Shadehill Reservoir Lake Survey Summary

Shadehill Reservoir is a 4,693-acre impoundment located twelve miles south of Lemmon. Primary species include Walleye, Smallmouth Bass, Channel Catfish, Northern Pike, Black Crappie, White Crappie, Yellow Perch, and Gizzard Shad. Other species found in Shadehill are Bluegill, White Bass, Common Carp, River Carpsucker, Northern Redhorse, White Sucker and Spottail Shiner.

Black Crappie. Crappie numbers remain low, with only 2.3 fish per frame net. The fish sampled were large, ranging from 10-13 inches. Hopefully high water in 2023 will enable crappie to recruit a year class to the population.

Channel Catfish. Channel Catfish were the most abundant species sampled in the gill net sample with 18.8 fish per net. Seventy percent of the adult catfish sampled were over 16 inches.

Walleye. Walleye catch was lower than average this year with 2.5 fish per gill net. Last year catch was 5.6 per net. Fish up to age nine were aged from this sample. Walleye sizes ranged from 7 to 23 inches. Shadehill was stocked with 302,377 small fingerlings and 389,000 fry in 2023.

SOUTH DAKOTA STATEWIDE FISHERIES SURVEY
Shadehill Reservoir, Perkins County
SFG-Lake-1017-000
2023

Lake Information

Name: Shadehill Reservoir

County: Perkins

Surface Area: 5,072 Acres

Surveys and Investigations

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

Gear	Date	Effort
AFS std gill net	Aug 08, 2023	10 net-nights
frame net (std 3/4 in)	Jun 01, 2023	6 net-nights
frame net (std 3/4 in)	May 23, 2023	1 net-nights
frame net (std 3/4 in)	May 31, 2023	5 net-nights

Common Fish Species Present

Smallmouth Bass

Channel Catfish

Black Crappie

Gizzard Shad

Walleye

Yellow Perch

River Carpsucker

Common Carp

White Bass

Shorthead Redhorse

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	Black Crappie	1	0.0	0.0	0		0			
	Channel Catfish	188	18.5	2.2	70	5	6	3	85	1
	Common Carp	21	1.9	0.8	84		26		91	2
	Freshwater Drum	9	0.7	0.4	100		0		102	4
	Goldeye	5	0.0	0.0						
	Northern Pike	1	0.1	0.1	100		0		86	
	River Carpsucker	13	1.3	0.7	100		77		94	3
	Shorthead Redhorse	8	0.8	0.6	100		38		97	2
	Smallmouth Bass	5	0.5	0.5	80		0		97	4
	Walleye	25	2.0	0.8	35	17	15		81	2
	White Bass	6	0.6	0.5	100		67		92	4
	White Crappie	1	0.1	0.1	100		100		108	
	White Sucker	2	0.2	0.2	100		50		93	
	Yellow Perch	10	1.0	0.5	70		30		98	4
frame net (std 3/4 in)	Black Crappie	28	2.3	0.7	100		96		90	2
	Bluegill	1	0.1	0.1	100		100		135	
	Channel Catfish	58	4.8	2.0	67	9	0		82	1
	Common Carp	37	3.1	1.2	89		62	12	95	3
	Freshwater Drum	2	0.2	0.2	100		50		106	2
	Northern Pike	2	0.2	0.2	100		0		80	17
	River Carpsucker	94	7.8	2.6	99		96		104	1
	Shorthead Redhorse	11	0.9	0.6	73		36		91	4
	Smallmouth Bass	6	0.5	0.6	83		0		93	5
	Walleye	12	1.0	0.7	92		58	24	85	3
	White Bass	15	1.3	0.6	100		100		87	2
	White Crappie	8	0.7	0.5	100		100		97	3
	White Sucker	1	0.1	0.1	100		100		94	

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	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
AFS std frame net	Black Crappie				14.2							14.20
	Common Carp				0.1							0.10
	Freshwater Drum				0.2							0.20
	Northern Pike				0.2							0.20
	River Carpsucker				0.9							0.90
	Shorthead Redhorse				0.1							0.10
	Smallmouth Bass				0.2							0.20
	Spottail Shiner				0.0							0.00
	Walleye				0.0							0.00
	White Bass				0.9							0.90
	White Crappie				4.2							4.20
AFS std gill net	Bigmouth Buffalo				0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.01
	Black Crappie				0.4	0.4	0.1	0.4	1.3	0.4	0.0	0.43
	Bluegill				0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.01
	Channel Catfish				8.5	8.9	13.9	11.4	8.0	7.2	18.5	10.91
	Common Carp				2.2	1.8	1.8	2.1	1.9	2.4	1.9	2.01
	Freshwater Drum				2.2	1.3	1.3	3.1	2.0	1.5	0.7	1.73
	Gizzard Shad				0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.01
	Goldeye				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Northern Pike				0.3	0.7	0.2	0.3	1.2	0.4	0.1	0.46
	River Carpsucker				1.8	1.5	1.4	2.1	1.1	0.7	1.3	1.41
	Shorthead Redhorse				0.7	1.6	0.9	0.1	1.0	1.0	0.8	0.87
	Smallmouth Bass				0.2	0.1	0.2	0.0	0.5	0.9	0.5	0.34
	Walleye				3.6	7.0	3.1	8.1	6.2	4.8	2.0	4.97
	White Bass				6.0	3.3	2.6	1.8	3.3	3.5	0.6	3.01
	White Crappie				0.8	0.2	0.4	0.8	0.1	0.1	0.1	0.36
	White Sucker				0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.04
	Yellow Perch				1.2	1.8	1.1	1.6	1.4	0.4	1.0	1.21
boat shocker (night)	Walleye*		168.3									168.30
frame net (std 3/4 in)	Black Bullhead	0.2	0.0	0.0		0.0	0.0			0.0	0.0	0.03
	Black Crappie	1.7	2.9	34.7		2.7	3.0			4.2	2.3	7.36
	Bluegill	2.4	0.3	0.4		0.1	0.0			0.5	0.1	0.54
	Channel Catfish	3.5	0.2	0.5		6.3	6.4			2.2	4.8	3.41

		CPUE										
Gear	Species	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
frame net (std 3/4 in)	Common Carp	0.6	0.5	0.1		0.3	1.9			2.8	3.1	1.33
	Freshwater Drum	0.1	0.1	0.0		0.0	0.6			0.2	0.2	0.17
	Gizzard Shad	0.0	0.0	0.1		0.0	0.0			0.0	0.0	0.01
	Green Sunfish	0.0	0.0	0.0		0.0	0.0			0.2	0.0	0.03
	Northern Pike	0.0	0.1	0.0		0.0	0.2			0.2	0.2	0.10
	River Carpsucker	4.1	0.0	0.0		8.1	1.0			1.3	7.8	3.19
	Shorthead Redhorse	0.7	0.0	0.0		0.2	0.0			0.3	0.9	0.30
	Smallmouth Bass	0.2	0.3	0.3		0.0	0.2			2.0	0.5	0.50
	Tadpole Madtom	0.0	0.0	0.0		0.0	0.0			0.0	0.0	0.00
	Walleye	0.5	0.0	0.1		0.5	2.7			0.8	1.0	0.80
	White Bass	0.1	0.0	0.8		0.3	0.8			5.0	1.3	1.19
	White Crappie	1.7	22.6	45.3		6.8	7.7			0.2	0.7	12.14
	White Sucker	0.1	0.0	0.0		0.0	0.0			0.0	0.1	0.03
	Yellow Perch	0.3	0.0	0.0		0.1	0.2			0.0	0.0	0.09
std exp gill net	Black Bullhead	0.0	0.0	0.2								0.07
	Black Crappie	1.8	1.5	1.7								1.67
	Bluegill	0.2	0.0	0.0								0.07
	Channel Catfish	21.3	12.5	22.7								18.83
	Common Carp	2.2	1.7	8.2								4.03
	Freshwater Drum	0.8	2.3	3.0								2.03
	Gizzard Shad	0.0	2.3	1.0								1.10
	Goldeye	0.0	0.0	0.0								0.00
	Northern Pike	0.7	1.5	0.3								0.83
	River Carpsucker	0.8	0.3	0.8								0.63
	Shorthead Redhorse	6.5	5.8	2.3								4.87
	Smallmouth Bass	0.2	0.0	0.0								0.07
	Walleye	7.7	6.7	8.0								7.47
	White Bass	9.8	20.3	1.3								10.47
	White Crappie	0.2	0.7	1.5								0.80
	White Sucker	0.0	0.2	0.0								0.07
	Yellow Perch	5.7	4.2	3.3								4.40

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	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AFS std frame net	Black Crappie	PSD				100						
		PSD-P				82						
		Wr				95						
	Common Carp	PSD				0						
		PSD-P				0						
	River Carpsucker	PSD				100						
		PSD-P				91						
		Wr				108						
	Shorthead Redhorse	PSD				100						
		PSD-P				0						
		Wr				81						
	Smallmouth Bass	PSD				50						
		PSD-P				0						
		Wr				91						
	Walleye	PSD				0						
		PSD-P				0						
	White Bass	PSD				100						
		PSD-P				100						
		Wr				91						
AFS std gill net	Black Crappie	PSD				100	100	100	100	100	100	0
		PSD-P				100	100	100	75	92	100	0
		Wr				94	95	90	99	94	96	
	Channel Catfish	PSD				41	63	58	62	85	76	70
		PSD-P				5	5	4	5	8	3	6
		Wr				86	87	83	89	89	84	85
	Common Carp	PSD				73	100	100	90	95	88	84
		PSD-P				12	27	28	52	32	50	26
		Wr				93	89	90	96	91	86	91
	Gizzard Shad	PSD					0				0	
		Wr									117	
	River Carpsucker	PSD				100	100	100	100	100	100	100
		PSD-P				95	94	100	95	100	100	77
		Wr				101	95	93	97	98	99	94

			Year									
Gear	Species	Index	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AFS std gill net	Shorthead Redhorse	PSD				100	74	100	100	90	80	100
		PSD-P				75	68	78	100	90	70	38
		Wr				92	97	98	101	90	89	97
	Smallmouth Bass	PSD				100	0	50		40	89	80
		PSD-P				50	0	0		0	0	0
		Wr				71	100	91		91	90	97
	Walleye	PSD				33	27	26	30	35	69	35
		PSD-P				9	1	6	6	0	6	15
		Wr				81	79	80	83	80	85	81
	White Bass	PSD				90	100	96	100	100	86	100
		PSD-P				90	64	96	94	100	86	67
		Wr				92	89	87	85	89	88	92
	Yellow Perch	PSD				86	73	100	88	93	75	70
		PSD-P				14	9	55	50	36	0	30
		Wr				92	99	90	95	95	102	98
boat shocker (night)	Walleye	PSD		80								
		PSD-P		20								
		Wr		90								
frame net (std 3/4 in)	Black Crappie	PSD	100	100	98		100	100			100	100
		PSD-P	100	100	97		96	100			92	96
		Wr	96	104	103		87	89			99	90
	Channel Catfish	PSD	37	50	100		37	31			38	67
		PSD-P	0	0	0		0	0			0	0
		Wr	91	77	91		82	91			87	82
	Common Carp	PSD	67	80	0		100	82			94	89
		PSD-P	50	60	0		0	29			71	62
		Wr	86	103	96		90	89			92	95
	Gizzard Shad	PSD			100							
		Wr			85							
	River Carpsucker	PSD	100				100	89			100	99
		PSD-P	98				98	67			100	96
		Wr					96	95			113	104
	Shorthead Redhorse	PSD	86				100				100	73
		PSD-P	14				50				100	36
		Wr	87				75				92	91
	Smallmouth Bass	PSD	100	33	33			100			67	83

			Year									
Gear	Species	Index	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
frame net (std 3/4 in)	Smallmouth Bass	PSD-P	0	33	33			0			8	0
		Wr	93	99	92			94			87	93
	Walleye	PSD	80		100		100	83			60	92
		PSD-P	0		0		80	4			0	58
		Wr	88		99		79	82			95	85
	White Bass	PSD	100		100		100	100			100	100
		PSD-P	100		63		100	100			100	100
		Wr	84		91		85	88			89	87
	Yellow Perch	PSD	100				100	50				
		PSD-P	0				100	50				
		Wr	93				74	94				
std exp gill net	Black Crappie	PSD	91	100	100							
		PSD-P	91	100	90							
		Wr	116	103	100							
	Channel Catfish	PSD	55	53	35							
		PSD-P	0	0	1							
		Wr	82	88	86							
	Common Carp	PSD	77	70	76							
		PSD-P	23	0	10							
		Wr	91	96	85							
	Gizzard Shad	PSD	0	86	83							
		Wr		122								
	River Carpsucker	PSD	100	100	100							
		PSD-P	100	100	100							
		Wr	94	103								
	Shorthead Redhorse	PSD	97	80	100							
		PSD-P	59	26	36							
		Wr	88	94	82							
	Smallmouth Bass	PSD	100									
		PSD-P	100									
		Wr	96									
	Walleye	PSD	74	58	52							
		PSD-P	4	0	8							
		Wr	80	84	86							
	White Bass	PSD	58	98	100							
		PSD-P	44	30	63							
		Wr	93	95	94							

			Year									
Gear	Species	Index	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
std exp gill net	Yellow Perch	PSD	65	36	90							
		PSD-P	6	12	20							
		Wr	96	101	98							

Length at Capture

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

Species: Walleye

		Mean Length (expanded sample number) at capture by age									
Year	N	1	2	3	4	5	6	7	8	9	10+
2020	83	200 (2)	297 (5)	299 (10)	354 (45)	415 (14)	414 (2)	490 (1)	556 (1)	588 (1)	597 (3)
2019	31		274 (3)	318 (20)	385 (2)	443 (4)					593 (2)
2018	22		310 (12)	366 (8)	384 (2)						
2017	35		333 (9)	366 (13)	430 (4)	423 (2)		471 (2)	528 (4)	630 (1)	
2016	96		294 (38)	384 (16)	394 (2)	411 (10)	468 (8)	480 (20)	505 (2)		
2015	104	215 (26)	305 (18)	353 (12)	398 (8)	396 (12)	443 (26)	441 (2)			
2014	92	275 (10)	330 (4)	367 (8)	407 (6)	430 (58)	545 (2)		483 (2)		748 (2)

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).

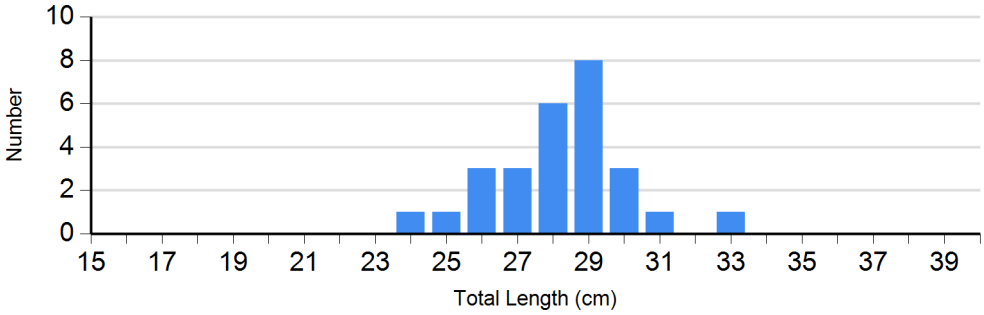
		Length Groups							
		S-Q		Q-P		P-M		M	
Species	Year	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Black Crappie Frame Net	2019	0		0		18	91 (1.9)	9	86 (1.9)
	2022	0		2	111 (1.6)	7	101 (3.5)	16	97 (1.4)
	2023	0		1	114	11	95 (1.6)	16	85 (1.4)
Channel Catfish Gill Net	2019	59	82 (0.7)	75	83 (0.8)	5	91 (2.1)	0	
	2020	43	87 (1.1)	65	89 (0.8)	6	87 (3.5)	0	
	2021	12	88 (1.7)	62	89 (0.9)	6	84 (4.5)	0	
	2022	17	82 (1.1)	53	84 (1.1)	2		0	
	2023	55	83 (0.7)	118	85 (0.7)	12	86 (2.1)	0	
Common Carp Gill Net	2019	0		13	92 (1.0)	5	85 (1.4)	0	
	2020	2	92	8	93 (1.7)	10	99 (2.0)	1	93
	2021	1	92	12	90 (1.3)	6	94 (5.1)	0	
	2022	3	78 (2.6)	9	88 (1.6)	12	87 (2.4)	0	
	2023	3	92 (4.7)	11	89 (2.1)	4	95 (3.3)	1	88
Walleye Gill Net	2019	23	81 (0.9)	6	78 (1.7)	2	73 (0.3)	0	
	2020	57	84 (0.7)	19	83 (1.0)	4	79 (3.8)	1	74
	2021	40	82 (0.8)	22	77 (1.2)	0		0	
	2022	15	86 (1.5)	30	85 (0.8)	3	81 (3.0)	0	
	2023	13	81 (1.8)	4	80 (2.1)	3	83 (4.9)	0	
White Bass Gill Net	2019	1		0		24	87 (0.9)	1	
	2020	0		1	98	17	84 (0.9)	0	
	2021	0		0		31	89 (0.9)	2	81 (4.2)
	2022	5	102 (3.6)	0		29	87 (0.8)	1	78

		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	2023	0		2	96 (5.7)	4	90 (3.4)	0	
Yellow Perch Gill Net	2019	0		5	94 (1.6)	6	87 (2.3)	0	
	2020	2	98 (3.7)	6	102 (2.9)	8	89 (2.3)	0	
	2021	1	103	8	97 (3.4)	5	90 (2.0)	0	
	2022	1	99	3	103 (10.0)	0		0	
	2023	3	96 (7.8)	4	96 (4.9)	3	105 (1.3)	0	

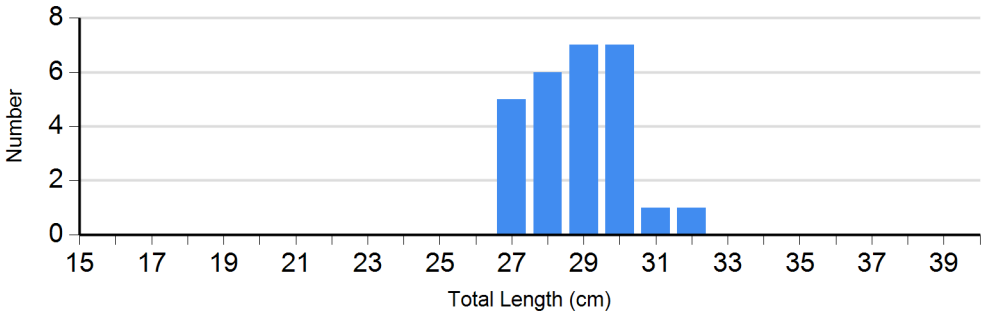
Length Frequency Distribution

Length frequency histogram of species sampled by year.

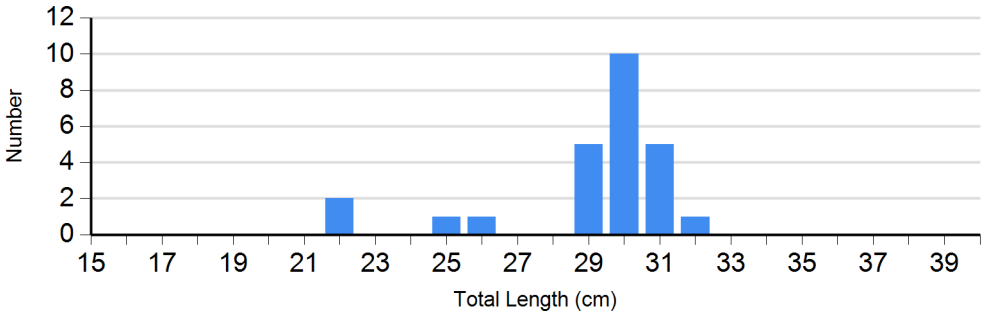
Species: Black Crappie
Gear: frame net (std 3/4 in)



2018



2019



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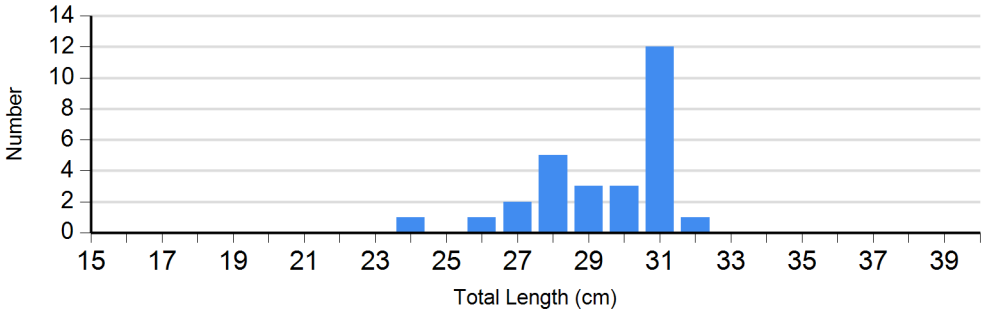
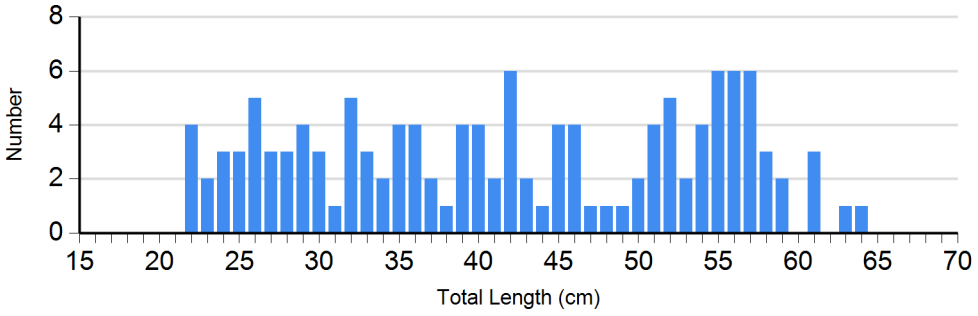


2023

Species: Channel Catfish
Gear: AFS std gill net

2018



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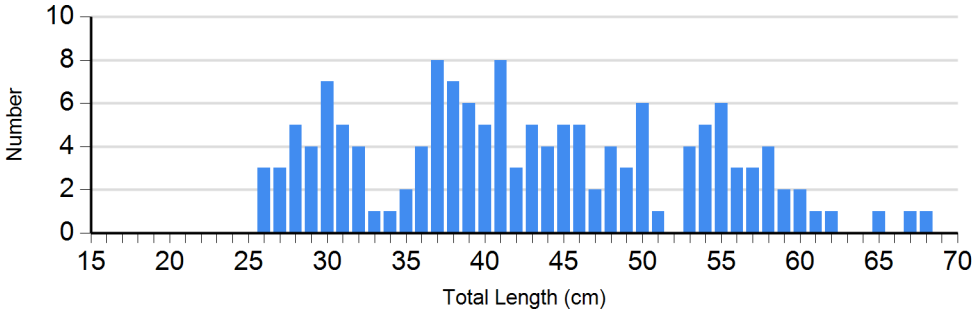

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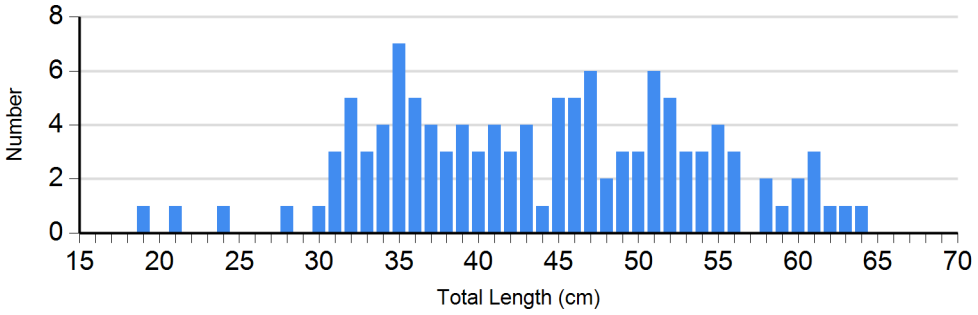

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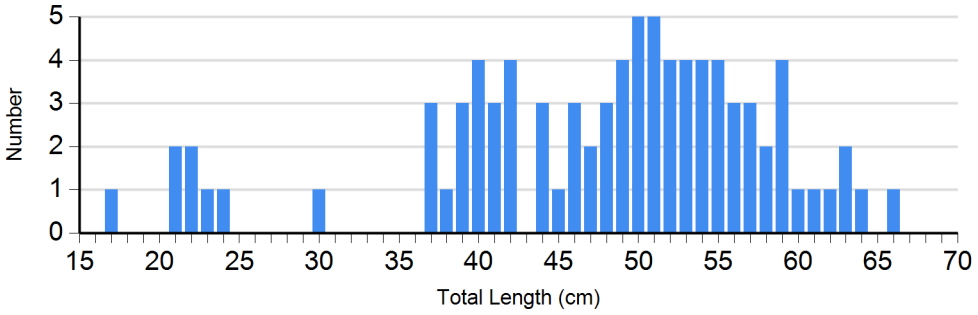

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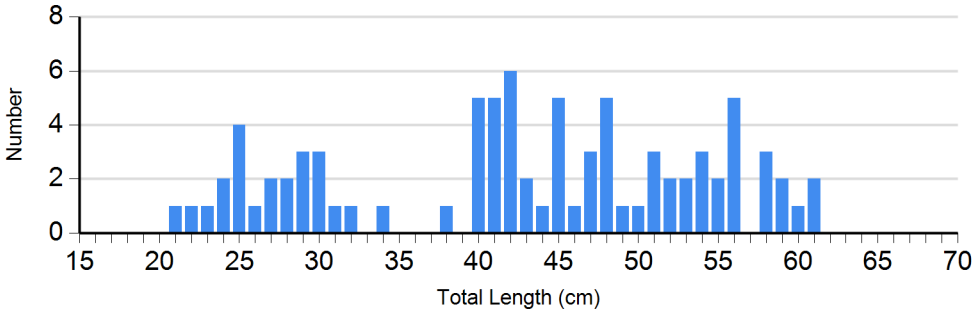
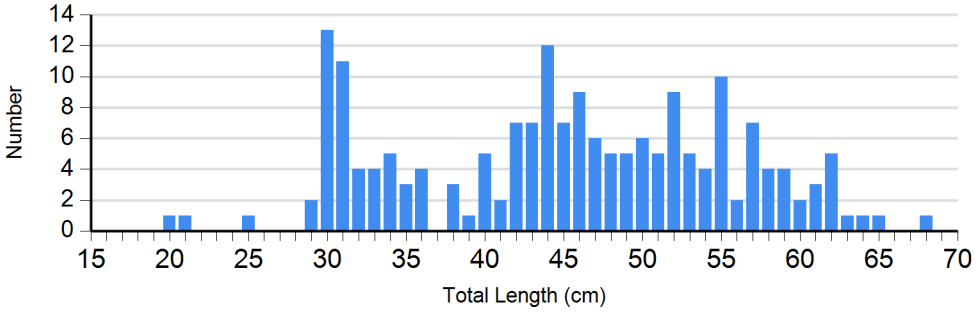
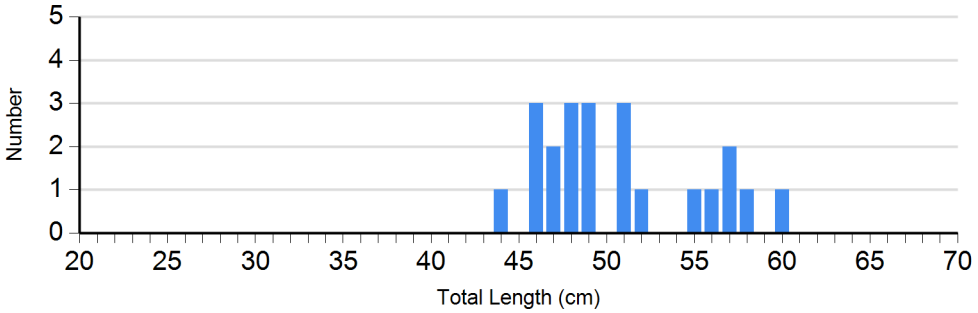




2023

Species: Common Carp
Gear: AFS std gill net



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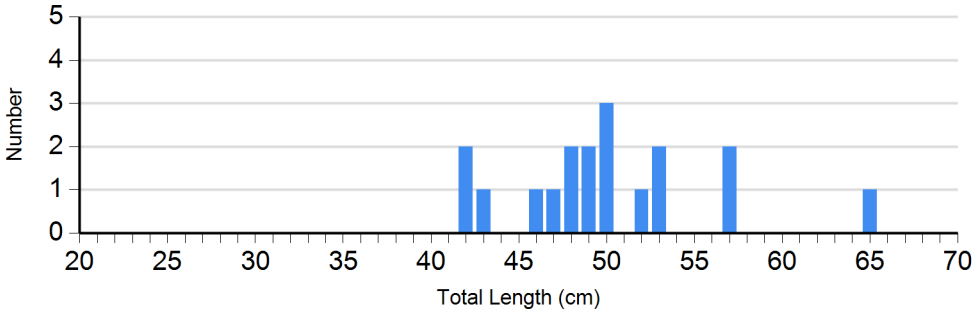

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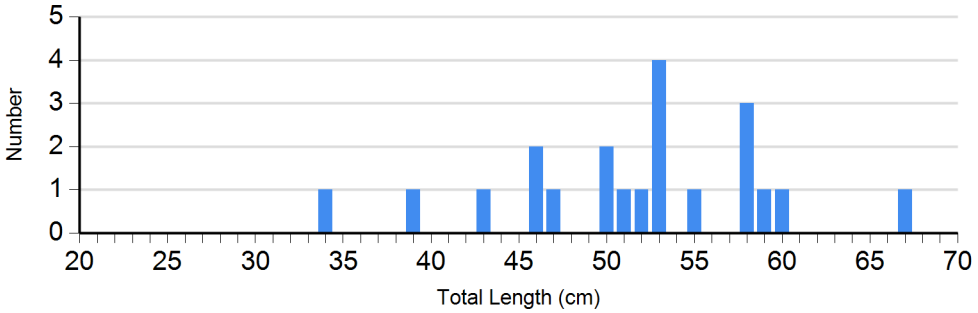

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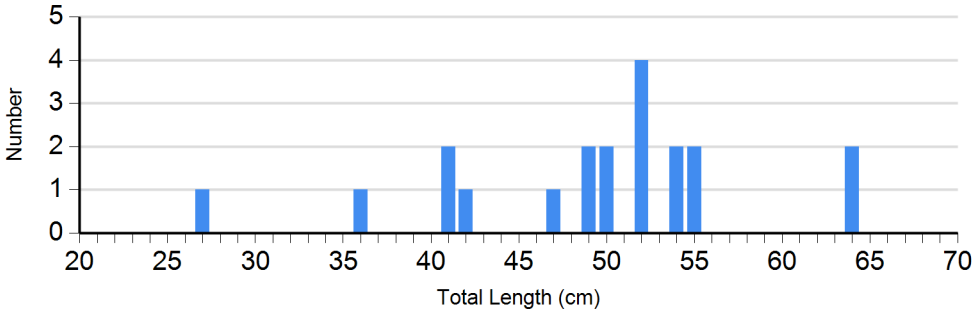

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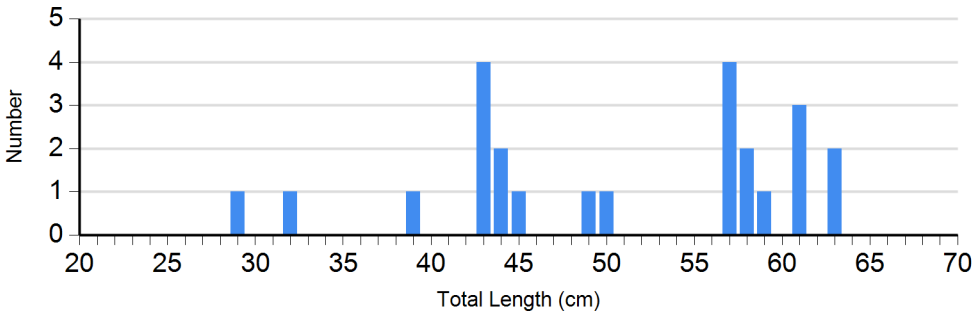

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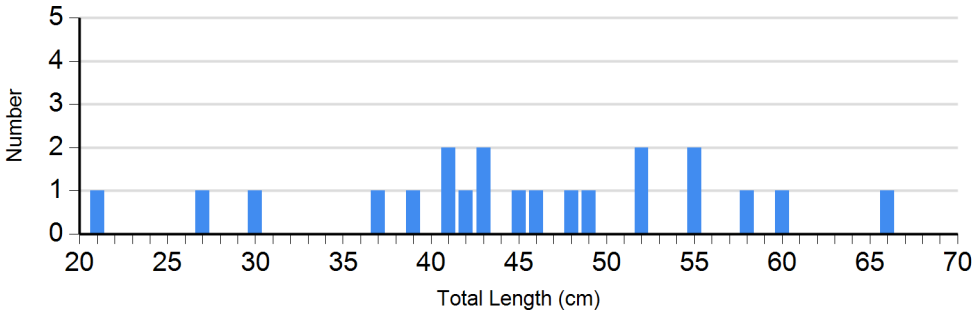
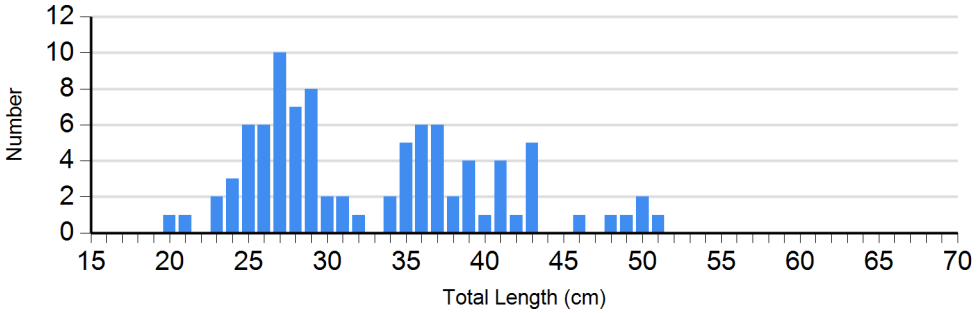


2023

Species: Walleye
Gear: AFS std gill net



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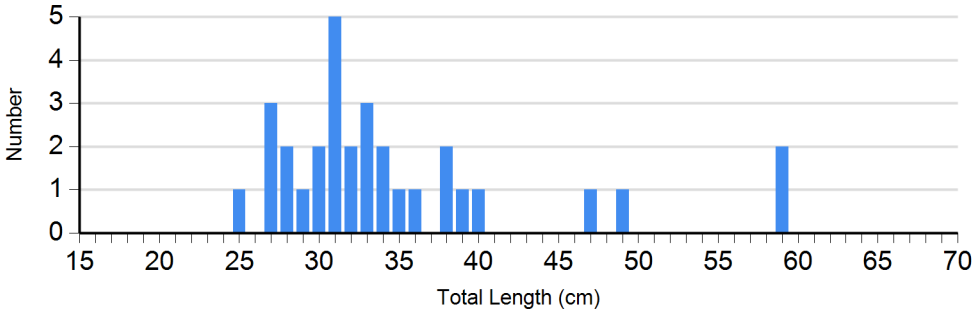

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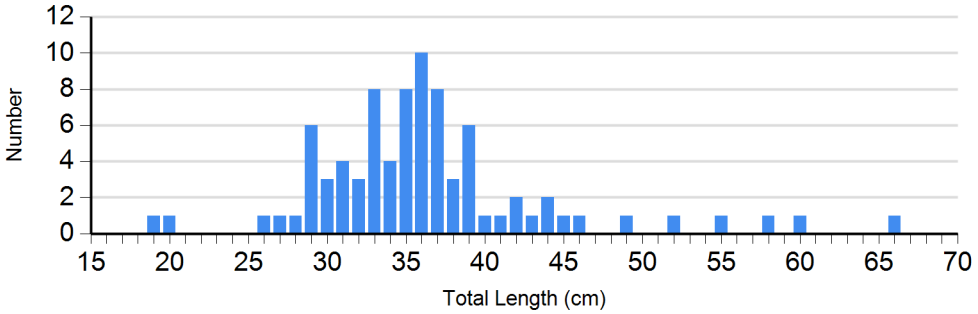

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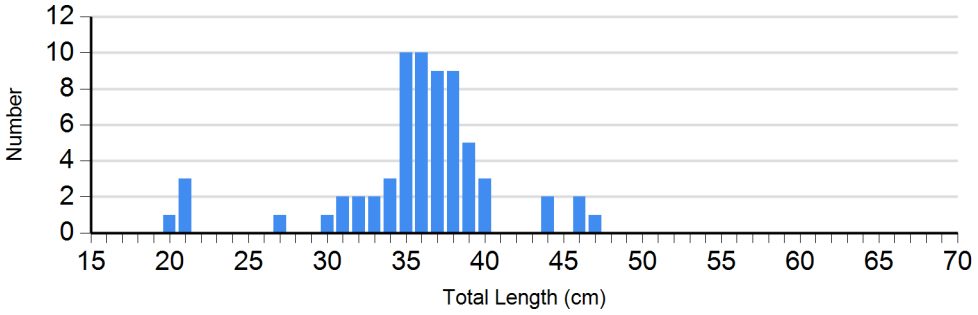

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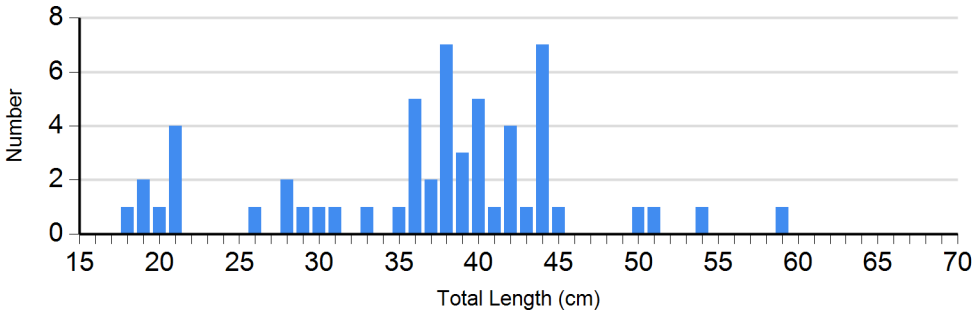

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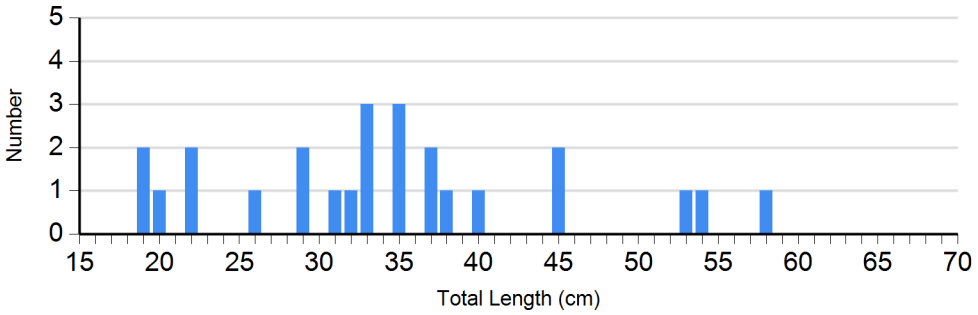
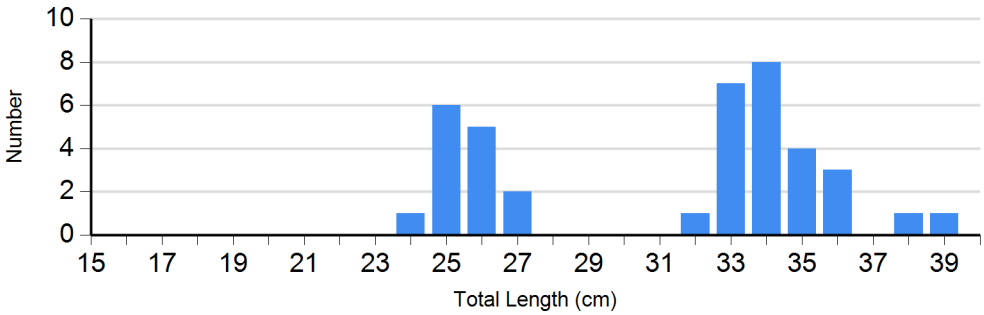


2023

Species: White Bass
Gear: AFS std gill net



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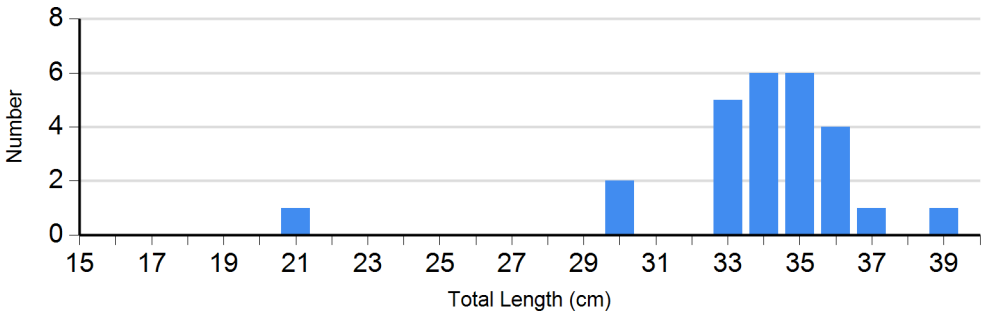

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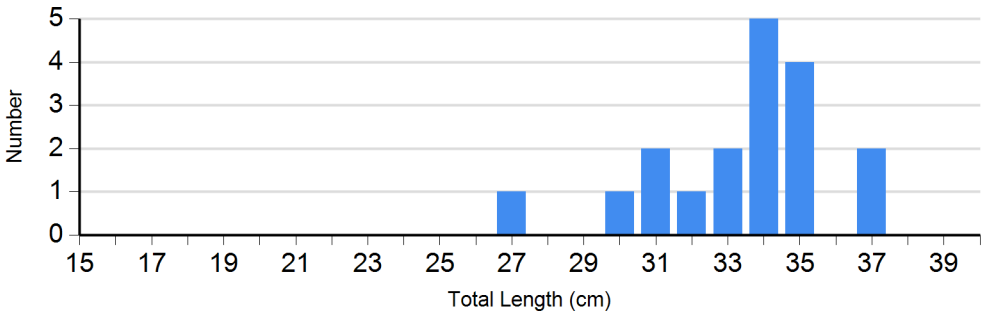
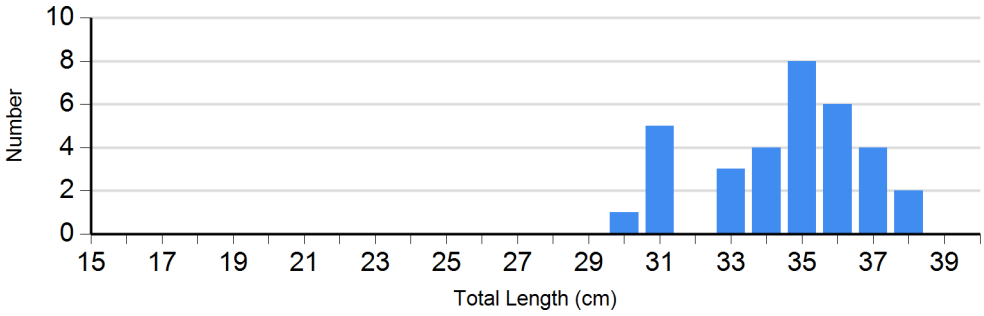
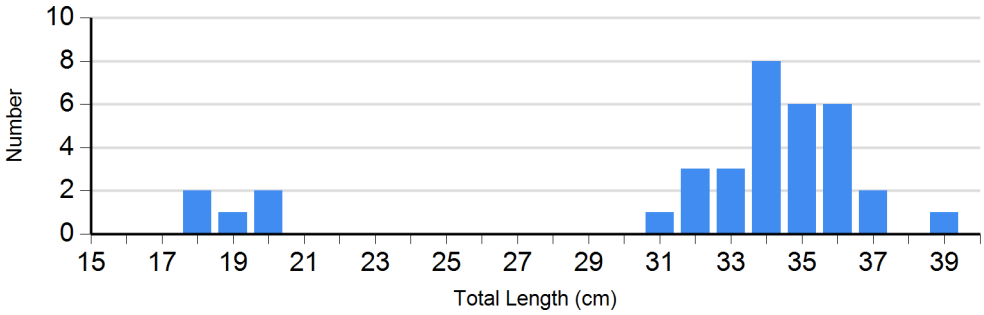


2020

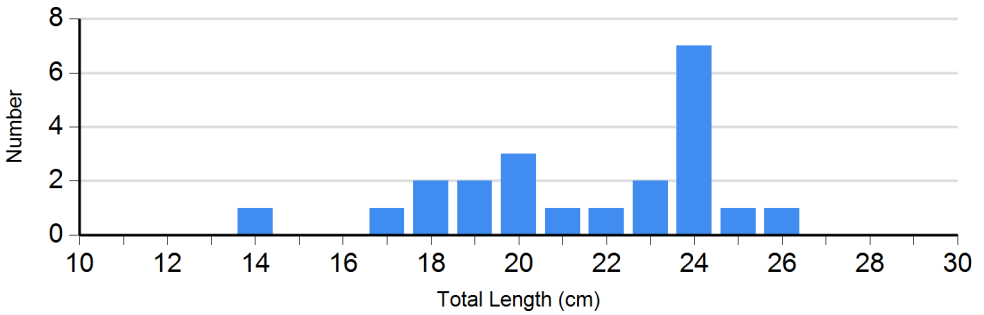


2021



2022

Species: Yellow Perch
Gear: AFS std gill net



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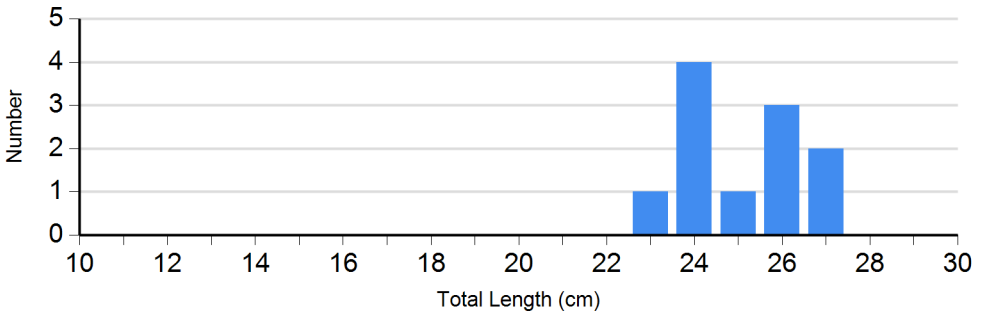

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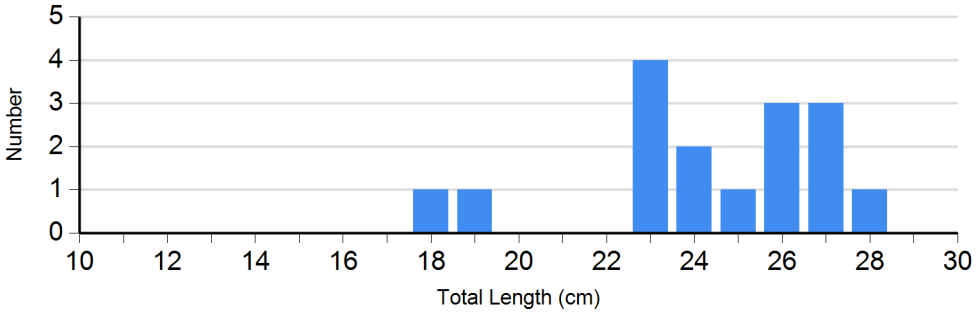

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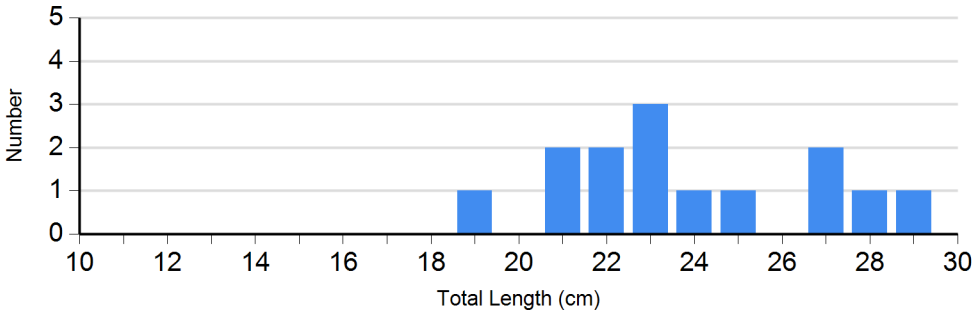
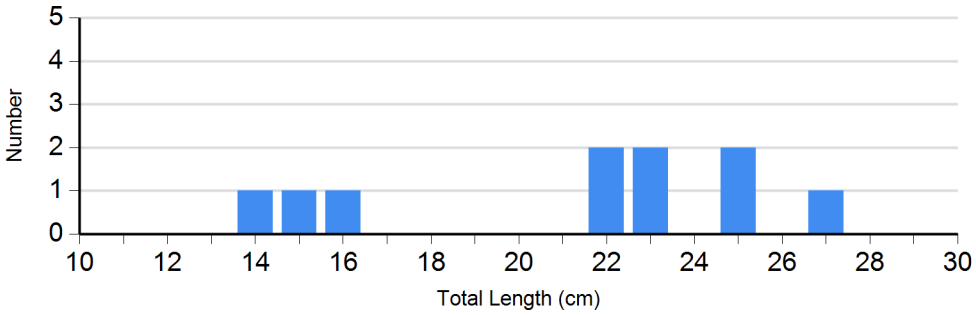


2021

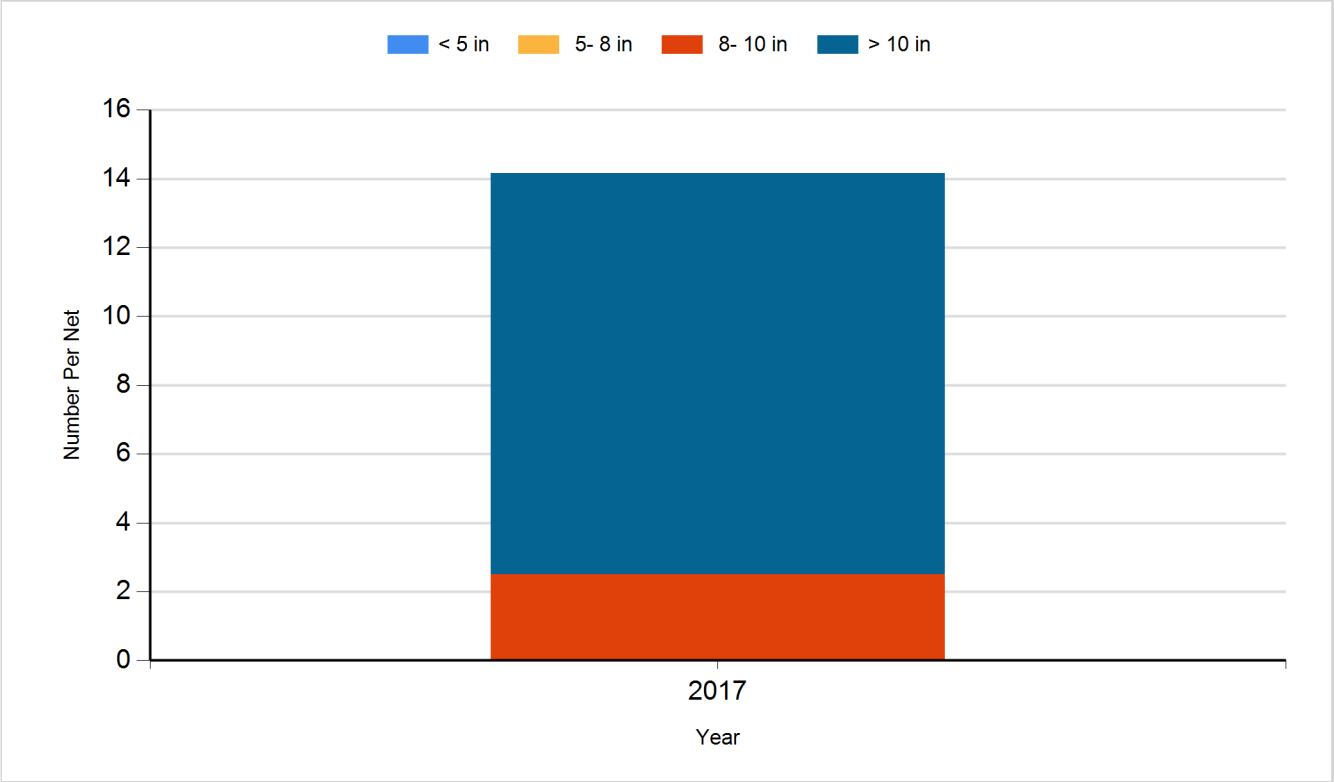


2023

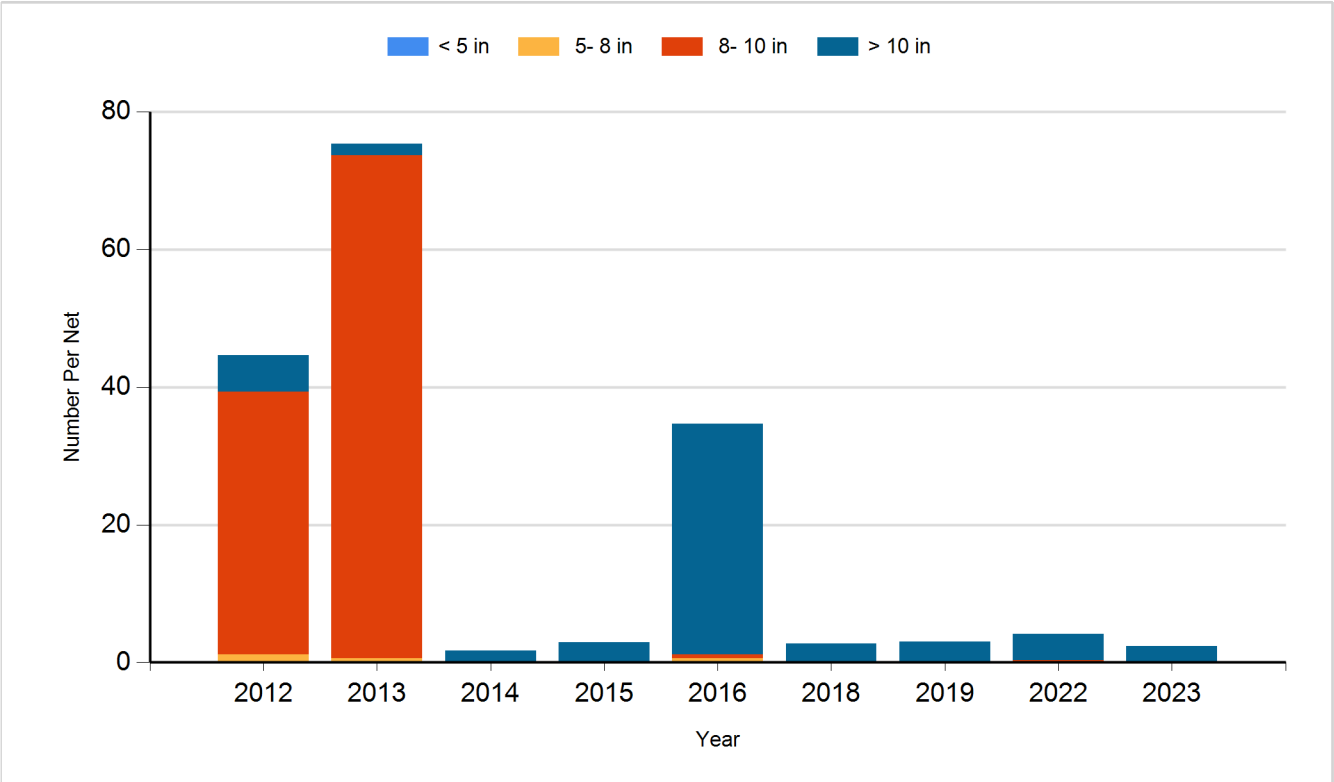
Historic Fish Sizes and Relative Abundance

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

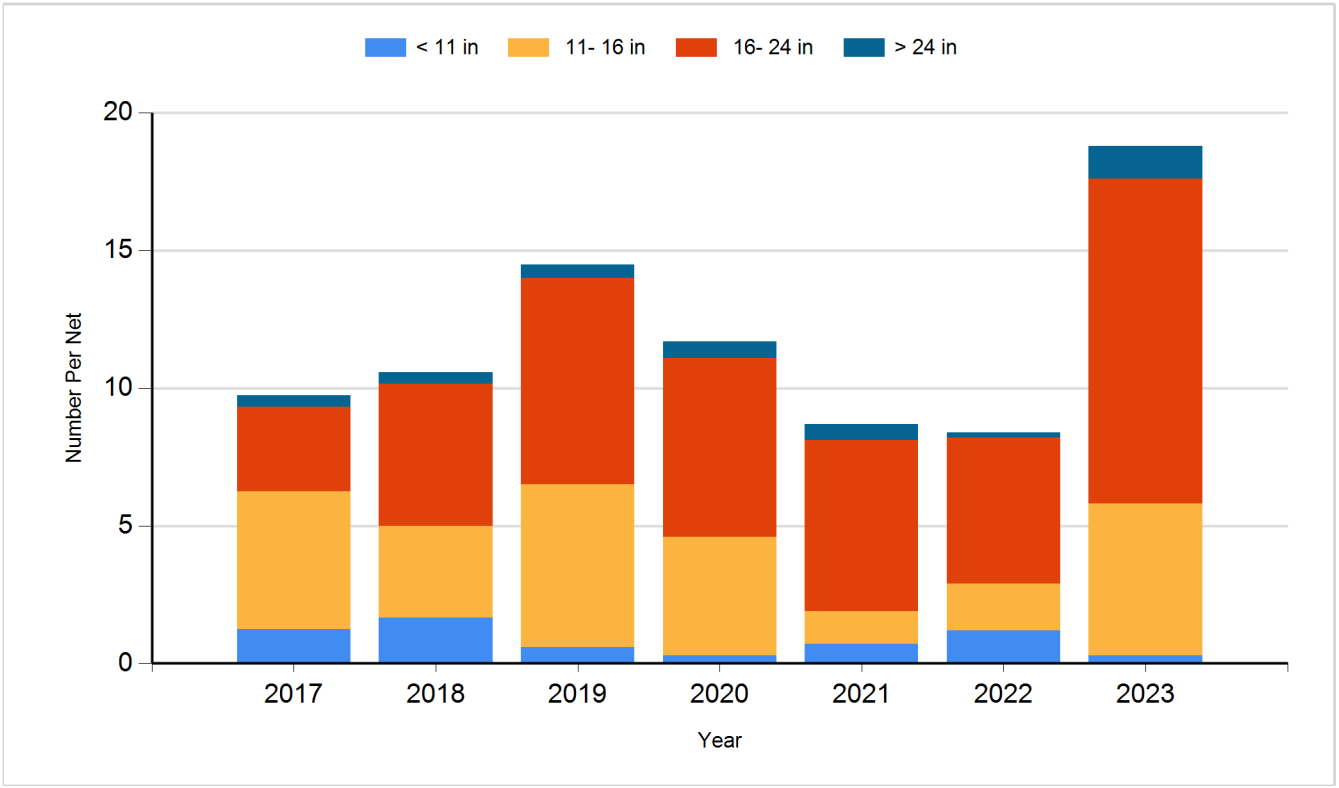
Species: Black Crappie
Gear: AFS std frame net



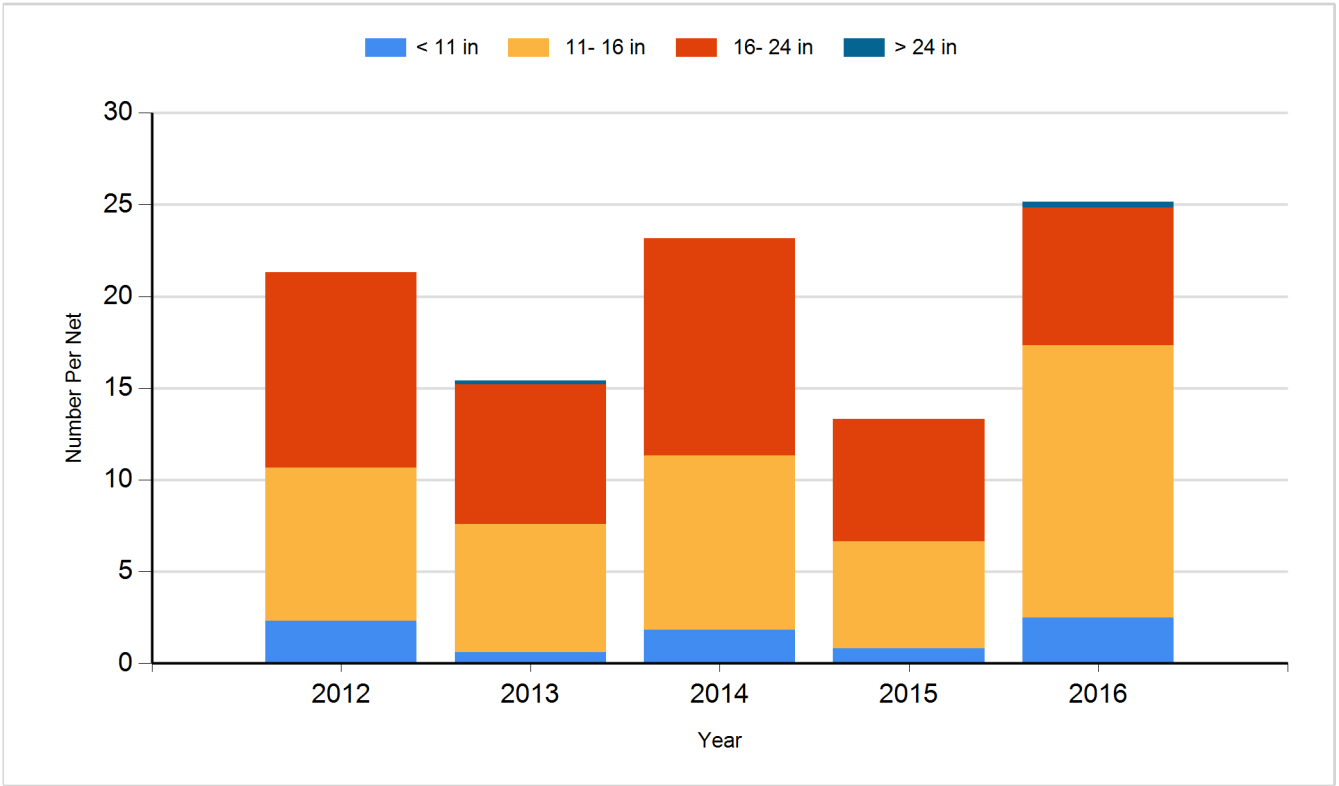
Species: Black Crappie
Gear: frame net (std 3/4 in)



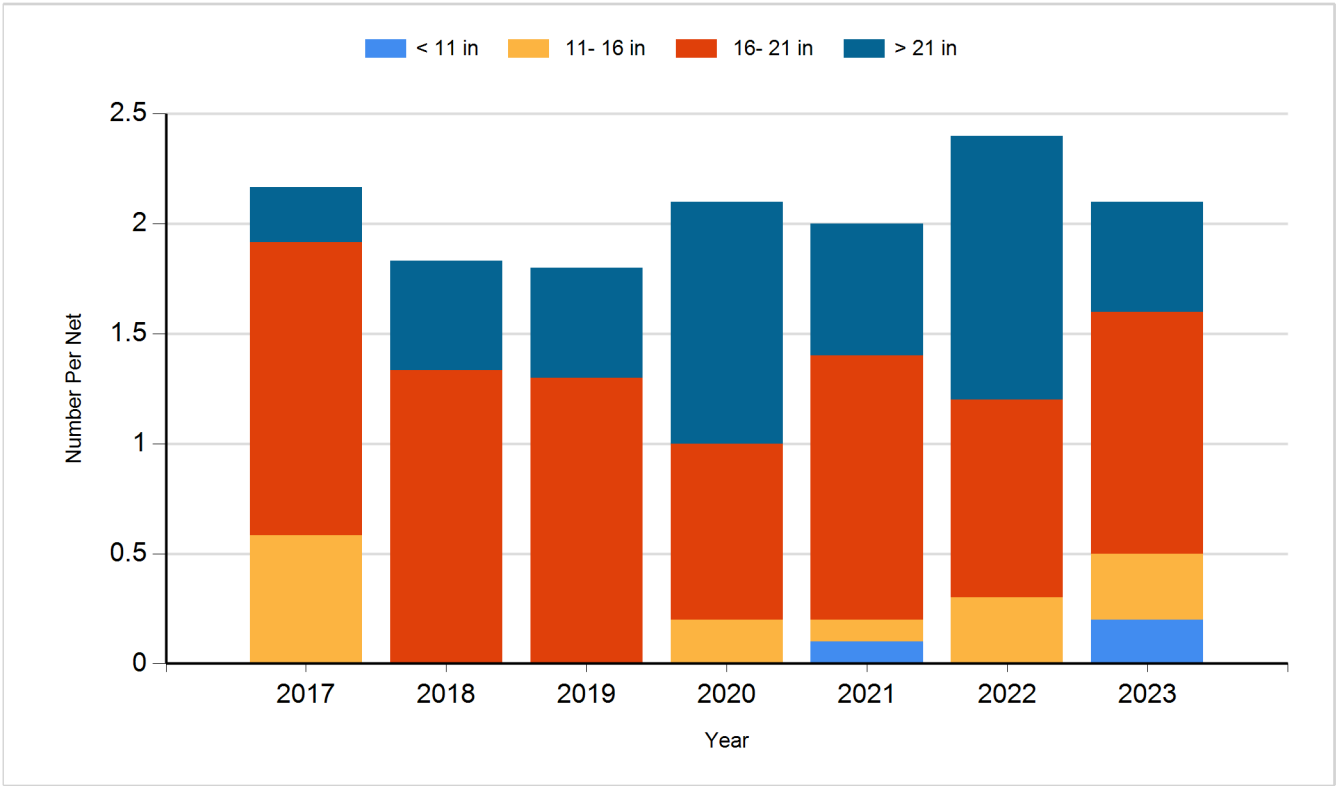
Species: Channel Catfish
Gear: AFS std gill net



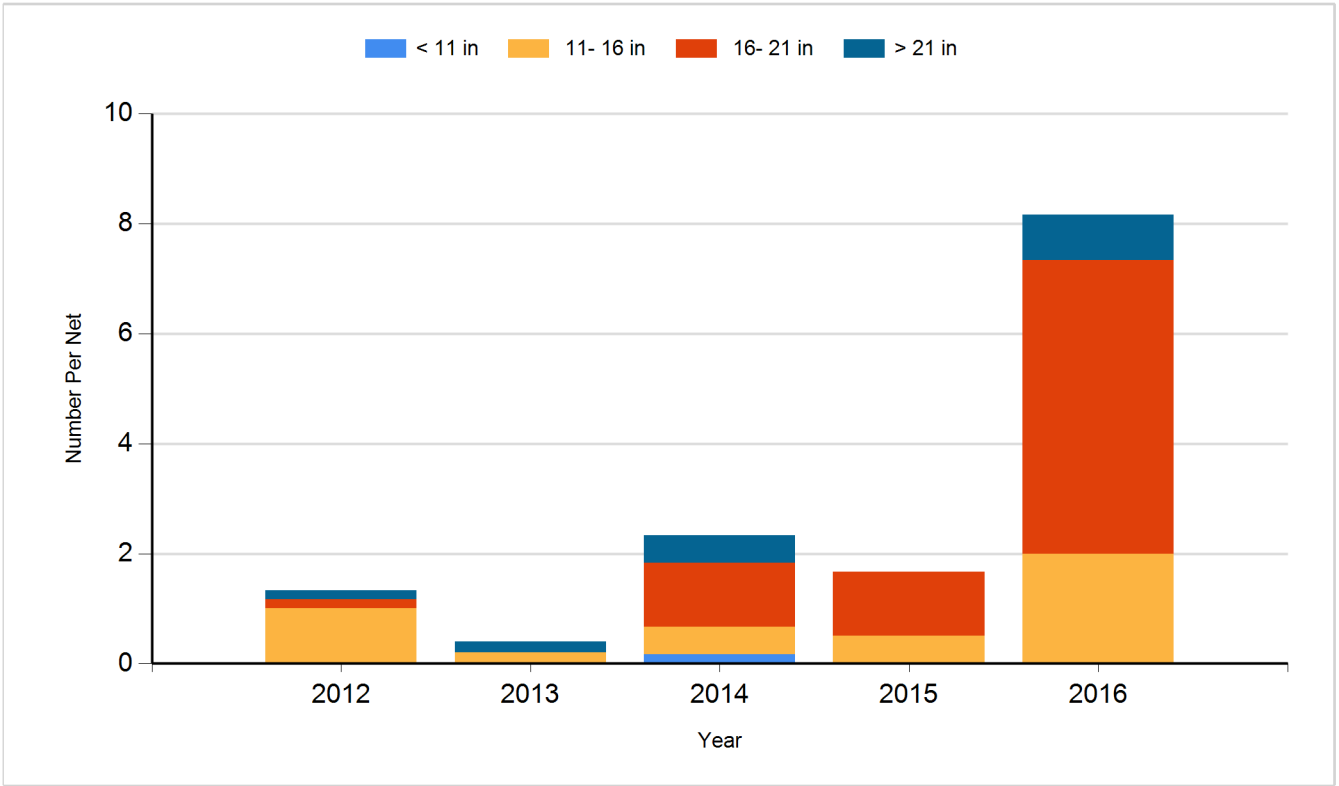
Species: Channel Catfish
Gear: std exp gill net



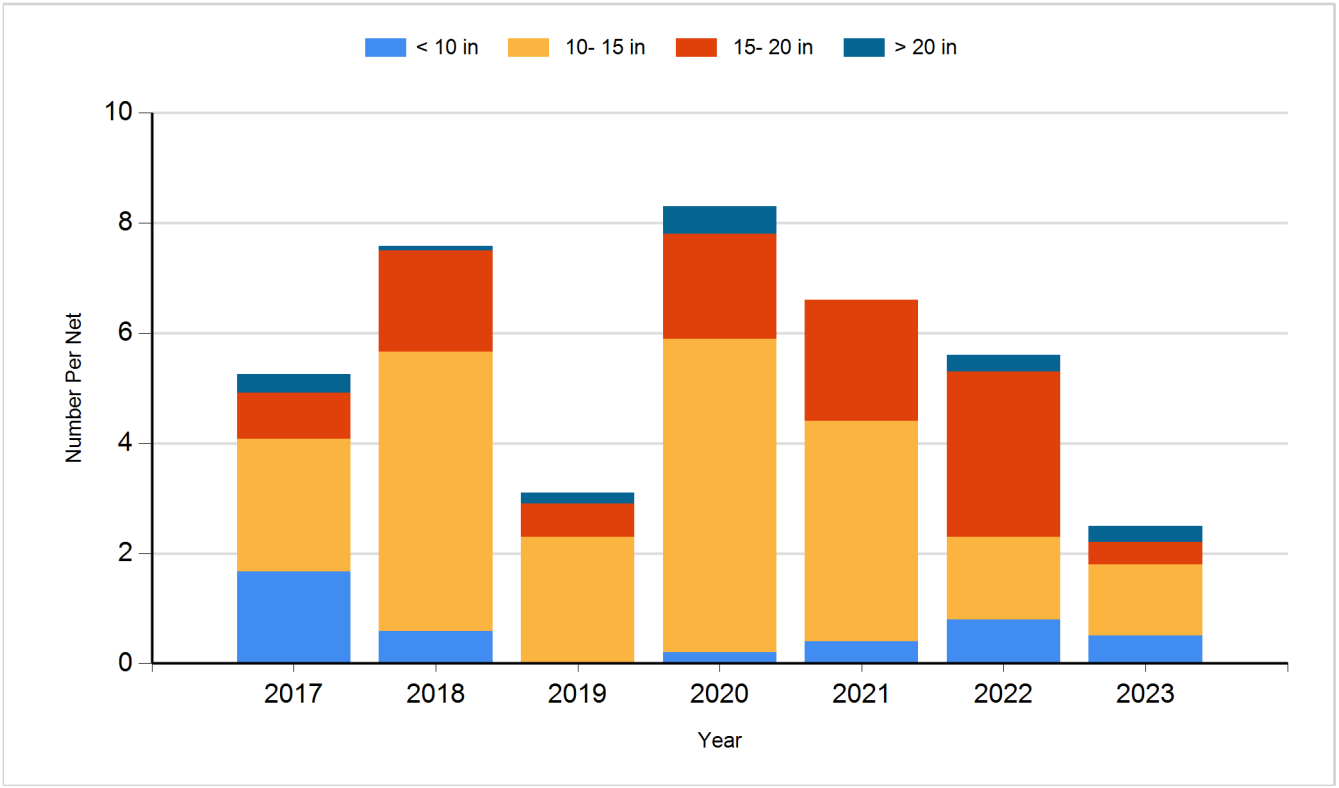
Species: Common Carp
Gear: AFS std gill net



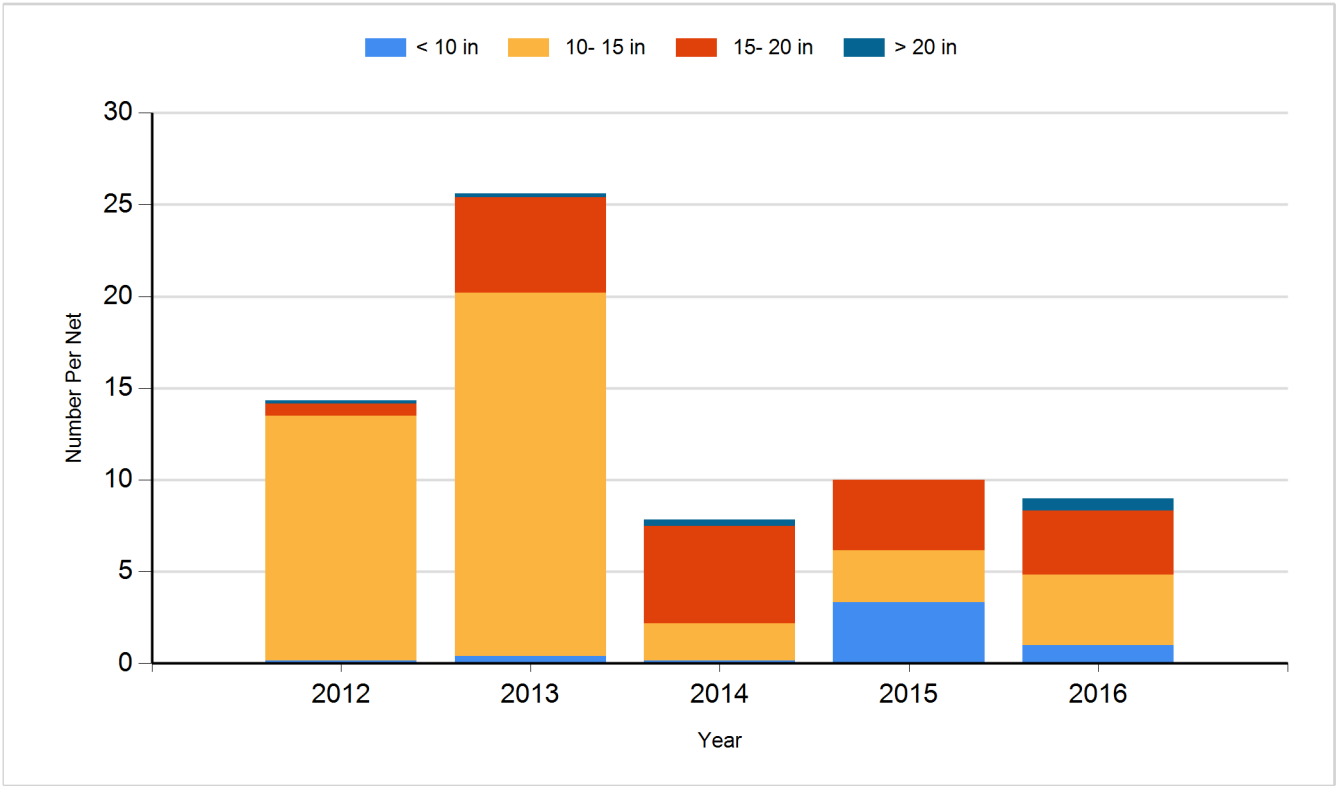
Species: Common Carp
Gear: std exp gill net



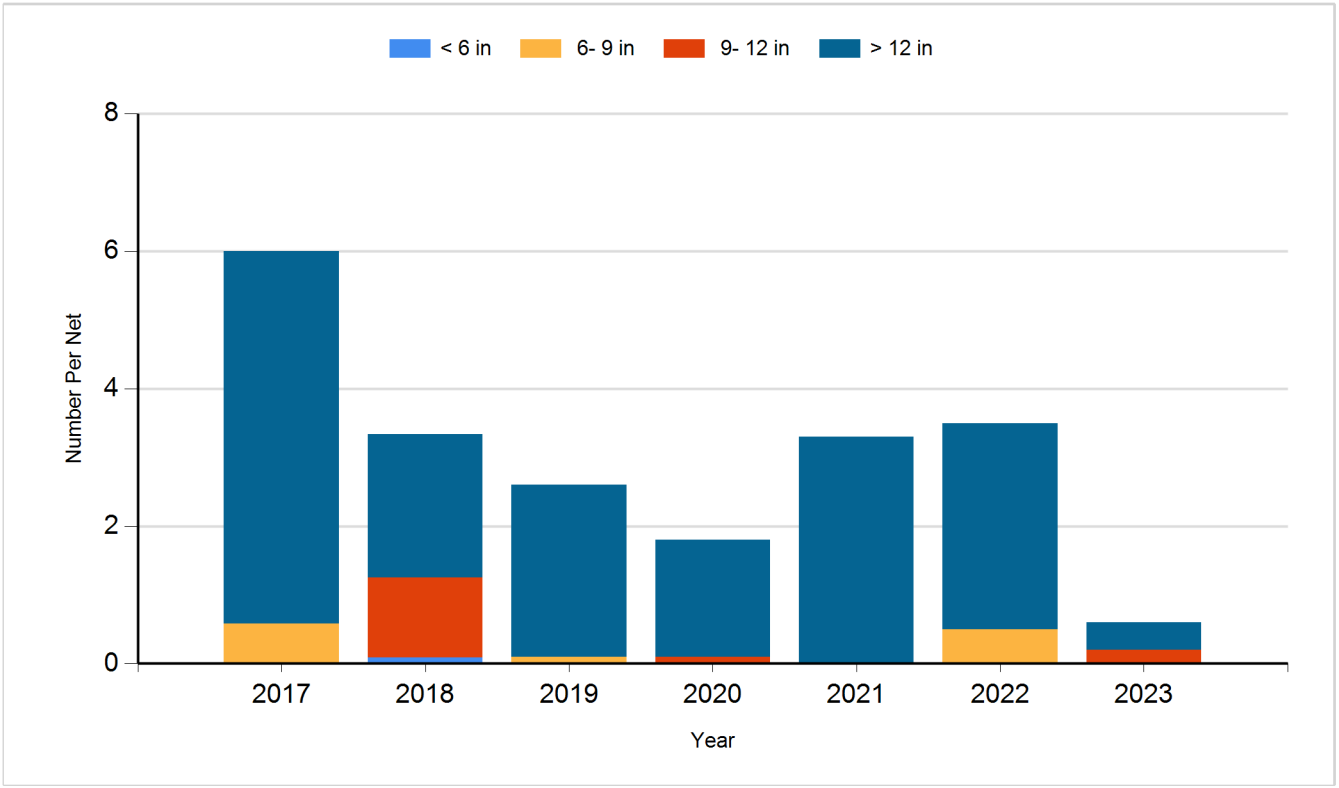
Species: Walleye
Gear: AFS std gill net



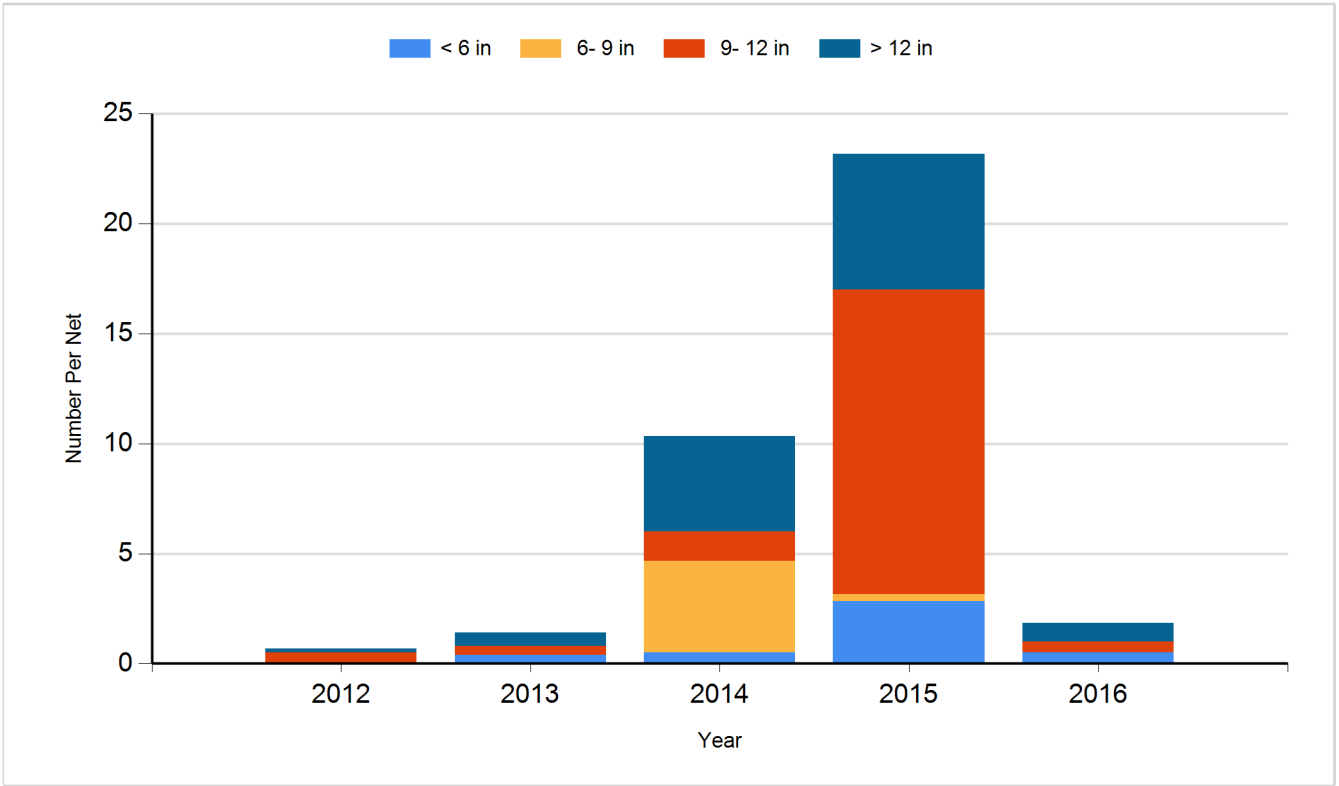
Species: Walleye
Gear: std exp gill net



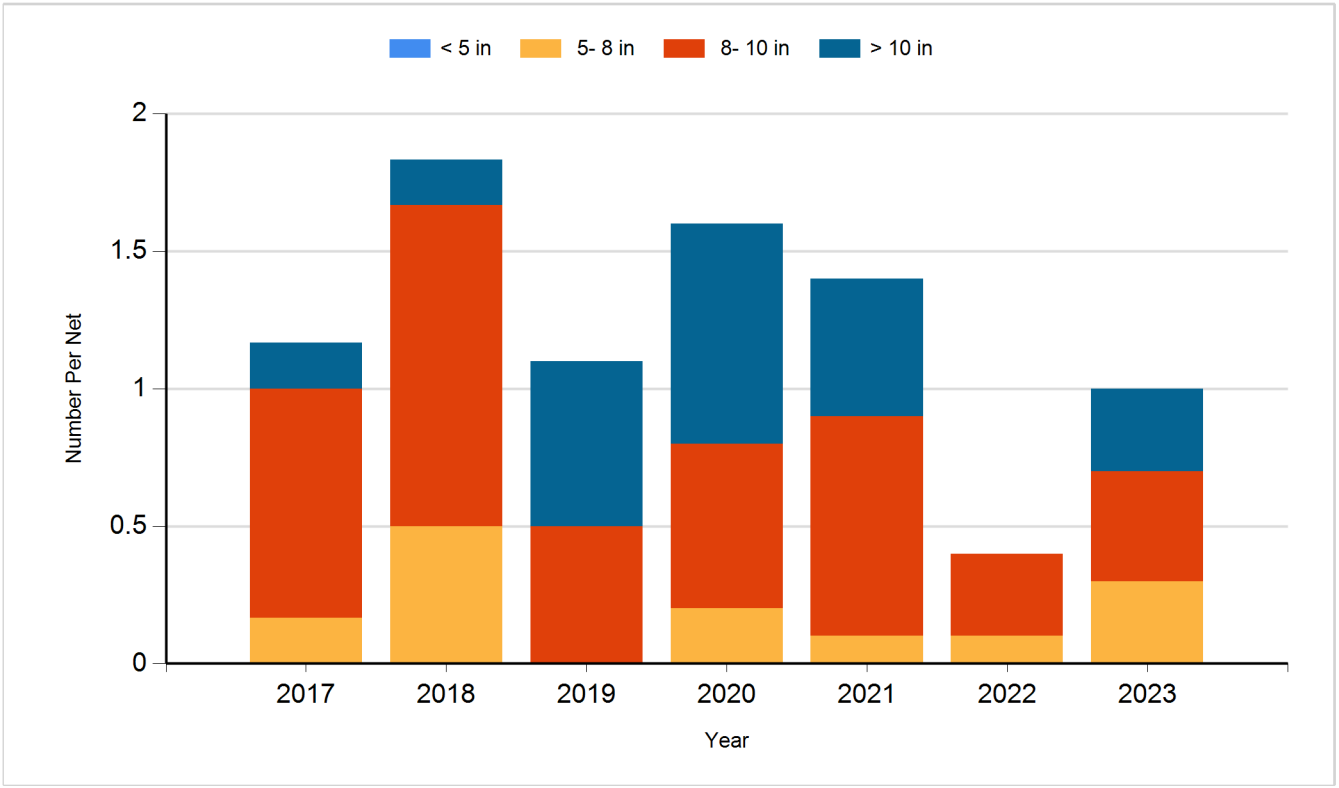
Species: White Bass
Gear: AFS std gill net



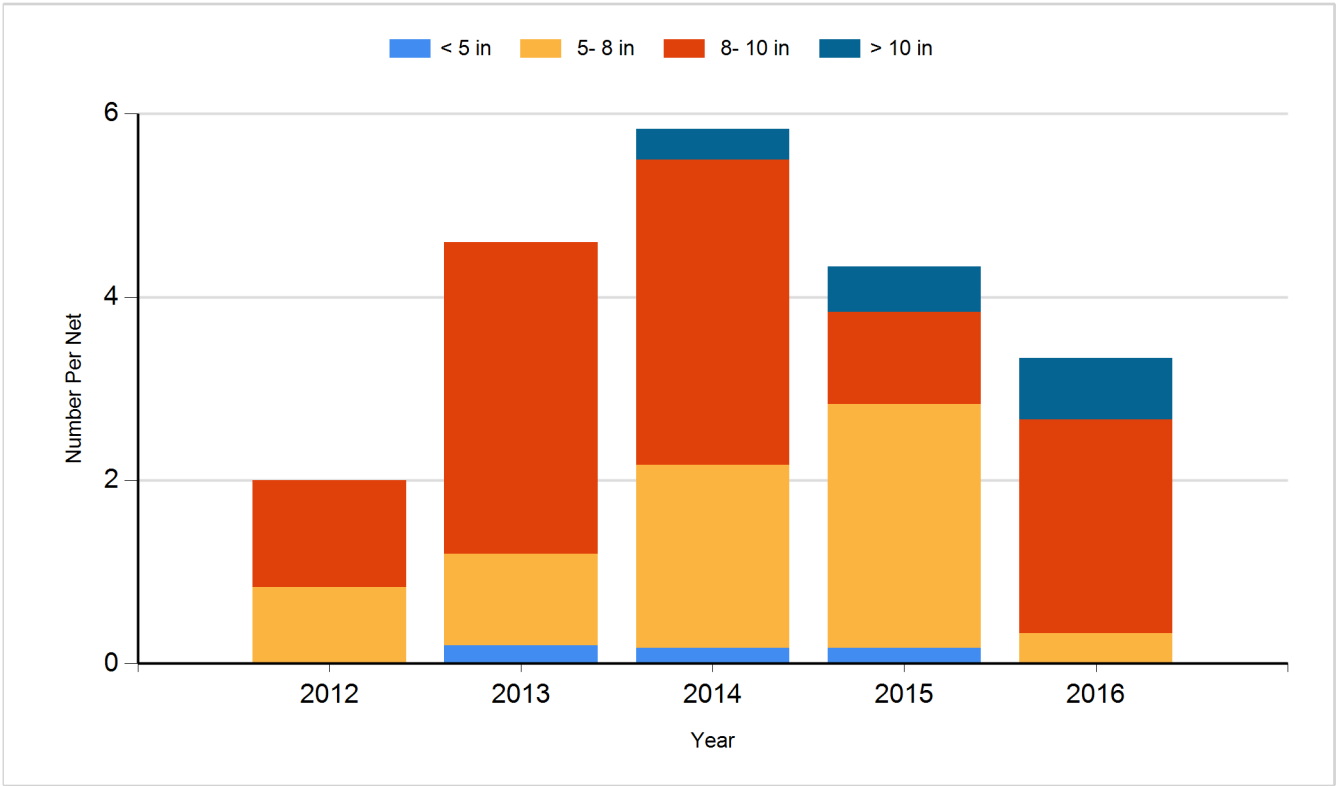
Species: White Bass
Gear: std exp gill net



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 (Shasta)	Fingerling	28,832
2012	Smallmouth Bass	Fingerling	30,173
2012	Walleye	Fry	6,000,000
2013	Gizzard Shad	Adult	100
2013	Walleye	Fingerling	112,275
2014	Gizzard Shad	Adult	373
2014	Walleye	Fry	5,000,000
2015	Walleye	Fry	4,700,000
2016	Walleye	Fry	5,000,000
2017	Walleye	Fry	5,000,000
2018	Gizzard Shad	Adult	113
2018	Walleye	Fry	6,900,000
2019	Gizzard Shad	Adult	355
2020	Gizzard Shad	Adult	120
2021	Gizzard Shad	Adult	113
2021	Walleye	Fry	6,000,000
2022	Gizzard Shad	Adult	200
2022	Walleye	Fry	6,000,000
2023	Gizzard Shad	Adult	450
2023	Walleye	Fry	389,000
2023	Walleye	Juvenile	302,377