

APPENDIX F
SUPPORTING DATA

Table F-1
Avidity for Anglers Who Fished Green Bay in 1998 by Gender
(telephone survey data)

	Telephone Screener Respondents		Mail Survey Respondents	
	Male	Female	Male	Female
Number in sample	742	164	528	119
Mean total days (SE) - Open water	25.7 (0.93)	16.5 (1.58)	26.52 (1.11)	15.9 (1.58)
Mean Green Bay days (SE) - Open water	9.7 (0.52)	7.0 (0.89)	10.5 (0.64)	6.9 (0.82)
Mean total days (SE) - Ice and open water	31.1 (10.7)	19.3 (2.08)	31.0 (1.26)	17.7 (1.84)
Mean Green Bay days (SE) - Ice and open water	11.5 (0.6)	8.0 (0.98)	11.7 (0.73)	7.7 (0.91)

Table F-2
Type of License Purchased by Angler for Telephone Completes vs. Incompletes

Type of License	All Anglers Set Up		Completed Telephone Survey		Did Not Complete Telephone Survey	
	N	%	N	%	N	%
1. Resident	3,149	46.3%	1,456	45.6%	1,693	46.9%
2. Husband and wife	1,593	23.4%	826	25.9%	767	21.3%
3. Sportsman	581	8.5%	312	9.8%	269	7.5%
4. 2 day	608	8.9%	237	7.4%	371	10.3%
5. Nonresident annual	178	2.6%	84	2.6%	94	2.6%
6. Nonresident 15 day	98	1.4%	43	1.3%	55	1.5%
7. Nonresident 4 day	414	6.1%	153	4.8%	261	7.2%
8. Nonresident family annual	93	1.4%	40	1.3%	53	1.5%
9. Nonresident family 15 day	75	1.1%	34	1.1%	41	1.1%
10. Patron	10	0.1%	5	0.2%	5	0.1%
Total	6,799	100.0%	3,190	100.0%	3,609	100.0%

Table F-3
County Where License Purchased for Telephone Completes vs. Incompletes

County Where License Was Purchased	All Anglers Set Up		Completed Telephone Survey		Did Not Complete Telephone Survey	
	N	%	N	%	N	%
1. Brown	1,407	20.7%	658	20.6%	749	20.8%
2. Manitowoc	609	9.0%	317	9.9%	292	8.1%
3. Marinette	736	10.8%	354	11.1%	382	10.6%
4. Oconto	502	7.4%	247	7.7%	255	7.1%
5. Outagamie	1,011	14.9%	514	16.1%	497	13.8%
6. Winnebago	1,270	18.7%	554	17.4%	716	19.8%
7. Door	841	12.4%	343	10.8%	498	13.8%
8. Kewaunee	423	6.2%	203	6.4%	220	6.1%
Total	6,799	100.0%	3,190	100.0%	3,609	100.0%

Table F-4
Comments about Green Bay
(mail survey Question 2)

Reasons for Rating	Rating of Green Bay Relative to Other Places			
	Worse	Same	Better	Don't Know
Number of respondents	202	180	221	33
Site or use of site — negative (weather, location, facilities . . .) ^a	23.8%	8.3%	11.8%	0.0%
Site or use of site — positive (weather, location, facilities . . .) ^a	1.5%	2.8%	12.2%	0.0%
Catch — negative (poor rate, variety, size, limit . . .) ^a	50.5%	15.0%	14.0%	0.0%
Catch — positive (good rate, variety, size, limit . . .) ^a	4.5%	6.7%	49.3%	0.0%
General comment — negative (e.g., I don't like Green Bay/other place . . .) ^a	14.4%	5.0%	3.2%	0.0%
General comment — positive (e.g., I like Green Bay/other place . . .) ^a	1.0%	1.1%	20.4%	0.0%
Don't own a boat	0.0%	0.6%	0.9%	0.0%
Have limited information about Green Bay or other sites	13.9%	10.6%	4.5%	72.7%
Can't eat the fish/PCBs	16.8%	1.1%	4.5%	0.0%
Can eat the fish	0.5%	1.4%	0.0%	0.0%
Other pollution or contamination issues	7.4%	0.0%	1.4%	0.0%
Water is clean/clarity improving	3.0%	1.7%	5.4%	0.0%

a. Though respondents usually made comments about Green Bay relative to another site, some also made comments about other sites relative to Green Bay. Thus, respondents who think Green Bay is worse and respondents who think Green Bay is better, could both be coded as making a negative comment about fishing sites. In the former case the negative comment is about Green Bay and in the latter it is about another site. Most of the negative comments from respondents who rated Green Bay as "worse" pertained to Green Bay; the opposite is true for those rating Green Bay as "better."

Residence	Number of Anglers	Total Trips		Days per Angler				
		Total	% of Total Green Bay Open-Water Days	Mean (SE)	Median	Mode	Min.	Max.
Other states	117	770	12%	6.6 (1.0)	4	1	1	95
Total								
Michigan	13	266	4%	20.5 (7.63)	10	1	1	95
Wisconsin, but not eight targeted counties	37	291	5%	7.9 (1.4)	4	2	1	30
Eight targeted counties	493	5,379	84%	10.9 (0.67)	5	2	1	120
Brown County	195	2,124	33%	10.9 (1.14)	5	2	1	120
Door County	46	792	12%	17.2 (2.93)	10	4	1	90
Kewaunee County	20	308	5%	15.4 (5.36)	6.5	1	1	90
Manitowoc County	49	382	6%	7.8 (1.36)	5	10	1	62
Marinette County	59	702	11%	11.9 (1.54)	6	5	1	60
Oconto County	37	400	6%	10.8 (2.06)	6	3	1	45
Outagamie County	53	388	6%	7.3 (1.31)	3	1	1	50
Winnebago County	34	283	4%	8.3 (2.28)	4	1	1	75
All mail survey respondents	647	6,440	100%	10.0 (0.55)	5	2	1	120

Table F-6
Number of Reported Fishing Days on the Fox River between the Mouth and DePere Dam
as Compared to All Wisconsin Waters of Green Bay in 1998, for Telephone Survey
Respondents Who Fished Green Bay in 1998 (N = 906)^a
(telephone survey data)

	Total Days		Days per Angler				
	Total	% of Total Green Bay Fishing Days	Mean (SE)	Median	Mode	Min.	Max.
Green Bay total days							
All sites	9,832	100%	10.9 (0.52)	5	2	1	142
On Fox River	1,579	16.1%	1.7 (0.26)	0	0	0	130
Green Bay open-water days							
All sites	8,316	84.6%	9.2 (0.46)	5	2	0	120
On Fox River	1,365	13.9%	1.5 (0.23)	0	0	0	110
Green Bay ice-fishing days							
All sites	1,516	15.4%	1.7 (0.15)	0	0	0	50
On Fox River	214	2.2%	0.2 (0.05)	0	0	0	20

a. All anglers who fished the Wisconsin waters of Green Bay, including those who only open-water fished, only ice fished, or did both open-water and ice fishing.

<p align="center">Table F-7 Size of Fish Caught in the Wisconsin Waters of Lake Michigan Waters</p>		
Species	Mean Length (inches): 1988-1998^a	Typical Range^b (inches)
Coho salmon	21.52	11-26
Chinook salmon	27.34	20-35
Rainbow trout	26.13	20-30
Brown trout	20.87	16-24
Brook trout ^c	13.94	10-16
Lake trout	27.43	17-27
Walleye	Not reported	13-25
<p>a. Source: WDNR, 1999 Wisconsin's 1998 Open Water Sportfishing Effort and Catch from Lake Michigan and Green Bay. http://www/dnr/state/wi/us/org/water/fhp/fish/lakemich.</p> <p>b. Source: Wisconsin Sea Grant Fish of the Great Lakes. http://h2o.seagrantwisc.edu/communications/publications/Fish.Michpage.html.</p> <p>c. 1988 through 1995 only. 1993 is the last year more than 100 brook trout were caught on Green Bay. There were no brook trout registered as caught after 1996 through 1998.</p>		

Table F-8
Anglers Purchasing Licenses in Eight Targeted Counties in 1997 by License Category

License Category	Number of Licenses	Number of Anglers ^a
1. Resident fishing	76,536	76,536
2. Nonresident fishing	5,575	5,575
3. Nonresident 15-day fishing	2,461	2,461
4. Sportsman	14,182	14,182
5. Patron	2,049	2,049
6. Resident husband and wife fishing	18,405	36,810
7. Nonresident family fishing	1,155	2,310
8. Nonresident family 15-day fishing	940	1,880
9. Two-day sports	15,716	7,858
10. Nonresident 4-day fishing	10,244	5,122
Total	147,263	154,783

a. Categories 1 through 5 licenses counted as one angler; categories 6 through 8 licenses counted as two anglers; categories 9 and 10 counted as half an angler.

Source for fishing licenses sold: Based on WDNR Bureau of Customer Service and Licensing, Report of Fishing Licenses Sold by County, B130-30.