

Creel and Lake Information

Lake Information

Lake Name: Francis Case
Lake Code: FTR-Lake-6327-000
Surface Area: 35,615.17 Hectares
County: Charles Mix
Start Date: 4/5/2019
End Date: 7/31/2019
Months Included: April, May, June, July

Table 1. Percent of angling parties interviewed primarily targeting a species (or any species) by month and overall for Francis Case during 2018 - 2019. Any Species (ANY), Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB).

Year	Month	# of Interviews	Percent of Anglers Targeting						
			ANY	CCF	NOP	PAH	SMB	WAE	WHB
2018	April	191	0.0	1.0	0.0	0.0	1.0	97.9	0.0
	May	402	4.7	0.5	0.0	0.7	3.5	89.6	0.5
	June	307	4.6	0.0	0.0	0.0	1.0	94.5	0.0
	July	146	3.4	3.4	0.0	0.0	1.4	91.8	0.0
	Overall	1046	3.6	0.9	0.0	0.3	2.0	92.8	0.2
2019	April	73	1.4	1.4	1.4	0.0	4.1	91.8	0.0
	May	170	2.4	0.6	0.0	0.6	4.7	91.8	0.0
	June	172	1.2	0.6	0.0	0.0	4.7	93.6	0.0
	July	161	2.5	0.0	0.0	0.0	1.2	95.7	0.6
	Overall	576	1.9	0.5	0.2	0.2	3.6	93.4	0.2

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 Francis Case (80% confidence interval).

Year	Month	# Interviews	Angler Hours	Angler Days	Trip Length (h)	Party Size	% SD Residents	% Boat or Shack	% Weekend/Holidays
2018	April	191	67,656 (19,647)	15,102	4.48 (0.53)	2.09 (0.25)	60.21	97	59
	May	402	220,658 (31,368)	48,818	4.52 (0.73)	2.43 (0.33)	63.68	89	54
	June	307	160,075 (24,306)	34,277	4.67 (0.24)	2.55 (0.11)	59.28	100	56
	July	146	77,685 (14,763)	18,674	4.16 (0.28)	2.27 (0.17)	66.44	97	59
	Overall	1046	526,075 (46,677)	118,219	4.45 (0.24)	2.33 (0.12)	62.14	95	56
2019	April	73	33,507 (12,434)	7,253	4.62	1.95 (0.34)	52.05	93	60
	May	170	79,982 (19,730)	15,500	5.16 (0.21)	2.33 (0.29)	61.18	95	71
	June	172	254,203 (79,791)	55,503	4.58	4.96	62.21	100	63
	July	161	68,861 (14,690)	18,712	3.68 (0.14)	2.34 (0.12)	73.29	99	57
	Overall	576	436,552 (84,417)	96,797	4.51 (0.07)	2.89 (0.12)	63.72	97	63

Table 3. Estimated fishing pressure (angler hours) by month during the summer season 2019 daylight period on Francis Case (80% confidence interval).

Zone	Month				Total
	April	May	June	July	
Lower	1,005 (866)	10,530 (4,123)	58,730 (16,399)	13,739 (5,165)	84,005 (17,702)
Middle	5,166 (3,004)	38,823 (10,388)	42,204 (11,533)	16,182 (4,875)	102,375 (16,544)
Upper	27,335 (12,035)	30,628 (16,259)	153,269 (77,231)	38,940 (12,858)	250,172 (80,865)

Table 4. Estimated number of fish harvested for selected species, by zone during the May-August 2019 daylight period on Francis Case (80% confidence interval).

Species	Zone			
	Lower	Middle	Upper	Total
Channel Catfish	764 (644)	312 (209)	1,225 (385)	2,301 (1,238)
Northern Pike	0	0	0	0
Smallmouth Bass	1,597 (1,282)	1,115 (730)	2,086 (778)	4,798 (2,791)
Walleye	11,985 (3,946)	28,094 (6,574)	63,441 (16,504)	103,519 (27,025)
White Bass	0	503 (215)	5,636 (2,528)	6,138 (2,743)

Table 5. Estimated number of fish harvested, by species and month, for the summer season 2019 daylight period on Francis Case (80% confidence interval).

Species	Month				Total
	April	May	June	July	
Channel Catfish	197 (91)	304 (218)	618 (626)	1,182 (399)	2,301 (779)
Northern Pike	0	0	0	0	0
Paddlefish	0	0	0	0	0
Smallmouth Bass	669 (638)	1,144 (571)	1,808 (1,315)	1,177 (565)	4,798 (1,668)
Walleye	7,561 (3,584)	19,999 (6,014)	40,700 (11,637)	35,259 (12,114)	103,519 (18,198)
White Bass	30 (37)	569 (372)	1,305 (904)	4,234 (2,341)	6,138 (2,537)
Total	8,458 (4,349)	22,016 (7,176)	44,431 (14,483)	41,852 (15,418)	116,756 (23,182)

Table 6a. Estimated monthly and overall angler catch rate per hour fished (C/h) for all anglers by species at Francis Case (80% confidence interval). Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) and other species (Other).

Year	Month	CCF	NOP	PAH	SMB	WAE	WHB
		C/h	C/h	C/h	C/h	C/h	C/h
2018	April	0.02	0.00	<0.01	0.02	0.37	0.01
		(0.02)		(<0.01)	(0.02)	(0.30)	(<0.01)
	May	0.03	<0.01	<0.01	0.18	1.08	0.05
		(0.02)	(<0.01)	(<0.01)	(0.13)	(0.34)	(0.02)
	June	0.04	0.00	0.00	0.06	0.87	0.04
		(0.02)			(0.03)	(0.31)	(0.01)
July	0.17	0.00	0.00	0.03	0.45	0.16	
	(0.10)			(0.02)	(0.26)	(0.18)	
Overall	0.05	<0.01	<0.01	0.10	0.83	0.06	
	(0.02)	(<0.01)	(<0.01)	(0.05)	(0.18)	(0.03)	
2019	April	0.01	0.00	0.00	0.03	0.68	<0.01
		(<0.01)			(0.02)	(0.71)	(<0.01)
	May	0.01	0.00	0.00	0.08	1.09	0.04
		(<0.01)			(0.06)	(0.57)	(0.04)
	June	0.01	<0.01	0.00	0.08	0.81	0.02
		(<0.01)	(<0.01)		(0.05)	(0.86)	(0.02)
July	0.05	<0.01	0.00	0.08	1.67	0.15	
	(0.03)	(<0.01)		(0.04)	(0.90)	(0.08)	
Overall	0.01	<0.01	0.00	0.08	0.98	0.04	
	(<0.01)	(<0.01)		(0.03)	(0.58)	(0.02)	

Table 6b. Estimated monthly and overall angler harvest rate per hour fished (H/h) for all anglers by species at Francis Case (80% confidence interval). Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) and other species (Other).

Year	Month	CCF	NOP	PAH	SMB	WAE	WHB
		H/h	H/h	H/h	H/h	H/h	H/h
2018	April	0.01 (<0.01)	0.00	0.00	<0.01 (<0.01)	0.16 (0.14)	0.00
	May	0.02 (0.01)	0.00	0.00	0.03 (0.02)	0.30 (0.09)	0.01 (<0.01)
	June	<0.01 (<0.01)	0.00	0.00	0.01 (<0.01)	0.21 (0.07)	0.01 (<0.01)
	July	0.07 (0.06)	0.00	0.00	<0.01 (<0.01)	0.20 (0.09)	0.07 (0.09)
	Overall	0.02 (<0.01)	0.00	0.00	0.02 (<0.01)	0.24 (0.05)	0.02 (0.01)
2019	April	0.01 (<0.01)	0.00	0.00	0.02 (0.02)	0.23 (0.19)	<0.01 (<0.01)
	May	<0.01 (<0.01)	0.00	0.00	0.01 (<0.01)	0.25 (0.16)	0.01 (0.02)
	June	<0.01 (<0.01)	0.00	0.00	0.01 (<0.01)	0.16 (0.18)	0.01 (<0.01)
	July	0.02 (0.01)	0.00	0.00	0.02 (<0.01)	0.51 (0.29)	0.06
	Overall	0.01 (<0.01)	0.00	0.00	0.01 (<0.01)	0.24 (0.14)	0.01 (<0.01)

Table 7a. Estimated monthly and overall angler catch rate per hour fished (C/h) only for anglers primarily targeting a species at Francis Case. (80% confidence interval). Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) and Other Species (Other).

Year	Month	CCF	NOP	PAH	SMB	WAE	WHB
		C/h	C/h	C/h	C/h	C/h	C/h
2018	April	1.76	0.00	0.00	0.14	0.26 (0.31)	0.00
	May	2.52	0.00	0.03 (0.04)	2.24 (2.48)	1.18 (0.29)	0.00
	June	0.00	0.00	0.00	2.72	0.94 (0.82)	0.00
	July	1.39 (0.91)	0.00	0.00	0.59	0.71 (0.28)	0.00
	Overall	1.70 (0.61)	0.00	0.03 (0.04)	1.97 (1.10)	0.83 (0.20)	0.00
2019	April	0.61	0.00	0.00	0.18	0.63 (0.67)	0.00
	May	0.80	0.00	0.00	0.97 (0.18)	1.21 (0.65)	0.00
	June	0.30	0.00	0.00	1.75 (0.26)	1.16 (0.84)	0.00
	July	0.00	0.00	0.00	0.14	1.32 (1.08)	0.98
	Overall	0.52	0.00	0.00	1.02 (0.11)	1.07 (0.40)	0.98

Table 7b. Estimated monthly and overall angler harvest rate per hour fished (H/h) only for anglers primarily targeting a species at Francis Case. (80% confidence interval). Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) and Other Species (Other).

Year	Month	CCF	NOP	PAH	SMB	WAE	WHB
		H/h	H/h	H/h	H/h	H/h	H/h
2018	April	1.53	0.00	0.00	0.00	0.11 (0.23)	0.00
	May	2.52	0.00	0.00	0.26 (0.33)	0.31 (0.13)	0.00
	June	0.00	0.00	0.00	0.00	0.23 (0.14)	0.00
	July	1.15 (0.59)	0.00	0.00	0.00	0.30 (0.12)	0.00
	Overall	1.51 (0.40)	0.00	0.00	0.12 (0.15)	0.25 (0.08)	0.00
2019	April	0.61	0.00	0.00	0.18	0.20 (0.30)	0.00
	May	0.57	0.00	0.00	0.01 (0.06)	0.27 (0.14)	0.00
	June	0.30	0.00	0.00	0.17 (0.05)	0.26 (0.12)	0.00
	July	0.00	0.00	0.00	0.00	0.41 (0.31)	0.98
	Overall	0.48	0.00	0.00	0.08 (0.03)	0.28 (0.12)	0.98

Table 8a. Estimated monthly and overall angler catch (C) for all anglers by species at Francis Case (80% confidence interval). Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) and other species (Other).

Year	Month	CCF	NOP	PAH	SMB	WAE	WHB
		C	C	C	C	C	C
2018	April	1,629 (724)	0	34 (52)	1,034 (1,004)	24,920 (10,920)	780 (571)
	May	7,494 (2,307)	238 (289)	79 (104)	39,231 (16,794)	238,625 (43,525)	11,064 (4,392)
	June	6,657 (2,258)	0	0	9,528 (1,879)	138,741 (31,077)	6,415 (1,945)
	July	12,873 (5,311)	0	0	2,647 (1,370)	34,763 (16,076)	12,086 (13,633)
	Overall	28,653 (6,257)	238 (289)	114 (117)	52,440 (16,984)	437,048 (56,903)	30,345 (14,466)
2019	April	255 (105)	0	0	886 (675)	22,921 (9,864)	66 (54)
	May	449 (252)	0	0	6,444 (3,121)	87,023 (24,098)	2,835 (1,144)
	June	1,959 (851)	26 (29)	0	20,365 (11,324)	204,778 (61,482)	6,103 (2,901)
	July	3,581 (1,553)	18 (22)	0	5,485 (2,146)	114,984 (39,355)	10,437 (4,474)
	Overall	6,243 (1,791)	44 (37)	0	33,181 (11,960)	429,706 (77,504)	19,442 (5,454)

Table 8b. Estimated monthly and overall angler harvest (H) for all anglers by species at Francis Case (80% confidence interval). Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) and other species (Other).

Year	Month	CCF	NOP	PAH	SMB	WAE	WHB
		H	H	H	H	H	H
2018	April	776 (557)	0	0	220 (180)	10,546 (5,620)	0
	May	3,372 (1,833)	0	0	5,792 (2,146)	65,178 (10,580)	2,970 (1,678)
	June	680 (335)	0	0	2,341 (498)	33,632 (6,457)	1,817 (1,109)
	July	5,651 (4,125)	0	0	68 (87)	15,376 (6,210)	5,503 (6,568)
	Overall	10,479 (4,560)	0	0	8,421 (2,212)	124,732 (14,960)	10,290 (6,869)
2019	April	197 (91)	0	0	669 (638)	7,561 (3,584)	30 (37)
	May	304 (218)	0	0	1,144 (571)	19,999 (6,014)	569 (372)
	June	618 (626)	0	0	1,808 (1,315)	40,700 (11,637)	1,305 (904)
	July	1,182 (399)	0	0	1,177 (565)	35,259 (12,114)	4,234 (2,341)
	Overall	2,301 (779)	0	0	4,798 (1,668)	103,519 (18,198)	6,138 (2,537)

Table 9. Estimated number and rate (number per hour) of Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB) caught and harvested by anglers during the summer and winter fisheries on Francis Case, (80% confidence interval).

Channel Catfish

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2010	19,469 (3,762)	9,153 (3,128)	0.04 (<0.01)	0.02 (<0.01)
Summer	2011	13,925 (1,656)	5,085 (1,591)	0.02 (<0.01)	0.01 (<0.01)
Summer	2012	36,683 (9,216)	11,937 (2,940)	0.06 (0.02)	0.02 (<0.01)
Summer	2013	41,647 (6,720)	13,399 (2,891)	0.06 (0.01)	0.02 (<0.01)
Summer	2014	32,461 (5,860)	11,784 (4,271)	0.05 (0.01)	0.02 (<0.01)
Summer	2015	25,357 (5,977)	9,485 (2,945)	0.04 (0.01)	0.01 (<0.01)
Summer	2016	24,825 (15,377)	15,447 (15,109)	0.05 (0.03)	0.03 (0.03)
Summer	2017	15,761 (2,916)	3,841 (866)	0.03 (<0.01)	0.01 (<0.01)
Summer	2018	28,653 (6,257)	10,479 (4,560)	0.05 (0.02)	0.02 (<0.01)
Summer	2019	6,243 (1,791)	2,301 (779)	0.01 (<0.01)	0.01 (<0.01)

Northern Pike

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2010	448 (282)	100 (60)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2011	5,199 (1,129)	755 (278)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2012	7,186 (990)	1,581 (248)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2013	4,634 (1,030)	1,289 (532)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2014	1,505 (497)	405 (210)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2015	487 (259)	117 (84)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2016	205 (154)	22 (29)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2017	15 (23)	15 (23)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2018	238 (289)	0	<0.01 (<0.01)	0.00
Summer	2019	44 (37)	0	<0.01 (<0.01)	0.00

Paddlefish

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	73 (53)	0	<0.01 (<0.01)	0.00
Summer	2012	319 (203)	46 (56)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2013	38 (39)	25 (36)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2014	206 (124)	23 (31)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2015	95 (114)	32 (38)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2016	33 (51)	33 (51)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2017	170 (204)	170 (204)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2018	114 (117)	0	<0.01 (<0.01)	0.00

Smallmouth Bass

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2010	32,465 (6,878)	6,061 (2,553)	0.07 (0.02)	0.01 (<0.01)
Summer	2011	78,838 (14,669)	10,765 (3,110)	0.12 (0.04)	0.02 (<0.01)
Summer	2012	103,988 (18,058)	13,620 (2,884)	0.17 (0.04)	0.02 (<0.01)
Summer	2013	55,496 (9,848)	9,204 (2,021)	0.08 (0.02)	0.01 (<0.01)
Summer	2014	40,835 (11,973)	5,090 (1,425)	0.06 (0.02)	0.01 (<0.01)
Summer	2015	35,076 (6,497)	6,489 (1,889)	0.05 (0.02)	0.01 (<0.01)
Summer	2016	29,471 (4,157)	7,000 (1,677)	0.06 (0.01)	0.01 (<0.01)
Summer	2017	59,370 (14,383)	12,900 (3,047)	0.11 (0.03)	0.02 (<0.01)
Summer	2018	52,440 (16,984)	8,421 (2,212)	0.10 (0.05)	0.02 (<0.01)
Summer	2019	33,181 (11,960)	4,798 (1,668)	0.08 (0.03)	0.01 (<0.01)

Walleye

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2010	235,140 (34,072)	102,973 (12,976)	0.49 (0.10)	0.21 (0.04)
Summer	2011	850,216 (105,326)	248,773 (30,299)	1.34 (0.32)	0.39 (0.09)
Summer	2012	773,468 (91,993)	195,859 (23,446)	1.25 (0.23)	0.32 (0.06)
Summer	2013	921,692 (82,261)	235,608 (22,562)	1.25 (0.18)	0.32 (0.05)
Summer	2014	775,286 (74,206)	165,915 (14,526)	1.19 (0.21)	0.25 (0.04)
Summer	2015	447,649 (59,935)	149,943 (18,436)	0.67 (0.16)	0.23 (0.05)
Summer	2016	293,783 (33,554)	106,490 (11,885)	0.56 (0.12)	0.20 (0.04)
Summer	2017	383,945 (43,808)	148,138 (15,441)	0.68 (0.13)	0.26 (0.05)
Summer	2018	437,048 (56,903)	124,732 (14,960)	0.83 (0.18)	0.24 (0.05)
Summer	2019	429,706 (77,504)	103,519 (18,198)	0.98 (0.58)	0.24 (0.14)

White Bass

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2010	28,181 (7,936)	8,292 (3,638)	0.06 (0.02)	0.02 (<0.01)
Summer	2011	72,838 (16,984)	26,918 (10,079)	0.11 (0.04)	0.04 (0.02)
Summer	2012	56,497 (12,781)	15,898 (4,989)	0.09 (0.02)	0.03 (<0.01)
Summer	2013	53,852 (15,579)	14,440	0.07 (0.02)	0.02
Summer	2014	42,608 (7,130)	16,720 (6,759)	0.07 (0.01)	0.03 (0.01)
Summer	2015	35,266 (160,368)	10,705 (13,651)	0.05 (0.25)	0.02 (0.03)
Summer	2016	16,301 (7,245)	9,047 (6,877)	0.03 (0.01)	0.02 (0.01)
Summer	2017	25,717 (4,512)	8,458 (2,650)	0.05 (0.01)	0.02 (<0.01)
Summer	2018	30,345 (14,466)	10,290 (6,869)	0.06 (0.03)	0.02 (0.01)
Summer	2019	19,442 (5,454)	6,138 (2,537)	0.04 (0.02)	0.01 (<0.01)

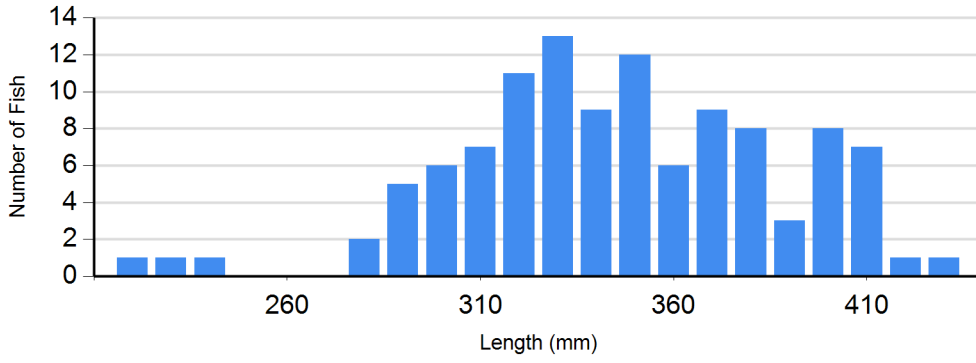
Table 10. The number of fish harvested with each species by length group (mm) for the winter and summer fisheries at Francis Case. Abbreviations for species are as follows: Channel Catfish (CCF), Northern Pike (NOP), Paddlefish (PAH), Smallmouth Bass (SMB), Walleye (WAE), White Bass (WHB).

Summer 2018						
Length Group (mm)	CCF (N=8)	NOP (N=0)	PAH (N=0)	SMB (N=111)	WAE (N=2546)	WHB (N=5)
220				1		
230				1		
240				1		
250						
260						
270						
280				2	1	1
290				5		
300				6	7	
310				7	6	
320				11	4	
330				13	10	
340				9	6	
350				12	12	
360				6	23	
370				9	34	1
380	1			8	277	
390				3	402	
400				8	349	
410				7	320	2
420				1	255	
430				1	186	1
440					107	
450	1				130	
460					99	
470	2				67	
480					48	
490					52	
500					21	
510					21	
520	1				25	
530					22	
540					15	
550	1				13	
560					5	
570					4	
580					4	
590	1				8	
600	1				2	
610					4	
620						
630					1	
640					2	
650					1	
660					1	
670					1	
680						
690						
700					1	

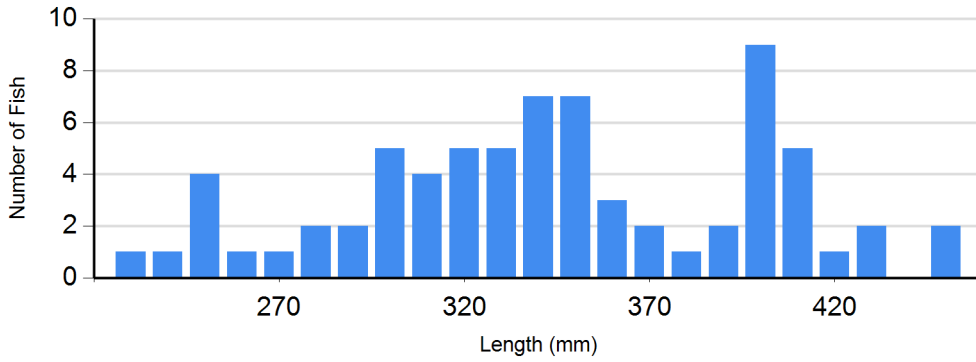
Summer 2019

Length Group (mm)	CCF (N=4)	NOP (N=0)	PAH (N=0)	SMB (N=72)	WAE (N=1852)	WHB (N=5)
30					1	
40						
50						
60						
70						
80						
90						
100						
110						
120						
130						
140						
150						
160						
170						
180						
190						
200						
210						
220						
230				1		1
240				1		
250				4		
260				1		
270				1		
280				2	2	
290				2		
300				5	3	1
310				4	14	
320				5	18	
330	1			5	20	1
340				7	37	
350				7	47	
360				3	77	
370				2	86	
380	1			1	283	
390	1			2	326	
400				9	262	1
410				5	198	
420				1	141	
430				2	96	
440					60	
450				2	56	1
460					32	
470					23	
480					20	
490					11	
500					7	
510					9	
520					6	
530					4	
540					3	
550					1	
560					1	
570					1	
580	1				2	
590					1	
600					2	
610					1	
620						
630					1	

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



Summer 2018
N = 111
Mean TL = 345 mm



Summer 2019
N = 72
Mean TL = 344 mm

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

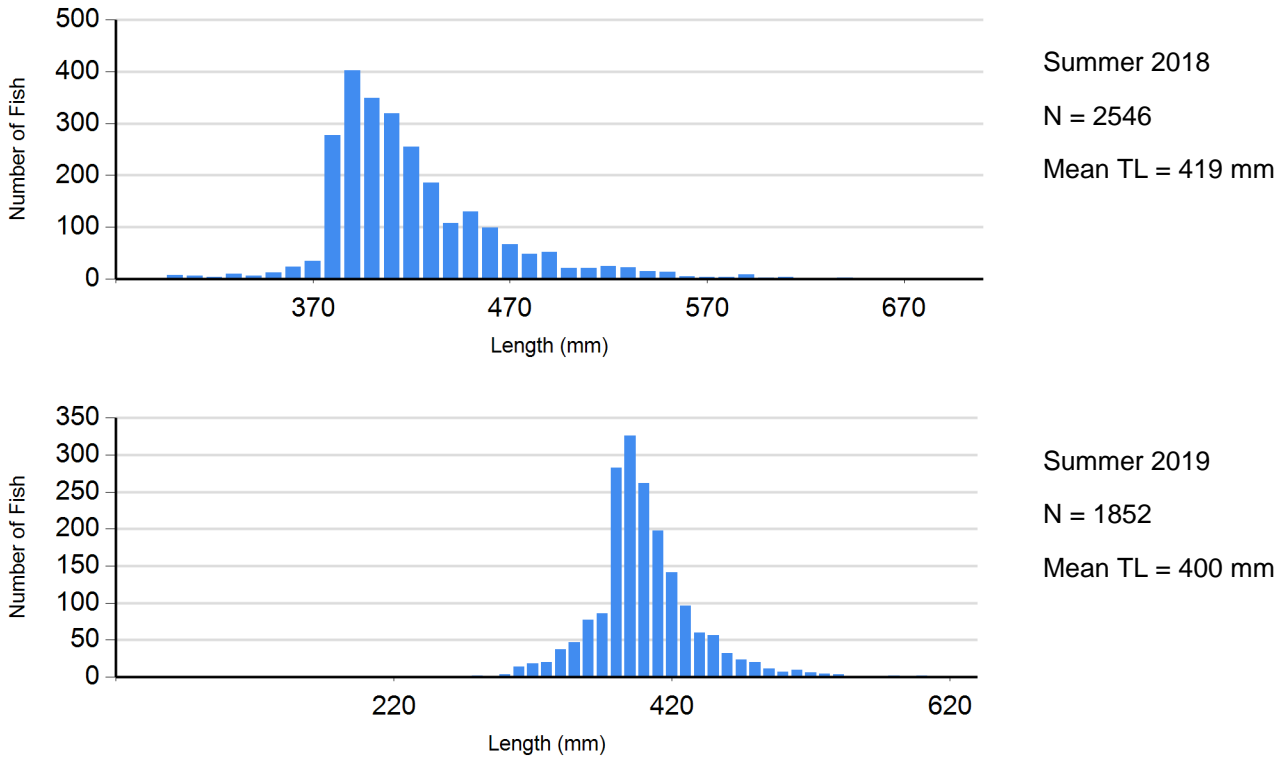


Figure 2. South Dakota county of residence for winter and summer resident anglers fishing Francis Case, South Dakota between April 2018 and July 2019.

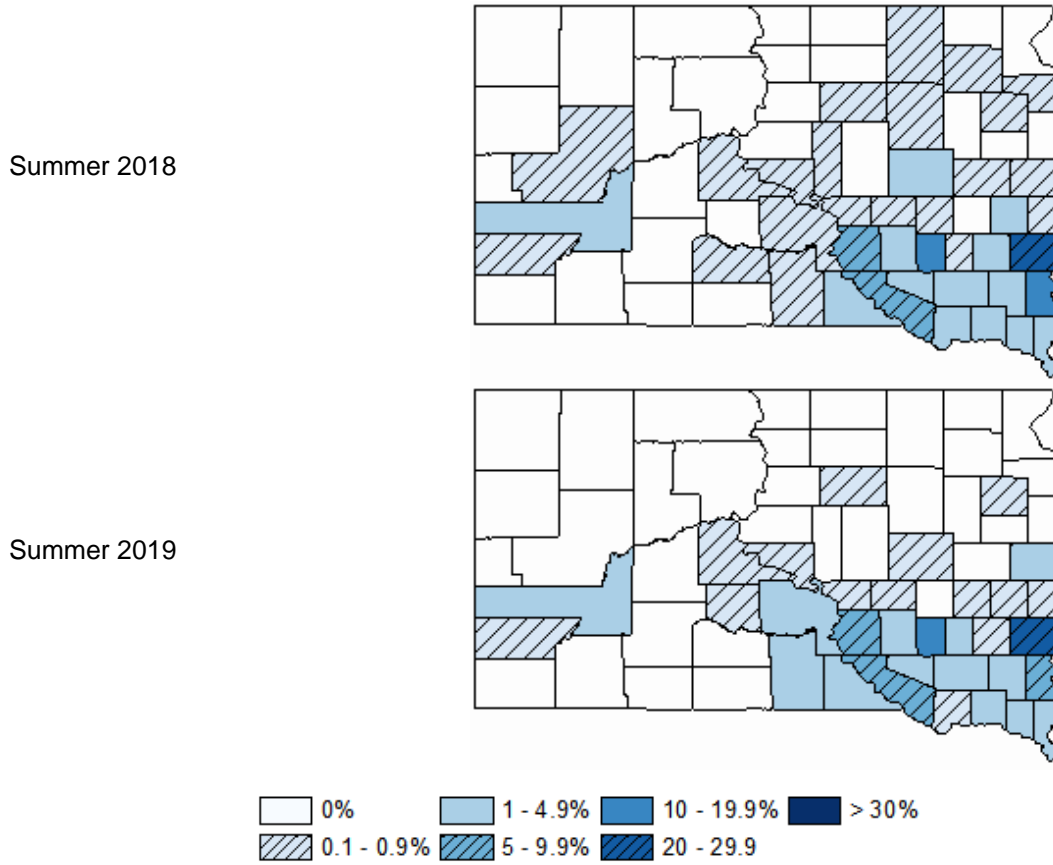


Table 11. Number of parties interviewed that harvested (or caught) a specified number of fish totaled over selected strata for a species.

Angler Harvest	Counts					
	CCF (n=1046)	NOP (n=1046)	PAH (n=1046)	SMB (n=1046)	WAE (n=1046)	WHB (n=1046)
0.00	991	1046	1046	977	418	1014
0.13	0	0	0	1	0	0
0.17	0	0	0	0	5	1
0.20	1	0	0	0	7	0
0.25	4	0	0	5	18	3
0.33	11	0	0	16	36	8
0.40	0	0	0	2	0	0
0.50	13	0	0	14	72	6
0.60	0	0	0	0	1	0
0.67	4	0	0	2	33	3
0.75	0	0	0	1	8	0
0.80	0	0	0	0	1	0
0.83	0	0	0	0	1	0
1.00	12	0	0	10	101	4
1.17	0	0	0	0	1	0
1.25	0	0	0	0	2	0
1.33	1	0	0	1	19	0
1.50	0	0	0	4	42	0
1.60	0	0	0	0	3	1
1.67	1	0	0	0	11	0
1.75	0	0	0	0	2	0
2.00	0	0	0	4	53	1
2.25	0	0	0	0	1	0
2.33	0	0	0	0	12	1
2.40	0	0	0	0	1	0
2.50	0	0	0	3	29	0
2.67	0	0	0	0	5	0
2.75	0	0	0	0	2	0
3.00	0	0	0	2	43	1
3.25	0	0	0	0	3	0
3.33	2	0	0	0	7	0
3.50	0	0	0	0	24	0
3.67	1	0	0	0	6	0
4.00	0	0	0	1	77	1
5.00	1	0	0	3	0	1
5.50	0	0	0	0	1	0
6.00	0	0	0	0	1	0
6.67	0	0	0	0	0	1
7.50	1	0	0	0	0	0
8.00	2	0	0	0	0	0
10.00	1	0	0	0	0	0

Summer 2019

Counts

Angler Harvest	CCF (n=576)	NOP (n=576)	PAH (n=576)	SMB (n=576)	WAE (n=576)	WHB (n=576)
0.00	558	576	576	545	237	534
0.04	0	0	0	0	1	0
0.08	0	0	0	1	1	0
0.09	0	0	0	1	0	0
0.13	0	0	0	0	0	1
0.14	0	0	0	0	1	0
0.20	2	0	0	1	2	2
0.25	2	0	0	3	11	9
0.33	1	0	0	3	5	3
0.50	1	0	0	6	32	7
0.55	0	0	0	0	1	0
0.60	0	0	0	0	1	0
0.63	0	0	0	0	0	1
0.67	0	0	0	1	10	2
0.75	0	0	0	1	0	1
0.80	0	0	0	0	2	0
0.86	0	0	0	0	1	0
1.00	6	0	0	5	35	5
1.25	0	0	0	0	2	0
1.33	0	0	0	0	5	0
1.50	1	0	0	2	23	2
1.60	0	0	0	0	1	3
1.67	0	0	0	0	6	0
1.75	0	0	0	0	2	1
2.00	0	0	0	3	29	3
2.20	0	0	0	0	1	0
2.25	0	0	0	0	3	0
2.33	0	0	0	0	4	0
2.50	2	0	0	0	10	1
2.67	0	0	0	0	7	1
2.75	0	0	0	1	3	0
3.00	2	0	0	1	24	0
3.20	0	0	0	0	1	0
3.25	0	0	0	0	2	0
3.33	0	0	0	0	6	0
3.50	0	0	0	0	13	0
3.60	0	0	0	0	1	0
3.67	0	0	0	1	5	0
3.75	0	0	0	0	3	0
3.80	0	0	0	0	1	0
4.00	1	0	0	0	82	0
5.00	0	0	0	1	0	0
5.50	0	0	0	0	1	0

11.00

0

0

0

0

1

0

Table 12 The number (N) and percent of total interviews in supplemental-response categories by question asked during interviews at Francis Case.

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

Response	Summer 2019 (n = 290)
Very Satisfied	41%
Moderately Satisfied	23%
Slightly Satisfied	12%
Neutral/No Opinion	9%
Slightly Dissatisfied	5%
Moderately Dissatisfied	7%
Very Dissatisfied	4%

Question: Considering numbers, sizes, and species caught, how satisfied are you with your fishing experience today?

Response	Summer 2019 (n = 281)
Very Satisfied	38%
Moderately Satisfied	20%
Slightly Satisfied	12%
Neutral/No Opinion	11%
Slightly Dissatisfied	8%
Moderately Dissatisfied	7%
Very Dissatisfied	5%

Question: Where have you primarily received information about Aquatic Invasive Species?

Response	Summer 2019 (n = 270)
All of the above	1%
Emails	1%
Fishing Handbook	18%
GFP	1%
Internet	20%
No info	0%
Not Familiar	1%
Nothing	0%
Sd walleyes unlimited	0%
Signs	1%
TV/Radio	15%
Word of mouth	40%

Question: Are you in favor of the current walleye regulations on Lake Francis Case?

Response	Summer 2019 (n = 290)
No	10%
Yes	90%