SOUTH DAKOTA STATEWIDE FISHERIES SURVEY
Sharpe, Hughes County
FTR-Lake-6327-001
2024

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	Oct 02, 2024	9 net-nights
AFS std gill net	Oct 03, 2024	8 net-nights
AFS std gill net	Sep 19, 2024	9 net-nights
AFS std gill net	Sep 25, 2024	16 net-nights
AFS std gill net	Sep 27, 2024	8 net-nights
spring day EF	Jun 03, 2024	9600 seconds
spring day EF	Jun 06, 2024	9960 seconds
spring day EF	Jun 07, 2024	13620 seconds
spring day EF	Jun 11, 2024	9180 seconds
spring day EF	Jun 12, 2024	6180 seconds
spring day EF	May 02, 2024	3000 seconds
spring day EF	May 08, 2024	8640 seconds
spring day EF	May 09, 2024	12600 seconds
spring day EF	May 13, 2024	8220 seconds
spring day EF	May 14, 2024	7560 seconds
spring day EF	May 15, 2024	7740 seconds
spring day EF	May 16, 2024	12840 seconds
spring day EF	May 20, 2024	3540 seconds
spring day EF	May 22, 2024	18600 seconds
spring day EF	May 23, 2024	20040 seconds
spring day EF	May 28, 2024	20820 seconds
spring day EF	May 30, 2024	7920 seconds
spring day EF	May 31, 2024	9094 seconds

Common Fish Species Present

Smallmouth Bass

Walleye

Channel Catfish

Yellow Perch

Sauger

White Bass

Shorthead Redhorse

Common Carp

River Carpsucker

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.
- s**td 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.

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

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.

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

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

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.

$$Wr = \left(\frac{W}{Ws}\right) \text{x } 100$$

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).

	Stock		Quality		Preferred		Memorable		Trophy	
Species Name	(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**

			Abundance		Stock Density Indices				Condition	
Gear	Species	Sample Size (n)	CPUE	CI-80	PSD	CI-80	PSD-P	CI-80	Wr	CI-80
AFS std gill net	Bigmouth Buffalo	1	0.0	0.0	100		100		84	
	Channel Catfish	87	1.7	0.3	64	7	19	6	90	1
	Common Carp	24	0.5	0.1	100		92		100	3
	Flathead Catfish	0	0.0	0.0	0		0			
	Freshwater Drum	13	0.3	0.1	100		92		94	5
	Gizzard Shad	8	0.2	0.1	100				102	4
	Goldeye	4	0.0	0.0						
	Northern Pike	3	0.1	0.0	67		0		87	2
	River Carpsucker	19	0.4	0.1	95		95		101	3
	Sauger	39	0.8	0.2	97		31	11	73	1
	Shorthead Redhorse	30	0.6	0.2	97		87		106	2
	Smallmouth Bass	86	1.7	0.6	81	6	45	8	106	1
	Smallmouth Buffalo	4	0.1	0.1	100		50		90	1
	Walleye	316	6.1	0.7	33	4	1		81	1
	White Bass	43	0.8	0.5	100		93		100	2
	Yellow Perch	70	1.4	0.4	87	6	36	8	90	1
spring day EF*	Smallmouth Bass	1981	36.6	5.0	92	1	61	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**

		CPUE									
Gear	Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Avg
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	0.00
	Bigmouth Buffalo			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	0.00
	Black Crappie			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Channel Catfish			4.9	4.2	2.7	4.3	4.6	2.2	2.6	1.7	3.40
	Chinook Salmon			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Common Carp			0.9	0.6	0.8	0.8	1.2	0.8	0.3	0.5	0.74
	Flathead Catfish			0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.03
	Freshwater Drum			0.6	0.4	0.5	0.6	0.5	0.1	0.3	0.3	0.41
	Gizzard Shad			0.3	0.3	0.5	0.3	0.4	0.8	0.3	0.2	0.39
	Goldeye			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	0.1	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	0.1	0.01
	Rainbow Trout			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	0.00
	River Carpsucker			0.2	0.0	0.1	0.4	0.5	0.3	0.4	0.4	0.29
	Sauger			0.4	0.1	0.2	0.1	0.4	0.9	0.5	0.8	0.43

		CPUE										
Gear	Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	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			0.1	0.2	0.3	0.4	0.3	0.4	0.4	0.6	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			0.8	1.0	0.9	0.7	2.3	2.3	1.9	1.7	1.45
	Smallmouth Buffalo			0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.06
	Spottail Shiner			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Walleye			5.0	3.4	2.6	7.6	4.4	6.1	5.2	6.1	5.05
	White Bass			0.8	0.1	0.1	0.1	0.3	0.5	0.4	0.8	0.39
	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			0.6	1.1	0.5	1.1	1.1	1.3	1.4	1.4	1.06
large seine*	Walleye	5.1	5.8	3.1	2.7	1.0						3.54
spring day EF*	Smallmouth Bass									33.2	36.6	34.90
std exp gill net	Bigmouth Buffalo	0.0	0.2									0.10
	Black Bullhead	0.0	0.0									0.00
	Black Crappie	0.1	0.1									0.10
	Burbot	0.0	0.0									0.00
	Channel Catfish	4.0	4.8									4.40
	Chinook Salmon	0.0	0.0									0.00
	Common Carp	2.0	1.5									1.75
	Freshwater Drum	0.4	0.5									0.45
	Gizzard Shad	0.6	3.6									2.10
	Goldeye	0.0	0.0									0.00
	Lake Herring	0.6	0.0									0.30
	Largemouth Bass	0.0	0.0									0.00
	Northern Pike	0.0	0.0									0.00
	Rainbow Trout	0.0	0.0									0.00
	River Carpsucker	2.7	0.3									1.50
	Sauger	1.9	1.4									1.65
	Shorthead Redhorse	1.5	0.3									0.90
	Shortnose Gar	0.0	0.0									0.00
	Shovelnose Sturgeon	0.0	0.0									0.00
	Smallmouth Bass	0.7	1.6									1.15
	Smallmouth Buffalo	0.0	0.0									0.00
	Spottail Shiner	0.0	0.0									0.00
	Walleye	12.9	21.3									17.10

		CPUE										
Gear	Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Avg
std exp gill net	White Bass	0.0	0.2									0.10
	White Crappie	0.0	0.8									0.40
	White Sucker	0.0	0.0									0.00
	Yellow Perch	3.0	2.7									2.85

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.

			Year									
Gear	Species	Index	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
AFS std gill net	Channel Catfish	PSD			68	68	67	78	84	79	84	64
		PSD-P			18	21	16	18	17	22	17	19
		Wr			85	90	91	88	88	86	93	90
	Common Carp	PSD			97	100	100	98	100	94	94	100
		PSD-P			24	34	27	27	48	81	75	92
		Wr			80	85	83	85	90	99	102	100
	River Carpsucker	PSD			94	100	100	100	92	100	100	95
		PSD-P			50	100	100	96	85	81	100	95
		Wr			98	92	100	104	99	104	106	101
	Sauger	PSD			93	100	92	100	50	100	92	97
		PSD-P			26	38	33	20	33	32	27	31
		Wr			72	70	65	80	73	72	72	73
	Shorthead Redhorse	PSD			100	94	85	100	79	100	100	97
		PSD-P			100	81	70	56	50	100	100	87
		Wr			102	98	108	100	100	105	101	106
	Smallmouth Bass	PSD			70	90	87	88	82	81	83	81
		PSD-P			32	49	61	31	40	47	54	45
		Wr			99	100	93	103	104	101	106	106
	Walleye	PSD			35	40	47	57	65	24	32	33
		PSD-P			1	1	1	2	1	2	1	1
		Wr			77	80	78	89	81	80	83	81
	White Bass	PSD			100	100	100	100	82	92	100	100
		PSD-P			100	100	100	100	24	92	100	93
		Wr			93	100	92	98	122	97	103	100
	Yellow Perch	PSD			57	55	68	68	85	75	64	87
		PSD-P			19	17	14	22	44	44	40	36
		Wr			87	86	98	93	87	86	88	90
spring day EF	Smallmouth Bass	PSD									95	92
		PSD-P									49	61
std exp gill net	Channel Catfish	PSD	68	44								
		PSD-P	13	9								
		Wr	89	85								

			Year									
Gear	Species	Index	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
std exp gill net	Common Carp	PSD	100	89								
		PSD-P	31	26								
		Wr	82	87								
	River Carpsucker	PSD	100	100								
		PSD-P	89	100								
		Wr	93	98								
	Sauger	PSD	98	97								
		PSD-P	60	55								
		Wr	76	74								
	Shorthead Redhorse	PSD	100	100								
		PSD-P	100	63								
		Wr	100	185								
	Smallmouth Bass	PSD	71	71								
		PSD-P	35	47								
		Wr	100	101								
	Walleye	PSD	41	41								
		PSD-P	0	1								
		Wr	79	82								
	White Bass	PSD	100	100								
		PSD-P	100	60								
		Wr	93	94								
	Yellow Perch	PSD	56	62								
		PSD-P	15	17								
		Wr	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+
2024	38	289 (1)	330 (5)	389 (3)	372 (29)		405 (1)				
2023	25	273 (2)	325 (1)	371 (17)	383 (3)	434 (2)					
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)

Species: Walleye

		Mean Length (expanded sample number) at capture by age									
Year	N	1	2	3	4	5	6	7	8	9	10+
2024	314	275 (64)	330 (87)	375 (56)	384 (79)	410 (6)	424 (7)	430 (6)	539 (1)	472 (3)	476 (4)
2023	260	286 (48)	336 (81)	372 (100)	402 (10)	442 (9)	453 (2)	478 (4)		453 (6)	470 (1)
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)	

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).

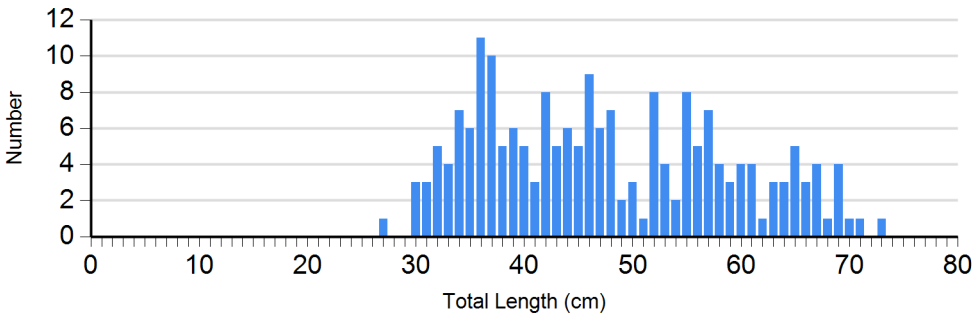
		Length Groups							
		S-Q		Q-P		P-M		M	
Species	Year	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Channel Catfish Gill Net	2020	68	90 (0.8)	181	87 (0.7)	49	91 (1.8)	5	86 (6.6)
	2021	37	102 (11.7)	155	85 (0.8)	37	84 (1.9)	1	100
	2022	23	90 (2.3)	60	86 (0.9)	23	82 (1.5)	1	81
	2023	20	95 (2.4)	84	94 (1.0)	18	90 (5.4)	3	86 (4.3)
	2024	31	91 (1.6)	39	91 (1.5)	11	86 (2.7)	5	86 (4.3)
Common Carp Gill Net	2020	1	72	43	87 (1.0)	16	81 (1.5)	0	
	2021	0		30	90 (1.8)	28	90 (1.8)	0	
	2022	2	92 (1.8)	5	90 (3.5)	25	101 (2.2)	4	105 (8.4)
	2023	1	108	3	65 (12.1)	11	111 (8.2)	1	111
	2024	0		2	88 (2.5)	17	100 (2.4)	5	103 (4.4)
Sauger Gill Net	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	
	2024	1	84	26	73 (1.1)	12	71 (1.3)	0	
Walleye Gill Net	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	
	2024	205	82 (0.4)	99	79 (0.6)	3	67 (3.4)	0	
White Bass Gill Net	2020	0		0		1	104	6	97 (2.5)
	2021	3	224 (116.9)	10	100 (1.6)	0		4	96 (4.7)

		Length Groups							
		S-Q		Q-P		P-M		M	
Species	Year	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
White Bass Gill Net	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)
	2024	0		3	102 (6.3)	14	102 (1.9)	24	98 (1.7)
Yellow Perch Gill Net	2020	25	97 (2.2)	35	91 (1.1)	17	92 (1.7)	0	
	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)
	2024	9	89 (2.2)	36	89 (1.7)	24	91 (1.6)	1	95

Length Frequency Distribution

Length frequency histogram of species sampled by year.

Species: Channel Catfish
Gear: AFS std gill net



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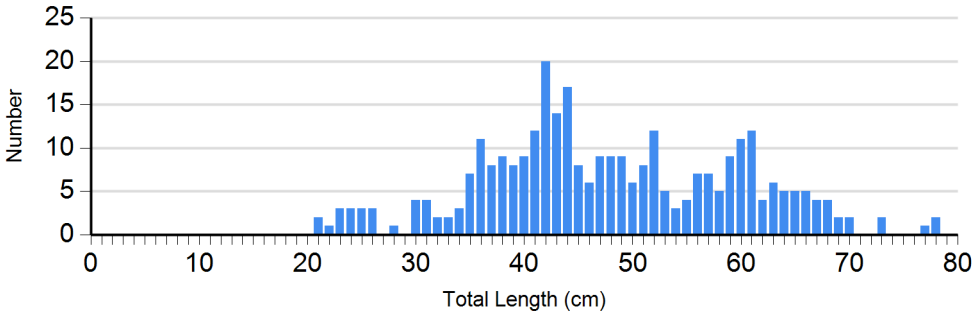

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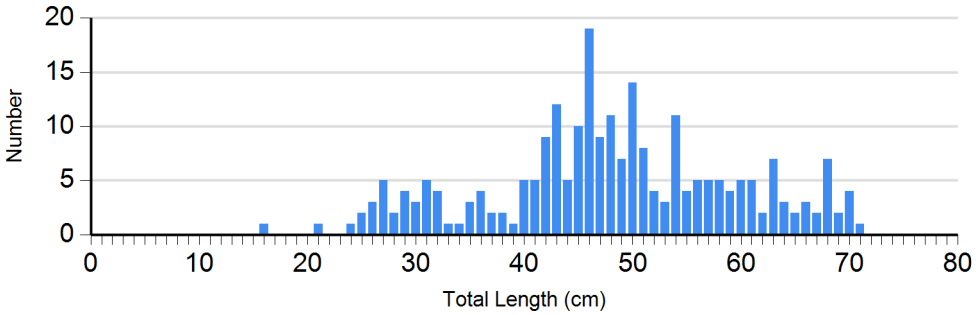

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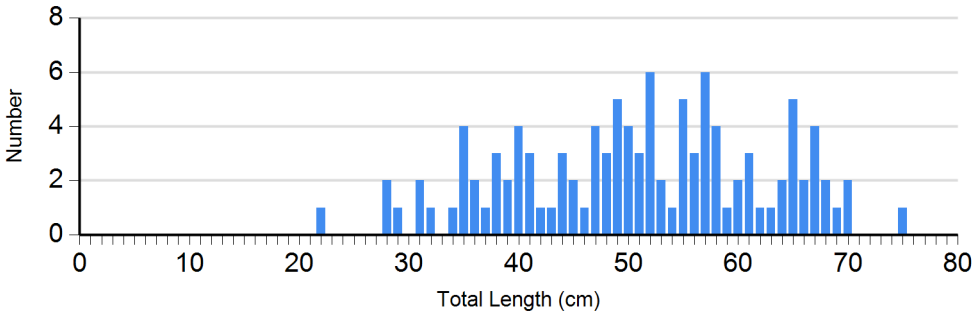

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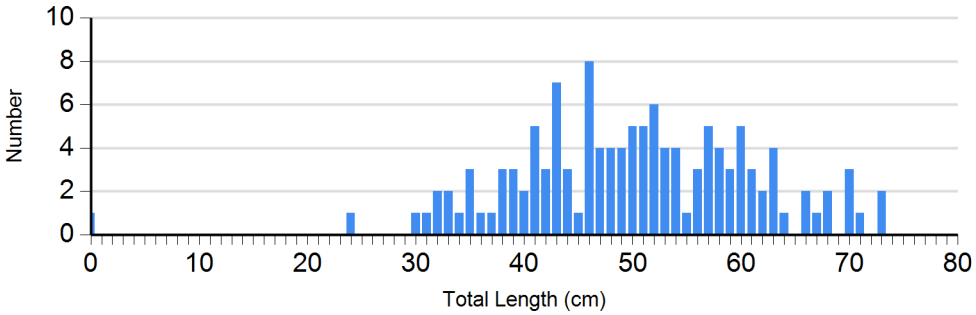

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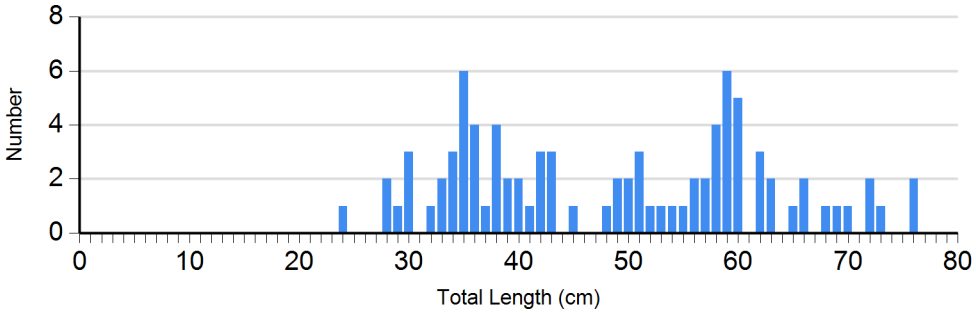
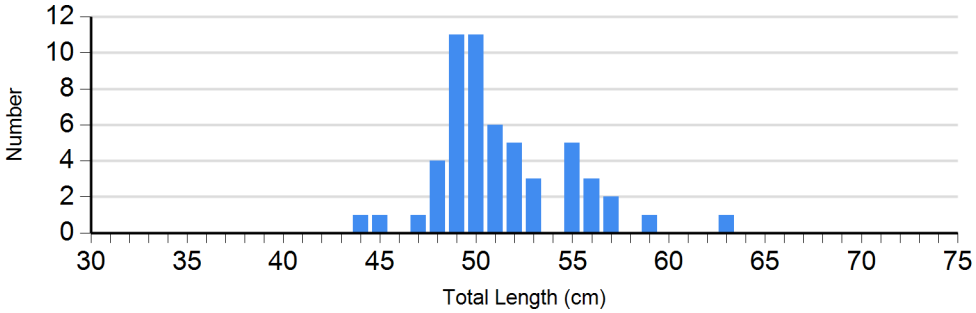


2024

Species: Common Carp
Gear: AFS std gill net



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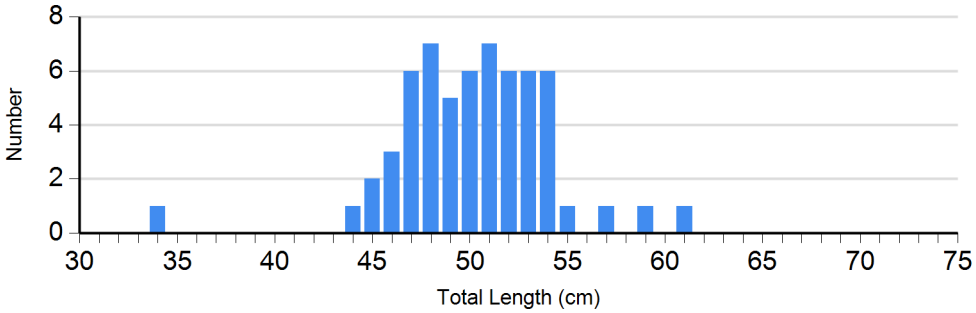

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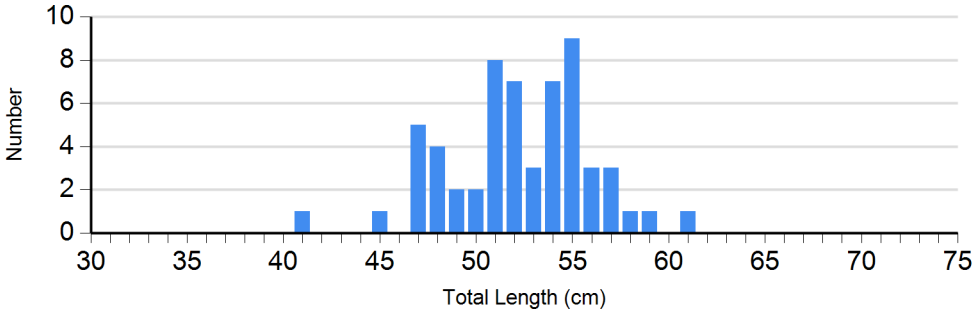

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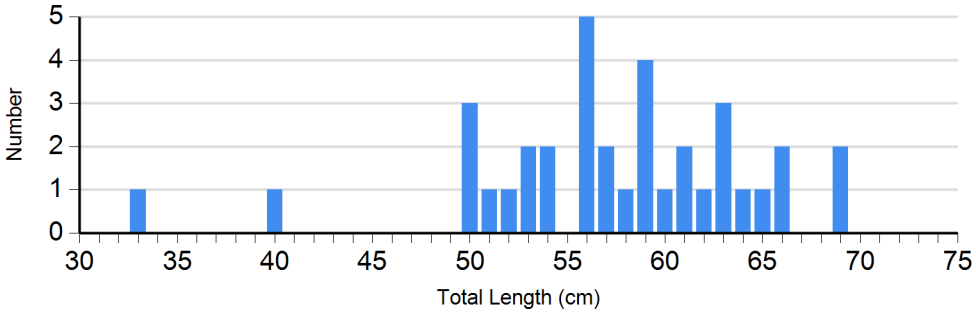

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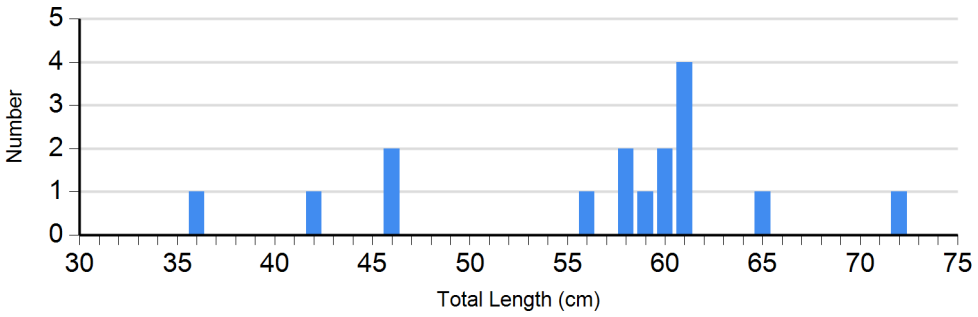

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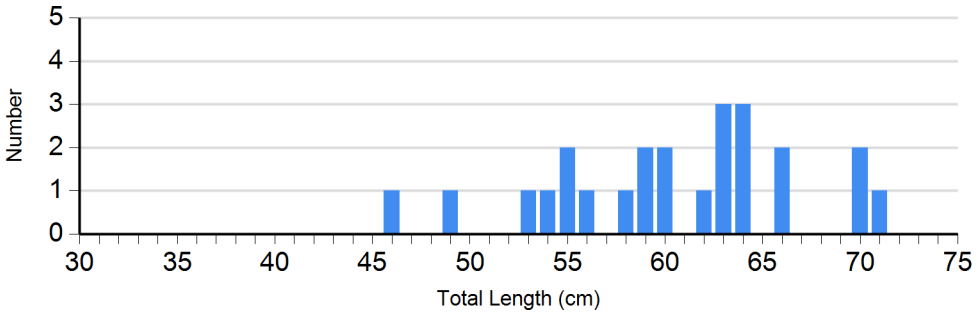
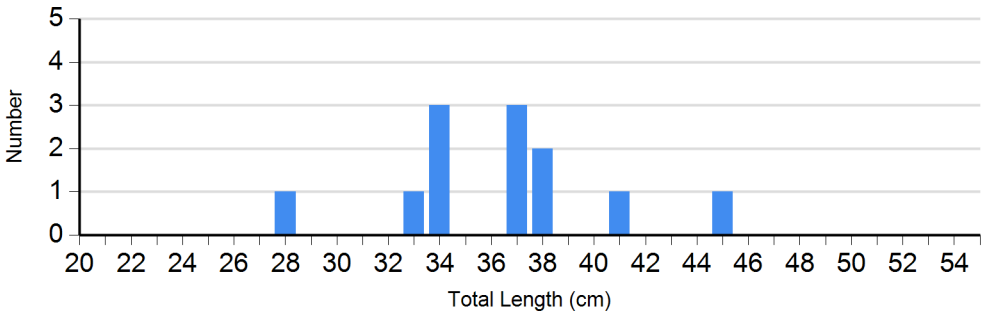


2024

Species: Sauger
Gear: AFS std gill net



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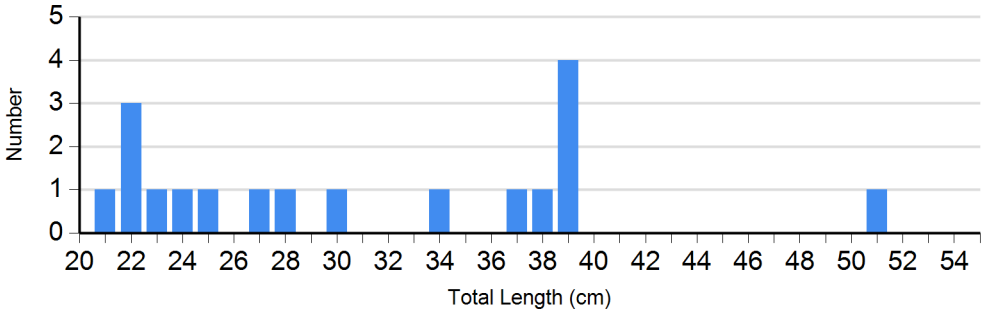

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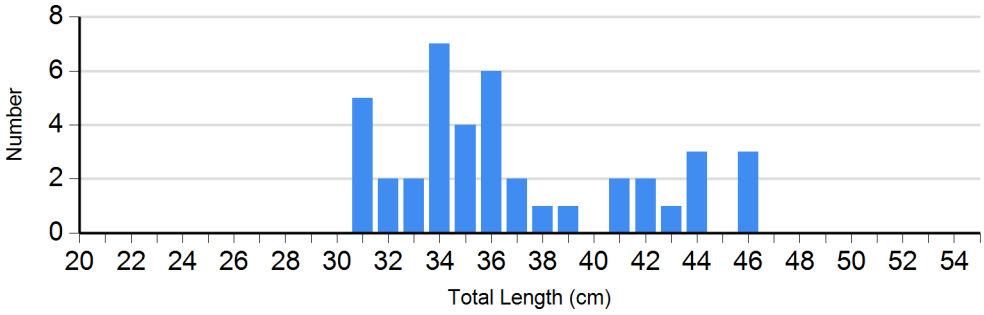

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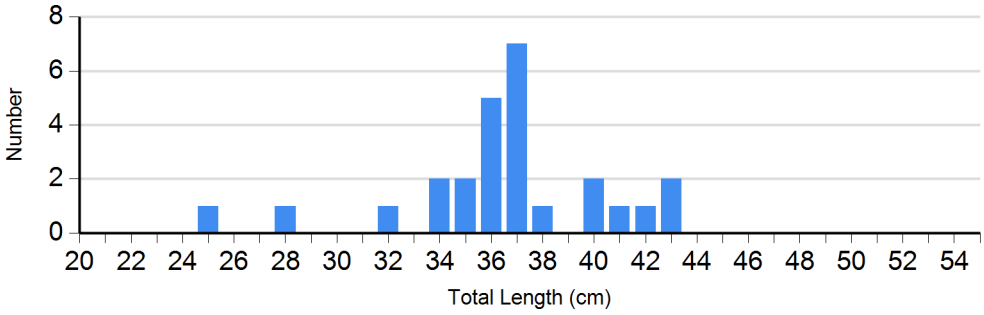

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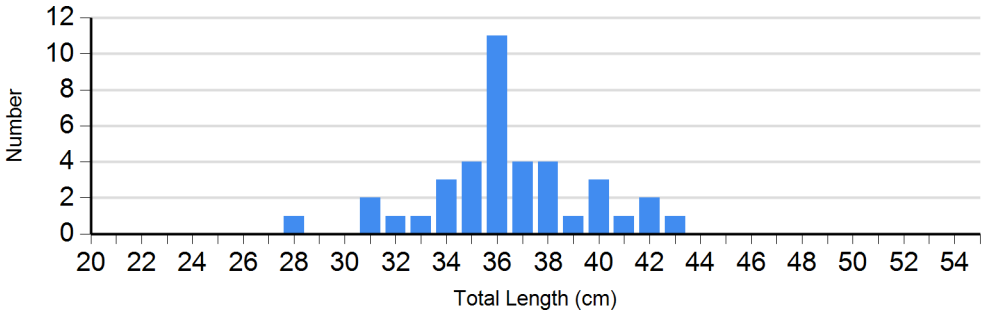
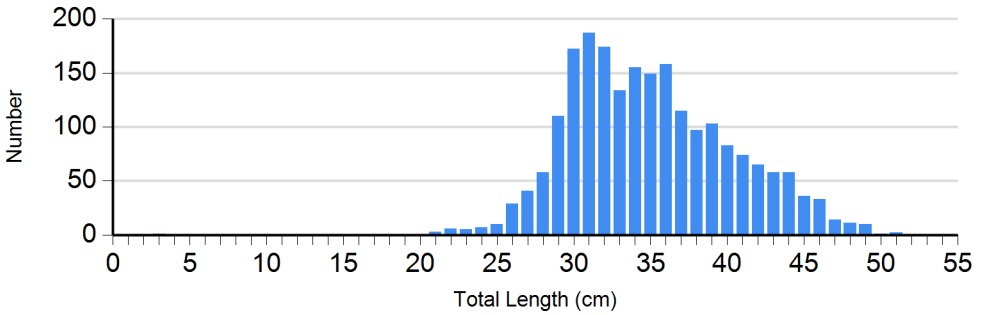


2024

Species: Smallmouth Bass
Gear: spring day EF



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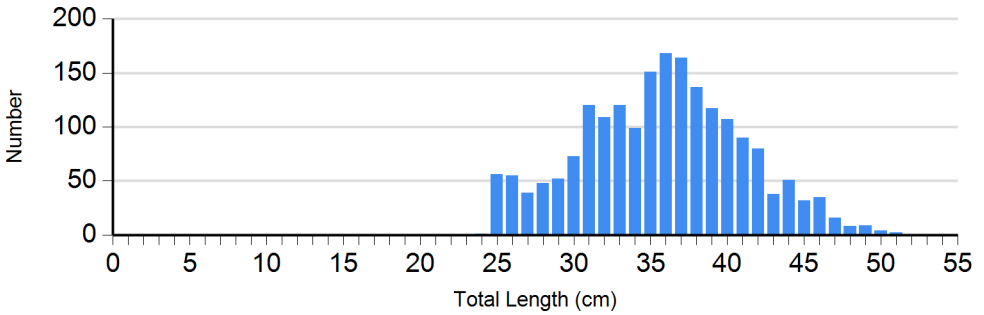
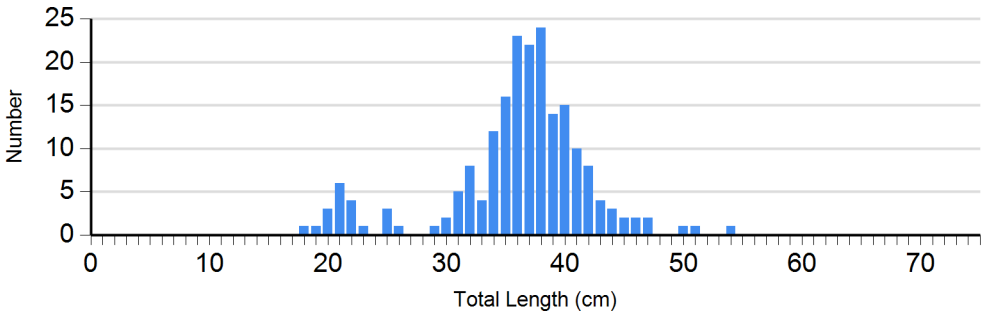


2024

Species: Walleye
Gear: AFS std gill net



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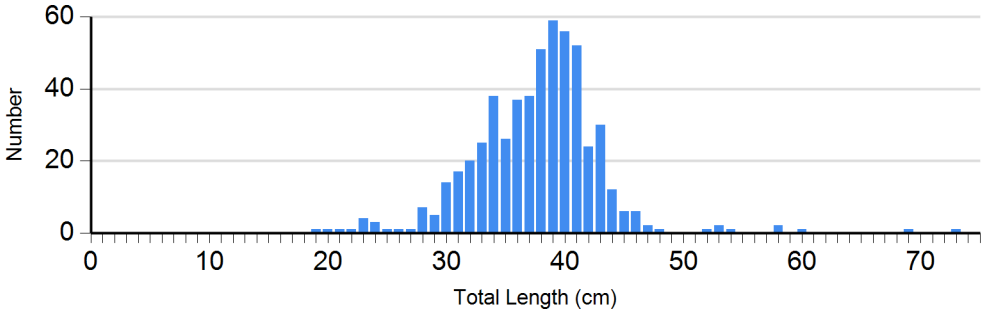

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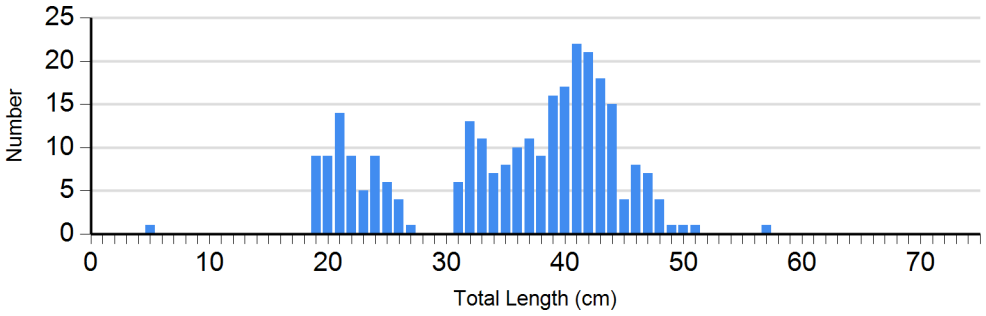

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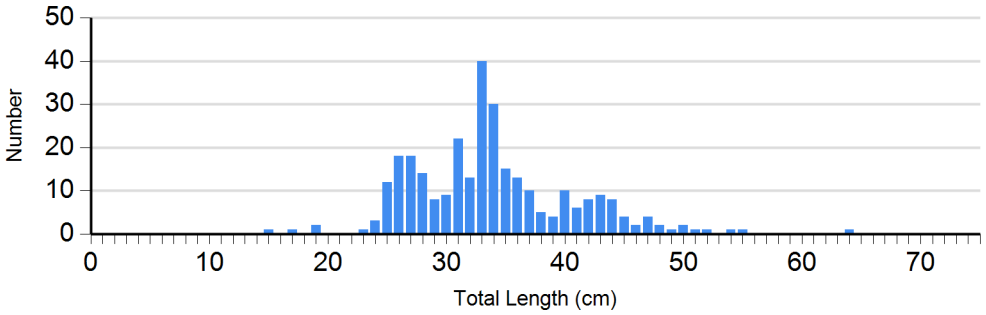

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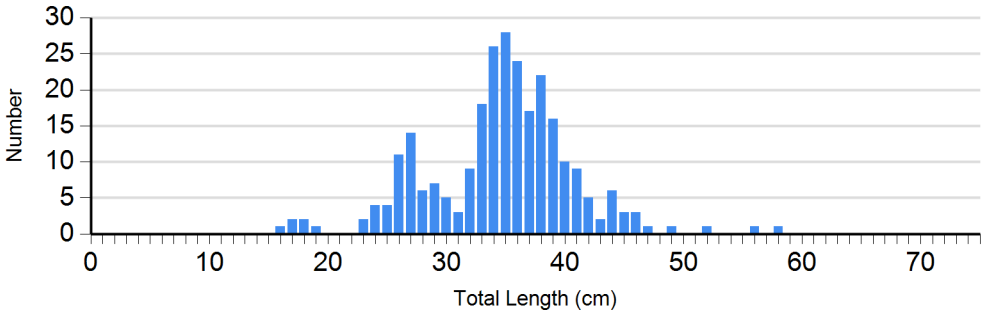

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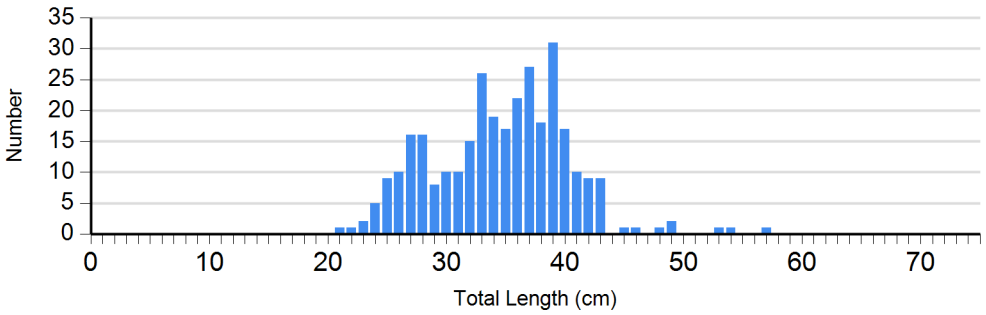
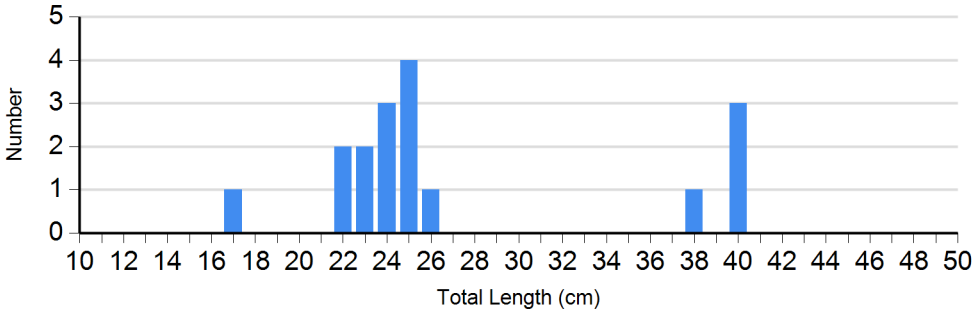


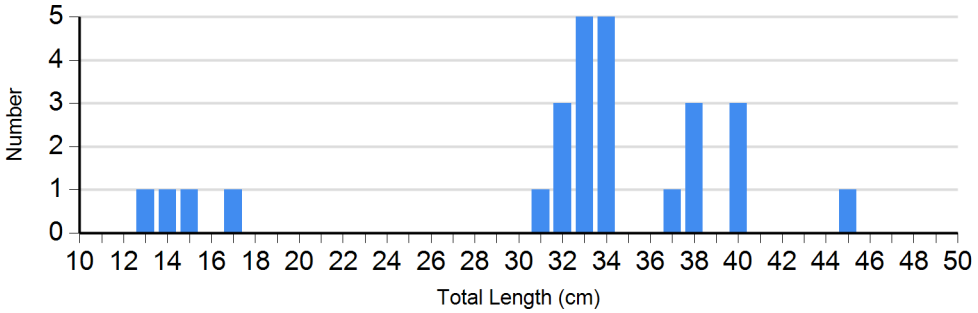
2024

Species: White Bass
Gear: AFS std gill net

2021



2022



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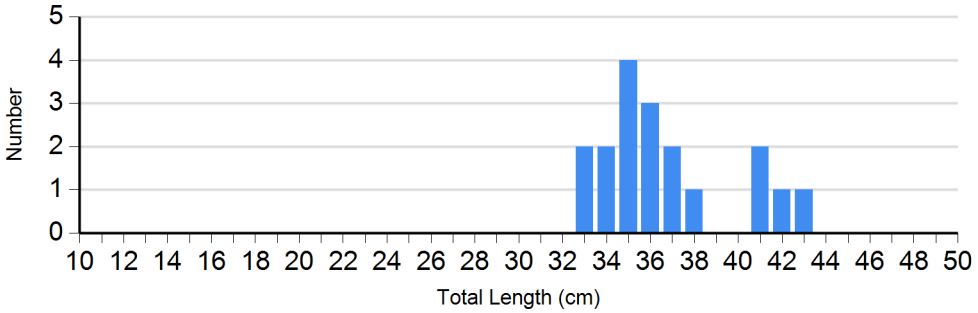

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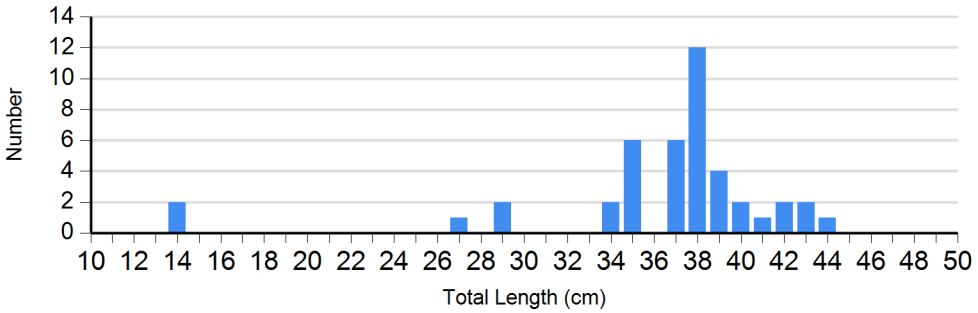
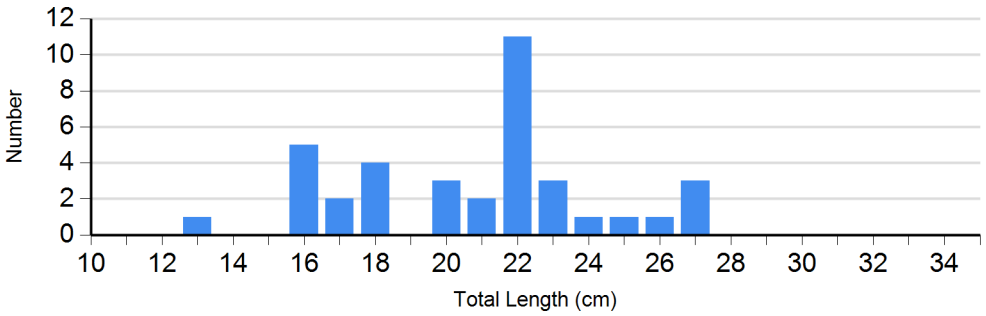
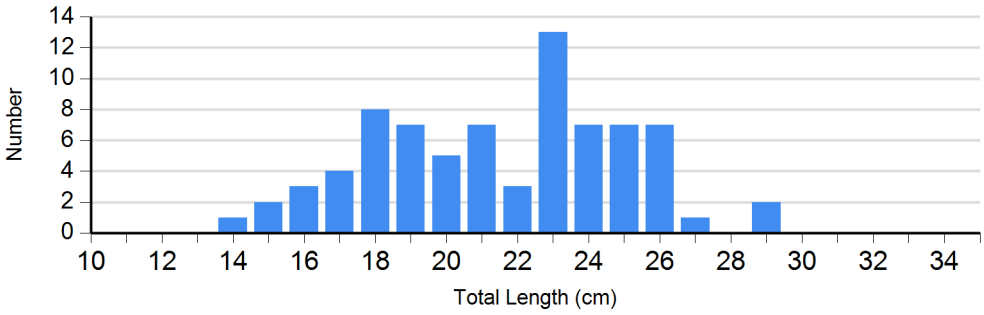


Species: Yellow Perch
Gear: AFS std gill net

2019





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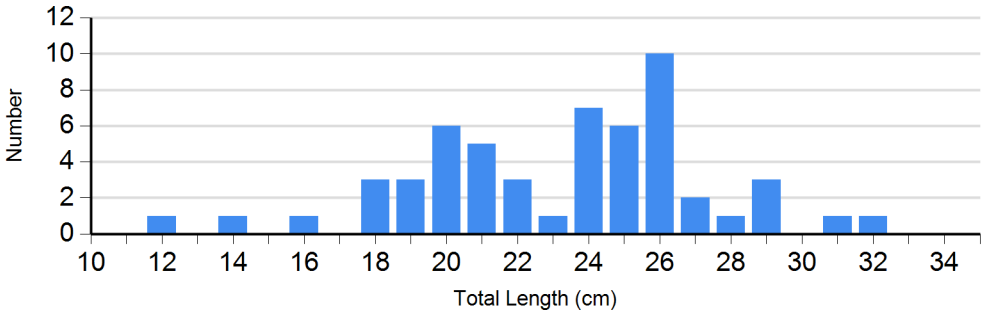

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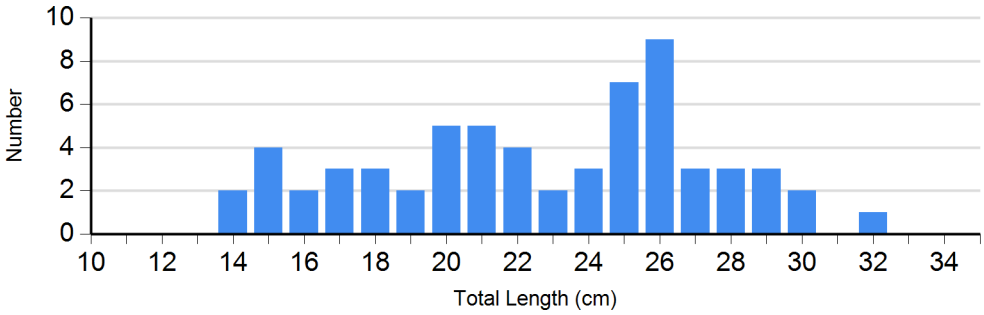

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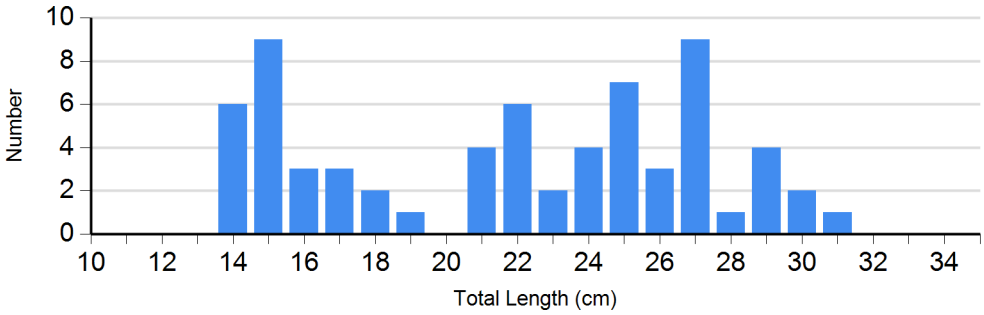

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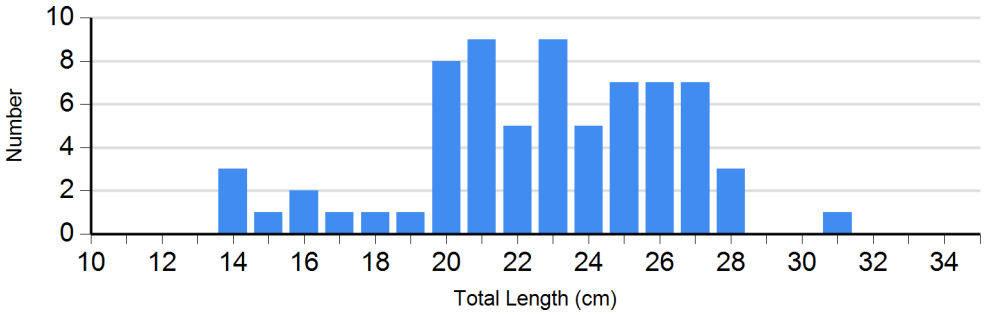
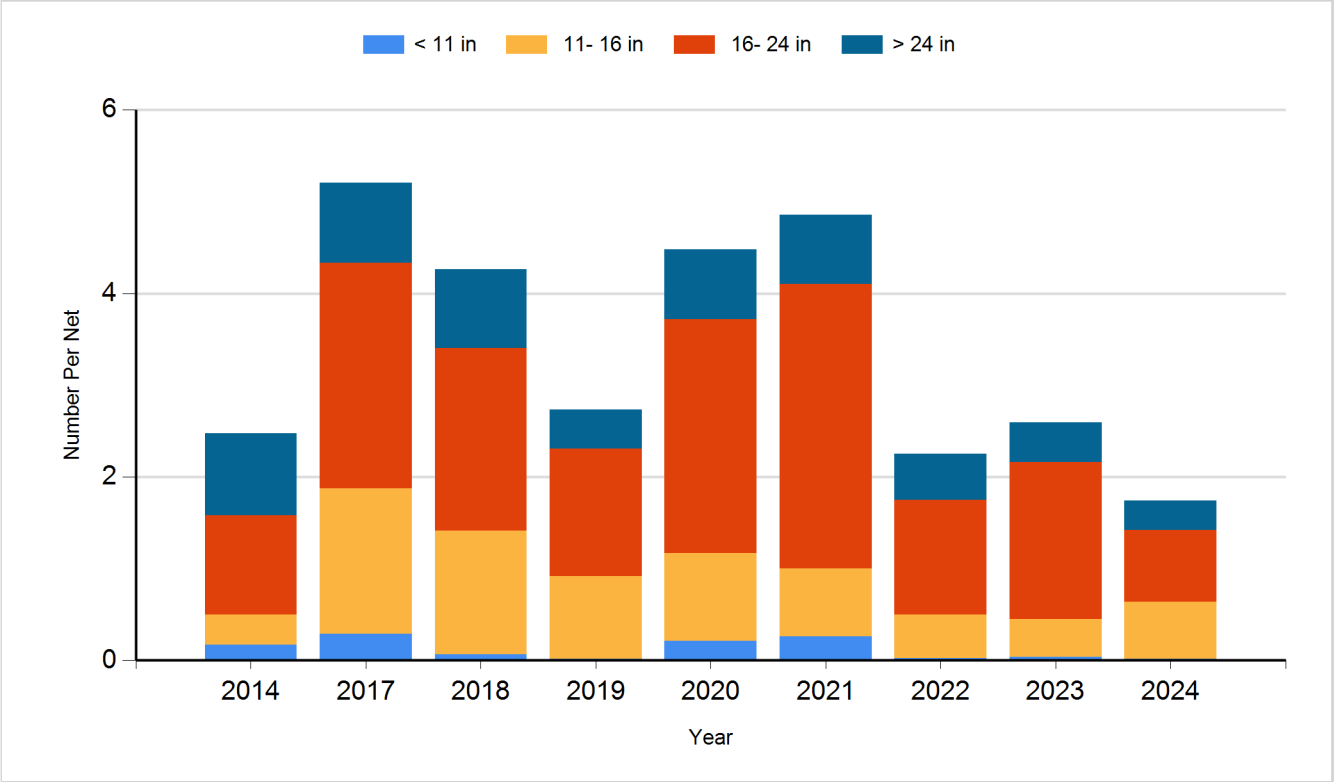


2024

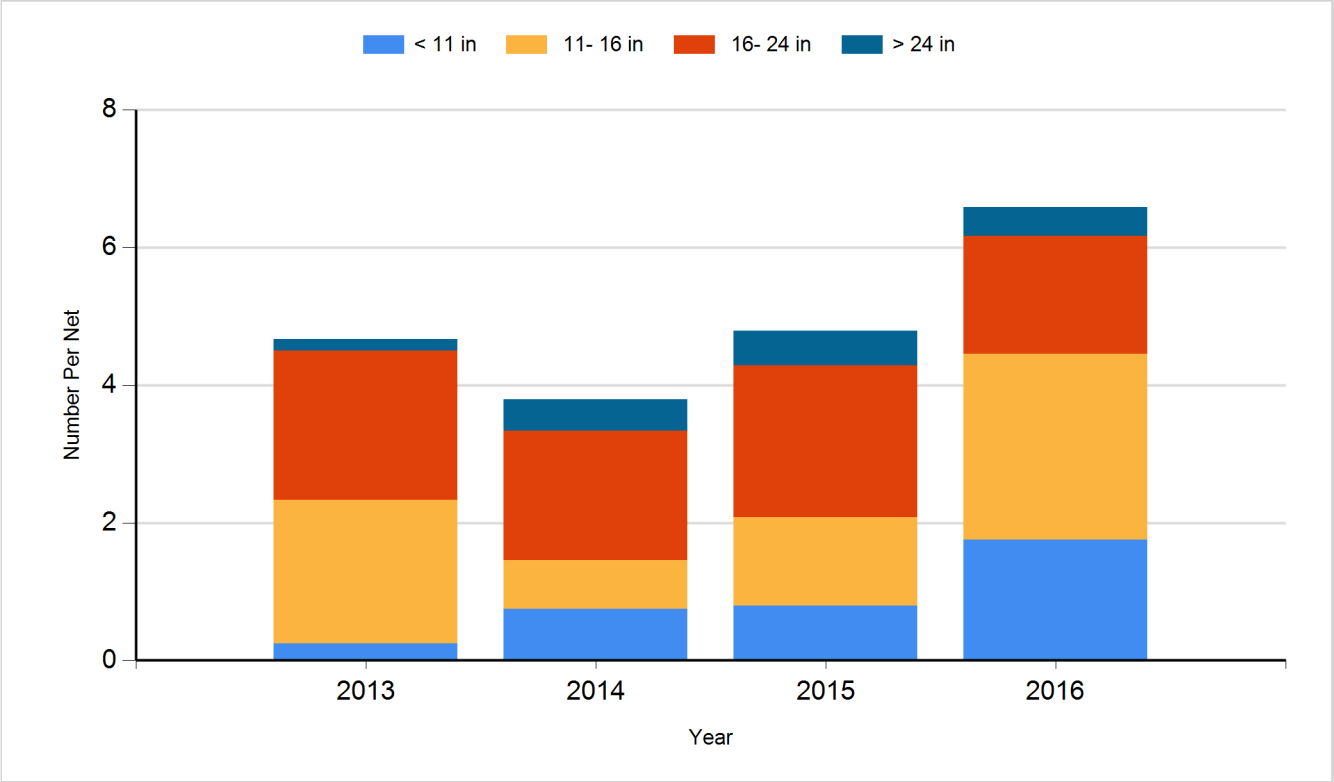
Historic Fish Sizes and Relative Abundance

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

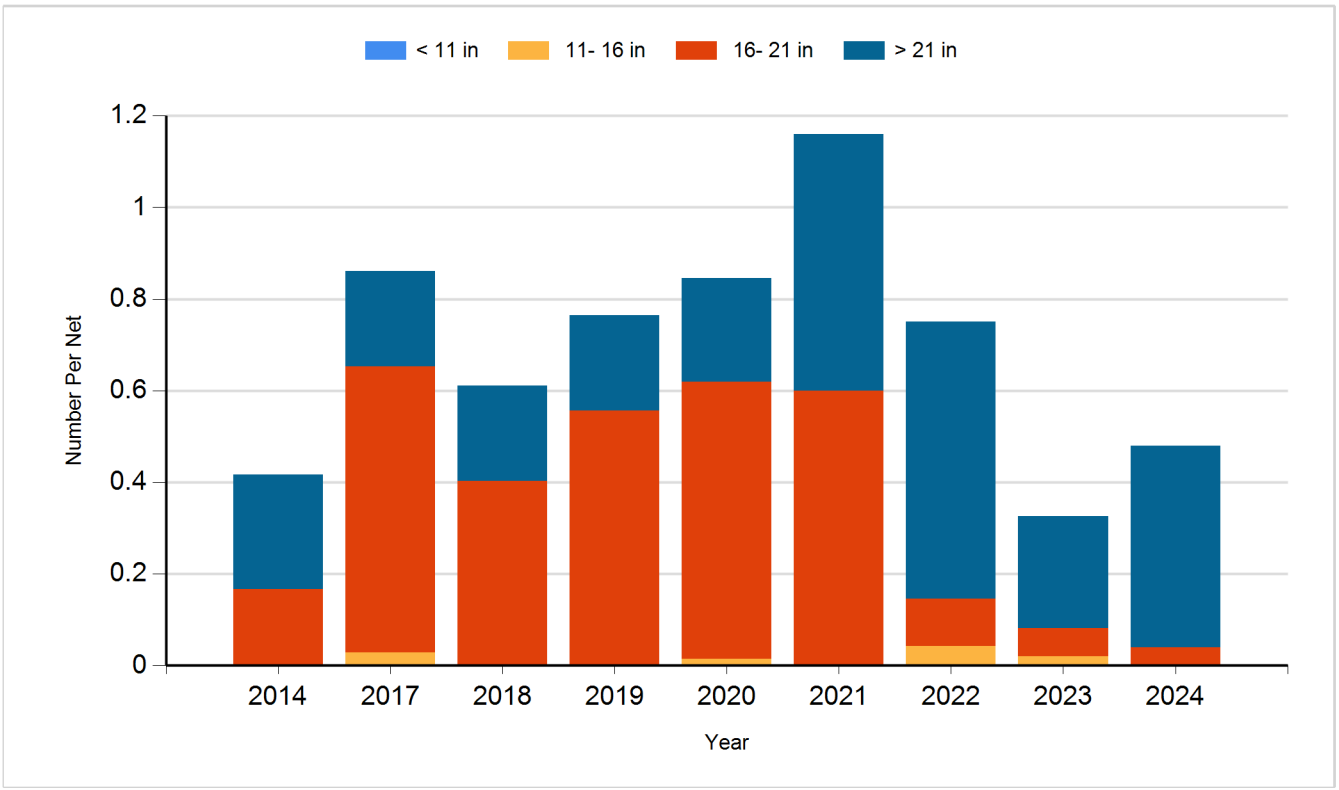
Species: Channel Catfish
Gear: AFS std gill net



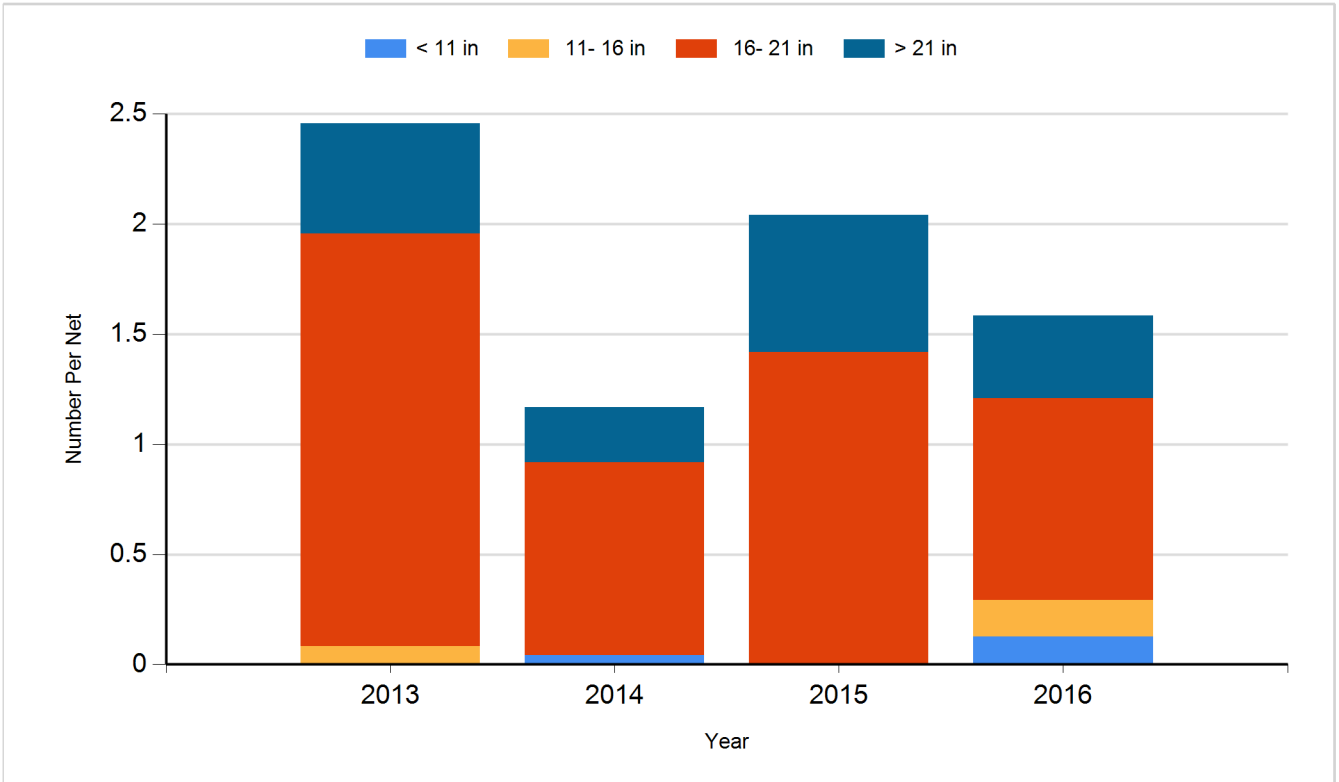
Species: Channel Catfish
Gear: std exp gill net



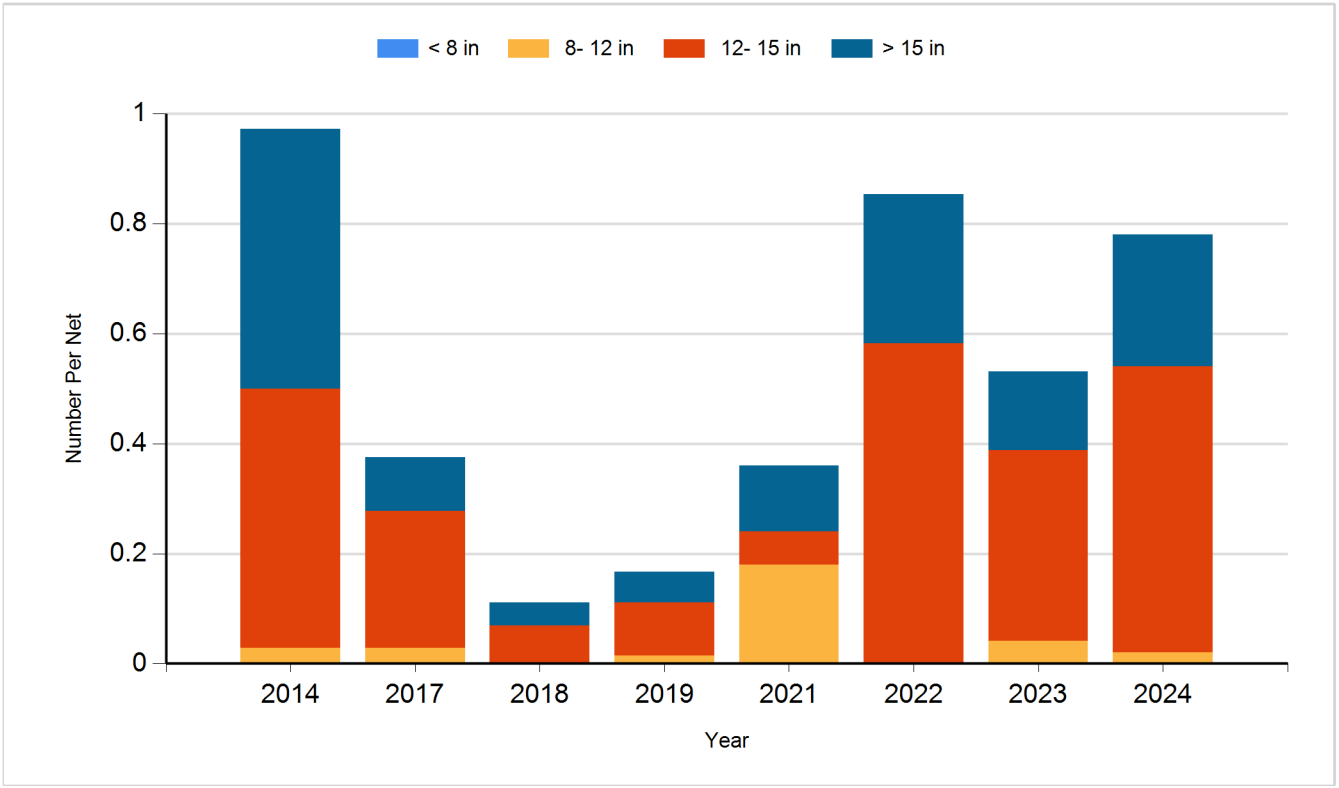
Species: Common Carp
Gear: AFS std gill net



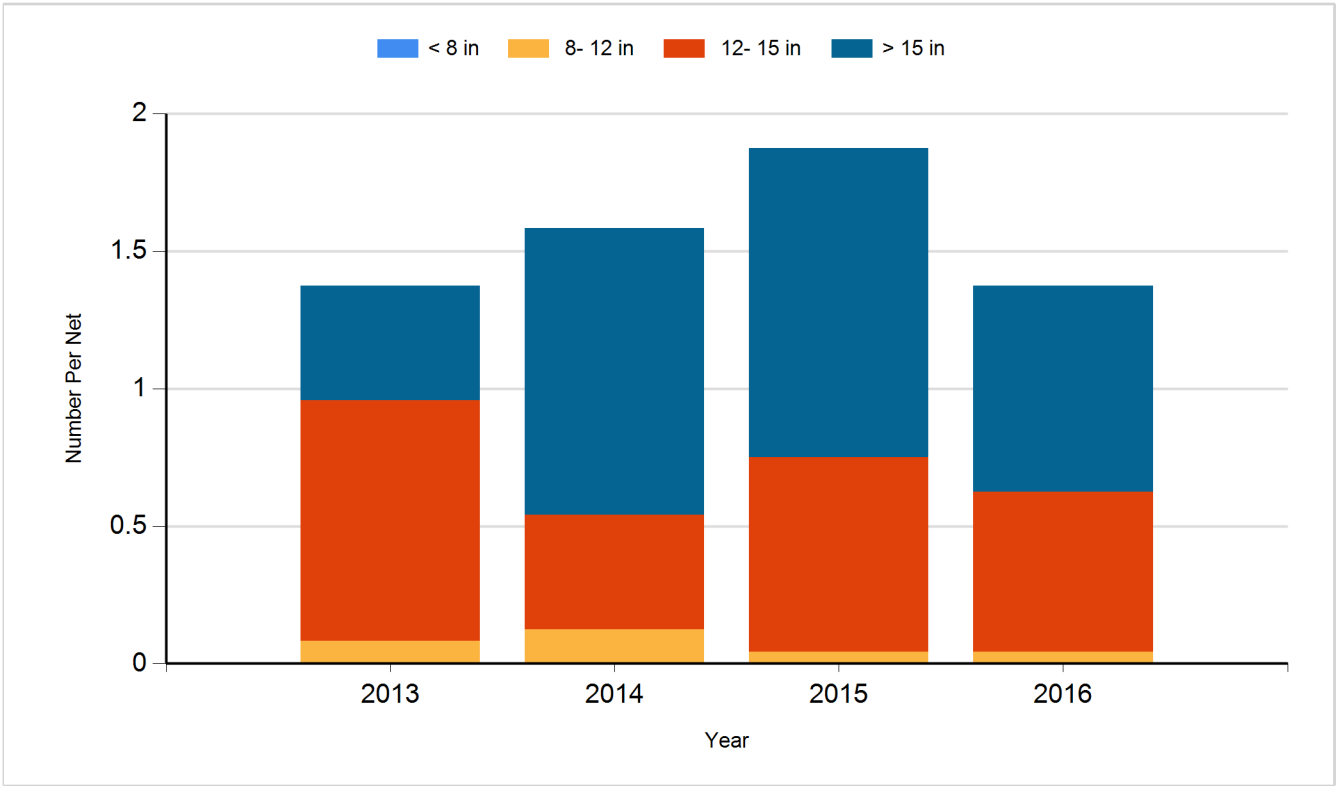
Species: Common Carp
Gear: std exp gill net



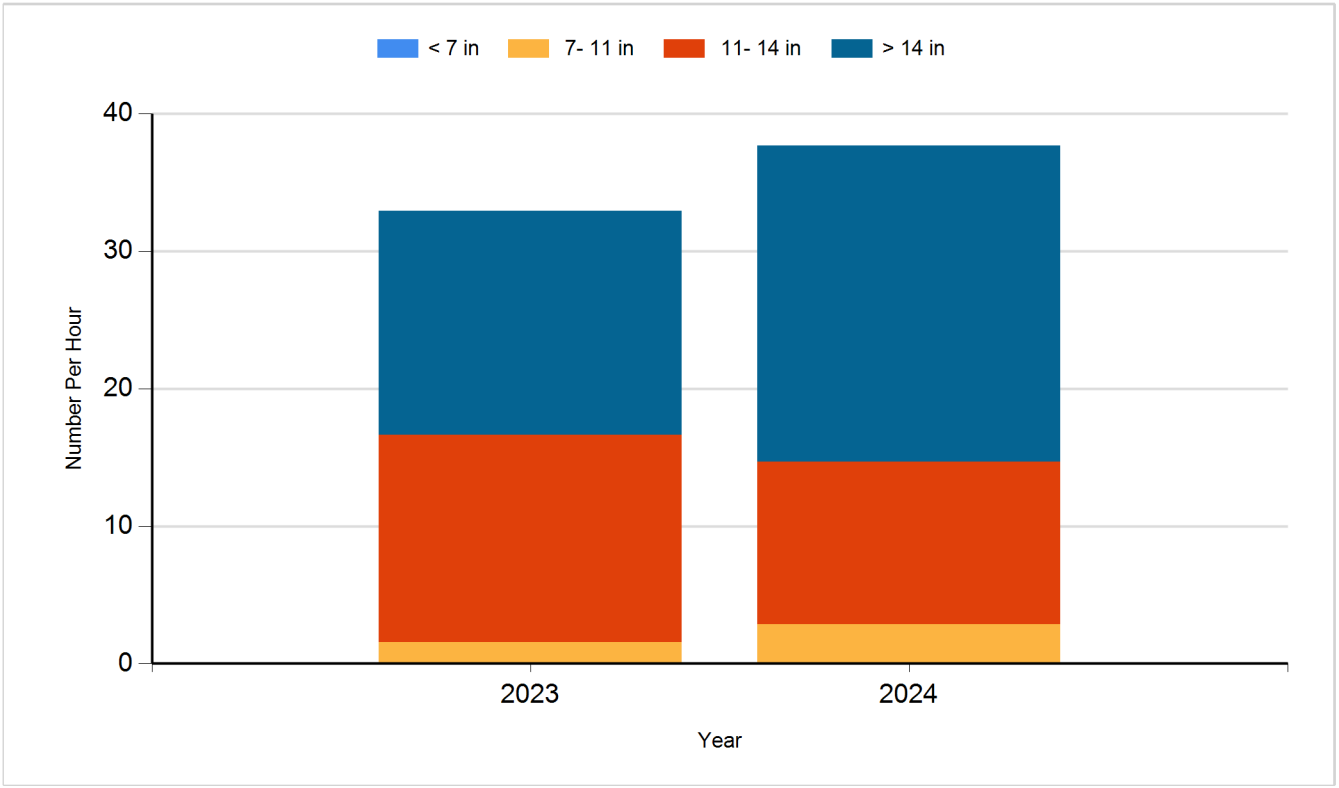
Species: Sauger
Gear: AFS std gill net



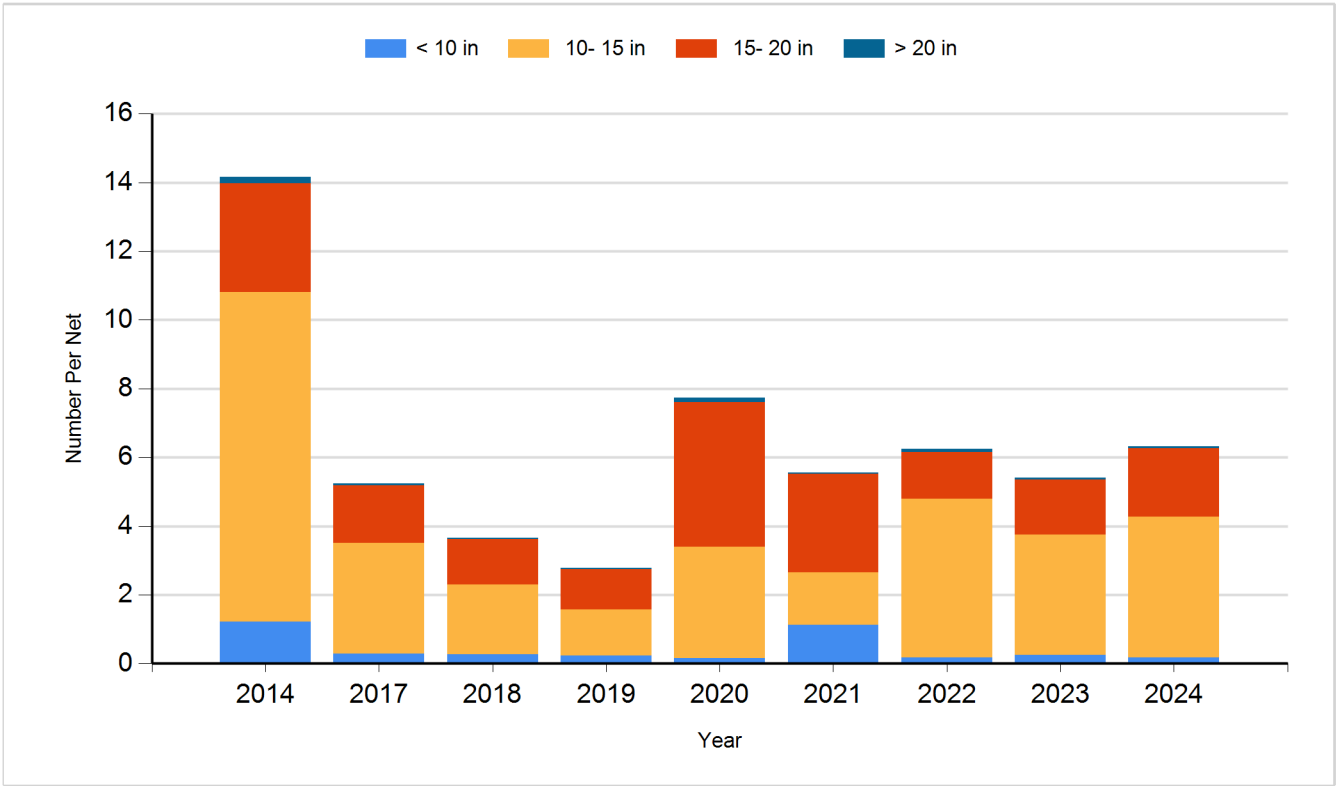
Species: Sauger
Gear: std exp gill net



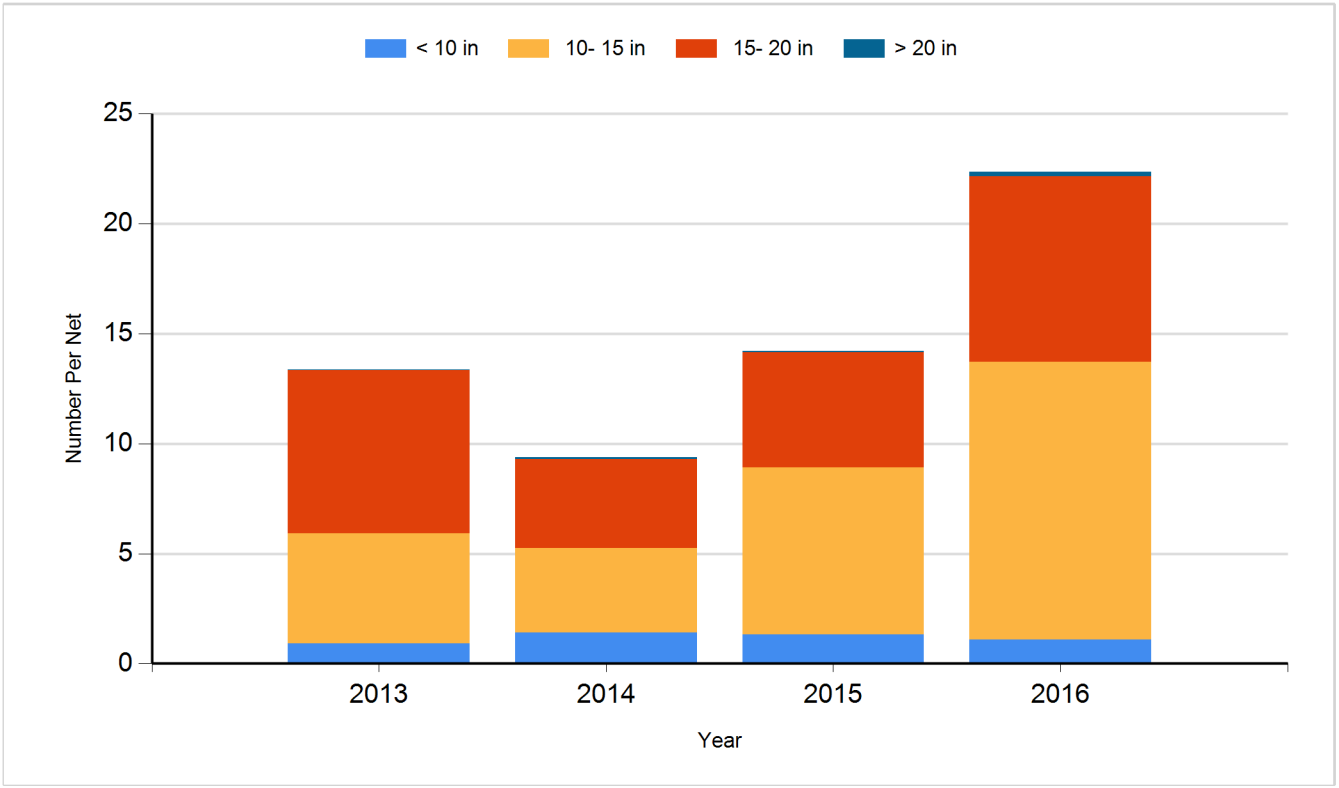
Species: Smallmouth Bass
Gear: spring day EF



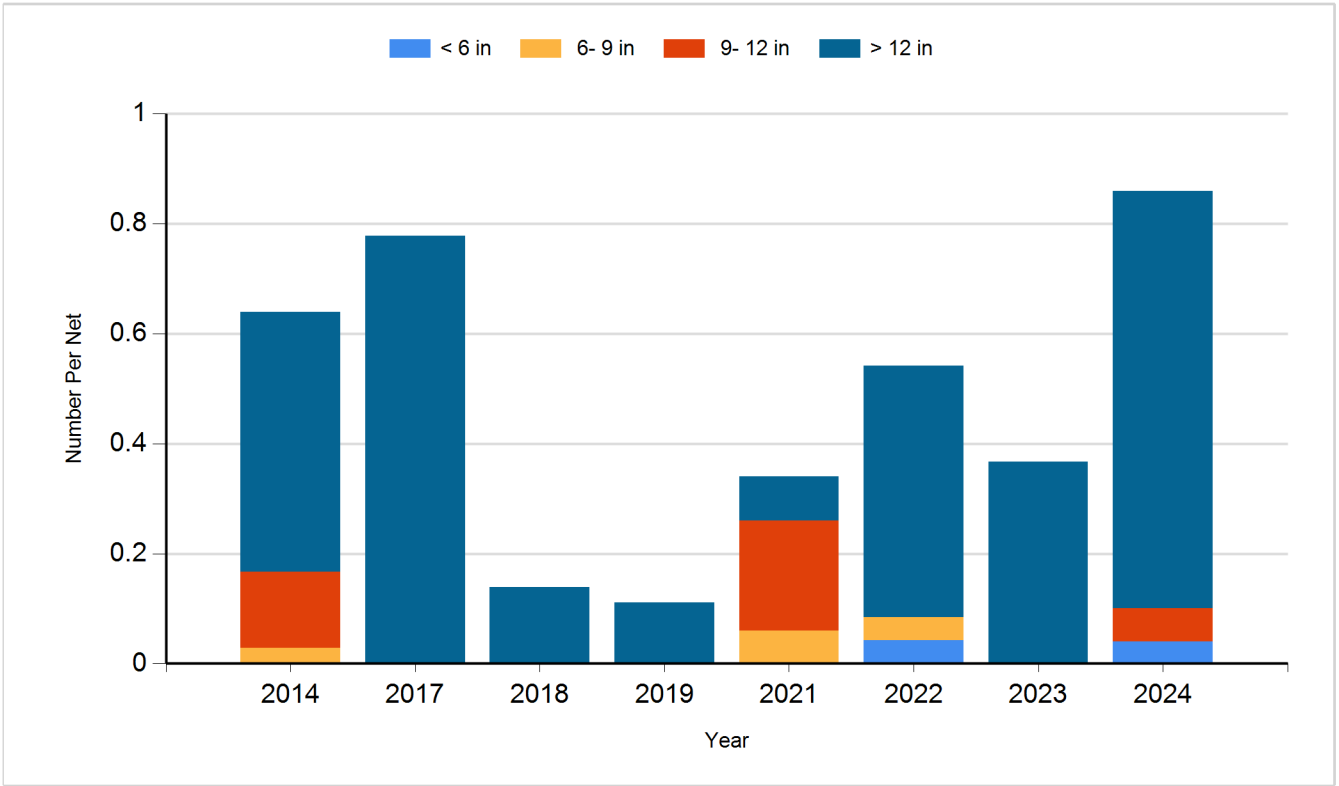
Species: Walleye
Gear: AFS std gill net



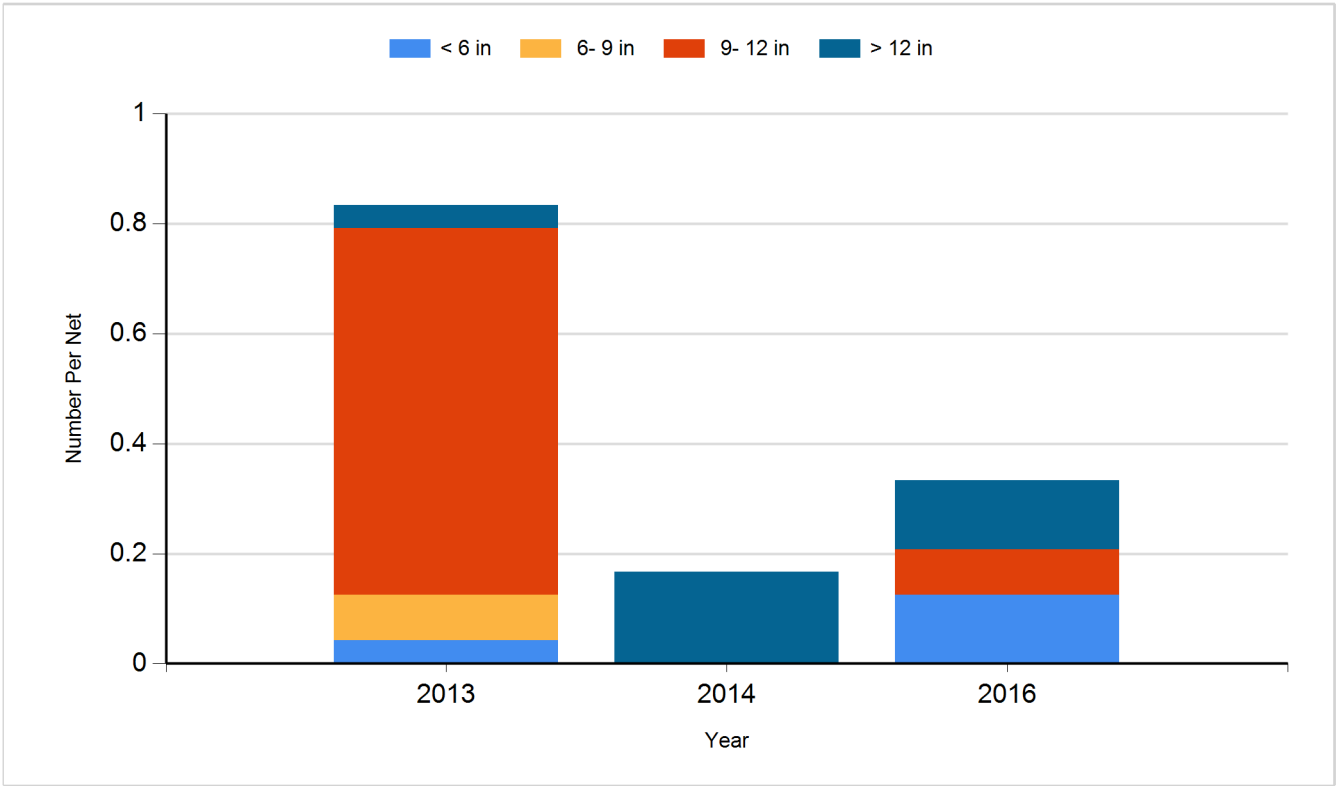
Species: Walleye
Gear: std exp gill net



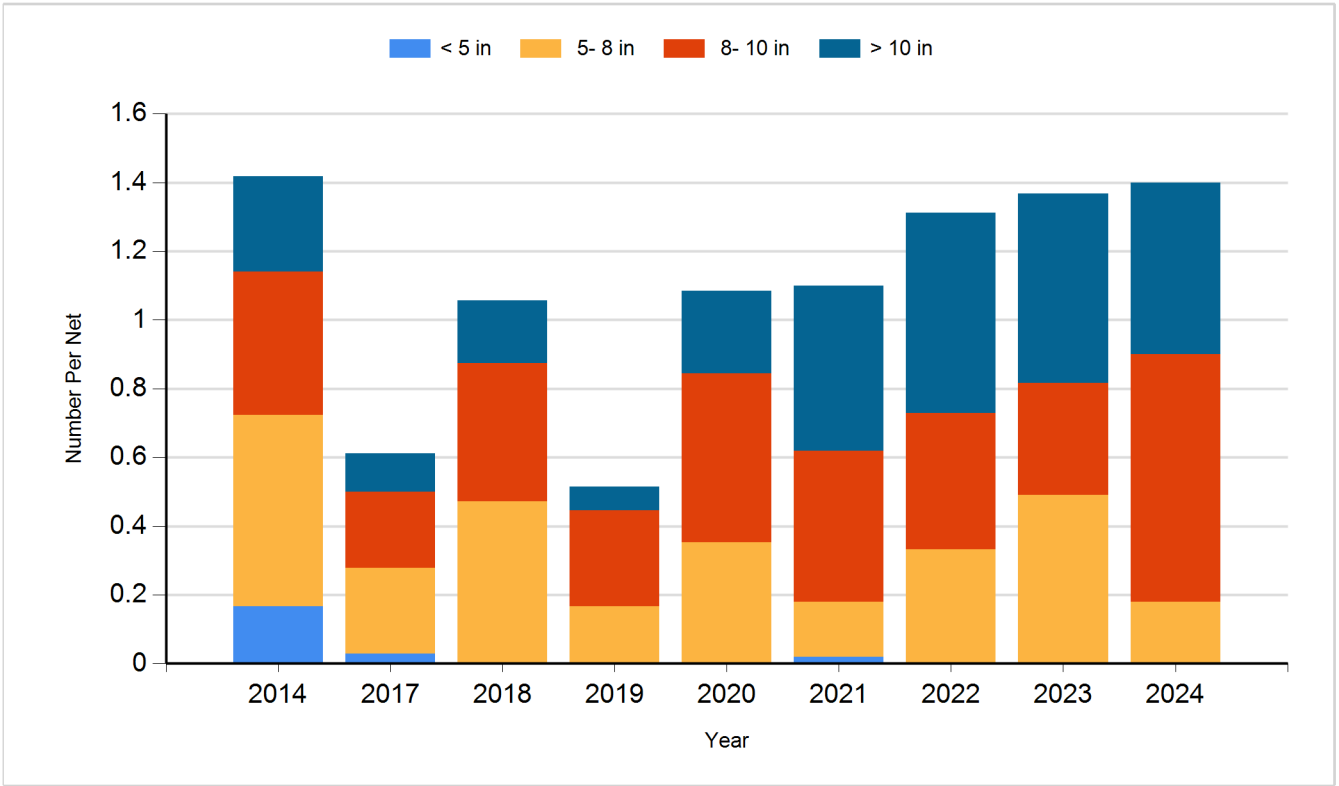
Species: White Bass
Gear: AFS std gill net



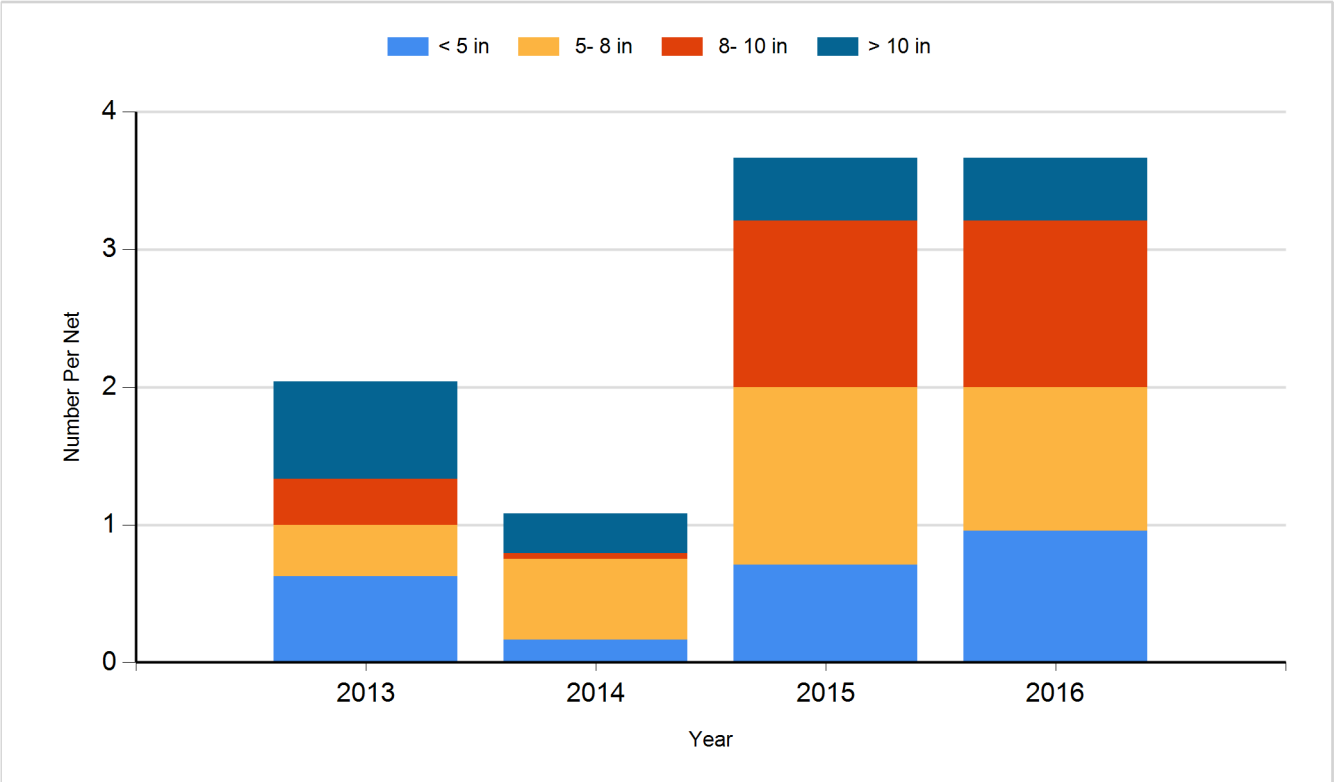
Species: White Bass
Gear: std exp gill net



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
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
2024	Paddlefish	Juvenile	22,493