

SOUTH DAKOTA STATEWIDE FISHERIES SURVEY
Sharpe, Hughes County
FTR-Lake-6327-001
2023

Lake Information

Name: Sharpe
County: Hughes
Surface Area: 58,660 Acres

Surveys and Investigations

Survey methods used by gear type, date, and effort.

Gear	Date	Effort
AFS std gill net	Sep 18, 2023	15 net-nights
AFS std gill net	Sep 19, 2023	14 net-nights
AFS std gill net	Sep 20, 2023	20 net-nights
spring day EF	Jun 01, 2023	20320 seconds
spring day EF	Jun 02, 2023	8100 seconds
spring day EF	Jun 05, 2023	15000 seconds
spring day EF	Jun 06, 2023	23520 seconds
spring day EF	Jun 07, 2023	19200 seconds
spring day EF	Jun 08, 2023	1620 seconds
spring day EF	Jun 09, 2023	14520 seconds
spring day EF	Jun 12, 2023	7200 seconds
spring day EF	Jun 13, 2023	9000 seconds
spring day EF	Jun 14, 2023	7620 seconds
spring day EF	May 17, 2023	13734 seconds
spring day EF	May 18, 2023	4200 seconds
spring day EF	May 19, 2023	14327 seconds
spring day EF	May 22, 2023	5400 seconds
spring day EF	May 23, 2023	25920 seconds
spring day EF	May 25, 2023	12300 seconds
spring day EF	May 30, 2023	13620 seconds
spring day EF	May 31, 2023	20340 seconds

Common Fish Species Present

Smallmouth Bass

Walleye

Channel Catfish

Yellow Perch

Sauger

River Carpsucker

Shorthead Redhorse

White Bass

Gizzard Shad

Freshwater Drum

Terminology

Catch per unit effort (**CPUE**) refers to the relative abundance of a species. It is defined as the number of fish captured per unit of effort (i.e., number of fish captured per net-night or number of fish captured per hour electrofishing). In this report CPUE is typically given for only stock-length fish (see length categories table for stock lengths).

A statewide effort to help make netting efforts comparable to all waters sampled across the state, occurred in 2017, with a switch to American Fisheries Society gill nets. Past gill netting efforts were completed with different style/types of nets and are not comparable side by side.

- **AFS std gill net** – 80 ft experimental gill net containing eight panels (10 ft each) of varying monofilament meshes of 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25 and 2.50 inches.
- **std experimental gill net for non-Missouri River waters** - 150 ft experimental gill net containing six panels (25 ft each) of varying monofilament meshes of 0.5, 0.75, 1.00, 1.25, 1.50 and 2.00 inches.
- **std experimental gill net for Missouri River reservoirs** – 300 ft experimental gill net containing six panels (50 ft each) of varying multifilament meshes of 0.5, 0.75, 1.00, 1.25, 1.50 and 2.00 inches.

$$CPUE = \frac{\text{number of fish}}{\text{effort}}$$

Population size structure is quantified using the indices proportional size distribution of quality-length fish (**PSD**) and proportional size distribution of preferred-length fish (**PSD-P**). These indices indicate the proportion of stock-length fish that are equal to or greater than a given length. Minimum lengths for stock, quality and preferred length fish are given in the length categories table.

$$PSD = \left(\frac{\text{number of fish} \geq \text{quality length}}{\text{number of fish} \geq \text{stock length}} \right) \times 100$$

$$PSD - P = \left(\frac{\text{number of fish} \geq \text{preferred length}}{\text{number of fish} \geq \text{stock length}} \right) \times 100$$

Relative weight (**Wr**) is used to quantify fish plumpness. Relative weight is the ratio of what a fish weighs (*W*) compared to a length-specific standard weight (*Ws*) multiplied by 100. Relative weight values of 95-105 are commonly cited as optimum values, but values in the 80s are common during summer sampling in South Dakota.

$$Wr = \left(\frac{W}{W_s} \right) \times 100$$

Confidence intervals (CI) are provided for many of the estimates calculated in this report. The confidence interval provides a range in which the true mean is expected to fall. For example, with an 80% CI we are 80% confident that the interval contains the true value.

Length categories include stock (S), quality (Q), preferred (P), memorable (M) and trophy (T). Length categories for most species have been defined based on a percentage of the world record length for that species. Some species mentioned in this report do not have defined length categories. Length categories for species used in this report are provided in the following table. Measurements are the minimum total length for each category and are reported in inches (in) and centimeters (cm).

Species Name	Stock		Quality		Preferred		Memorable		Trophy	
	(in)	(cm)	(in)	(cm)	(in)	(cm)	(in)	(cm)	(in)	(cm)
Black Bullhead	6	15	9	23	12	30	15	38	18	46
Black Crappie	5	13	8	20	10	25	12	30	15	38
Bluegill	3	8	6	15	8	20	10	25	12	30
Brown Trout	8	20	12	30	16	40	20	50	18	46
Channel Catfish	11	28	16	41	24	61	28	71	36	91
Freshwater Drum	8	20	12	30	15	38	20	51	25	63
Lake Trout	12	30	20	50	26	65	31	80	39	100
Largemouth Bass	8	20	12	30	15	38	20	51	25	63
Muskellunge	20	51	30	76	38	97	42	107	50	127
Northern Pike	14	35	21	53	28	71	34	86	44	112
Pumpkinseed	3	8	6	15	8	20	10	25	12	30
Rainbow Trout	10	25	16	40	20	50	26	65	31	80
Rudd	6	15	10	25	12	30	15	38	19	48
Sauger	8	20	12	30	15	38	20	51	25	63
Smallmouth Bass	7	18	11	28	14	35	17	43	20	51
Walleye	10	25	15	38	20	51	25	63	30	76
White Bass	6	15	9	23	12	30	15	38	18	46
White Crappie	5	13	8	20	10	25	12	30	15	38
Yellow Bullhead	4	10	7	18	9	23	11	28	14	36
Yellow Perch	5	13	8	20	10	25	12	30	15	38

Catch Summary of Stock Length Fish

Catch per unit effort (CPUE), proportional size distribution (PSD), proportional size distribution of preferred length fish (PSD-P), and relative weight (Wr) for species sampled in survey with 80% confidence interval (CI-80).

* **Methods/Species that ignore stock length**

Gear	Species	Sample Size (n)	Abundance		Stock Density Indices			Condition		
			CPUE	CI-80	PSD	CI-80	PSD-P	CI-80	Wr	CI-80
AFS std gill net	Alewife	2	0.0	0.0						
	Bigmouth Buffalo	1	0.0	0.0	100		100			
	Channel Catfish	127	2.6	0.6	84	5	17	5	93	2
	Common Carp	16	0.3	0.2	94		75		102	10
	Flathead Catfish	1	0.0	0.0	100		100			
	Freshwater Drum	17	0.3	0.1	100		80		98	5
	Gizzard Shad	19	0.3	0.1	100				107	2
	Goldeye	3	0.0	0.0						
	River Carpsucker	18	0.4	0.2	100		100		106	5
	Sauger	26	0.5	0.2	92		27	14	72	1
	Saugeye	1	0.0	0.0	0		0		74	
	Shorthead Redhorse	20	0.4	0.2	100		100		101	2
	Smallmouth Bass	95	1.9	0.9	83	6	54	7	106	2
	Smallmouth Buffalo	5	0.1	0.1	100		80		88	
	Walleye	265	5.2	0.8	32	4	1		83	1
White Bass	18	0.4	0.2	100		100		103	2	
Yellow Perch	67	1.4	0.4	64	9	40	9	88	1	
spring day EF*	Smallmouth Bass	2159	33.2	4.0	95	1	49	1		

10-Year Catch Per Unit Effort by Gear and Species

Catch per unit effort (CPUE) and average (Avg) of species across 10 years using different gear types.

* Methods/Species that ignore stock length

Gear	Species	CPUE										Avg	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
AFS gill net (1/2 inch)*	Black Crappie				0.0	0.0	0.0	0.0	0.0				0.00
	Channel Catfish				0.1	0.0	0.0	0.1	0.1				0.06
	Common Carp				0.0	0.0	0.1	0.1	0.1				0.06
	Freshwater Drum				0.0	0.0	0.0	0.1	0.0				0.02
	Gizzard Shad				0.0	0.1	0.0	2.2	0.0				0.46
	Goldeye				0.0	0.0	0.0	0.0	0.1				0.02
	Lake Herring				0.0	0.0	0.0	0.0	0.0				0.00
	Northern Pike				0.0	0.0	0.0	0.0	0.0				0.00
	Rainbow Smelt				0.0	0.0	0.0	0.0	0.0				0.00
	Sauger				0.0	0.0	0.1	0.0	0.1				0.04
	Shorthead Redhorse				0.0	0.0	0.0	0.0	0.0				0.00
	Smallmouth Bass				0.0	0.0	0.0	0.0	0.0				0.00
	Smallmouth Buffalo				0.0	0.0	0.0	0.0	0.0				0.00
	Spottail Shiner				0.2	0.5	0.6	0.3	0.1				0.34
	Walleye				0.3	0.4	0.2	0.3	0.5				0.34
White Bass				0.0	0.0	0.0	0.0	0.0				0.00	
Yellow Perch				0.2	0.3	0.3	0.3	0.5				0.32	
AFS std gill net	Alewife	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Bigmouth Buffalo	0.0			0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.01
	Black Bullhead	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Black Crappie	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Channel Catfish	2.3			4.9	4.2	2.7	4.3	4.6	2.2	2.6	3.48	
	Chinook Salmon	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Common Carp	0.4			0.9	0.6	0.8	0.8	1.2	0.8	0.3	0.73	
	Flathead Catfish	0.0			0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.03
	Freshwater Drum	0.4			0.6	0.4	0.5	0.6	0.5	0.1	0.3	0.43	
	Gizzard Shad	0.2			0.3	0.3	0.5	0.3	0.4	0.8	0.3	0.39	
	Goldeye	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Lake Herring	0.0			0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.01
	Northern Pike	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Rainbow Trout	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Redhorse	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
River Carpsucker	0.8			0.2	0.0	0.1	0.4	0.5	0.3	0.4	0.34		
Sauger	1.0			0.4	0.1	0.2	0.1	0.4	0.9	0.5	0.45		

		CPUE										
Gear	Species	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
AFS std gill net	Saugeye	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Shorthead Redhorse	0.6			0.1	0.2	0.3	0.4	0.3	0.4	0.4	0.34
	Shortnose Gar	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Shovelnose Sturgeon	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Smallmouth Bass	1.9			0.8	1.0	0.9	0.7	2.3	2.3	1.9	1.48
	Smallmouth Buffalo	0.3			0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.09
	Spottail Shiner	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Walleye	12.9			5.0	3.4	2.6	7.6	4.4	6.1	5.2	5.90
	White Bass	0.6			0.8	0.1	0.1	0.1	0.3	0.5	0.4	0.36
	White Crappie	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	White Sucker	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Yellow Perch	1.3			0.6	1.1	0.5	1.1	1.1	1.3	1.4	1.05	
large seine*	Walleye	13.0	5.1	5.8	3.1	2.7	1.0					5.12
spring day EF*	Smallmouth Bass										33.2	33.20
std exp gill net	Bigmouth Buffalo	0.0	0.0	0.2								0.07
	Black Bullhead	0.0	0.0	0.0								0.00
	Black Crappie	0.0	0.1	0.1								0.07
	Burbot	0.0	0.0	0.0								0.00
	Channel Catfish	3.0	4.0	4.8								3.93
	Chinook Salmon	0.0	0.0	0.0								0.00
	Common Carp	1.1	2.0	1.5								1.53
	Freshwater Drum	0.1	0.4	0.5								0.33
	Gizzard Shad	0.3	0.6	3.6								1.50
	Goldeye	0.0	0.0	0.0								0.00
	Lake Herring	0.0	0.6	0.0								0.20
	Largemouth Bass	0.0	0.0	0.0								0.00
	Northern Pike	0.0	0.0	0.0								0.00
	Rainbow Trout	0.0	0.0	0.0								0.00
	River Carpsucker	2.0	2.7	0.3								1.67
	Sauger	1.6	1.9	1.4								1.63
	Shorthead Redhorse	0.7	1.5	0.3								0.83
	Shortnose Gar	0.0	0.0	0.0								0.00
	Shovelnose Sturgeon	0.0	0.0	0.0								0.00
	Smallmouth Bass	0.6	0.7	1.6								0.97
Smallmouth Buffalo	0.1	0.0	0.0								0.03	
Spottail Shiner	0.0	0.0	0.0								0.00	
Walleye	8.0	12.9	21.3								14.07	

CPUE

Gear	Species	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
std exp gill net	White Bass	0.2	0.0	0.2								0.13
	White Crappie	0.0	0.0	0.8								0.27
	White Sucker	0.0	0.0	0.0								0.00
	Yellow Perch	0.9	3.0	2.7								2.20

10-Year Size Structure and Condition Statistics by Gear and Species

Species proportional size distribution (PSD), proportional size distribution of preferred length fish (PSD-P), and relative weight (Wr) collected by different gear types across 10 years.

Gear	Species	Index	Year									
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AFS std gill net	Channel Catfish	PSD	86			68	68	67	78	84	79	84
		PSD-P	39			18	21	16	18	17	22	17
		Wr				85	90	91	88	88	86	93
	Gizzard Shad	PSD	100			100	96	100	100	68	100	100
		Wr				97	99	108	103	104	99	107
	River Carpsucker	PSD	96			94	100	100	100	92	100	100
		PSD-P	96			50	100	100	96	85	81	100
		Wr				98	92	100	104	99	104	106
	Sauger	PSD	97			93	100	92	100	50	100	92
		PSD-P	49			26	38	33	20	33	32	27
		Wr				72	70	65	80	73	72	72
	Shorthead Redhorse	PSD	100			100	94	85	100	79	100	100
		PSD-P	81			100	81	70	56	50	100	100
		Wr				102	98	108	100	100	105	101
	Smallmouth Bass	PSD	68			70	90	87	88	82	81	83
		PSD-P	26			32	49	61	31	40	47	54
		Wr				99	100	93	103	104	101	106
	Walleye	PSD	26			35	40	47	57	65	24	32
		PSD-P	2			1	1	1	2	1	2	1
		Wr				77	80	78	89	81	80	83
	White Bass	PSD	96			100	100	100	100	82	92	100
PSD-P		74			100	100	100	100	24	92	100	
Wr					93	100	92	98	122	97	103	
Yellow Perch	PSD	56			57	55	68	68	85	75	64	
	PSD-P	22			19	17	14	22	44	44	40	
	Wr				87	86	98	93	87	86	88	
spring day EF	Smallmouth Bass	PSD										95
		PSD-P										
std exp gill net	Channel Catfish	PSD	77	68	44							
		PSD-P	15	13	9							
		Wr	86	89	85							
	Gizzard Shad	PSD	100	14	36							

Gear	Species	Index	Year									
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
std exp gill net	Gizzard Shad	Wr	102	95	94							
		PSD	98	100	100							
		PSD-P	92	89	100							
	River Carpsucker	Wr	100	93	98							
		PSD	92	98	97							
		PSD-P	66	60	55							
	Sauger	Wr	72	76	74							
		PSD	100	100	100							
		PSD-P	94	100	63							
	Shorthead Redhorse	Wr	98	100	185							
		PSD	79	71	71							
		PSD-P	57	35	47							
	Smallmouth Bass	Wr	101	100	101							
		PSD	52	41	41							
		PSD-P	1	0	1							
	Walleye	Wr	85	79	82							
		PSD	100	100	100							
		PSD-P	100	100	60							
	White Bass	Wr	104	93	94							
		PSD	36	56	62							
		PSD-P	32	15	17							
Yellow Perch	Wr	92	96	84								

Length at Capture

Mean length at capture by age across years sampled, sample size (N).

Species: Sauger

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2022	40		341 (25)	392 (7)	427 (4)		441 (1)	461 (2)	461 (1)		
2021	17	234 (7)	294 (2)	383 (7)					511 (1)		
2020	5			331 (1)	388 (2)	366 (1)	371 (1)				
2019	11		284 (1)	341 (3)	346 (1)	377 (5)		415 (1)			
2018	7			356 (4)	359 (2)	384 (1)					
2017	27		321 (8)	361 (15)	432 (2)			468 (2)			
2016	32		330 (12)	382 (5)	396 (5)	404 (1)	404 (1)	474 (7)			
2015	44		317 (9)	391 (19)	408 (2)	417 (7)	459 (3)		413 (1)	445 (2)	451 (1)
2014	67	289 (6)	349 (21)	387 (15)	409 (17)	419 (8)		564 (1)		526 (2)	

Species: Walleye

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2022	297	270 (69)	333 (151)	378 (12)	407 (21)	460 (2)	447 (18)	436 (5)	446 (7)	501 (8)	438 (2)
2021	277	227 (63)	330 (41)	387 (59)	429 (26)	424 (41)	428 (16)	440 (17)	429 (7)	439 (2)	500 (2)
2020	548	238 (12)	328 (118)	371 (97)	393 (127)	408 (61)	406 (80)	420 (39)	473 (6)		586 (7)
2019	199	222 (16)	319 (15)	359 (48)	384 (26)	380 (53)	404 (29)	451 (7)		500 (2)	462 (1)
2018	264	236 (24)	318 (62)	360 (49)	379 (55)	400 (55)	437 (12)		393 (1)	553 (2)	485 (3)
2017	377	239 (28)	313 (65)	357 (144)	390 (86)	418 (30)	407 (3)	442 (4)	464 (6)	456 (3)	518 (8)
2016	531	232 (22)	322 (184)	374 (206)	409 (67)		455 (10)	447 (19)	455 (7)	455 (4)	494 (9)
2015	341	214 (34)	327 (121)	382 (130)	450 (5)	426 (15)	423 (18)	416 (11)	432 (6)	465 (1)	
2014	681	245 (150)	337 (292)	389 (25)	397 (63)	427 (80)	423 (38)	426 (17)	456 (6)	461 (10)	

Fish Condition

Mean relative weight (Wr) by sample size (N), length category stock to quality (S-Q), quality to preferred (Q-P), preferred to memorable (P-M), and memorable (M) for species collected across survey years with standard error (SE).

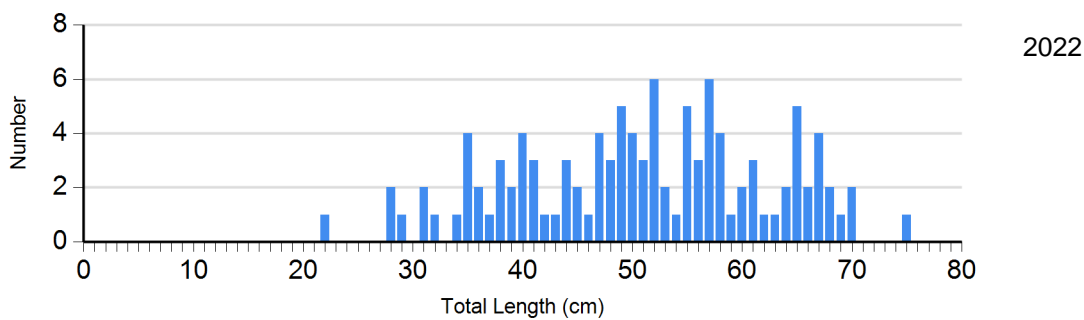
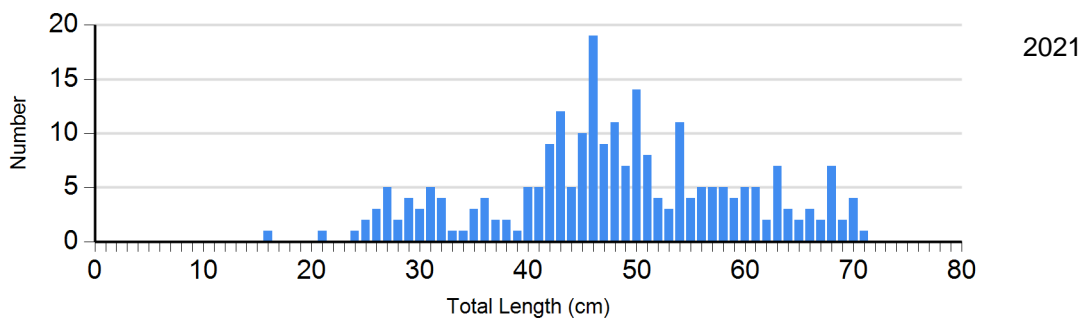
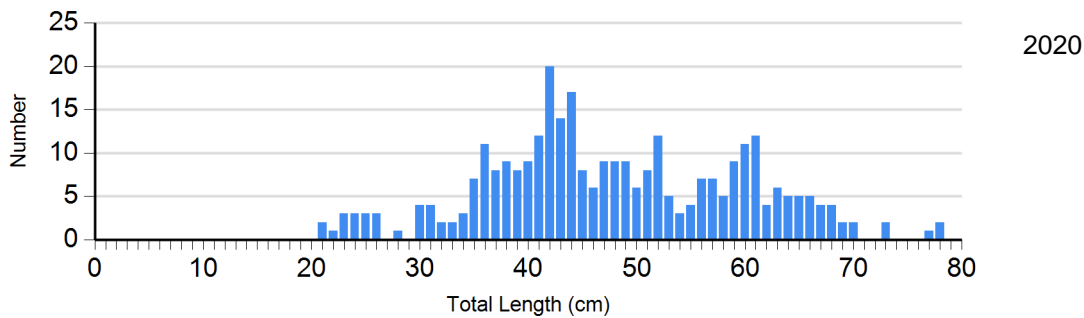
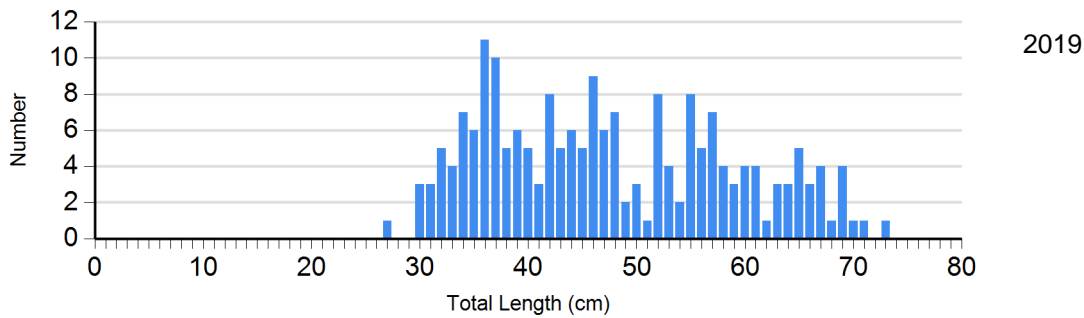
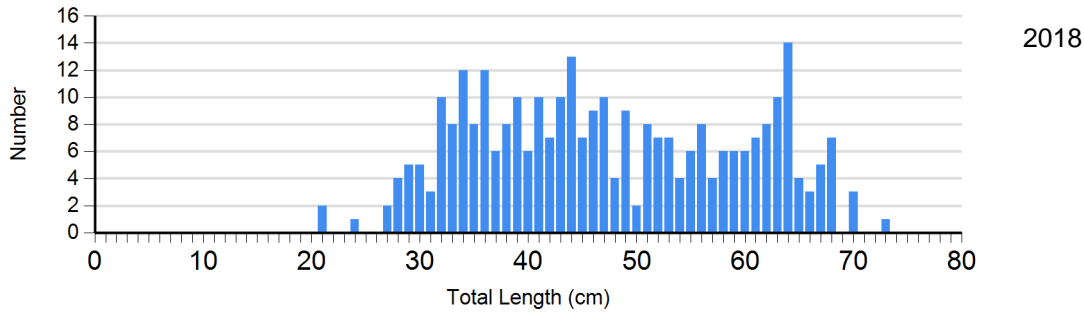
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Channel Catfish Gill Net	2019	65	90 (0.7)	100	92 (1.1)	29	94 (1.9)	2	85 (6.4)
	2020	68	90 (0.8)	181	87 (0.7)	49	91 (1.8)	5	86 (6.6)
	2021	37	102 (11.7)	155	85 (0.8)	37	84 (1.9)	1	100
	2022	23	90 (2.3)	60	86 (0.9)	23	82 (1.5)	1	81
	2023	20	95 (2.4)	84	94 (1.0)	18	90 (5.4)	3	86 (4.3)
Sauger Gill Net	2019	1	74	7	67 (4.0)	4	59 (2.7)	0	
	2020	0		4	81 (4.4)	1	73	0	
	2021	9	76 (0.9)	3	69 (3.7)	5	71 (1.1)	1	67
	2022	0		28	73 (1.2)	13	71 (2.5)	0	
	2023	2	74 (0.5)	17	72 (1.1)	7	72 (1.5)	0	
Walleye Gill Net	2019	97	81 (0.7)	85	76 (0.8)	2	75 (2.3)	0	
	2020	230	90 (0.5)	299	88 (0.4)	7	87 (4.8)	2	101 (0.5)
	2021	77	83 (0.8)	143	80 (0.4)	2	82 (0.9)	0	
	2022	222	81 (0.4)	65	76 (1.1)	4	81 (1.6)	1	78
	2023	172	84 (0.7)	78	82 (0.7)	3	82 (3.7)	0	
White Bass Gill Net	2019	0		0		2	102 (2.1)	6	89 (4.2)
	2020	0		0		1	104	6	97 (2.5)
	2021	3	224 (116.9)	10	100 (1.6)	0		4	96 (4.7)
	2022	2	96 (17.5)	0		15	98 (1.4)	7	95 (2.9)
	2023	0		0		13	104 (1.5)	5	99 (3.1)
Yellow Perch Gill Net	2019	12	110 (4.6)	20	95 (2.2)	5	87 (4.3)	0	
	2020	25	97 (2.2)	35	91 (1.1)	17	92 (1.7)	0	

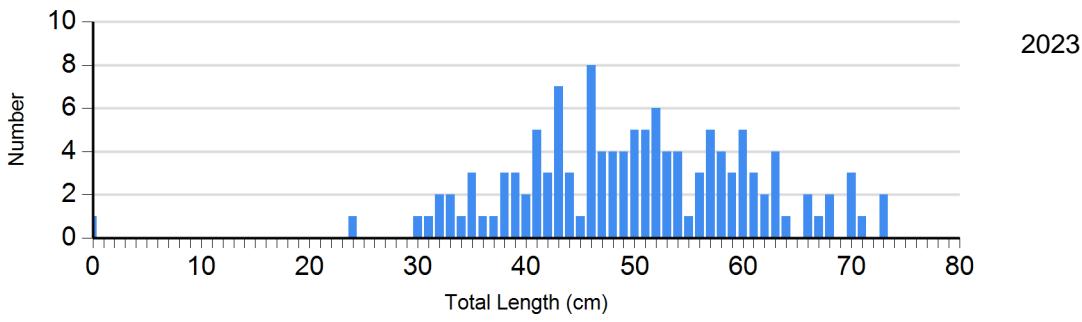
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Yellow Perch Gill Net	2021	8	91 (1.8)	22	86 (1.9)	22	87 (1.9)	2	87 (0.5)
	2022	16	85 (1.8)	19	86 (1.8)	25	87 (1.7)	3	85 (2.3)
	2023	24	86 (1.1)	16	90 (1.7)	24	88 (1.4)	3	86 (1.6)

Length Frequency Distribution

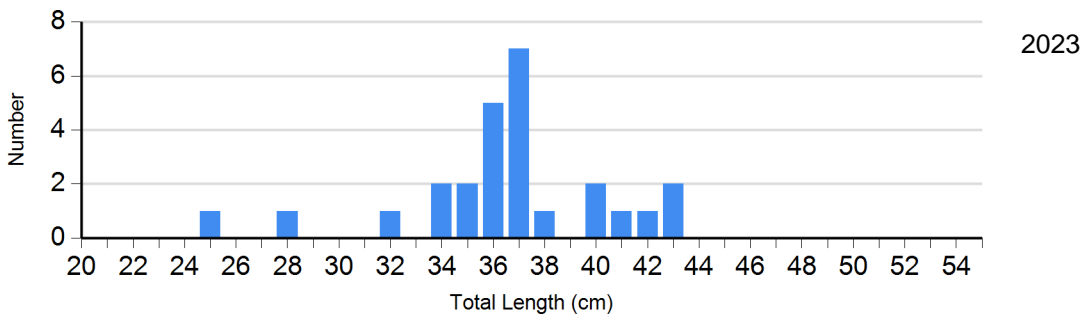
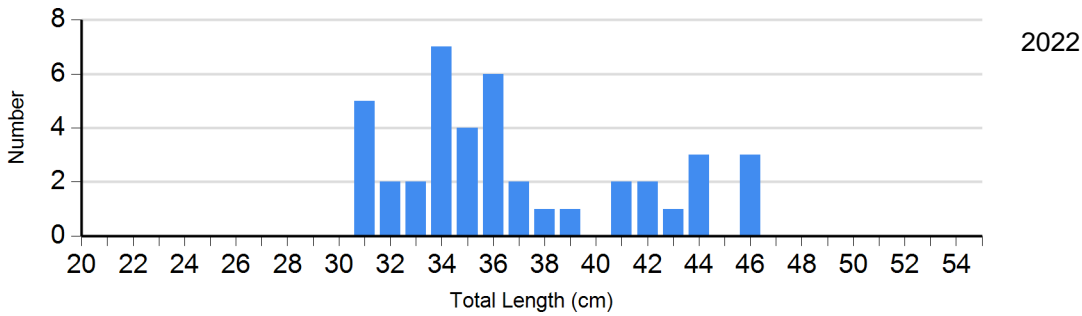
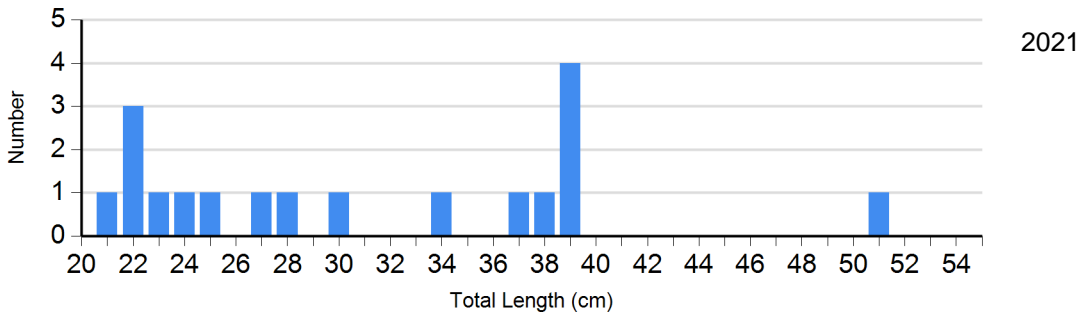
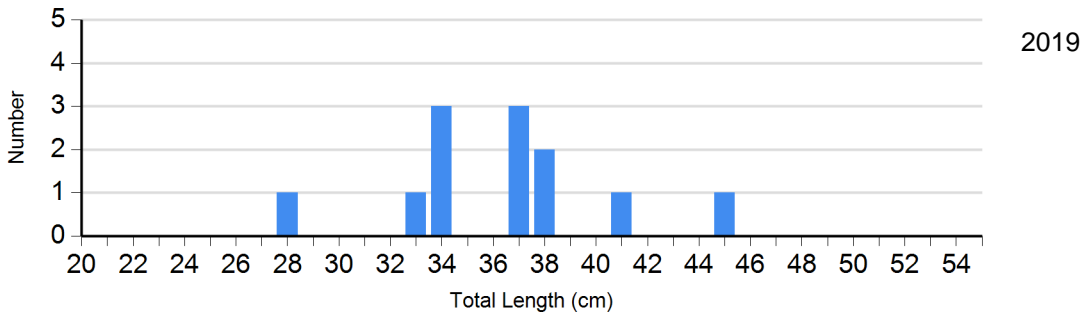
Length frequency histogram of species sampled by year.

Species: Channel Catfish
Gear: AFS std gill net

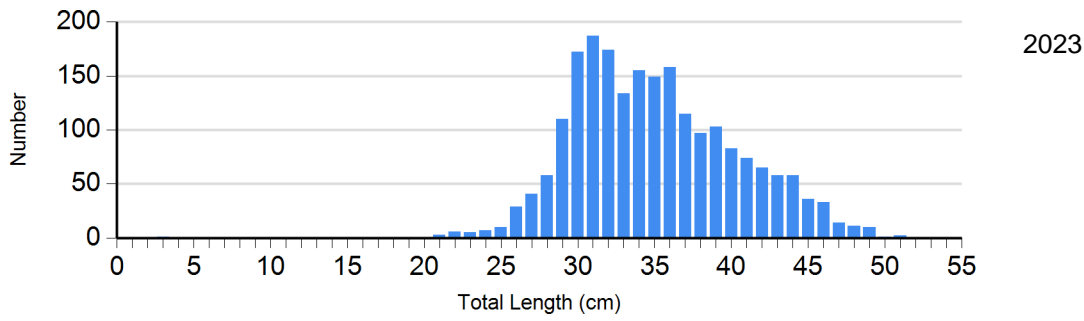




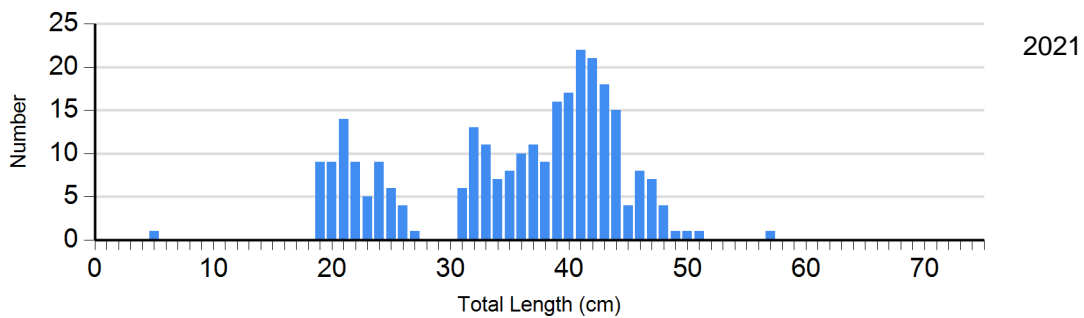
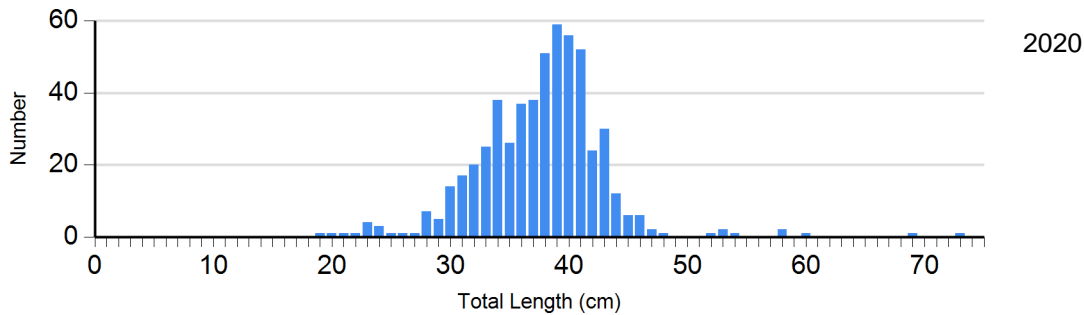
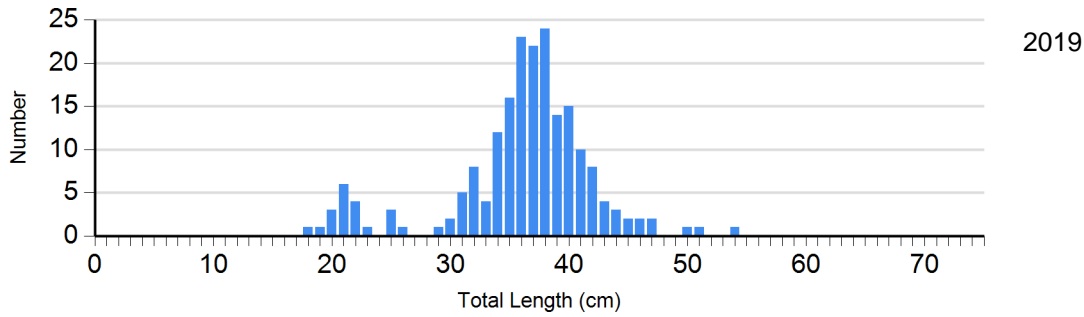
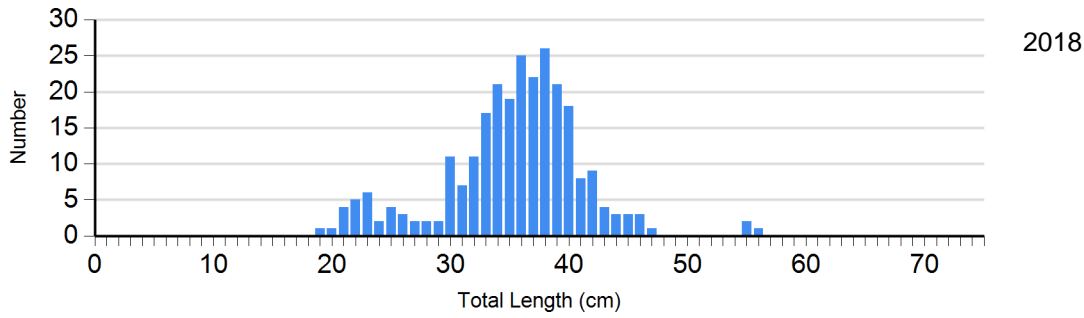
Species: Sauger
Gear: AFS std gill net

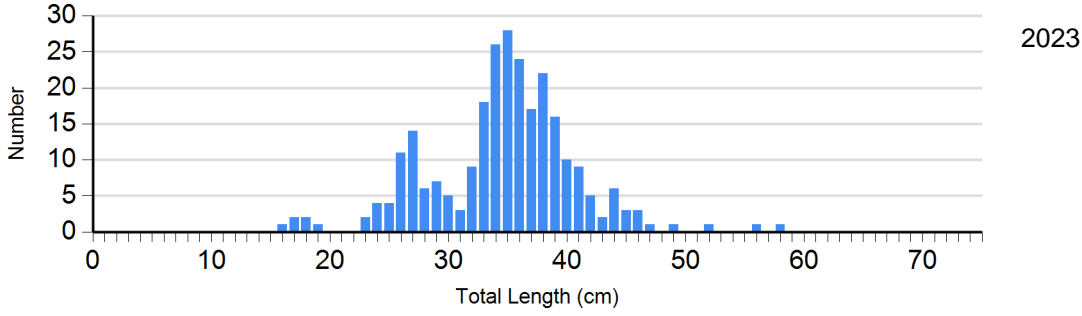
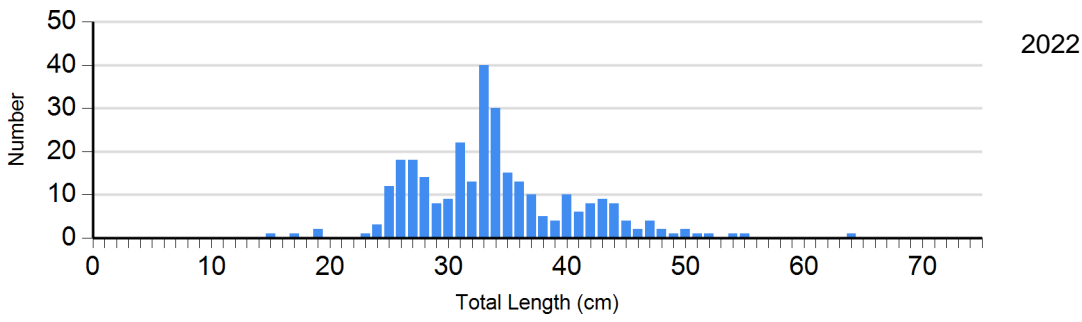


Species: Smallmouth Bass
Gear: spring day EF

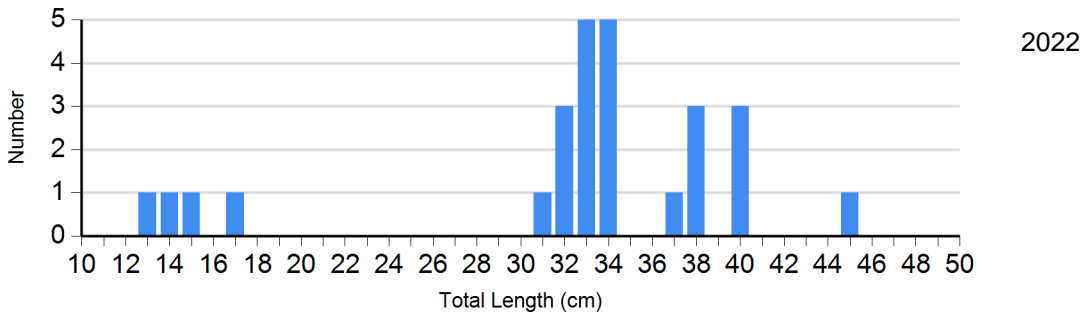
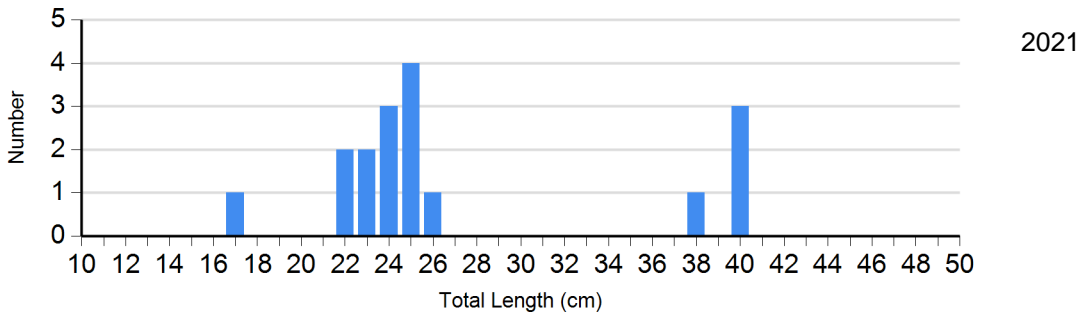
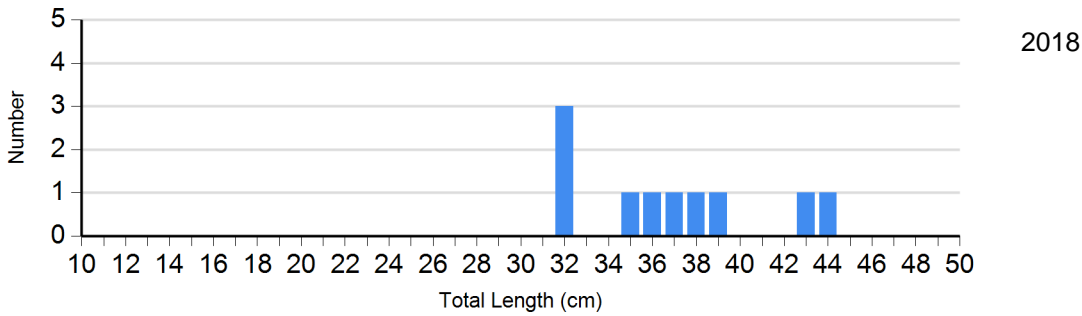


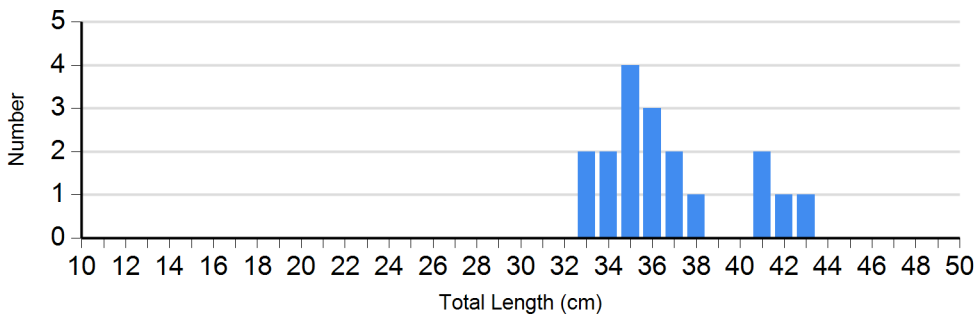
Species: Walleye
Gear: AFS std gill net





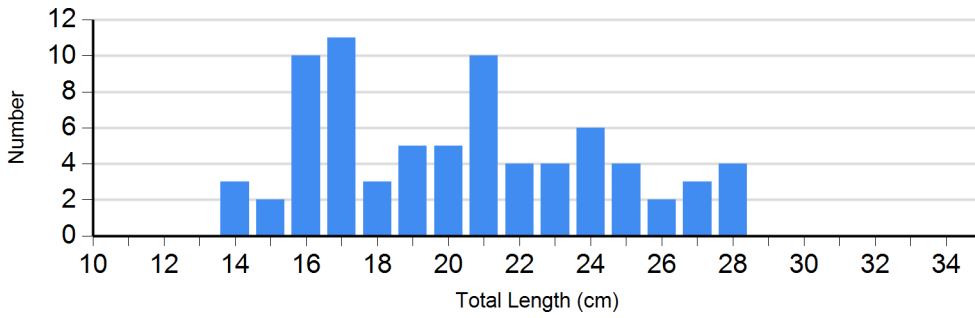
Species: White Bass
 Gear: AFS std gill net



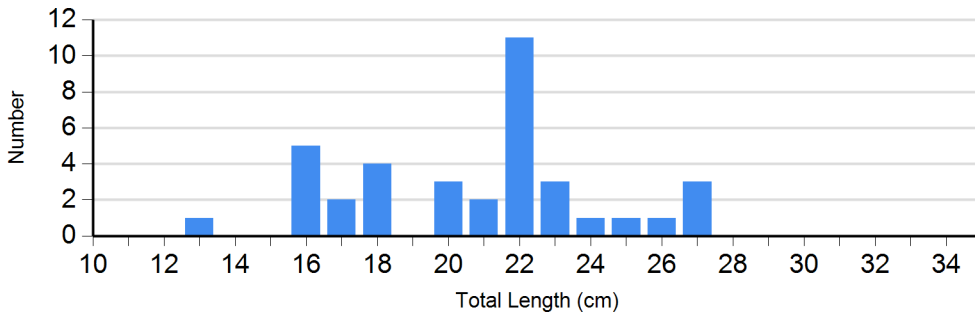


2023

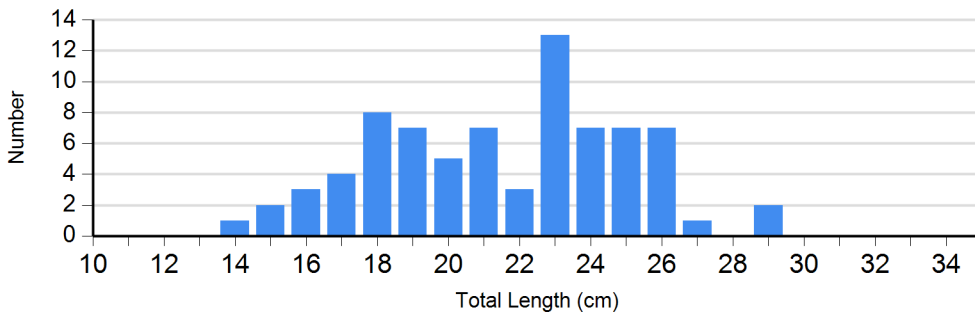
Species: Yellow Perch
Gear: AFS std gill net



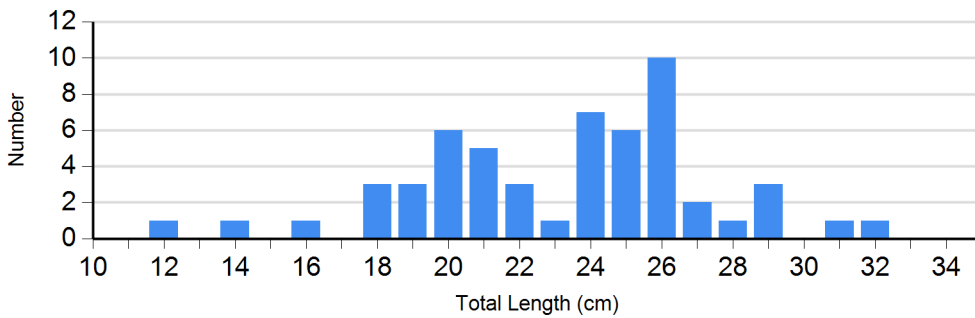
2018



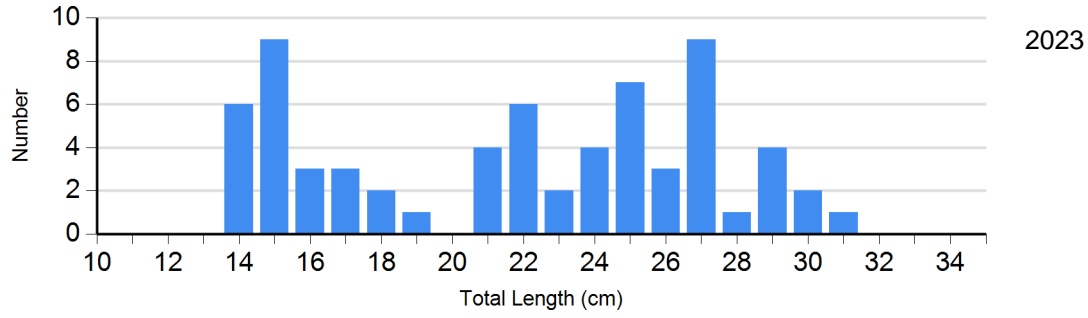
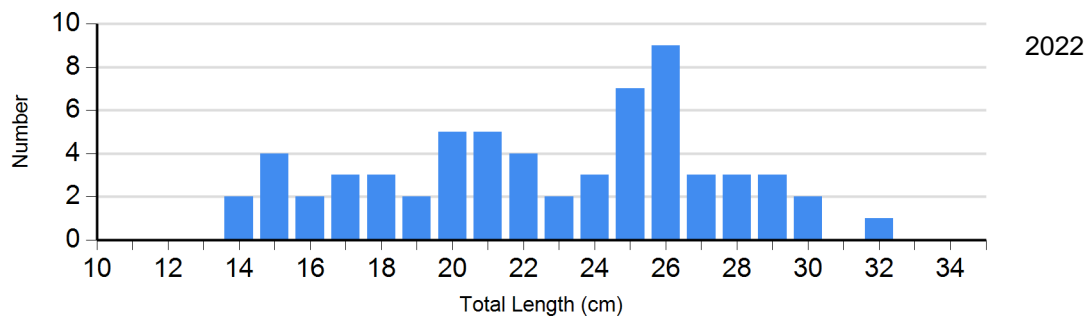
2019



2020



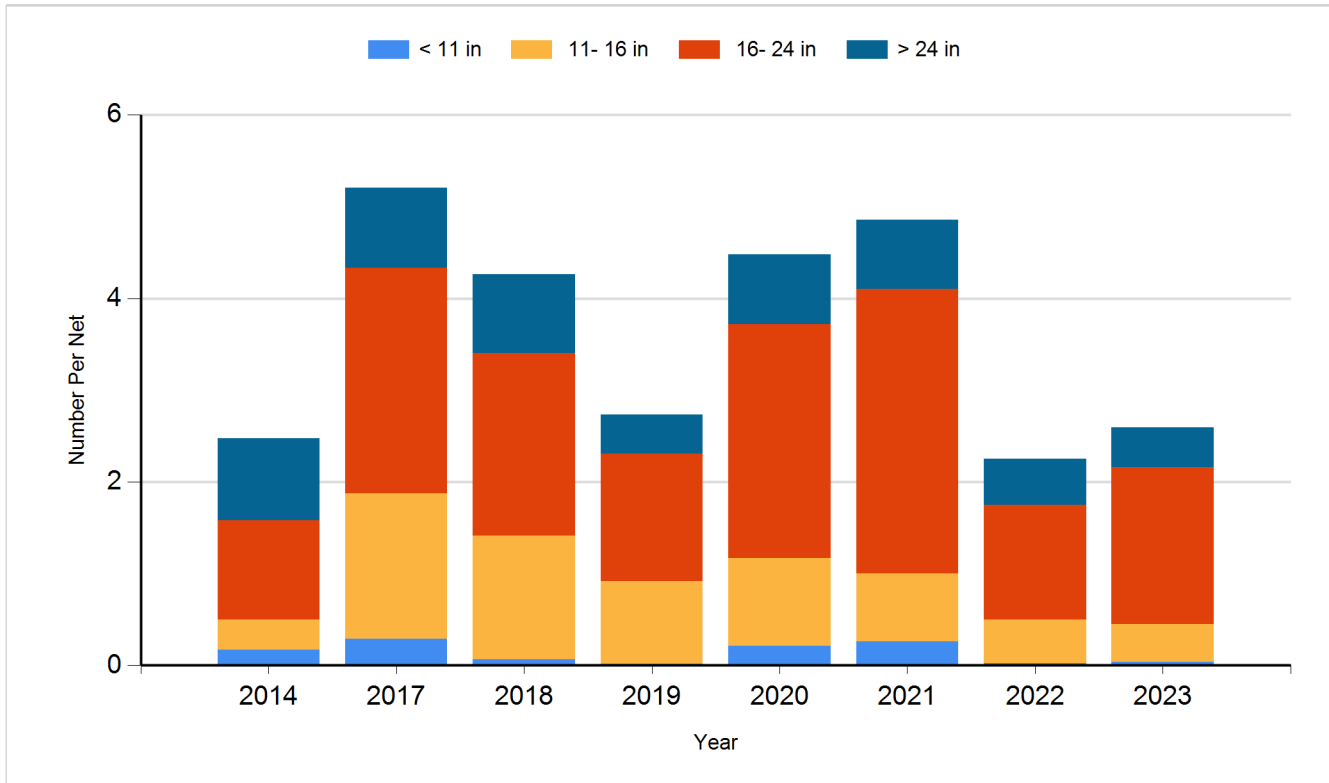
2021



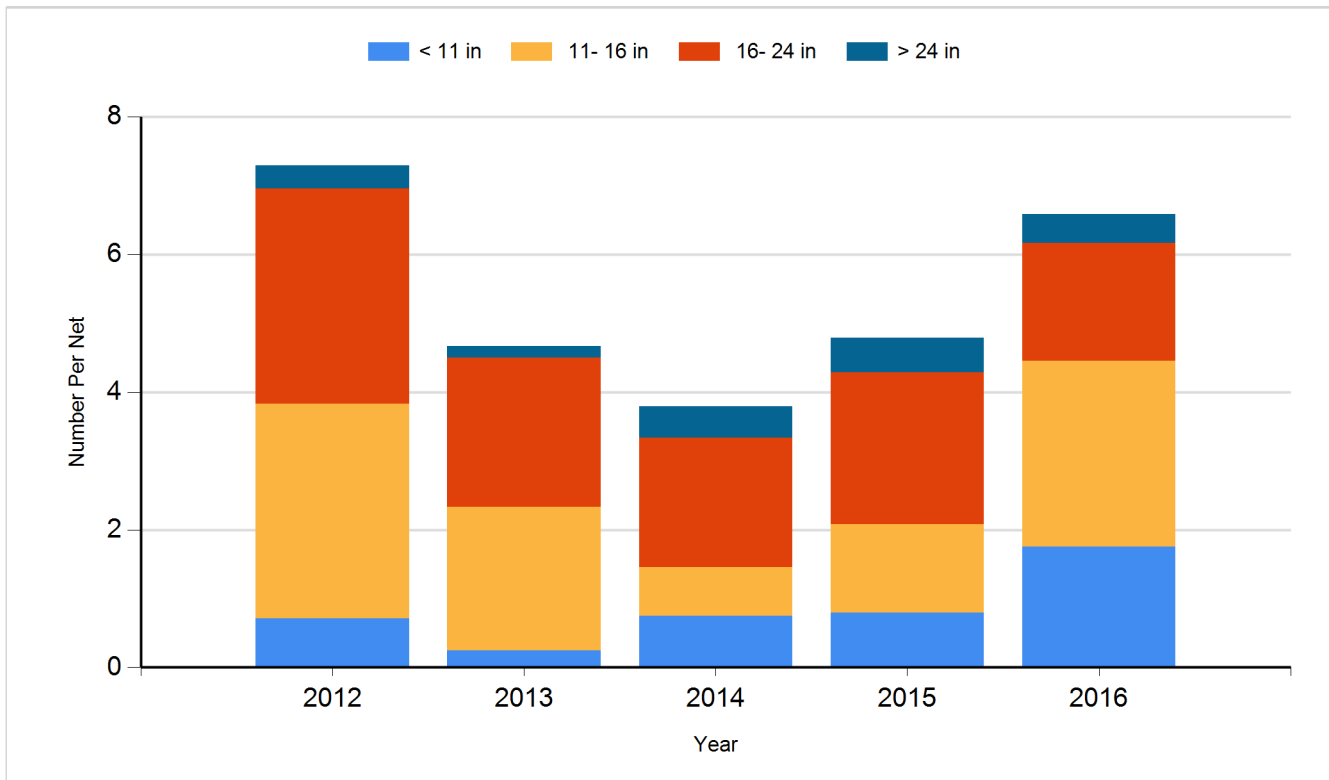
Historic Fish Sizes and Relative Abundance

Size distribution per net by color for species sampled by year.

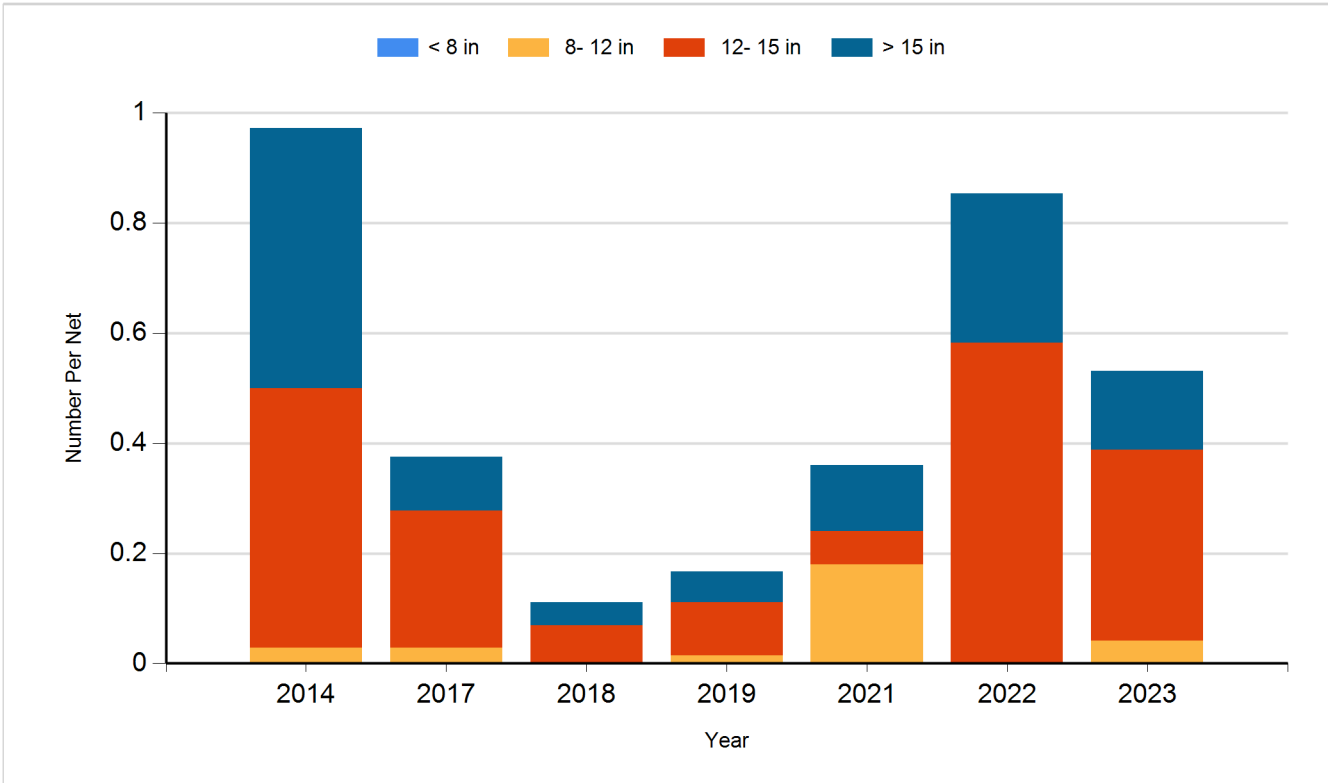
Species: Channel Catfish
Gear: AFS std gill net



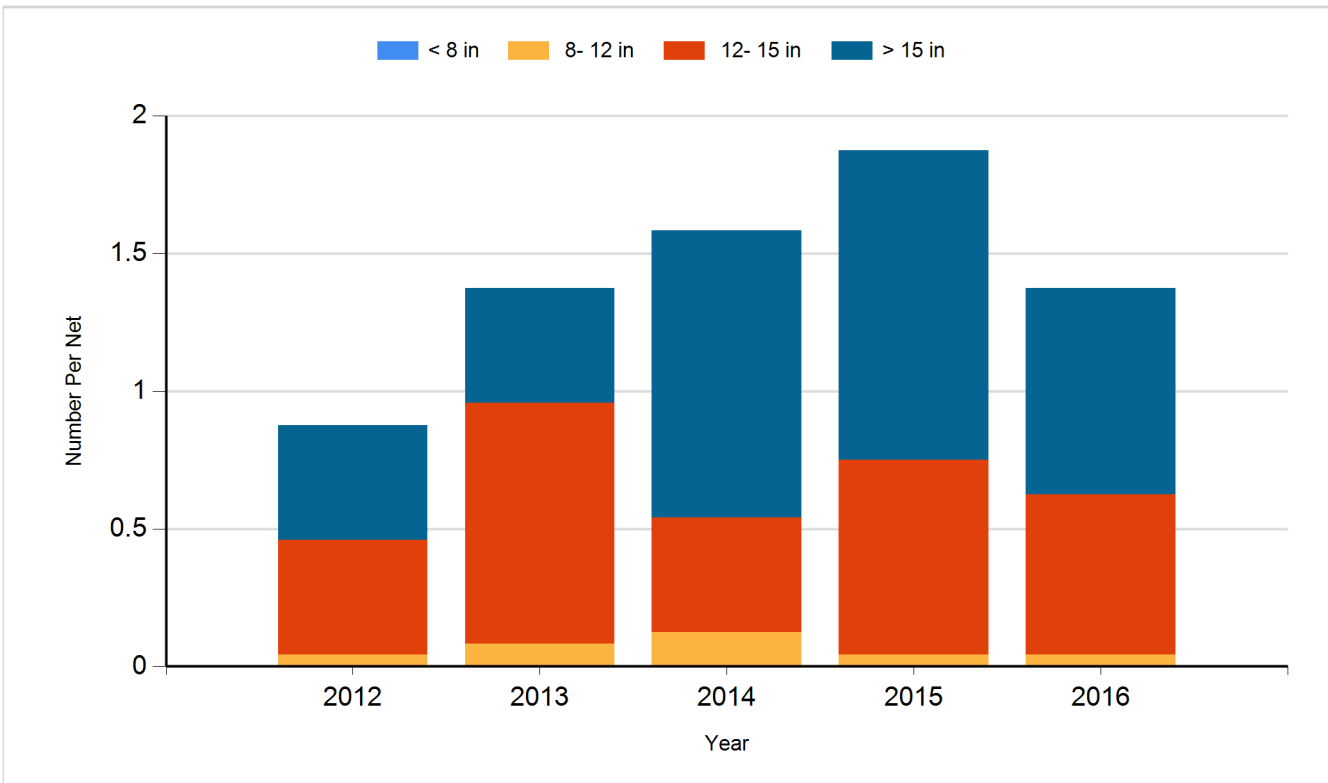
Species: Channel Catfish
Gear: std exp gill net



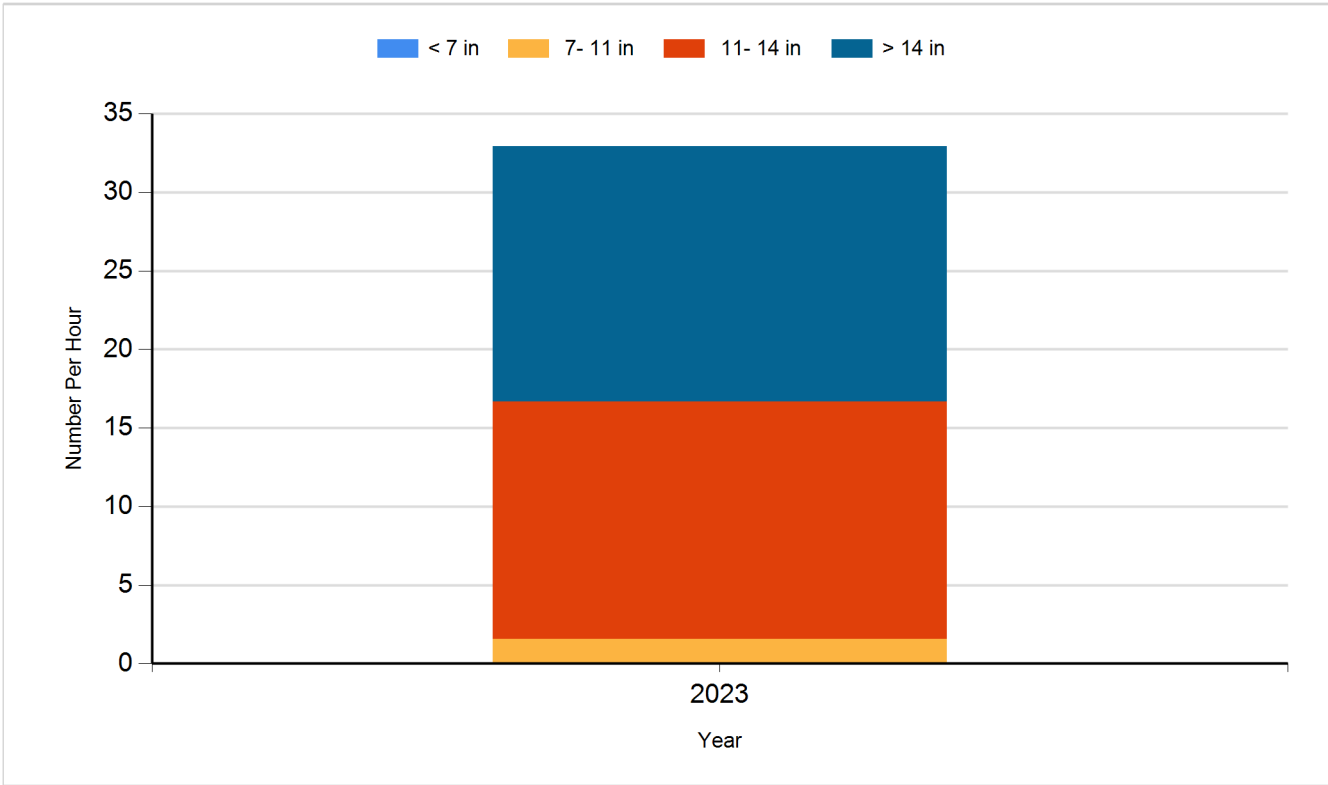
Species: Sauger
Gear: AFS std gill net



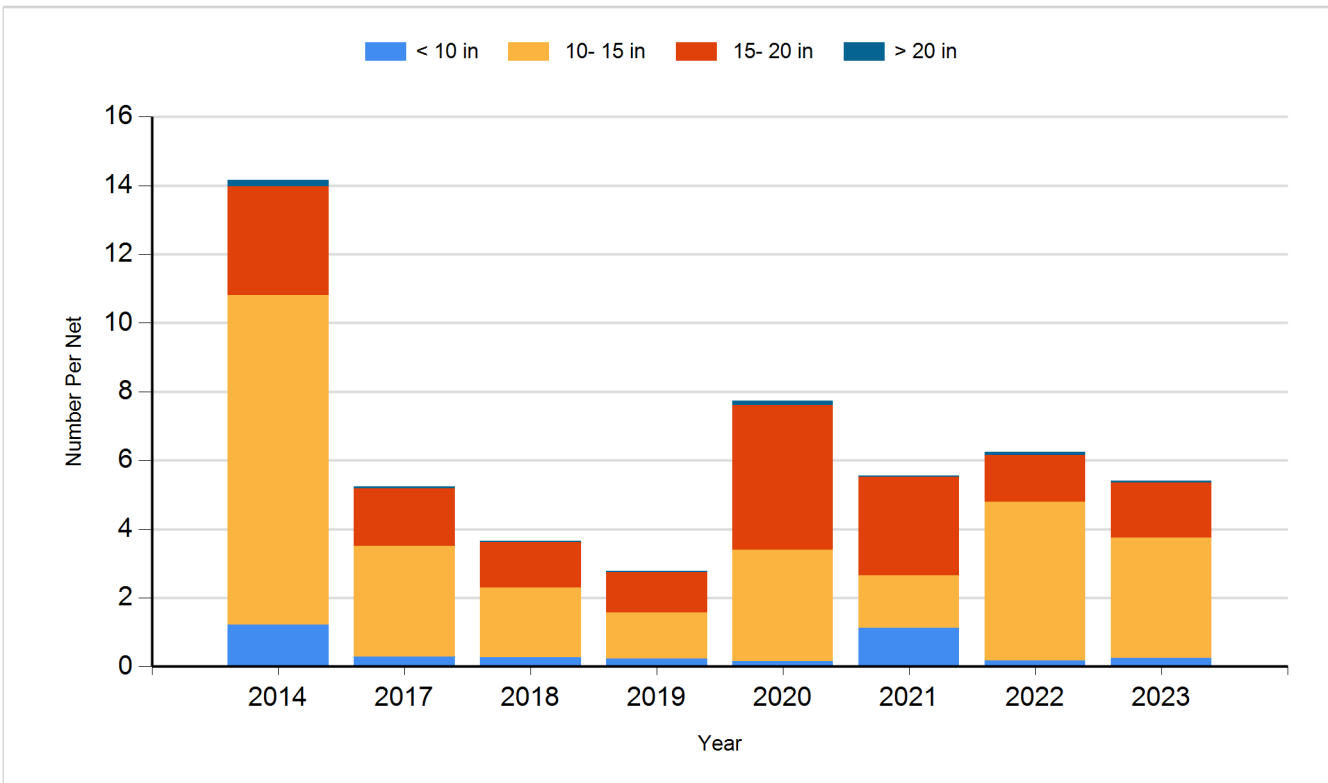
Species: Sauger
Gear: std exp gill net



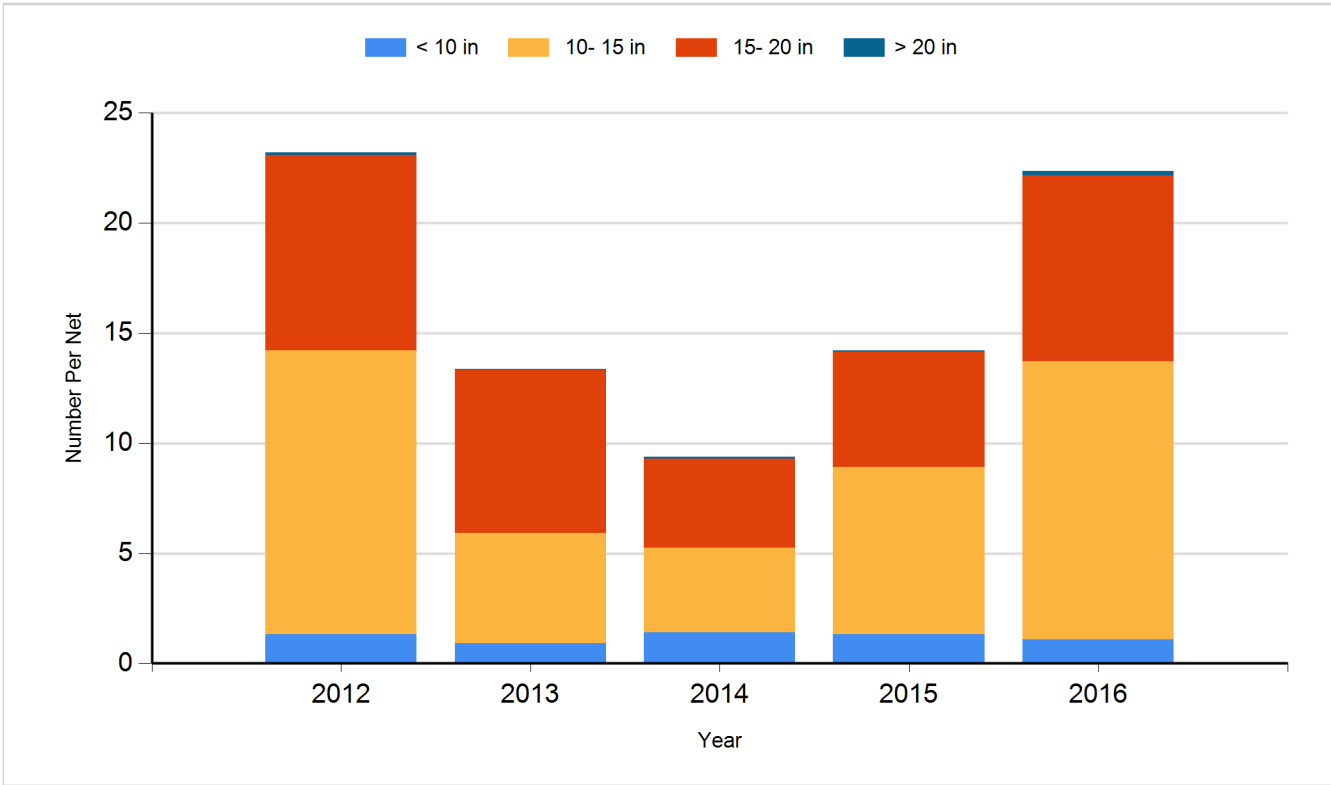
Species: Smallmouth Bass
Gear: spring day EF



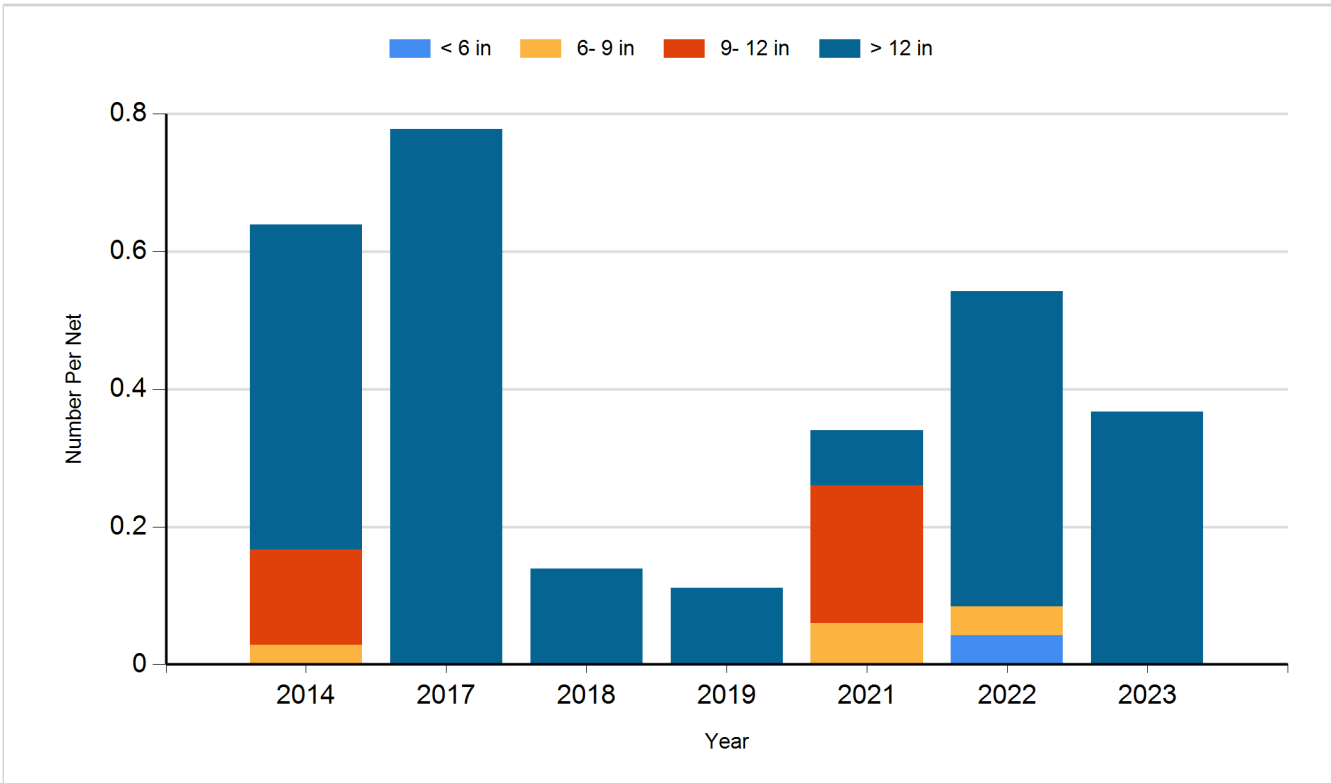
Species: Walleye
Gear: AFS std gill net



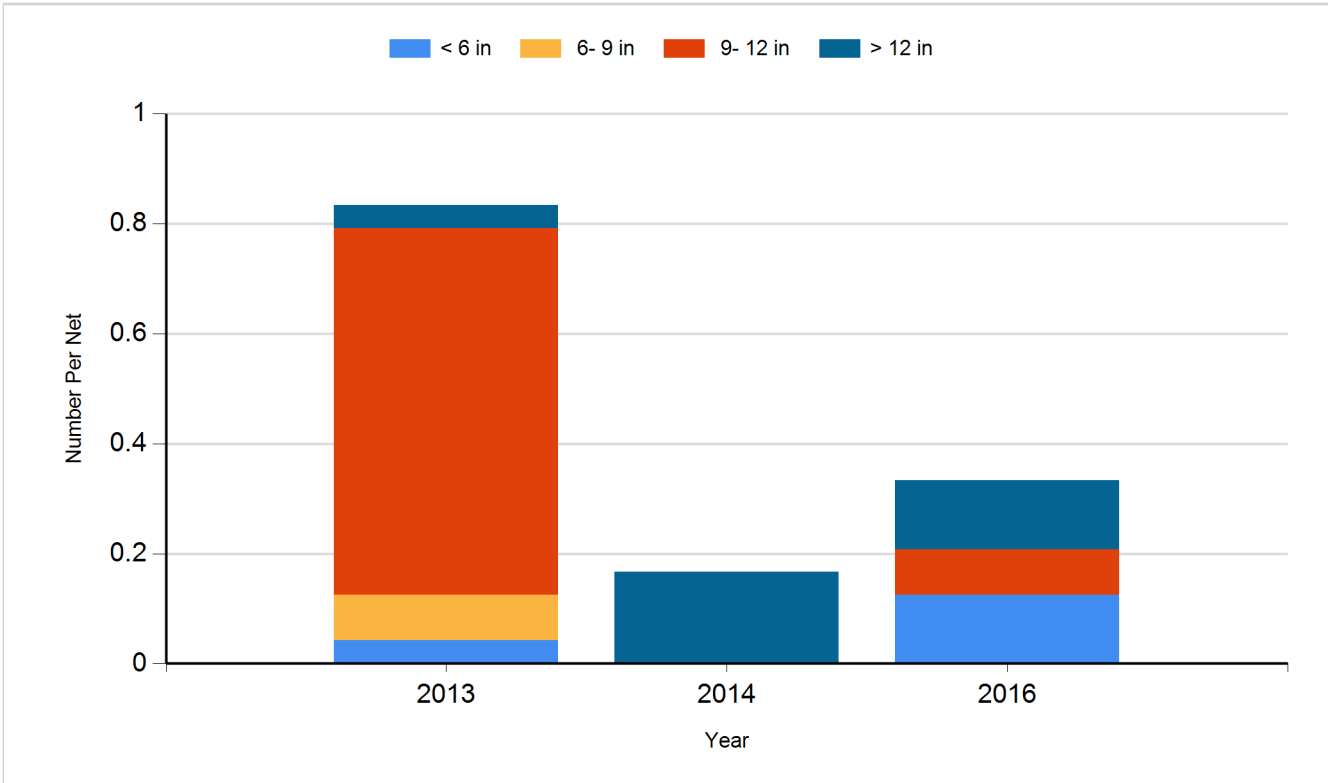
Species: Walleye
Gear: std exp gill net



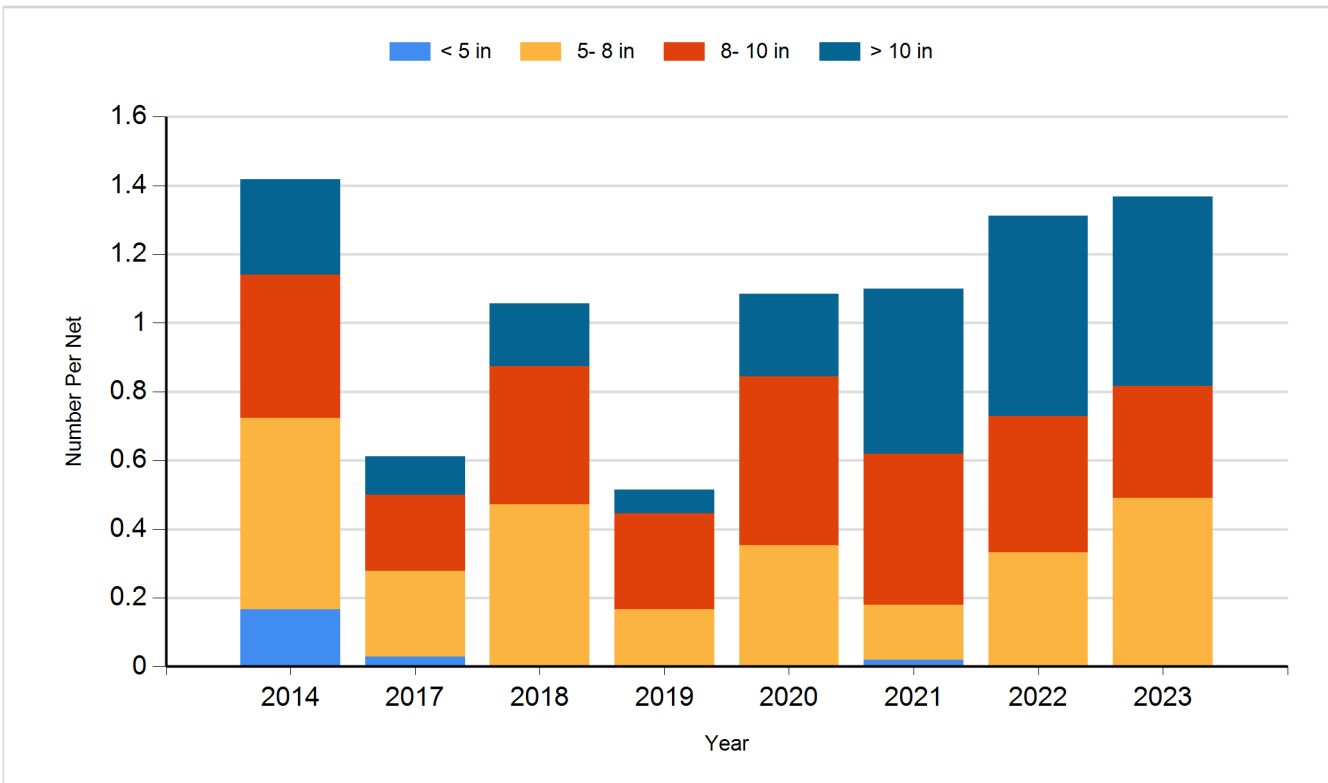
Species: White Bass
Gear: AFS std gill net



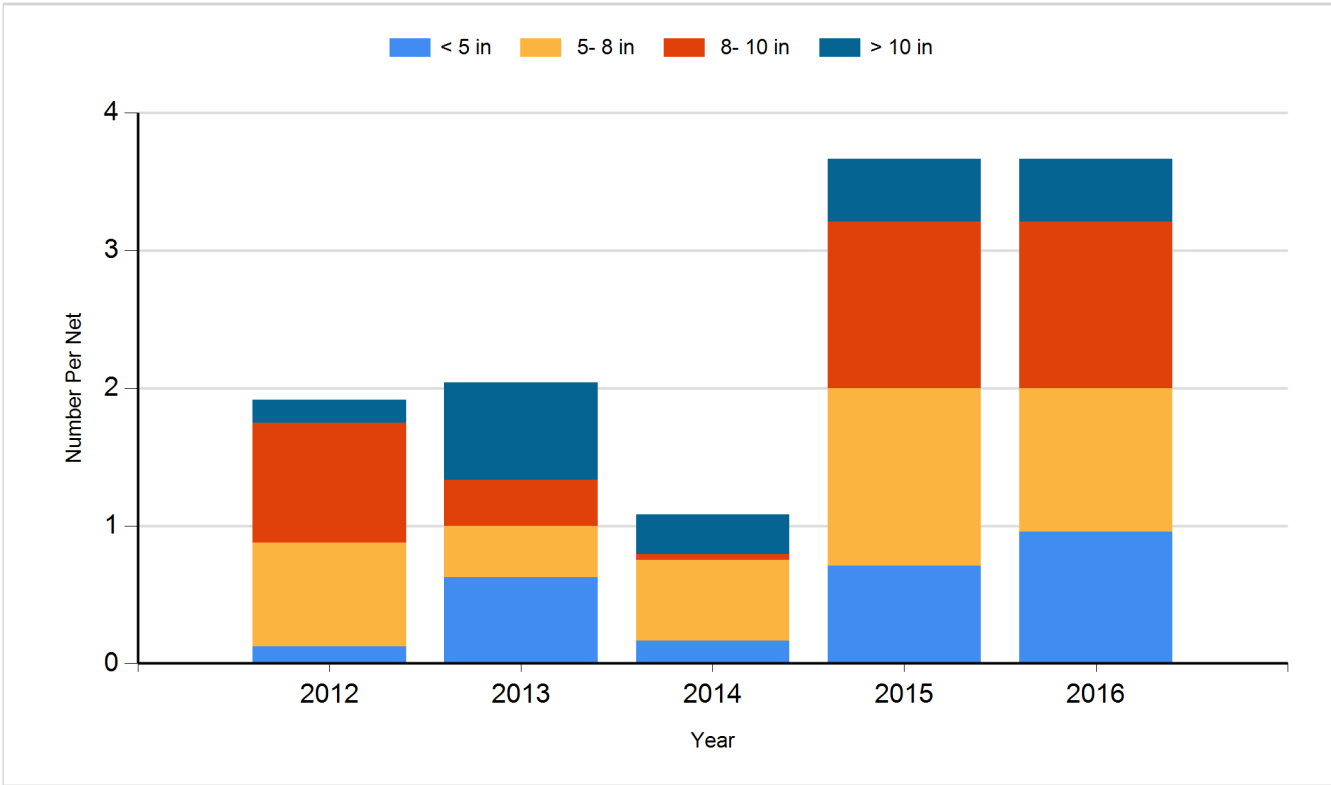
Species: White Bass
Gear: std exp gill net



Species: Yellow Perch
Gear: AFS std gill net



Species: Yellow Perch
Gear: std exp gill net



Fish Stocking

Number of fish stocked by year, species, and size.

Year	Species	Size	Number
2012	Rainbow Trout (McConaugRainbow Trout	Catchable 11"	10,000
2012	Rainbow Trout (Shasta)	Catchable 11"	10,000
2013	Rainbow Trout (Erwin x Arlee)	Catchable 11"	2,980
2013	Rainbow Trout (Shasta)	Catchable 11"	20,000
2014	Rainbow Trout (Shasta)	Catchable 11"	9,600
2015	Paddlefish	Adult	13
2015	Paddlefish	Large Fingerling	5,619
2015	Paddlefish	Small Fingerling	7,500
2015	Rainbow Trout (Ennis)	Catchable 11"	451
2015	Rainbow Trout (Shasta)	Catchable 11"	9,855
2016	Paddlefish	Adult	10
2016	Paddlefish	Fry	50,372
2016	Rainbow Trout (Shasta)	Catchable 11"	7,496
2017	Paddlefish	Large Fingerling	10,000
2017	Rainbow Trout (Shasta)	Catchable	5,438
2017	Rainbow Trout (Shasta)	Catchable 15"	2,720
2018	Paddlefish	Large Fingerling	5,178
2018	Rainbow Trout (Shasta)	Catchable	1,200
2019	Paddlefish	Large Fingerling	10,066
2020	Paddlefish	Large Fingerling	18,210
2021	Paddlefish	Juvenile	12,954
2022	Paddlefish	Juvenile	33,880
2023	Paddlefish	Juvenile	11,286