	9	3	13	16	4	5	16	88
	no	319	95	110	221	331	143	137	237	1593
Total		341	104	113	234	347	147	142	253	1681

Please finish the following sentence by marking only one of the statements. "I most often fish..."

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	From a boat	201	72	83	138	177	81	97	122	971
	From a bank	104	15	19	59	136	58	39	103	533
	By wading	13	1	3	8	19	0	1	13	58
	From a pier	10	4	2	9	6	2	2	2	37
	Through ice	1	8	5	7	2	0	0	0	23
	other	3	0	1	4	2	0	0	4	14
	Total	332	100	113	225	342	141	139	244	1636

What is your general opinion of the overall performance of the Division of Fish and Wildlife?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	poor	25	4	3	15	26	13	11	24	121
	fair	108	29	43	81	110	50	50	80	551
	good	176	58	58	109	172	68	66	119	826
	excellent	22	4	6	14	24	11	4	14	99
	Total	331	95	110	219	332	142	131	237	1597

Are you aware of the Division of Fish and Wildlife website (www.in.gov/dnr/fishwild/)?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	173	43	44	114	183	66	65	122	810
	no	149	56	63	113	146	68	67	119	781
Total		322	99	107	227	329	134	132	241	1591

Which of the following areas do you fish most often in Indiana: Lake Michigan and tributaries

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	150	16	7	17	15	8	1	3	217
Total		150	16	7	17	15	8	1	3	217

Which of the following areas do you fish most often in Indiana: Large Reservoirs (over 500 acres)

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	81	13	18	102	207	79	66	128	694
Total		81	13	18	102	207	79	66	128	694

Which of the following areas do you fish most often in Indiana: Large Rivers (like the Ohio, Wabash and White that are not in the Lake Michigan Watershed

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	59	3	10	47	88	41	62	99	409
Total		59	3	10	47	88	41	62	99	409

Which of the following areas do you fish most often in Indiana: Natural Lakes of Northern Indiana

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	217	93	104	156	56	24	11	25	686
Total		217	93	104	156	56	24	11	25	686

Which of the following areas do you fish most often in Indiana: Private ponds (and pay ponds)

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	152	31	56	120	178	89	84	159	869
Total		152	31	56	120	178	89	84	159	869

Which of the following areas do you fish most often in Indiana: Small reservoirs (<500 acres)

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	102	14	25	106	197	79	73	160	756
Total		102	14	25	106	197	79	73	160	756

Which of the following areas do you fish most often in Indiana: Small Rivers and Streams

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	178	44	42	99	189	57	56	178	843
Total		178	44	42	99	189	57	56	178	843

Which of the following areas do you fish most often in Indiana: Strip Pits & quarries

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	52	5	9	56	120	81	75	42	440
Total		52	5	9	56	120	81	75	42	440

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: blue catfish

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	82	19	24	60	130	42	49	122	528
Total		82	19	24	60	130	42	49	122	528

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: bluegill

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	275	91	100	202	265	127	113	213	1386
Total		275	91	100	202	265	127	113	213	1386

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: brown trout

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	70	21	15	32	40	13	11	45	247
Total		70	21	15	32	40	13	11	45	247

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: channel catfish

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	147	24	28	95	188	79	79	140	780
Total		147	24	28	95	188	79	79	140	780

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: chinook salmon

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	83	21	11	18	33	10	8	21	205
Total		83	21	11	18	33	10	8	21	205

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: coho salmon

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	97	23	11	24	33	12	7	23	230
Total		97	23	11	24	33	12	7	23	230

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: crappie

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	266	71	88	189	284	123	126	208	1355
Total		266	71	88	189	284	123	126	208	1355

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: flathead catfish

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	68	12	7	42	102	56	45	104	436
Total		68	12	7	42	102	56	45	104	436

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: freshwater drum

		Management district in which licenses were purchased							
		Management District 1	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	11	1	4	11	6	6	21	60
Total		11	1	4	11	6	6	21	60

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: inland rainbow trout

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	63	17	17	43	50	25	16	48	279
Total		63	17	17	43	50	25	16	48	279

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: lake trout

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	60	17	12	33	39	21	16	39	237
Total		60	17	12	33	39	21	16	39	237

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: largemouth bass

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	255	84	81	189	287	121	119	216	1352
Total		255	84	81	189	287	121	119	216	1352

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: muskellunge

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	86	29	29	60	65	23	24	33	349
Total		86	29	29	60	65	23	24	33	349

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: northern pike

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	159	56	48	89	92	34	30	49	557
Total		159	56	48	89	92	34	30	49	557

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: rock bass

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	103	19	21	76	121	43	44	106	533
Total		103	19	21	76	121	43	44	106	533

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: roughfish

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	2	1	2	2	8	3	5	5	28
Total		2	1	2	2	8	3	5	5	28

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: sauger

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	60	5	7	27	39	16	30	48	232
Total		60	5	7	27	39	16	30	48	232

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: smallmouth bass

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	238	72	72	181	250	97	93	196	1199
Total		238	72	72	181	250	97	93	196	1199

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: steelhead

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	98	23	14	36	35	12	10	24	252
Total		98	23	14	36	35	12	10	24	252

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: spotted bass

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	56	15	12	35	86	35	29	76	344
Total		56	15	12	35	86	35	29	76	344

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: striped bass & hybrid striped bass

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	yes	102	18	17	71	166	67	63	130	634
Total		102	18	17	71	166	67	63	130	634

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: sunfish

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	122	41	42	93	108	46	44	79	575
Total		122	41	42	93	108	46	44	79	575

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: walleye & hybrid walleye (sauegeye)

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	227	69	64	144	191	69	55	91	910
Total		227	69	64	144	191	69	55	91	910

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: white bass (silver)

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	84	11	9	51	103	35	28	69	390
Total		84	11	9	51	103	35	28	69	390

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: white perch

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	57	16	18	52	63	34	20	35	295
Total		57	16	18	52	63	34	20	35	295

If all species of fish were found in Indiana waters were available in your areas, which species would you most prefer to catch: yellow perch

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	198	69	65	127	91	39	29	43	661
Total		198	69	65	127	91	39	29	43	661

Of the species listed above, please place the letter that correspond to the three fish species you ACTUALLY fished for most often in Indiana in the last 12 months: Most often

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	blue catfish	8	4	0	11	17	1	5	11	57
	bluegill	100	50	58	100	71	51	41	66	537
	brown trout	3	0	1	1	0	0	0	1	6
	channel catfish	24	2	0	13	28	8	13	22	110
	chinook salmon	4	1	0	3	3	0	0	0	11
	coho salmon	10	0	0	1	0	0	0	0	11
	crappie	33	4	9	21	51	14	22	26	180
	flathead catfish	5	0	1	0	5	4	1	8	24
	freshwater drum	0	0	0	0	1	1	1	2	5
	inland rainbow trout	1	0	0	1	1	1	0	0	4
	lake trout	1	1	0	0	0	0	0	0	2
	largemouth bass	62	22	25	51	106	50	44	78	438
	muskellunge	3	0	1	3	2	1	0	1	11
	northern pike	4	2	1	3	1	0	0	1	12
	rock bass	3	1	0	1	0	0	0	1	6
	roughfish	0	0	0	0	1	0	0	0	1
	sauger	0	0	0	0	1	0	0	1	2
	smallmouth bass	11	7	4	8	24	6	3	18	81
	steelhead	10	3	0	1	1	0	0	1	16
	spotted bass	0	0	0	0	0	1	0	0	1
	striped bass & hybrid striped bass	1	0	0	0	3	1	1	2	8
	sunfish	1	0	0	1	3	0	1	1	7
	walleye & hybrid walleye	15	3	0	3	9	1	2	3	36

	white bass (silver)	<i>2</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>6</i>
	white perch	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>3</i>
	yellow perch	<i>23</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>30</i>
	Total	<i>326</i>	<i>102</i>	<i>102</i>	<i>224</i>	<i>330</i>	<i>140</i>	<i>135</i>	<i>246</i>	<i>1605</i>

Of the species listed above, please place the letter that correspond to the three fish species you ACTUALLY fished for most often in Indiana in the last 12 months: Second most often

		Management district in which licenses were purchased								
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	Total
	blue catfish	9	1	1	3	12	4	3	15	48
	bluegill	52	16	27	39	67	30	29	56	316
	brown trout	5	0	0	4	0	1	1	0	11
	channel catfish	22	3	3	12	29	12	11	19	111
	chinook salmon	7	1	0	1	1	1	3	0	14
	coho salmon	11	2	0	2	4	0	0	1	20
	crappie	60	20	31	67	65	43	37	60	383
	flathead catfish	2	0	0	3	8	5	6	14	38
	freshwater drum	0	1	0	0	0	1	0	0	2
	inland rainbow trout	1	1	2	2	1	1	0	0	8
	lake trout	0	0	0	1	1	0	0	1	3
	largemouth bass	47	16	17	39	63	23	22	37	264
	muskellunge	3	3	0	1	0	2	1	0	10
	northern pike	5	3	3	4	1	0	0	0	16
	rock bass	1	0	0	2	2	0	0	10	15
	roughfish	1	0	1	0	1	0	0	1	4
	sauger	1	0	0	0	1	0	1	1	4
	smallmouth bass	34	15	7	20	37	10	7	17	147
	steelhead	15	0	0	1	0	1	0	2	19
	spotted bass	0	0	0	0	4	0	1	0	5
	striped bass & hybrid striped bass	1	0	0	1	9	0	4	8	23
	sunfish	5	6	4	4	3	5	4	4	35
	walleye & hybrid walleye	21	3	3	7	12	1	2	1	50

white bass (silver)	<i>2</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>6</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>9</i>
white perch	<i>4</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>5</i>
yellow perch	<i>15</i>	<i>11</i>	<i>6</i>	<i>9</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>44</i>
Total	<i>324</i>	<i>102</i>	<i>105</i>	<i>223</i>	<i>330</i>	<i>141</i>	<i>132</i>	<i>247</i>	<i>1604</i>

Of the species listed above, please place the letter that correspond to the three fish species you ACTUALLY fished for most often in Indiana in the last 12 months: Third most often

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	blue catfish	5	0	4	7	10	4	9	10	49
	bluegill	37	9	9	21	46	21	24	36	203
	brown trout	3	0	0	3	4	2	1	4	17
	channel catfish	22	2	9	9	45	19	18	34	158
	chinook salmon	7	2	1	2	1	0	0	1	14
	coho salmon	13	0	0	2	1	1	0	0	17
	crappie	41	14	14	31	67	31	27	42	267
	flathead catfish	5	1	1	3	5	9	2	8	34
	freshwater drum	1	0	0	0	2	0	1	3	7
	inland rainbow trout	1	1	2	0	0	1	1	1	7
	lake trout	2	0	0	1	1	0	0	0	4
	largemouth bass	41	21	20	43	42	20	23	34	244
	muskellunge	3	1	0	3	3	0	0	0	10
	northern pike	14	8	4	5	2	0	0	0	33
	rock bass	7	3	2	4	7	1	4	6	34
	roughfish	0	0	0	0	1	0	0	1	2
	sauger	1	0	0	0	0	1	3	0	5
	smallmouth bass	28	12	11	24	33	7	10	28	153
	steelhead	14	1	1	0	2	1	0	1	20
	spotted bass	1	0	0	1	2	1	0	2	7
	striped bass & hybrid striped bass	7	0	0	1	12	6	2	6	34

sunfish	<i>11</i>	<i>5</i>	<i>8</i>	<i>13</i>	<i>8</i>	<i>2</i>	<i>6</i>	<i>12</i>	<i>65</i>
walleye & hybrid walleye	<i>21</i>	<i>11</i>	<i>3</i>	<i>14</i>	<i>21</i>	<i>9</i>	<i>3</i>	<i>7</i>	<i>89</i>
white bass (silver)	<i>3</i>	<i>0</i>	<i>1</i>	<i>3</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>10</i>
white perch	<i>3</i>	<i>0</i>	<i>2</i>	<i>3</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>2</i>	<i>15</i>
yellow perch	<i>26</i>	<i>6</i>	<i>9</i>	<i>24</i>	<i>6</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>76</i>
Total	<i>317</i>	<i>97</i>	<i>101</i>	<i>217</i>	<i>325</i>	<i>141</i>	<i>136</i>	<i>240</i>	<i>1574</i>

Please select the letters that correspond with your top three preferences for species DFW should stock: First

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	brown trout	<i>20</i>	<i>4</i>	<i>5</i>	<i>11</i>	<i>15</i>	<i>4</i>	<i>8</i>	<i>20</i>	<i>87</i>
	channel catfish	<i>37</i>	<i>11</i>	<i>7</i>	<i>35</i>	<i>90</i>	<i>44</i>	<i>42</i>	<i>76</i>	<i>342</i>
	chinook salmon	<i>14</i>	<i>4</i>	<i>0</i>	<i>4</i>	<i>6</i>	<i>2</i>	<i>1</i>	<i>3</i>	<i>34</i>
	coho salmon	<i>10</i>	<i>3</i>	<i>0</i>	<i>1</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>20</i>
	inland rainbow trout	<i>16</i>	<i>4</i>	<i>13</i>	<i>9</i>	<i>13</i>	<i>7</i>	<i>6</i>	<i>12</i>	<i>80</i>
	muskellunge	<i>19</i>	<i>8</i>	<i>11</i>	<i>14</i>	<i>16</i>	<i>6</i>	<i>2</i>	<i>5</i>	<i>81</i>
	sauger	<i>5</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>8</i>	<i>24</i>
	steelhead	<i>25</i>	<i>3</i>	<i>1</i>	<i>6</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>41</i>
	striped bass & hybrid striped bass	<i>31</i>	<i>5</i>	<i>7</i>	<i>27</i>	<i>66</i>	<i>29</i>	<i>28</i>	<i>65</i>	<i>258</i>
	walleye & walleye hybrids	<i>130</i>	<i>49</i>	<i>45</i>	<i>97</i>	<i>100</i>	<i>38</i>	<i>26</i>	<i>33</i>	<i>518</i>
	other	<i>6</i>	<i>2</i>	<i>3</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>5</i>	<i>7</i>	<i>35</i>
Total	<i>313</i>	<i>93</i>	<i>93</i>	<i>210</i>	<i>319</i>	<i>137</i>	<i>123</i>	<i>232</i>	<i>1520</i>	

Please select the letters that correspond with your top three preferences for species DFW should stock: **Second**

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	brown trout	<i>17</i>	<i>9</i>	<i>10</i>	<i>5</i>	<i>10</i>	<i>8</i>	<i>3</i>	<i>12</i>	<i>74</i>
	channel catfish	<i>25</i>	<i>6</i>	<i>11</i>	<i>24</i>	<i>33</i>	<i>18</i>	<i>14</i>	<i>18</i>	<i>149</i>
	chinook salmon	<i>15</i>	<i>3</i>	<i>3</i>	<i>6</i>	<i>8</i>	<i>2</i>	<i>1</i>	<i>6</i>	<i>44</i>
	coho salmon	<i>28</i>	<i>3</i>	<i>2</i>	<i>5</i>	<i>8</i>	<i>4</i>	<i>0</i>	<i>4</i>	<i>54</i>
	inland rainbow trout	<i>17</i>	<i>10</i>	<i>9</i>	<i>21</i>	<i>22</i>	<i>12</i>	<i>13</i>	<i>29</i>	<i>133</i>
	muskellunge	<i>17</i>	<i>11</i>	<i>7</i>	<i>21</i>	<i>18</i>	<i>5</i>	<i>6</i>	<i>15</i>	<i>100</i>
	sauger	<i>31</i>	<i>1</i>	<i>5</i>	<i>19</i>	<i>18</i>	<i>7</i>	<i>14</i>	<i>16</i>	<i>111</i>
	steelhead	<i>27</i>	<i>5</i>	<i>6</i>	<i>8</i>	<i>13</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>68</i>
	striped bass & hybrid striped bass	<i>60</i>	<i>20</i>	<i>12</i>	<i>54</i>	<i>86</i>	<i>43</i>	<i>41</i>	<i>63</i>	<i>379</i>
	walleye & walleye hybrids	<i>60</i>	<i>19</i>	<i>20</i>	<i>30</i>	<i>74</i>	<i>28</i>	<i>16</i>	<i>40</i>	<i>287</i>
other	<i>6</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>8</i>	<i>2</i>	<i>1</i>	<i>2</i>	<i>26</i>	
Total	<i>303</i>	<i>88</i>	<i>87</i>	<i>197</i>	<i>298</i>	<i>131</i>	<i>112</i>	<i>209</i>	<i>1425</i>	

Please select the letters that correspond with your top three preferences for species DFW should stock: Third

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	brown trout	13	8	8	15	25	7	1	8	85
	channel catfish	29	4	9	16	29	7	8	21	123
	chinook salmon	20	8	2	12	3	4	5	3	57
	coho salmon	19	6	2	6	10	4	2	3	52
	inland rainbow trout	26	5	9	15	22	15	4	20	116
	muskellunge	36	13	9	22	21	10	11	11	133
	sauger	16	2	2	6	11	7	11	10	65
	steelhead	18	6	7	13	6	6	1	11	68
	striped bass & hybrid striped bass	36	16	14	41	68	26	19	42	262
	walleye & walleye hybrids	45	8	11	25	56	21	22	50	238
other	18	4	4	9	4	6	4	10	59	
Total		276	80	77	180	255	113	88	189	1258

Please indicate your level of agreement with each statement: The DFW should implement more restrictive bass size & creel limits to improve the quality of bass fishing

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	10	6	11	19	12	10	11	15	94
	disagree	80	22	24	48	85	36	34	69	398
	undecided	69	21	21	42	67	34	31	45	330
	agree	91	37	40	80	119	42	33	71	513
	strongly agree	54	10	9	31	47	14	22	33	220
	Total	304	96	105	220	330	136	131	233	1555

Please indicate your level of agreement with each statement: The DFW should place more emphasis on aquatic vegetation control

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	8	4	4	8	12	2	4	7	49
	disagree	26	12	10	23	38	18	21	29	177
	undecided	58	14	16	40	55	15	13	36	247
	agree	149	44	41	88	144	60	62	100	688
	strongly agree	78	21	38	56	75	42	32	60	402
	Total	319	95	109	215	324	137	132	232	1563

Please indicate your level of agreement with each statement: DFW should begin catch and release programs for predators like bass, walleye, muskie, etc.

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	22	8	7	22	17	13	5	12	106
	disagree	88	31	24	54	88	46	50	65	446
	undecided	84	23	23	56	74	28	29	57	374
	agree	92	21	34	65	99	37	28	70	446
	strongly agree	31	10	16	20	45	12	17	30	181
Total		317	93	104	217	323	136	129	234	1553

Please indicate your level of agreement with each statement: A website posting tournament schedules would help me select a fishing location.

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	11	6	6	10	18	9	15	17	92
	disagree	81	17	19	50	58	33	21	58	337
	undecided	49	8	17	42	43	22	26	34	241
	agree	85	31	25	56	110	31	32	65	435
	strongly agree	30	5	7	25	40	16	19	16	158
Total		256	67	74	183	269	111	113	190	1263

Please indicate your level of agreement with each statement: Fishing tournaments should be exempt from some size and creel limits

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	134	38	36	85	112	53	44	74	576
	disagree	118	33	31	74	109	49	45	71	530
	undecided	21	5	15	24	35	10	15	30	155
	agree	25	9	10	21	38	13	16	37	169
	strongly agree	8	2	1	11	9	9	8	9	57
Total		306	87	93	215	303	134	128	221	1487

Please indicate your level of agreement with each statement: Tournament Fishing has no effect on the future of sport fishing

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	46	21	18	41	58	19	28	49	280
	disagree	111	39	37	67	99	55	38	72	518
	undecided	73	17	26	37	72	17	27	50	319
	agree	57	12	22	45	65	32	29	48	310
	strongly agree	15	2	2	10	10	6	8	10	63
Total		302	91	105	200	304	129	130	229	1490

Please indicate your level of agreement with each statement: Over-harvest limits future fishing quality

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	5	1	2	4	6	1	4	3	26
	disagree	18	5	6	8	15	6	8	12	78
	undecided	40	11	15	28	37	15	16	26	188
	agree	140	50	50	99	144	73	48	112	716
	strongly agree	113	33	29	67	110	42	52	70	516
Total		316	100	102	206	312	137	128	223	1524

Please indicate your level of agreement with each statement: Aquatic vegetation is a nuisance when I go fishing

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	20	6	4	11	25	9	10	15	100
	disagree	90	41	33	81	97	42	45	65	494
	undecided	55	10	14	28	49	15	12	30	213
	agree	108	37	39	75	104	45	42	78	528
	strongly agree	47	8	18	30	52	29	24	45	253
Total		320	102	108	225	327	140	133	233	1588

Please indicate your level of agreement with each statement: Size limits decrease the number of fish taken but increases their size

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	2	1	2	7	6	5	4	4	31
	disagree	28	6	16	22	29	22	11	22	156
	undecided	44	13	18	31	42	15	12	37	212
	agree	196	64	67	132	196	83	81	137	956
	strongly agree	57	16	5	40	56	18	28	43	263
Total		327	100	108	232	329	143	136	243	1618

Please indicate your level of agreement with each statement: Operation of speedboats detracts from my fishing quality

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	6	4	3	1	9	5	6	3	37
	disagree	35	20	10	43	53	30	21	46	258
	undecided	30	5	11	16	27	10	17	22	138
	agree	123	44	54	102	122	48	45	84	622
	strongly agree	136	30	29	63	120	50	39	81	548
Total		330	103	107	225	331	143	128	236	1603

Please indicate your level of agreement with each statement: Stocking more fish is the best way to improve fishing quality

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	9	1	1	4	9	3	5	6	38
	disagree	63	34	26	41	74	31	22	33	324
	undecided	96	30	40	71	88	28	40	73	466
	agree	113	27	28	71	111	57	42	85	534
	strongly agree	50	9	12	33	54	26	27	44	255
Total		331	101	107	220	336	145	136	241	1617

Please indicate your level of agreement with each statement: Piers from private property take up too much public fishing water

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	35	13	15	32	30	10	8	22	165
	disagree	159	65	58	116	140	78	58	99	773
	undecided	63	10	16	34	72	20	30	57	302
	agree	38	7	7	20	39	17	13	17	158
	strongly agree	20	2	6	13	25	7	8	12	93
Total		315	97	102	215	306	132	117	207	1491

Please indicate your level of agreement with each statement: Availability of free public access is important where I go fishing

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	3	4	4	6	7	0	3	4	31
	disagree	28	11	6	20	26	10	8	14	123
	undecided	19	5	4	12	15	9	1	8	73
	agree	113	39	40	95	126	60	51	98	622
	strongly agree	169	44	52	87	161	61	67	110	751
Total		332	103	106	220	335	140	130	234	1600

Please indicate your level of agreement with each statement: Stricter water quality regulations would lead to improved fishing

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	4	2	1	1	5	0	1	2	16
	disagree	9	6	1	9	13	8	4	11	61
	undecided	34	13	13	28	29	22	15	36	190
	agree	152	44	53	108	144	59	63	95	718
	strongly agree	130	34	39	76	140	49	46	86	600
Total		329	99	107	222	331	138	129	230	1585

Please indicate your level of agreement with each statement: Aquatic vegetation control can improve fishing and fish populations

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	5	2	2	6	6	3	3	1	28
	disagree	30	11	10	25	28	22	16	22	164
	undecided	73	20	29	55	85	25	31	57	375
	agree	157	49	45	96	153	59	59	110	728
	strongly agree	62	19	22	42	60	31	26	53	315
Total		327	101	108	224	332	140	135	243	1610

Please indicate your level of agreement with each statement: Aquatic invasive (exotic) species are limiting my fishing experience

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	5	2	2	7	11	4	3	12	46
	disagree	67	24	17	58	79	33	32	65	375
	undecided	111	32	46	87	122	43	41	76	558
	agree	77	19	16	29	53	30	25	35	284
	strongly agree	36	9	5	16	21	8	8	19	122
Total		296	86	86	197	286	118	109	207	1385

Please indicate your support for each of these potential rules or regulations: Reduce catch limit for bass from 5

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	23	8	14	27	39	18	13	32	174
	disagree	93	32	31	82	108	60	50	92	548
	undecided	59	20	21	39	49	21	17	43	269
	agree	98	33	30	57	102	40	38	53	451
	strongly agree	40	6	6	15	27	3	14	20	131
Total		313	99	102	220	325	142	132	240	1573

Please indicate your support for each of these potential rules or regulations: Tighter regulations on fishing tournaments

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	6	2	8	14	11	6	7	8	62
	disagree	44	17	17	31	45	26	26	39	245
	undecided	40	13	19	36	53	15	17	49	242
	agree	153	41	47	93	144	64	50	89	681
	strongly agree	67	20	10	40	69	25	33	49	313
Total		310	93	101	214	322	136	133	234	1543

Please indicate your support for each of these potential rules or regulations: Catch and release only fishing for bass on designated lakes

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	15	3	8	17	20	12	6	18	99
	disagree	68	22	34	66	82	49	46	61	428
	undecided	61	22	21	42	64	23	21	52	306
	agree	134	41	33	72	129	44	39	75	567
	strongly agree	38	7	6	26	30	11	19	28	165
Total		316	95	102	223	325	139	131	234	1565

Please indicate your support for each of these potential rules or regulations: Impose size limits on crappie

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	25	5	12	24	29	13	20	29	157
	disagree	106	43	37	84	123	58	37	76	564
	undecided	55	17	19	29	52	19	19	42	252
	agree	111	30	32	59	94	39	52	62	479
	strongly agree	25	3	5	22	30	8	9	30	132
Total		322	98	105	218	328	137	137	239	1584

Please indicate your support for each of these potential rules or regulations: Limit number of anglers on certain lakes

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	43	14	20	34	54	17	20	28	230
	disagree	144	53	48	114	129	66	68	102	724
	undecided	64	15	24	41	73	29	23	55	324
	agree	50	17	11	28	56	24	20	48	254
	strongly agree	15	3	1	5	14	1	5	8	52
Total		316	102	104	222	326	137	136	241	1584

Please indicate your support for each of these potential rules or regulations: Impose a harvest limit of 25 on bluegill

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	35	6	18	31	25	19	18	34	186
	disagree	77	28	29	58	81	35	26	59	393
	undecided	38	15	10	22	53	14	20	24	196
	agree	139	35	40	89	133	57	56	100	649
	strongly agree	39	16	13	31	45	14	17	27	202
Total		328	100	110	231	337	139	137	244	1626

Please indicate your support for each of these potential rules or regulations: Closed season for bluegill

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	81	22	35	51	84	36	36	64	409
	disagree	146	57	54	117	159	71	67	117	788
	undecided	51	11	14	30	58	24	15	36	239
	agree	29	11	7	15	20	11	11	22	126
	strongly agree	15	1	1	7	5	1	3	9	42
Total		322	102	111	220	326	143	132	248	1604

Please indicate your support for each of these potential rules or regulations: Impose harvest limits on catfish in rivers and streams

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	24	5	7	19	40	25	18	30	168
	disagree	92	17	24	61	89	41	29	76	429
	undecided	62	23	25	56	61	26	32	46	331
	agree	102	29	30	65	110	40	40	60	476
	strongly agree	22	4	5	8	25	4	6	20	94
Total		302	78	91	209	325	136	125	232	1498

Please indicate your support for each of these potential rules or regulations: Closed season for bass

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	43	14	25	33	71	30	27	46	289
	disagree	122	32	38	109	131	66	71	110	679
	undecided	50	18	16	36	58	19	14	42	253
	agree	77	25	23	30	48	19	18	31	271
	strongly agree	22	5	1	12	15	2	2	11	70
Total		314	94	103	220	323	136	132	240	1562

Please indicate your support for each of these potential rules or regulations: Increase size limits on walleye and walleye hybrids (saugeye)

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	17	4	11	10	21	11	6	12	92
	disagree	101	22	26	68	61	39	26	43	386
	undecided	72	34	33	46	95	32	37	69	418
	agree	97	28	24	56	100	43	28	58	434
	strongly agree	19	4	2	15	26	3	7	12	88
Total		306	92	96	195	303	128	104	194	1418

Please indicate your support for each of these potential rules or regulations: Increase size limits on muskie

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	14	4	7	15	19	12	6	10	87
	disagree	78	22	25	63	47	33	13	28	309
	undecided	84	31	31	57	115	37	45	78	478
	agree	88	23	21	43	72	32	24	47	350
	strongly agree	22	2	3	12	23	3	5	10	80
Total		286	82	87	190	276	117	93	173	1304

Please indicate your support for each of these potential rules or regulations: Impose size limits on channel catfish in lakes

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	20	6	8	13	34	19	19	28	147
	disagree	99	19	28	71	92	55	37	66	467
	undecided	56	31	26	57	63	21	31	48	333
	agree	104	23	24	62	99	37	29	64	442
	strongly agree	14	3	0	10	23	0	5	15	70
Total		293	82	86	213	311	132	121	221	1459

Please indicate your support for each of these potential rules or regulations: Catch and release fishing for smallmouth bass on designated streams

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	20	3	8	16	21	12	11	24	115
	disagree	73	27	19	53	69	34	28	64	367
	undecided	55	17	23	42	44	22	22	42	267
	agree	125	29	40	84	139	60	45	82	604
	strongly agree	38	10	9	24	55	13	18	22	189
Total		311	86	99	219	328	141	124	234	1542

Please indicate your support for each of these potential rules or regulations: Catch and release fishing for muskie on designated lakes

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	11	3	6	18	17	14	6	11	86
	disagree	57	15	17	48	31	22	15	29	234
	undecided	65	20	24	41	71	29	32	59	341
	agree	132	34	35	69	124	45	31	66	536
	strongly agree	35	11	12	24	41	12	14	18	167
Total		300	83	94	200	284	122	98	183	1364

Please indicate your support for each of these potential rules or regulations: catch and release only for bass during spawning season

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	strongly disagree	9	3	6	11	27	14	14	11	95
	disagree	48	15	18	33	48	34	28	50	274
	undecided	47	15	21	36	47	23	24	38	251
	agree	151	45	47	91	154	58	45	89	680
	strongly agree	65	16	19	49	62	12	21	43	287
Total		320	94	111	220	338	141	132	231	1587

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: Fisheries research

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	29	10	15	23	41	15	13	30	176
	second	30	11	12	19	29	20	17	20	158
	third	33	8	10	17	40	16	13	26	163
Total		92	29	37	59	110	51	43	76	497

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: **Habitat enhancement/protection**

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	87	36	27	66	107	51	41	61	476
	second	54	17	20	33	54	16	18	35	247
	third	45	7	17	33	45	12	15	30	204
Total		186	60	64	132	206	79	74	126	927

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: **Management of lakes and reservoirs**

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	54	25	28	50	70	35	36	63	361
	second	55	23	17	49	64	26	24	32	290
	third	32	8	9	31	53	17	15	27	192
Total		141	56	54	130	187	78	75	122	843

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: Management of Lake Michigan and its tributaries

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	58	10	6	11	22	7	6	7	127
	second	37	7	7	14	23	14	5	16	123
	third	18	9	5	13	17	11	10	15	98
Total		113	26	18	38	62	32	21	38	348

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: Management of rivers and streams

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	45	7	14	24	58	19	16	65	248
	second	49	15	11	28	45	23	24	39	234
	third	34	11	10	26	33	13	20	25	172
Total		128	33	35	78	136	55	60	129	654

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: **Public access**

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	73	25	37	35	71	27	36	50	354
	second	63	10	12	35	64	30	28	38	280
	third	41	17	9	26	48	16	20	41	218
Total		177	52	58	96	183	73	84	129	852

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: **Other fishery resource issues such as control of aquatic vegetation or management of endangered species**

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	40	14	14	30	36	18	13	40	205
	second	38	19	11	35	40	30	17	25	215
	third	46	12	19	26	30	12	14	28	187
Total		124	45	44	91	106	60	44	93	607

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: Law Enforcement

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	50	20	20	37	51	20	16	39	253
	second	33	11	14	23	54	23	13	37	208
	third	43	12	11	34	50	25	21	30	226
Total		126	43	45	94	155	68	50	106	687

Please choose the top three areas that you feel should receive the most emphasis by the fisheries section: Stocking of sport fishing

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	first	76	19	13	40	71	32	25	47	323
	second	45	14	20	26	41	20	22	39	227
	third	31	10	12	24	36	23	14	30	180
Total		152	43	45	90	148	75	61	116	730

Please indicate how important each of the following is to you when thinking about your fishing experiences: For relaxation

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	1	0	0	2	1	0	0	1	5
	of little importance	2	0	0	2	4	0	0	2	10
	somewhat import	20	11	6	16	14	9	3	15	94
	important	110	31	36	80	96	48	40	81	522
	very important	242	70	78	152	260	104	107	173	1186
Total		375	112	120	252	375	161	150	272	1817

Please indicate how important each of the following is to you when thinking about your fishing experiences: To get away from the regular routine

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	3	2	1	4	4	4	0	6	24
	of little importance	6	1	2	2	7	2	5	6	31
	somewhat import	34	9	8	22	32	18	11	23	157
	important	145	40	48	100	115	58	54	95	655
	very important	185	61	60	123	217	80	79	143	948
Total		373	113	119	251	375	162	149	273	1815

Please indicate how important each of the following is to you when thinking about your fishing experiences: To get away from the demands of other people

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	21	12	8	10	13	10	7	11	92
	of little importance	32	7	11	21	37	14	14	17	153
	somewhat import	58	15	18	40	58	20	17	36	262
	important	118	31	33	84	106	53	37	86	548
	very important	138	44	49	88	153	60	69	111	712
Total		367	109	119	243	367	157	144	261	1767

Please indicate how important each of the following is to you when thinking about your fishing experiences: To be outdoors

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	1	1	0	1	2	0	0	0	5
	of little importance	3	0	1	2	1	0	0	3	10
	somewhat import	14	4	5	11	14	4	3	7	62
	important	115	32	42	72	91	40	42	62	496
	very important	242	73	74	163	264	117	105	196	1234
Total		375	110	122	249	372	161	150	268	1807

Please indicate how important each of the following is to you when thinking about your fishing experiences: To be close to the water

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	8	7	4	6	12	2	1	6	46
	of little importance	24	3	8	13	22	14	10	20	114
	somewhat import	65	29	25	40	85	29	28	55	356
	important	128	35	41	105	112	61	63	103	648
	very important	143	37	35	83	140	54	47	81	620
Total		368	111	113	247	371	160	149	265	1784

Please indicate how important each of the following is to you when thinking about your fishing experiences: To experience unpolluted natural surroundings

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	2	2	1	1	4	4	0	3	17
	of little importance	11	1	3	3	14	2	7	7	48
	somewhat import	32	11	11	21	33	13	10	29	160
	important	106	44	45	95	99	49	50	85	573
	very important	219	54	59	127	210	91	83	143	986
Total		370	112	119	247	360	159	150	267	1784

Please indicate how important each of the following is to you when thinking about your fishing experiences: To be with friends

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	16	6	5	10	17	6	5	15	80
	of little importance	39	11	10	25	40	19	17	22	183
	somewhat import	73	25	19	51	71	35	37	55	366
	important	135	32	48	96	121	56	45	90	623
	very important	104	37	40	64	121	45	42	91	544
Total		367	111	122	246	370	161	146	273	1796

Please indicate how important each of the following is to you when thinking about your fishing experiences: For family recreation

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	11	3	3	6	11	2	1	2	39
	of little importance	18	7	6	9	14	2	6	7	69
	somewhat import	47	21	12	38	58	18	19	44	257
	important	150	37	52	96	112	66	43	108	664
	very important	143	41	46	97	175	71	71	105	749
Total		369	109	119	246	370	159	140	266	1778

Please indicate how important each of the following is to you when thinking about your fishing experiences: For the fun of catching fish

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	<i>1</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>8</i>
	of little importance	<i>8</i>	<i>2</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>2</i>	<i>1</i>	<i>10</i>	<i>32</i>
	somewhat import	<i>44</i>	<i>14</i>	<i>16</i>	<i>20</i>	<i>41</i>	<i>17</i>	<i>18</i>	<i>32</i>	<i>202</i>
	important	<i>118</i>	<i>39</i>	<i>43</i>	<i>95</i>	<i>102</i>	<i>64</i>	<i>49</i>	<i>81</i>	<i>591</i>
	very important	<i>201</i>	<i>56</i>	<i>59</i>	<i>125</i>	<i>224</i>	<i>80</i>	<i>82</i>	<i>147</i>	<i>974</i>
Total		<i>372</i>	<i>111</i>	<i>120</i>	<i>244</i>	<i>374</i>	<i>163</i>	<i>150</i>	<i>273</i>	<i>1807</i>

Please indicate how important each of the following is to you when thinking about your fishing experiences: To experience adventure and excitement

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	<i>7</i>	<i>6</i>	<i>3</i>	<i>6</i>	<i>12</i>	<i>2</i>	<i>1</i>	<i>6</i>	<i>43</i>
	of little importance	<i>29</i>	<i>4</i>	<i>9</i>	<i>11</i>	<i>26</i>	<i>12</i>	<i>8</i>	<i>16</i>	<i>115</i>
	somewhat import	<i>73</i>	<i>32</i>	<i>30</i>	<i>59</i>	<i>60</i>	<i>33</i>	<i>29</i>	<i>52</i>	<i>368</i>
	important	<i>131</i>	<i>40</i>	<i>47</i>	<i>81</i>	<i>124</i>	<i>62</i>	<i>65</i>	<i>95</i>	<i>645</i>
	very important	<i>127</i>	<i>31</i>	<i>28</i>	<i>87</i>	<i>144</i>	<i>51</i>	<i>45</i>	<i>93</i>	<i>606</i>
Total		<i>367</i>	<i>113</i>	<i>117</i>	<i>244</i>	<i>366</i>	<i>160</i>	<i>148</i>	<i>262</i>	<i>1777</i>

Please indicate how important each of the following is to you when thinking about your fishing experiences: For the experience of the catch

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	3	3	4	7	9	1	1	6	34
	of little importance	23	5	3	9	13	4	7	15	79
	somewhat import	67	22	24	40	61	31	28	48	321
	important	136	44	52	86	117	60	51	92	638
	very important	133	36	35	103	162	60	60	102	691
Total		362	110	118	245	362	156	147	263	1763

Please indicate how important each of the following is to you when thinking about your fishing experiences: To obtain trophy fish

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	114	33	35	65	104	50	32	96	529
	of little importance	108	38	43	71	119	48	53	79	559
	somewhat import	78	22	22	50	79	32	39	42	364
	important	38	9	8	31	33	12	14	25	170
	very important	30	9	8	28	32	14	9	20	150
Total		368	111	116	245	367	156	147	262	1772

Please indicate how important each of the following is to you when thinking about your fishing experiences: To test my equipment

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	105	33	33	62	109	44	31	82	499
	of little importance	134	32	37	83	110	54	63	86	599
	somewhat import	71	31	25	62	90	40	34	57	410
	important	37	8	17	19	32	15	13	31	172
	very important	22	4	3	10	24	7	5	10	85
Total		369	108	115	236	365	160	146	266	1765

Please indicate how important each of the following is to you when thinking about your fishing experiences: To win a trophy or prize

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	205	59	65	124	200	87	76	163	979
	of little importance	106	31	34	69	109	43	52	63	507
	somewhat import	34	10	7	26	29	15	13	22	156
	important	10	5	6	9	11	7	3	10	61
	very important	5	3	2	5	10	6	3	6	40
Total		360	108	114	233	359	158	147	264	1743

Please indicate how important each of the following is to you when thinking about your fishing experiences: To develop my skills

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	54	18	19	33	53	26	16	39	258
	of little importance	62	18	15	35	50	24	38	50	292
	somewhat import	88	26	31	70	88	36	27	59	425
	important	99	32	32	67	89	46	39	64	468
	very important	66	17	18	38	81	26	27	49	322
Total		369	111	115	243	361	158	147	261	1765

Please indicate how important each of the following is to you when thinking about your fishing experiences: For the challenge or sport

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	36	15	12	18	37	12	15	32	177
	of little importance	33	9	12	24	40	12	29	26	185
	somewhat import	84	20	25	54	60	34	22	55	354
	important	128	41	45	75	104	58	41	79	571
	very important	81	26	25	67	122	43	35	71	470
Total		362	111	119	238	363	159	142	263	1757

Please indicate how important each of the following is to you when thinking about your fishing experiences: To obtain fish for eating

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	63	12	17	33	91	21	31	44	312
	of little importance	51	17	15	40	53	22	18	41	257
	somewhat import	83	26	31	45	67	34	31	50	367
	important	82	32	26	60	79	39	24	58	400
	very important	90	23	32	63	82	44	44	73	451
Total		369	110	121	241	372	160	148	266	1787

Please indicate how important each of the following is to you when thinking about your fishing experiences: To catch a limit

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	150	51	46	97	164	66	59	134	767
	of little importance	110	23	47	67	98	50	46	65	506
	somewhat import	51	19	17	42	48	19	22	37	255
	important	35	10	7	24	25	9	11	14	135
	very important	24	7	3	13	29	13	10	14	113
Total		370	110	120	243	364	157	148	264	1776

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where restrooms are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	65	26	18	41	74	25	30	68	347
	of little importance	79	22	23	51	51	37	27	67	357
	somewhat import	107	27	39	72	118	39	41	50	493
	important	67	22	28	51	63	29	23	44	327
	very important	55	16	12	37	71	29	30	43	293
Total		373	113	120	252	377	159	151	272	1817

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where campsites are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	84	38	33	52	69	24	32	55	387
	of little importance	101	27	39	69	78	33	28	60	435
	somewhat import	84	25	24	63	95	35	41	62	429
	important	62	13	17	42	79	40	24	55	332
	very important	39	7	5	21	53	24	24	35	208
Total		370	110	118	247	374	156	149	267	1791

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where boat launches are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	33	7	10	19	48	20	7	37	181
	of little importance	25	6	7	20	35	9	13	26	141
	somewhat import	59	14	17	35	67	29	26	47	294
	important	104	42	40	78	96	43	36	65	504
	very important	149	44	47	99	125	57	68	96	685
Total		370	113	121	251	371	158	150	271	1805

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where picnic tables are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	105	42	44	68	98	31	38	74	500
	of little importance	126	38	40	85	103	47	52	88	579
	somewhat import	75	13	23	68	95	32	31	56	393
	important	38	9	10	23	53	32	17	35	217
	very important	23	7	2	7	23	13	11	11	97
Total		367	109	119	251	372	155	149	264	1786

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where you don't have to walk more than 15 minutes

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	57	25	23	38	56	21	23	52	295
	of little importance	69	22	26	41	61	28	26	44	317
	somewhat import	81	22	25	51	78	32	29	54	372
	important	87	21	28	60	84	36	36	54	406
	very important	71	21	17	55	90	42	35	66	397
Total		365	111	119	245	369	159	149	270	1787

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where boat rentals are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	111	40	48	85	133	56	58	123	654
	of little importance	106	33	32	69	103	51	40	78	512
	somewhat import	72	16	22	51	75	28	25	33	322
	important	50	15	9	27	48	10	16	16	191
	very important	29	5	4	11	11	10	9	16	95
Total		368	109	115	243	370	155	148	266	1774

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing in waters close to work

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	148	47	52	90	154	66	61	130	748
	of little importance	90	27	35	84	109	38	34	65	482
	somewhat import	62	19	11	41	58	32	24	38	285
	important	43	13	12	20	31	15	14	20	168
	very important	20	2	5	8	17	7	13	13	85
Total		363	108	115	243	369	158	146	266	1768

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing in waters close to home

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	45	18	16	28	46	12	20	35	220
	of little importance	40	12	17	28	49	12	11	25	194
	somewhat import	98	30	33	80	108	53	36	70	508
	important	112	35	36	71	102	56	45	82	539
	very important	73	19	18	38	68	25	38	58	337
Total		368	114	120	245	373	158	150	270	1798

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where bait and tackle shops are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	41	18	21	32	46	22	32	50	262
	of little importance	65	15	20	46	59	34	22	64	325
	somewhat import	107	30	35	80	106	42	49	70	519
	important	111	40	33	62	106	45	31	51	479
	very important	46	11	11	29	58	17	16	37	225
Total		370	114	120	249	375	160	150	272	1810

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where trash disposals are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	49	17	14	28	42	18	24	44	236
	of little importance	52	12	24	53	37	24	21	49	272
	somewhat import	78	24	29	54	69	42	32	60	388
	important	105	36	27	59	118	42	36	68	491
	very important	85	24	27	53	107	32	37	50	415
Total		369	113	121	247	373	158	150	271	1802

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing where piers or jetties are available

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	75	29	26	55	91	41	43	84	444
	of little importance	85	32	43	67	80	39	39	72	457
	somewhat import	86	25	21	63	98	37	26	67	423
	important	80	12	26	43	65	23	33	29	311
	very important	43	11	4	14	36	14	6	16	144
Total		369	109	120	242	370	154	147	268	1779

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing in new waters

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	41	16	17	32	47	25	17	37	232
	of little importance	83	17	28	59	67	29	22	54	359
	somewhat import	95	30	38	71	104	40	45	90	513
	important	96	33	22	55	106	40	52	53	457
	very important	48	13	13	26	42	21	13	28	204
Total		363	109	118	243	366	155	149	262	1765

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing in an area that doesn't have a user fee

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	18	6	10	16	30	5	9	24	118
	of little importance	34	7	8	28	38	14	17	28	174
	somewhat import	60	15	24	43	61	29	29	45	306
	important	97	37	32	62	85	37	40	66	456
	very important	159	47	47	101	157	71	53	108	743
Total		368	112	121	250	371	156	148	271	1797

Please indicate how important each of the following is to you when thinking about your fishing experiences: Fishing in natural settings with few man-made structures

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	not important	13	2	7	12	18	6	6	14	78
	of little importance	34	4	17	32	31	18	15	18	169
	somewhat import	91	22	19	66	75	34	34	73	414
	important	123	40	33	77	104	52	43	89	561
	very important	108	41	41	57	140	47	52	76	562
Total		369	109	117	244	368	157	150	270	1784

Does your spouse fish?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	206	58	58	150	218	95	82	153	1020
	no	120	35	43	78	111	43	47	86	563
Total		326	93	101	228	329	138	129	239	1583

Do you have persons under the age of 17 living in your house?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	yes	148	32	32	93	142	71	47	113	678
	no	232	84	91	160	235	90	105	161	1158
Total		380	116	123	253	377	161	152	274	1836

What is your best estimate of your total household income in 2004?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	less than \$10,000	7	1	4	8	7	2	4	7	40
	\$10,000-\$19,999	15	6	7	15	22	6	6	12	89
	\$20,000-\$29,999	33	6	9	15	33	16	15	25	152
	\$30,000-\$39,999	37	14	9	33	53	22	26	45	239
	\$40,000-\$49,999	46	18	17	21	44	30	19	33	228
	\$50,000-\$59,999	50	16	17	31	54	14	14	45	241
	\$60,000-\$69,999	35	16	15	32	31	22	15	28	194
	\$70,000-\$79,999	32	5	3	27	28	8	10	16	129
	\$80,000-\$89,999	26	8	15	13	17	3	17	13	112
	\$90,000-\$99,999	23	6	8	10	23	12	5	10	97
	\$100,000 or more	40	14	9	31	40	11	8	15	168
Total		344	110	113	236	352	146	139	249	1689

What is the highest education level you have completed as of 2004?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	less than 8th grade	2	2	0	1	4	0	1	2	12
	some high school	16	15	5	16	24	10	3	22	111
	high school graduate	130	48	46	89	135	63	61	99	671
	trade or technical school	55	11	11	41	48	25	24	32	247
	some college	74	20	30	46	69	18	27	52	336
	college degree	51	12	16	35	56	31	22	38	261
	some post graduate school	9	5	6	9	11	3	4	5	52
	post-graduate degree	25	2	7	15	18	2	6	10	85
Total		362	115	121	252	365	152	148	260	1775

What is your race?

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	African American	10	0	2	4	13	1	2	2	34
	American Indian, Eskimo, or Aleutian	5	1	1	2	6	1	0	2	18
	Asian or Pacific Islander	4	1	0	1	1	2	2	0	11
	Caucasian, Non-Hispanic	331	102	114	230	334	144	137	237	1629
	Hispanic	6	0	0	1	1	0	0	3	11
	Other	7	6	4	3	7	2	0	12	41
Total		363	110	121	241	362	150	141	256	1744

Gender of Respondent

		Management district in which licenses were purchased								Total
		Management District 1	Management District 2	Management District 3	Management District 4	Management District 5	Management District 6	Management District 7	Management District 8	
	female	70	17	28	51	66	32	33	56	353
	male	317	102	100	212	321	133	123	226	1534
Total		387	119	128	263	387	165	156	282	1887

Contact Information:

Matt Burlingame
Fisheries Research Biologist
Tri-Lakes Fisheries Station
Indiana Department of Natural Resources
5570 North Fish Hatchery Rd.
Columbia City, IN 46725
(260) 691-3181
mburlingame@dnr.IN.gov

Stu Shipman
Northern Fisheries Supervisor, Districts 1-4
Tri-Lakes Fisheries Station
Indiana Department of Natural Resources
5570 N. Fish Hatchery Road
Columbia City, IN 46725
(260) 691-3181
sshipman@dnr.IN.gov

Shorna R. Broussard, Ph.D.
Assistant Professor
Purdue University
Dept. of Forestry and Natural Resources
(765) 494-3603
broussar@purdue.edu