

# Creel and Lake Information

## Lake Information

**Lake Name:** Sharpe  
**Lake Code:** FTR-Lake-6327-001  
**Surface Area:** 23,738.91 Hectares  
**County:** Hughes  
**Start Date:** 5/8/2018  
**End Date:** 8/30/2018  
**Months Included:** May, June, July, August

Table 1. Percent of angling parties interviewed primarily targeting a species (or any species) by month and overall for Sharpe during 2017 - 2018. Any Species (ANY), Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC).

Year	Month	# of Interviews	Percent of Anglers Targeting							
			ANY	BLC	CCF	RBT	SMB	WAE	WHB	WHC
2017	May	389	23.4	0.0	1.8	0.0	1.5	63.2	3.9	0.0
	June	256	27.3	0.0	3.1	0.0	2.0	65.6	0.4	0.0
	July	230	16.5	0.0	3.0	0.0	0.0	80.0	0.0	0.0
	August	170	20.0	0.0	2.9	0.0	1.2	75.3	0.0	0.0
	Overall	1045	22.3	0.0	2.6	0.0	1.2	69.5	1.5	0.0
2018	May	216	13.0	1.9	1.9	0.5	9.3	70.4	2.8	0.5
	June	179	16.8	1.1	3.4	0.0	6.1	72.6	0.0	0.0
	July	165	12.7	0.0	4.8	0.0	1.2	81.2	0.0	0.0
	August	158	15.8	0.0	9.5	0.0	2.5	71.5	0.6	0.0
	Overall	718	14.5	0.8	4.6	0.1	5.2	73.7	1.0	0.1

Table 2. Monthly and overall number of interviews, angler hours, angler days, mean trip length, mean party size, percent of parties interviewed that were South Dakota residents, percent of angling activity from a boat or shack and percent of angling activity that occurred on weekends and holidays at Sharpe (80% confidence interval).

Year	Month	# Interviews	Angler Hours	Angler Days	Trip Length (h)	Party Size	% SD Residents	% Boat or Shack	% Weekend/Holidays
2017	May	389	113,744 (24,474)	32,685	3.48 (0.49)	2.17 (0.28)	87.66	60	52
	June	256	94,893 (19,965)	26,806	3.54 (0.50)	2.44 (0.32)	85.94	57	59
	July	230	91,347 (13,428)	29,092	3.14 (0.44)	2.20 (0.27)	80.43	81	55
	August	170	39,850 (7,295)	10,570	3.77 (0.42)	2.35 (0.21)	81.76	73	71
	Overall	1045	339,835 (35,087)	97,654	3.48 (0.23)	2.29 (0.13)	84.69	66	58
2018	May	216	97,445 (8,394)	21,046	4.63 (1.65)	2.31 (0.64)	68.52	64	54
	June	179	108,345 (5,060)	20,289	5.34 (1.49)	2.55 (0.85)	73.18	69	50
	July	165	97,898 (5,695)	22,250	4.40 (0.93)	2.46 (0.48)	76.36	81	58
	August	158	69,748 (3,363)	15,000	4.65 (1.05)	2.28 (0.42)	75.32	68	51
	Overall	718	373,435 (11,824)	78,618	4.75 (0.66)	2.40 (0.31)	72.98	70	53

Table 3. Estimated fishing pressure (angler hours) by month during the summer season 2018 daylight period on Sharpe (80% confidence interval).

Lake	Month				Total
	May	June	July	August	
Sharpe (Hughes)	97,445 (8,394)	108,345 (5,060)	97,898 (5,695)	69,748 (3,363)	373,435 (11,824)

Table 4. Estimated number of fish harvested, by species and month, for the summer season 2018 daylight period on Sharpe (80% confidence interval).

Species	Month				Total
	May	June	July	August	
Black Crappie	6 (5)	296 (162)	0	61 (65)	363 (175)
Channel Catfish	103 (101)	447 (380)	2,188 (959)	433 (367)	3,172 (1,099)
Rainbow Trout	0	0	0	0	0
Smallmouth Bass	8,780 (3,167)	4,177 (2,207)	941 (423)	2,266 (805)	16,164 (3,966)
Walleye	34,297 (4,729)	28,107 (6,124)	49,643 (5,471)	35,822 (5,290)	147,870 (10,853)
White Bass	156 (120)	639 (681)	407 (222)	166 (155)	1,369 (742)
White Crappie	3 (4)	46 (71)	0	0	49 (72)
Total	43,346 (8,126)	33,712 (9,625)	53,179 (7,075)	38,749 (6,682)	168,986 (16,906)

Table 5a. Estimated monthly and overall angler catch rate per hour fished (C/h) for all anglers by species at Sharpe (80% confidence interval). Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) and other species (Other).

Year	Month	BLC	CCF	RBT	SMB	WAE	WHB	WHC
		C/h	C/h	C/h	C/h	C/h	C/h	C/h
2017	May	0.00	0.02 (0.01)	<0.01 (<0.01)	0.26 (0.27)	1.27 (0.61)	0.07 (0.03)	0.00
	June	0.00	0.02 (<0.01)	<0.01 (<0.01)	0.22 (0.10)	1.68 (0.85)	0.04 (0.02)	0.00
	July	0.00	0.06 (0.02)	0.00	0.10 (0.04)	1.23 (0.46)	0.01 (<0.01)	0.00
	August	0.00	0.05 (0.04)	<0.01 (<0.01)	0.07 (0.08)	0.69 (0.28)	0.03 (0.02)	0.00
	Overall	0.00	0.03 (<0.01)	<0.01 (<0.01)	0.18 (0.09)	1.31 (0.33)	0.04 (0.01)	0.00
2018	May	<0.01 (<0.01)	<0.01 (<0.01)	0.00	0.40 (0.23)	1.32 (0.49)	0.01 (0.01)	<0.01 (<0.01)
	June	<0.01	0.04 (0.02)	0.00	0.18 (0.07)	1.39 (0.40)	0.02 (<0.01)	<0.01 (<0.01)
	July	0.00	0.05 (0.01)	0.00	0.05 (0.02)	0.92 (0.20)	0.01 (<0.01)	0.00
	August	<0.01 (<0.01)	0.08 (0.05)	<0.01	0.12 (0.05)	0.89 (0.17)	0.01 (<0.01)	<0.01 (<0.01)
	Overall	<0.01 (<0.01)	0.04 (0.01)	<0.01	0.19 (0.05)	1.15 (0.18)	0.01 (<0.01)	<0.01 (<0.01)

Table 5b. Estimated monthly and overall angler harvest rate per hour fished (H/h) for all anglers by species at Sharpe (80% confidence interval). Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) and other species (Other).

Year	Month	BLC	CCF	RBT	SMB	WAE	WHB	WHC
		H/h	H/h	H/h	H/h	H/h	H/h	H/h
2017	May	0.00	0.01	<0.01 (<0.01)	0.05 (0.04)	0.44 (0.21)	0.02 (0.01)	0.00
	June	0.00	<0.01 (<0.01)	0.00	0.04 (0.03)	0.31 (0.16)	0.01 (<0.01)	0.00
	July	0.00	0.02 (<0.01)	0.00	0.03 (0.02)	0.53 (0.20)	<0.01 (<0.01)	0.00
	August	0.00	0.01 (<0.01)	<0.01 (<0.01)	0.02 (<0.01)	0.37 (0.14)	<0.01 (<0.01)	0.00
	Overall	0.00	0.01 (<0.01)	<0.01 (<0.01)	0.04 (0.02)	0.42 (0.10)	0.01 (<0.01)	0.00
2018	May	<0.01 (<0.01)	<0.01 (<0.01)	0.00	0.09 (0.04)	0.35 (0.10)	<0.01 (<0.01)	<0.01 (<0.01)
	June	<0.01	<0.01 (<0.01)	0.00	0.04 (0.02)	0.26 (0.07)	0.01 (<0.01)	<0.01 (<0.01)
	July	0.00	0.02 (<0.01)	0.00	0.01 (<0.01)	0.51 (0.08)	<0.01 (<0.01)	0.00
	August	<0.01 (<0.01)	0.01 (<0.01)	0.00	0.03 (0.01)	0.51 (0.11)	<0.01 (<0.01)	0.00
	Overall	<0.01 (<0.01)	0.01 (<0.01)	0.00	0.04 (0.01)	0.40 (0.05)	<0.01 (<0.01)	<0.01 (<0.01)

Table 6a. Estimated monthly and overall angler catch rate per hour fished (C/h) only for anglers primarily targeting a species at Sharpe. (80% confidence interval). Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) and Other Species (Other).

Year	Month	BLC	CCF	RBT	SMB	WAE	WHB	WHC
		C/h	C/h	C/h	C/h	C/h	C/h	C/h
2017	May	0.00	0.30 (0.05)	0.00	2.98 (1.65)	1.28 (0.98)	0.51 (0.19)	0.00
	June	0.00	0.15 (0.12)	0.00	1.98 (0.74)	1.14 (0.21)	0.19	0.00
	July	0.00	0.16 (0.15)	0.00	0.00	1.15 (0.73)	0.00	0.00
	August	0.00	0.43	0.00	1.02 (0.66)	0.69 (0.30)	0.00	0.00
	Overall	0.00	0.23 (0.06)	0.00	2.23 (0.71)	1.08 (0.34)	0.48 (0.18)	0.00
2018	May	0.20 (<0.01)	0.00	0.00	1.04 (2.25)	1.29 (0.37)	1.75 (8.34)	0.00
	June	0.00	0.37 (0.21)	0.00	0.48 (0.71)	1.25 (0.39)	0.00	0.00
	July	0.00	0.09 (0.10)	0.00	0.39	0.90 (0.47)	0.00	0.00
	August	0.00	0.44 (0.62)	0.00	1.65 (0.53)	0.90 (0.24)	0.00	0.00
	Overall	0.10 (<0.01)	0.24 (0.19)	0.00	0.94 (0.66)	1.11 (0.18)	1.39 (6.63)	0.00

Table 6b. Estimated monthly and overall angler harvest rate per hour fished (H/h) only for anglers primarily targeting a species at Sharpe. (80% confidence interval). Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) and Other Species (Other).

Year	Month	BLC	CCF	RBT	SMB	WAE	WHB	WHC
		H/h	H/h	H/h	H/h	H/h	H/h	H/h
2017	May	0.00	0.09 (0.03)	0.00	0.23 (0.46)	0.43 (0.08)	0.25 (0.16)	0.00
	June	0.00	0.10 (0.07)	0.00	0.00	0.22 (0.07)	0.00	0.00
	July	0.00	0.16 (0.13)	0.00	0.00	0.44 (0.15)	0.00	0.00
	August	0.00	0.00	0.00	0.34 (0.80)	0.41 (0.14)	0.00	0.00
	Overall	0.00	0.11 (0.05)	0.00	0.11 (0.17)	0.36 (0.05)	0.23 (0.15)	0.00
2018	May	0.20 (0.18)	0.00	0.00	0.16 (0.22)	0.34 (0.07)	0.09 (0.05)	0.00
	June	0.00	0.33 (0.67)	0.00	0.10 (0.21)	0.24 (0.09)	0.00	0.00
	July	0.00	0.06 (0.02)	0.00	0.00	0.48 (0.27)	0.00	0.00
	August	0.00	0.25 (0.18)	0.00	0.09 (0.22)	0.52 (0.17)	0.00	0.00
	Overall	0.10 (0.09)	0.16 (0.16)	0.00	0.10 (0.10)	0.38 (0.07)	0.07 (0.04)	0.00



Table 7a. Estimated monthly and overall angler catch (C) for all anglers by species at Sharpe (80% confidence interval). Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) and other species (Other).

Year	Month	BLC	CCF	RBT	SMB	WAE	WHB	WHC
		C	C	C	C	C	C	C
2017	May	0	1,944 (706)	281 (97)	29,499 (21,746)	144,864 (43,526)	7,981 (2,552)	0
	June	0	1,436 (631)	146 (137)	20,810 (7,174)	159,805 (49,746)	3,773 (1,220)	0
	July	0	5,689 (1,442)	0	9,249 (2,746)	112,041 (26,730)	921 (385)	0
	August	0	2,190 (722)	13 (10)	2,894 (1,338)	27,408 (7,212)	1,266 (696)	0
	Overall	0	11,259 (1,870)	440 (168)	62,452 (23,101)	444,118 (71,664)	13,941 (2,939)	0
2018	May	7 (7)	353 (208)	0	38,858 (14,138)	128,809 (40,234)	1,182 (686)	5 (6)
	June	342 (183)	3,861 (2,209)	0	19,024 (8,801)	150,538 (34,886)	2,534 (1,211)	46 (71)
	July	0	5,173 (1,655)	0	5,275 (1,646)	89,920 (13,703)	721 (279)	0
	August	61 (65)	5,710 (3,329)	<1	8,099 (3,022)	61,829 (8,020)	861 (384)	61 (80)
	Overall	410 (194)	15,097 (4,329)	<1	71,256 (17,005)	431,096 (55,569)	5,298 (1,470)	112 (108)

Table 7b. Estimated monthly and overall angler harvest (H) for all anglers by species at Sharpe (80% confidence interval). Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) and other species (Other).

Year	Month	BLC	CCF	RBT	SMB	WAE	WHB	WHC
		H	H	H	H	H	H	H
2017	May	0	874	34 (39)	5,474 (3,353)	49,833 (14,631)	2,447 (944)	0
	June	0	172 (135)	0	4,108 (2,220)	29,156 (8,674)	678 (425)	0
	July	0	1,711 (718)	0	3,063 (1,061)	48,551 (11,127)	143 (137)	0
	August	0	337 (192)	13 (10)	678 (340)	14,829 (3,661)	48 (31)	0
	Overall	0	3,095 (658)	46 (40)	13,324 (4,173)	142,370 (20,653)	3,316 (1,045)	0
2018	May	6 (5)	103 (101)	0	8,780 (3,167)	34,297 (4,729)	156 (120)	3 (4)
	June	296 (162)	447 (380)	0	4,177 (2,207)	28,107 (6,124)	639 (681)	46 (71)
	July	0	2,188 (959)	0	941 (423)	49,643 (5,471)	407 (222)	0
	August	61 (65)	433 (367)	0	2,266 (805)	35,822 (5,290)	166 (155)	0
	Overall	363 (175)	3,172 (1,099)	0	16,164 (3,966)	147,870 (10,853)	1,369 (742)	49 (72)

Table 8. Estimated number and rate (number per hour) of Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC) caught and harvested by anglers during the summer and winter fisheries on Sharpe, (80% confidence interval).

**Black Crappie**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	319 (281)	161 (145)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2010	405 (269)	240 (228)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2018	410 (194)	363 (175)	<0.01 (<0.01)	<0.01 (<0.01)

**Channel Catfish**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	12,384 (2,498)	7,108 (1,643)	0.03 (<0.01)	0.02 (<0.01)
Summer	2010	10,866 (2,501)	6,384 (1,565)	0.03 (<0.01)	0.02 (<0.01)
Summer	2011	3,434 (878)	1,964 (657)	0.02 (<0.01)	0.01 (<0.01)
Summer	2012	7,086 (2,014)	2,130 (907)	0.02 (<0.01)	0.01 (<0.01)
Summer	2013	13,610 (3,509)	4,954 (2,428)	0.03 (0.01)	0.01 (<0.01)
Summer	2014	5,740 (1,468)	2,433 (1,004)	0.02 (<0.01)	0.01 (<0.01)
Summer	2015	14,051 (2,665)	4,591 (1,704)	0.04 (<0.01)	0.01 (<0.01)
Summer	2017	11,259 (1,870)	3,095 (658)	0.03 (<0.01)	0.01 (<0.01)
Summer	2018	15,097 (4,329)	3,172 (1,099)	0.04 (0.01)	0.01 (<0.01)

**Rainbow Trout**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	662 (603)	421 (460)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2010	1,028 (625)	655 (465)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2011	196 (278)	22 (34)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2012	2,001 (1,035)	480 (231)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2013	2,610 (1,240)	1,659 (770)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2014	603 (308)	221 (141)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2015	368 (134)	211 (121)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2017	440 (168)	46 (40)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2018	<1	0	<0.01	0.00

**Smallmouth Bass**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	131,133 (20,149)	12,239 (2,773)	0.32 (0.08)	0.03 (<0.01)
Summer	2010	91,882 (16,211)	7,128 (1,429)	0.24 (0.06)	0.02 (<0.01)
Summer	2011	41,405 (9,884)	4,321 (1,152)	0.24 (0.08)	0.03 (0.01)
Summer	2012	68,295 (8,643)	16,174 (3,580)	0.21 (0.04)	0.05 (0.01)
Summer	2013	54,653 (8,844)	19,590 (5,287)	0.14 (0.04)	0.05 (0.02)
Summer	2014	54,872 (12,413)	10,964 (3,060)	0.20 (0.06)	0.04 (0.01)
Summer	2015	63,109 (13,200)	17,190 (5,203)	0.20 (0.06)	0.05 (0.02)
Summer	2017	62,452 (23,101)	13,324 (4,173)	0.18 (0.09)	0.04 (0.02)
Summer	2018	71,256 (17,005)	16,164 (3,966)	0.19 (0.05)	0.04 (0.01)

**Walleye**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	478,571 (56,831)	154,132 (18,585)	1.18 (0.24)	0.38 (0.08)
Summer	2010	274,293 (33,284)	136,807 (14,753)	0.71 (0.16)	0.35 (0.07)
Summer	2011	178,666 (28,179)	72,622 (10,304)	1.05 (0.29)	0.43 (0.11)
Summer	2012	539,817 (65,397)	173,049 (19,657)	1.66 (0.31)	0.53 (0.10)
Summer	2013	405,715 (50,112)	232,065 (24,154)	1.02 (0.25)	0.58 (0.12)
Summer	2014	295,844 (40,534)	117,643 (19,504)	1.08 (0.28)	0.43 (0.12)
Summer	2015	305,774 (38,249)	116,826 (15,481)	0.97 (0.20)	0.37 (0.08)
Summer	2017	444,118 (71,664)	142,370 (20,653)	1.31 (0.33)	0.42 (0.10)
Summer	2018	431,096 (55,569)	147,870 (10,853)	1.15 (0.18)	0.40 (0.05)

**White Bass**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	49,864 (12,633)	20,213 (7,373)	0.12 (0.04)	0.05 (0.02)
Summer	2010	37,324 (12,073)	9,779 (4,231)	0.10 (0.04)	0.03 (0.01)
Summer	2011	9,367 (3,717)	3,408 (1,596)	0.05 (0.02)	0.02 (<0.01)
Summer	2012	15,219 (7,183)	2,764 (1,283)	0.05 (0.02)	0.01 (<0.01)
Summer	2013	14,311	2,797 (907)	0.04	0.01 (<0.01)
Summer	2014	17,815 (4,048)	4,682 (1,810)	0.07 (0.02)	0.02 (<0.01)
Summer	2015	34,232	9,389	0.11	0.03
Summer	2017	13,941 (2,939)	3,316 (1,045)	0.04 (0.01)	0.01 (<0.01)
Summer	2018	5,298 (1,470)	1,369 (742)	0.01 (<0.01)	<0.01 (<0.01)

**White Crappie**

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2009	13 (17)	13 (17)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2010	41 (47)	41 (47)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2018	112 (108)	49 (72)	<0.01 (<0.01)	<0.01 (<0.01)

Table 9. The number of fish harvested with each species by length group (mm) for the winter and summer fisheries at Sharpe. Abbreviations for species are as follows: Black Crappie (BLC), Channel Catfish (CCF), Rainbow Trout (RBT), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB), White Crappie (WHC).

<b>Summer 2017</b>							
Length Group (mm)	BLC (N=0)	CCF (N=0)	RBT (N=0)	SMB (N=112)	WAE (N=2262)	WHB (N=0)	WHC (N=0)
220				1	1		
230				1			
240				1			
250				1	1		
260				5	1		
270				3	1		
280				2	1		
290				5	2		
300				6	10		
310				11	15		
320				15	34		
330				8	58		
340				8	86		
350				8	140		
360				3	154		
370				6	187		
380				8	288		
390				4	335		
400				3	240		
410				5	190		
420				1	141		
430				4	109		
440				1	92		
450					64		
460					32		
470				1	23		
480					19		
490				1	9		
500					7		
510					6		
520					5		
530					2		
540					3		
550					2		
560							
570					1		
580							
590							
600					2		
610							
620							
630							
640							
650							
660							
670							
680							
690							
700					1		

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**Summer 2018**

Length Group (mm)	BLC (N=0)	CCF (N=0)	RBT (N=0)	SMB (N=279)	WAE (N=2077)	WHB (N=4)	WHC (N=0)
30					1		
40							
50							
60							
70							
80							
90							
100							
110							
120							
130							
140							
150							
160							
170							
180							
190							
200							
210							
220				1			
230							
240				1			
250				2			
260							
270				3			
280				7	1		
290				1	3		
300				18	10		
310				13	23		
320				19	24		
330				14	35		
340				13	98		
350				16	132		
360				16	185	1	
370				12	227		
380				16	400	1	
390				13	322	1	
400				21	212		
410				25	132		
420				23	80	1	
430				11	66		
440				12	40		
450				5	29		
460				6	17		
470				6	12		
480				3	10		
490				2	7		
500					1		
510					1		
520					3		
530					1		
540							
550					1		
560					1		
570					1		
580					1		
590							
600							
610							
620							
630							
640							
650							
660							
670							
680					1		

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Figure 1a. Length frequency of angler-harvested Smallmouth Bass measured by the creel clerk during creel surveys on Sharpe.

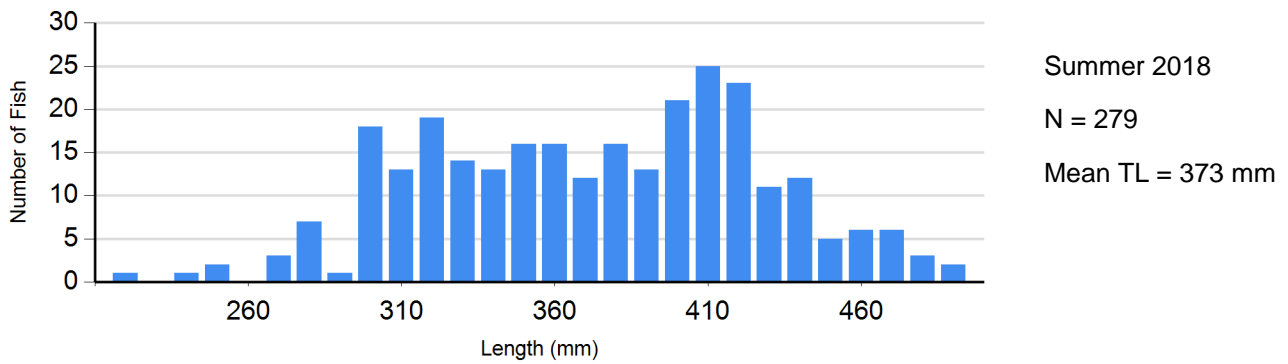
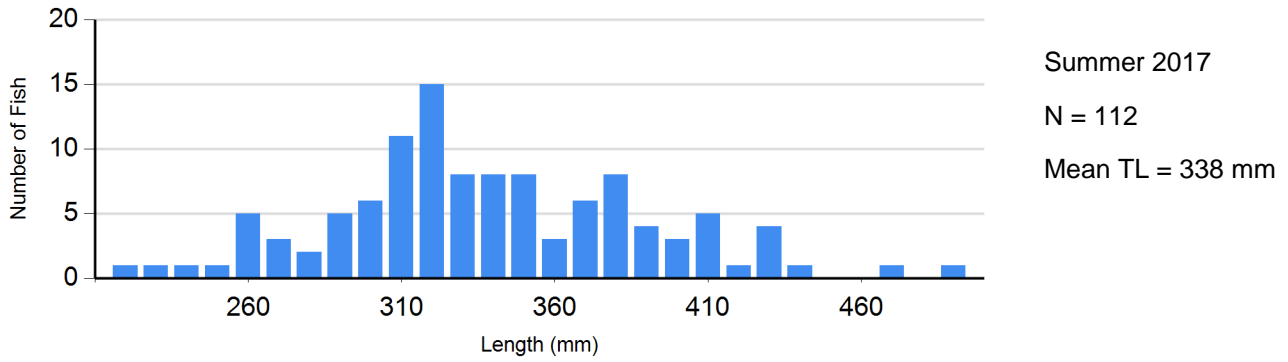
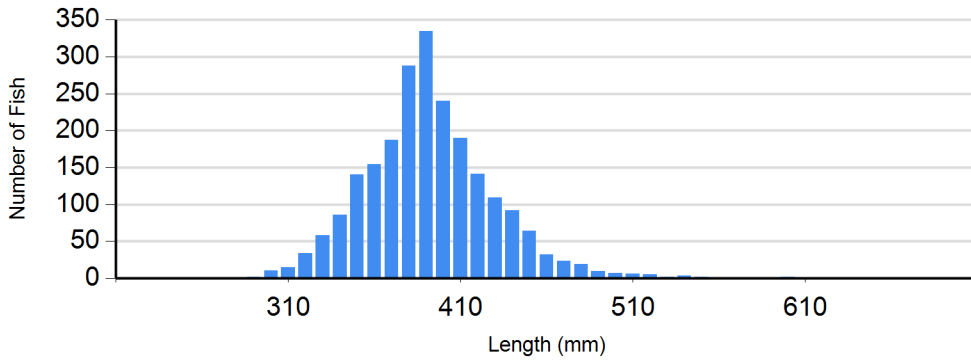
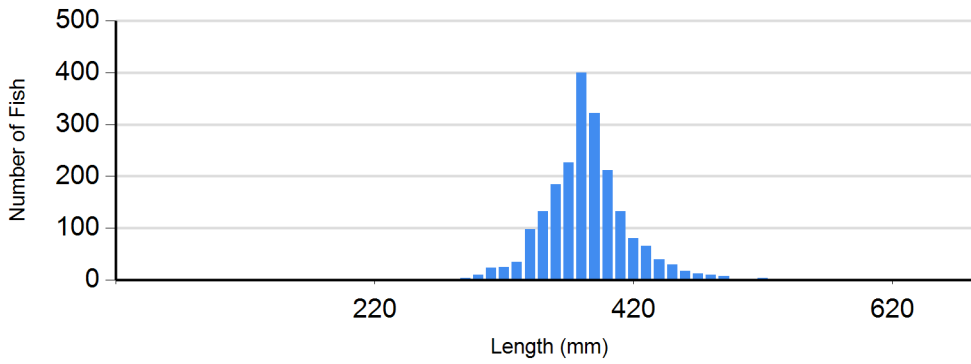




Figure 1b. Length frequency of angler-harvested Walleye measured by the creel clerk during creel surveys on Sharpe.



Summer 2017  
N = 2262  
Mean TL = 391 mm



Summer 2018  
N = 2077  
Mean TL = 383 mm

Figure 2. South Dakota county of residence for winter and summer resident anglers fishing Sharpe, South Dakota between May 2017 and August 2018.

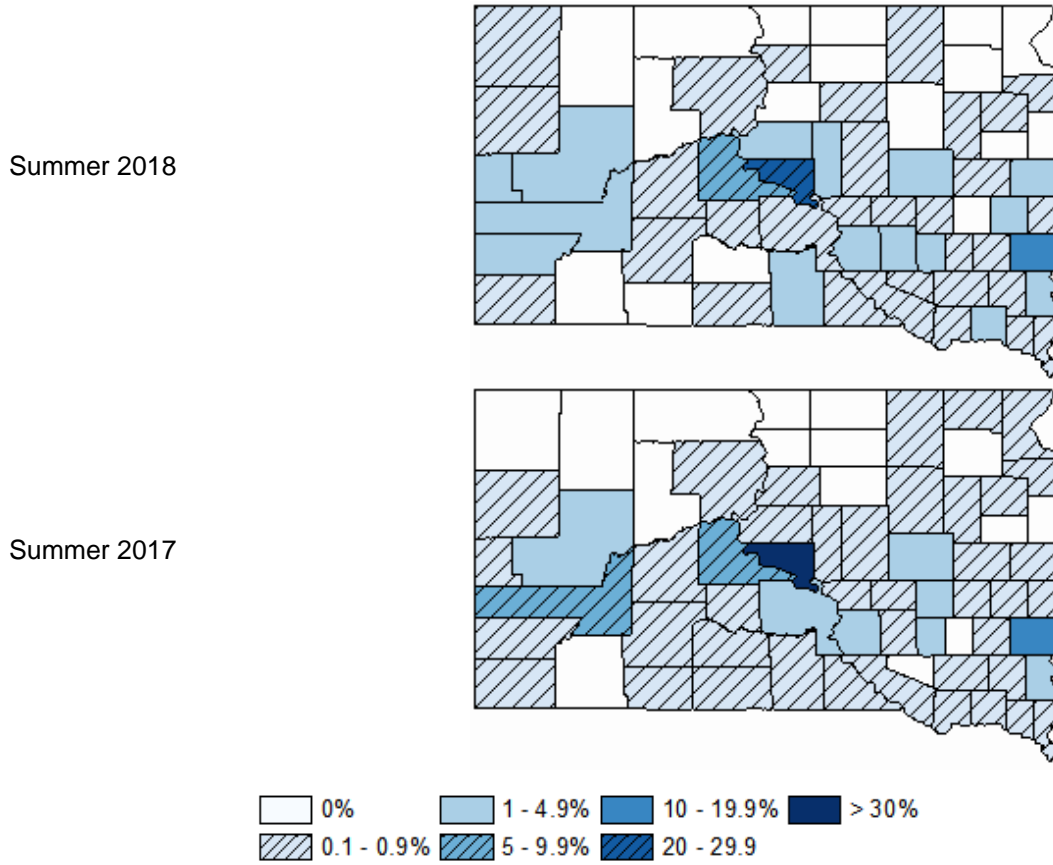


Table 10. Number of parties interviewed that harvested (or caught) a specified number of fish totaled over selected strata for a species.

Angler Harvest	Counts						
	BLC (n=1045)	CCF (n=1045)	RBT (n=1045)	SMB (n=1045)	WAE (n=1045)	WHB (n=1045)	WHC (n=1045)
0.00	1045	995	1043	953	508	1004	1045
0.08	0	0	0	0	1	0	0
0.14	0	0	0	1	2	1	0
0.17	0	0	0	1	0	0	0
0.20	0	2	0	1	3	1	0
0.25	0	3	0	1	4	2	0
0.29	0	0	0	0	0	1	0
0.33	0	8	0	12	19	3	0
0.40	0	0	0	0	4	0	0
0.43	0	0	0	0	0	1	0
0.50	0	11	2	22	46	6	0
0.57	0	0	0	0	1	0	0
0.60	0	0	0	0	1	0	0
0.67	0	2	0	5	17	3	0
0.75	0	0	0	2	2	0	0
0.80	0	0	0	0	1	0	0
0.83	0	0	0	0	1	0	0
1.00	0	14	0	16	53	10	0
1.20	0	0	0	0	1	0	0
1.25	0	0	0	1	2	0	0
1.33	0	0	0	2	7	1	0
1.40	0	0	0	0	1	0	0
1.50	0	3	0	4	34	0	0
1.67	0	2	0	1	9	0	0
1.75	0	0	0	0	3	0	0
2.00	0	4	0	8	47	4	0
2.25	0	0	0	0	3	0	0
2.33	0	0	0	1	5	0	0
2.50	0	0	0	3	19	0	0
2.67	0	0	0	1	11	0	0
2.75	0	0	0	0	1	0	0
2.86	0	0	0	0	1	0	0
3.00	0	1	0	1	39	2	0
3.25	0	0	0	0	1	0	0
3.33	0	0	0	1	4	0	0
3.50	0	0	0	2	22	0	0
3.67	0	0	0	0	10	0	0
3.75	0	0	0	0	3	0	0
4.00	0	0	0	4	154	2	0
4.50	0	0	0	0	1	0	0
5.00	0	0	0	2	0	2	0

6.00	0	0	0	0	1	0	0
7.00	0	0	0	0	1	0	0
7.50	0	0	0	0	1	1	0
8.00	0	0	0	0	0	1	0
11.00	0	0	0	0	1	0	0

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Summer 2018

Counts

Angler Harvest	BLC (n=718)	CCF (n=719)	RBT (n=718)	SMB (n=719)	WAE (n=720)	WHB (n=718)	WHC (n=718)
0.00	708	669	718	626	336	687	715
0.14	0	1	0	1	0	0	0
0.17	0	1	0	0	1	1	0
0.20	1	2	0	2	3	1	0
0.25	2	1	0	5	4	4	0
0.29	0	0	0	0	1	0	0
0.33	2	6	0	16	12	6	0
0.40	0	2	0	1	1	0	0
0.50	3	9	0	16	26	4	0
0.60	0	0	0	1	0	0	0
0.67	0	2	0	4	8	1	0
0.75	0	0	0	2	2	0	0
0.80	0	0	0	0	1	0	0
0.83	0	0	0	0	1	0	0
1.00	2	13	0	16	45	5	3
1.20	0	0	0	0	1	0	0
1.25	0	0	0	1	2	0	0
1.33	0	2	0	1	10	2	0
1.40	0	0	0	0	1	0	0
1.50	0	4	0	3	24	3	0
1.60	0	0	0	0	2	0	0
1.67	0	0	0	2	6	1	0
1.75	0	0	0	1	2	0	0
1.80	0	0	0	0	1	0	0
2.00	0	1	0	2	34	0	0
2.25	0	0	0	0	1	0	0
2.33	0	0	0	0	4	0	0
2.44	0	0	0	0	1	0	0
2.50	0	0	0	2	10	1	0
2.67	0	0	0	0	7	0	0
2.75	0	1	0	0	3	0	0
3.00	0	3	0	0	23	1	0
3.25	0	0	0	0	2	0	0
3.33	0	0	0	1	4	0	0
3.40	0	1	0	0	0	0	0
3.50	0	0	0	1	15	0	0
3.60	0	0	0	0	1	0	0
3.67	0	0	0	0	6	0	0
3.75	0	0	0	0	1	0	0
3.80	0	0	0	0	1	0	0
4.00	0	1	0	0	110	0	0
4.14	0	0	0	0	1	0	0
4.25	0	0	0	1	1	0	0

4.33	0	0	0	1	0	0	0
4.50	0	0	0	2	2	0	0
4.67	0	0	0	0	1	0	0
5.00	0	0	0	9	0	0	0
5.50	0	0	0	0	1	1	0
6.00	0	0	0	1	1	0	0
8.00	0	0	0	1	0	0	0

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Table 11 The number (N) and percent of total interviews in supplemental-response categories by question asked during interviews at Sharpe.

Question: Considering all factors, how satisfied are you with your fishing trip today?

Response	Summer 2018 (n = 717)
Very Satisfied	44%
Moderately Satisfied	26%
Slightly Satisfied	10%
Neutral/No Opinion	9%
Slightly Dissatisfied	5%
Moderately Dissatisfied	4%
Very Dissatisfied	2%

Question: Why did you decide to come here to fish today?

Response	Summer 2018 (n = 473)
Camping nearby	15%
Close to home	15%
Easy/Good/Adequate access	9%
Family friendly access	2%
Family nearby	1%
Favorite place to fish	21%
Other	19%
Reports of fish were biting	16%
Sizes of fish being caught	1%

Question: Would you harvest a Shovelnose Sturgeon if it was legal to do so?

Response	Summer 2018 (n = 422)
No	80%
Yes	20%