

# SOUTH DAKOTA STATEWIDE FISHERIES SURVEY

Richmond, Brown County

UJA-Lake-831-800

2024

## Lake Information

<b>Name:</b>	Richmond	<b>Maximum Depth:</b>	23 Feet
<b>County:</b>	Brown	<b>Mean Depth:</b>	8 Feet
<b>Surface Area:</b>	741 Acres		

## Surveys and Investigations

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

Gear	Date	Effort
AFS std gill net	Jun 04, 2024	4 net-nights
AFS std gill net	Jun 05, 2024	4 net-nights
AFS std gill net	Jun 06, 2024	4 net-nights
fall night EF-WAE	Oct 02, 2024	2400 seconds
frame net (std 3/4 in)	Jun 04, 2024	6 net-nights
frame net (std 3/4 in)	Jun 05, 2024	6 net-nights
frame net (std 3/4 in)	Jun 06, 2024	5 net-nights

## **Common Fish Species Present**

Largemouth Bass

Walleye

Bluegill

Black Crappie

Black Bullhead

Yellow Perch

Common Carp

White Bass

Northern Pike

Channel Catfish

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## 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	Black Bullhead	246	17.9	3.5	6	2	0		95	1
	Black Crappie	8	0.4	0.4	80		20		101	4
	Channel Catfish	17	1.4	0.5	94		47	20	107	7
	Common Carp	47	3.9	0.9	89	7	21	9	99	1
	Northern Pike	30	2.5	0.6	67	13	23	12	96	2
	Walleye	41	3.4	1.2	56	12	17	9	95	1
	White Bass	3	0.1	0.1	100		100		107	
	Yellow Perch	26	2.2	0.9	27	14	8		88	2
frame net (std 3/4 in)	Black Bullhead	3279	185.6	38.3	59	1	0			
	Black Crappie	705	40.9	24.9	86	2	32	2	99	1
	Bluegill	517	30.4	9.9	55	3	10	2	112	1
	Channel Catfish	34	2.0	1.1	85	10	21	11	108	3
	Common Carp	21	1.2	0.8	100		57	17		
	Green Sunfish	4	0.2	0.2	50		0		104	
	Northern Pike	6	0.4	0.2	67		33			
	Sunfish Hybrid	3	0.2	0.1	100		33		115	
	Walleye	14	0.8	0.4	71		43	22	84	2
	White Bass	67	3.9	2.5	100		100		95	1
	White Sucker	1	0.1	0.1	100		100			
	Yellow Perch	111	6.5	2.8	15	5	8	4	81	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	
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
AFS std frame net	Black Bullhead		85.5	196.0									140.75
	Black Crappie		9.8	2.2									6.00
	Bluegill		4.8	10.6									7.70
	Channel Catfish		0.5	0.7									0.60
	Common Carp		1.0	0.4									0.70
	Northern Pike		0.3	0.4									0.35
	Walleye		2.4	1.4									1.90
	White Bass		6.4	6.7									6.55
	White Sucker		0.4	0.3									0.35
Yellow Perch		0.3	0.0									0.15	
AFS std gill net	Black Bullhead		42.5	28.8	16.2	14.0	26.9		6.0		17.9		21.76
	Black Crappie		0.6	0.1	0.2	1.3	0.3		0.1		0.4		0.43
	Bluegill		0.1	0.3	0.6	0.2	0.1		0.0		0.0		0.19
	Channel Catfish		2.2	0.9	0.4	1.3	0.4		0.0		1.4		0.94
	Common Carp		2.3	1.1	4.1	4.0	6.2		0.8		3.9		3.20
	Northern Pike		0.1	0.2	0.1	0.4	0.0		0.9		2.5		0.60
	Walleye		2.4	0.2	1.1	4.3	1.0		1.3		3.4		1.96
	White Bass		2.8	1.0	0.3	0.4	0.0		0.2		0.1		0.69
	White Sucker		0.0	0.1	0.0	0.1	0.3		0.0		0.0		0.07
Yellow Perch		1.8	8.3	5.0	15.8	18.9		1.0		2.2		7.57	
boat shocker (night)	Walleye*		10.5	36.0									23.25
fall night EF-WAE*	Walleye				109.0	112.5	3.0	70.8	209.1	1.5			84.32
frame net (std 3/4 in)	Black Bullhead	65.2			36.4	68.9	4.1		32.7		185.6		65.48
	Black Crappie	9.4			6.1	31.7	7.6		17.1		40.9		18.80
	Bluegill	17.9			36.5	20.0	9.3		3.7		30.4		19.63
	Channel Catfish	0.7			0.1	1.3	0.7		0.1		2.0		0.82
	Common Carp	0.6			0.7	1.1	2.8		0.8		1.2		1.20
	Green Sunfish	0.1			0.7	0.1	0.0		0.4		0.2		0.25
	Northern Pike	0.7			0.4	0.3	0.2		0.1		0.4		0.35
	Sunfish Hybrid	0.0			0.4	0.1	0.1		0.7		0.2		0.25
	Walleye	3.3			0.4	1.5	0.7		1.3		0.8		1.33
	Western Painted Turtle	0.0			0.0	0.0	0.0		0.0		0.0		0.00

		CPUE										
Gear	Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Avg
frame net (std 3/4 in)	White Bass	3.7			0.3	4.2	3.1		1.9		3.9	2.85
	White Sucker	0.2			0.3	0.2	0.1		0.3		0.1	0.20
	Yellow Perch	0.9			9.5	47.3	21.7		1.2		6.5	14.52
std exp gill net	Black Bullhead	51.6										51.60
	Black Crappie	1.0										1.00
	Bluegill	0.0										0.00
	Channel Catfish	0.2										0.20
	Common Carp	1.4										1.40
	Northern Pike	0.4										0.40
	Walleye	7.2										7.20
	White Bass	0.2										0.20
	White Sucker	0.2										0.20
	Yellow Perch	8.8										8.80

## 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											
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
AFS std frame net	Black Bullhead	PSD		76	63									
		PSD-P		0	0									
		Wr		90	98									
	Black Crappie	PSD		84	82									
		PSD-P		24	26									
		Wr		107	102									
	Bluegill	PSD		97	91									
		PSD-P		38	15									
		Wr		119	121									
	Channel Catfish	PSD		100	100									
		PSD-P		78	50									
		Wr		94	90									
	Common Carp	PSD		100	75									
		PSD-P		83	63									
		Wr		91	101									
	Northern Pike	PSD		67	100									
		PSD-P		17	57									
		Wr		79	80									
	Walleye	PSD		16	28									
		PSD-P		2	12									
		Wr		83	79									
White Bass	PSD		93	99										
	PSD-P		43	56										
	Wr		88	91										
Yellow Perch	PSD		40											
	PSD-P		0											
	Wr		102											
AFS std gill net	Black Bullhead	PSD		41	75	29	14	7		19		6		
		PSD-P		0	0	0	0	0		0		0		
		Wr		98	93	95	95	92		101		95		
	Black Crappie	PSD		57	100	0	6	75		100		80		
		PSD-P		29	100	0	6	0		0		20		
		Wr		112	100	132	115	109		106		101		



Gear	Species	Index	Year										
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
AFS std gill net	Bluegill	PSD		100	100	14	100	100					
		PSD-P		0	67	14	0	0					
		Wr		140	132	125	116	119					
	Channel Catfish	PSD		92	100	100	100	100					94
		PSD-P		54	45	100	73	100					47
		Wr		109	110	102	98	93					107
	Common Carp	PSD		96	54	16	46	16			80		89
		PSD-P		15	38	12	8	1			10		21
		Wr		95	99	102	93	91			96		99
	Northern Pike	PSD		100	100	0	80				91		67
		PSD-P		0	100	0	20				9		23
		Wr		88	77	94	91				91		96
	Walleye	PSD		52	0	15	29	42			93		56
		PSD-P		3	0	8	2	17			7		17
		Wr		87	83	95	86	82			99		95
	White Bass	PSD		91	100	100	80				100		100
		PSD-P		0	75	100	0				0		100
		Wr		92	93	109	97				95		107
	Yellow Perch	PSD		82	57	80	6	45			83		27
		PSD-P		50	21	10	1	0			0		8
		Wr		102	106	103	102	100			99		88
boat shocker (night)	Walleye	PSD		0	0								
		PSD-P		0	0								
		Wr		94	94								
frame net (std 3/4 in)	Black Bullhead	PSD	91			44	44	27			66		59
		PSD-P	0			0	0	0			0		0
		Wr	91			85	88	83			97		
	Black Crappie	PSD	96			32	14	58			93		86
		PSD-P	5			7	3	1			28		32
		Wr	100			123	110	104			99		99
	Bluegill	PSD	96			50	60	95			68		55
		PSD-P	65			7	2	4			38		10
		Wr	113			115	111	112			114		112
	Channel Catfish	PSD	69			100	88	46			100		85
		PSD-P	0			50	58	31			0		21
		Wr	95			84	101	104			114		108

Gear	Species	Index	Year									
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
frame net (std 3/4 in)	Common Carp	PSD	73			25	60	31		100		100
		PSD-P	55			8	40	12		40		57
		Wr	91			96	88	89		95		
	Northern Pike	PSD	58			100	50	33		100		67
		PSD-P	33			43	17	33		0		33
		Wr	87			83	87	81		92		
	Walleye	PSD	5			14	7	8		74		71
		PSD-P	0			14	0	8		0		43
		Wr	90			93	86	74		90		84
	White Bass	PSD	100			100	93	100		100		100
		PSD-P	95			100	32	85		100		100
		Wr	90			107	98	86		91		95
	Yellow Perch	PSD	100			77	41	66		59		15
		PSD-P	41			25	15	0		5		8
		Wr	100			93	91	90		101		81
std exp gill net	Black Bullhead	PSD	76									
		PSD-P	0									
		Wr	92									
	Black Crappie	PSD	60									
		PSD-P	40									
		Wr	121									
	Channel Catfish	PSD	100									
		PSD-P	100									
		Wr	97									
	Common Carp	PSD	57									
		PSD-P	29									
		Wr	89									
	Northern Pike	PSD	50									
		PSD-P	0									
		Wr	88									
	Walleye	PSD	17									
		PSD-P	0									
		Wr	93									
	White Bass	PSD	100									
		PSD-P	100									
		Wr	94									
Yellow Perch	PSD	93										

Gear	Species	Index	Year										
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
std exp gill net	Yellow Perch	PSD-P	30										
		Wr	111										

## Length at Capture

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

Species: Black Crappie

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2024	582		175 (86)	221 (274)	254 (73)	275 (5)	283 (138)	294 (6)			
2022	296	108 (4)	184 (24)	221 (30)	244 (217)	242 (15)			277 (6)		
2020	136	145 (1)	201 (133)	239 (1)					293 (1)		
2019	563	162 (493)	218 (51)	257 (8)	267 (12)						
2018	109	169 (74)	222 (11)	241 (18)	269 (2)	264 (1)		275 (3)			
2017	39		195 (10)	225 (11)	240 (2)		251 (11)	258 (6)			
2016	176	157 (17)	203 (46)	228 (8)	250 (7)	247 (76)	244 (20)			234 (3)	
2015	168	136 (4)	201 (6)	234 (19)	231 (114)	242 (26)					

Species: Bluegill

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2024	459		145 (345)	171 (66)	184 (48)						
2022	66		145 (38)		202 (12)	213 (15)	222 (1)				
2020	167		162 (58)	185 (107)	206 (2)						
2019	360	105 (59)	153 (264)	182 (32)	205 (5)						
2018	657	121 (291)	160 (290)	198 (43)	211 (25)	217 (4)		233 (4)			
2017	190	111 (15)	166 (91)	191 (64)	208 (10)	227 (2)	217 (2)	213 (6)			
2016	87		163 (24)	183 (36)	220 (4)	223 (18)	220 (4)	232 (2)			
2015	322	98 (8)	162 (56)	182 (14)	206 (160)	219 (24)	218 (20)	216 (41)			

Species: Walleye

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2024	40		361 (24)	478 (7)		505 (5)	539 (4)	523 (1)			
2022	15			389 (11)	477 (2)	519 (2)					
2020	21	231 (9)	297 (7)	488 (4)	552 (1)						

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2019	52	294 (37)	419 (9)	462 (4)				482 (1)		574 (1)	
2018	13	305 (10)	376 (2)					571 (1)			
2017	3	217 (1)		282 (1)	378 (1)						
2016	31		272 (10)	348 (7)	411 (4)	435 (9)	531 (1)				
2015	51	234 (21)	300 (14)	335 (6)	348 (6)	410 (3)		489 (1)			

Species: Yellow Perch

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2024	26		165 (19)	227 (1)	238 (5)		276 (1)				
2022	12		178 (2)	224 (1)	229 (9)						
2020	227	150 (4)	198 (220)	232 (2)	243 (1)						
2019	190	156 (179)	209 (3)	240 (8)							
2018	60	166 (3)	216 (40)	239 (9)		256 (5)		249 (2)		293 (1)	
2017	100	166 (42)	225 (29)	195 (1)	254 (15)		273 (11)	295 (1)	275 (1)		
2016	22	168 (3)	174 (1)	242 (6)	238 (2)	275 (7)	274 (3)				
2015	44		205 (8)	216 (6)	240 (27)	272 (1)	272 (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).

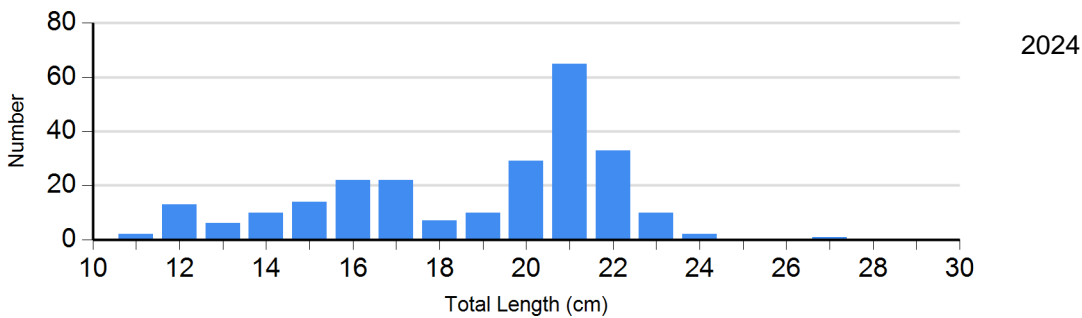
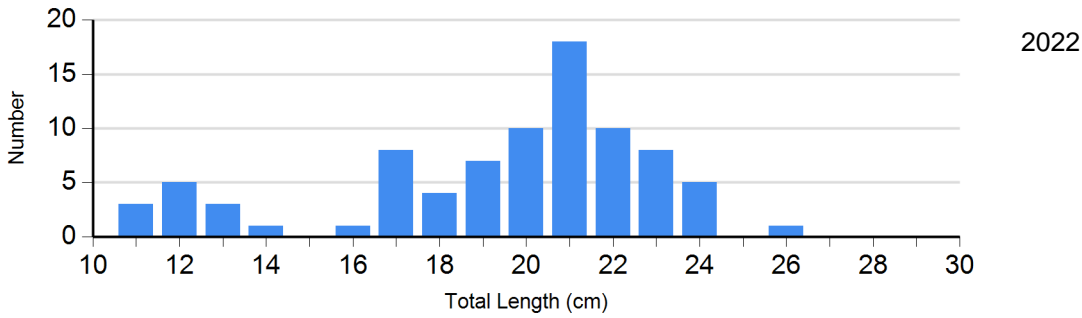
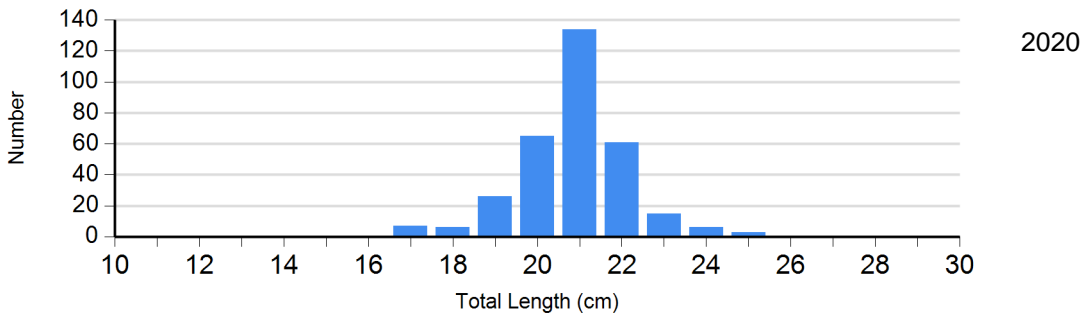
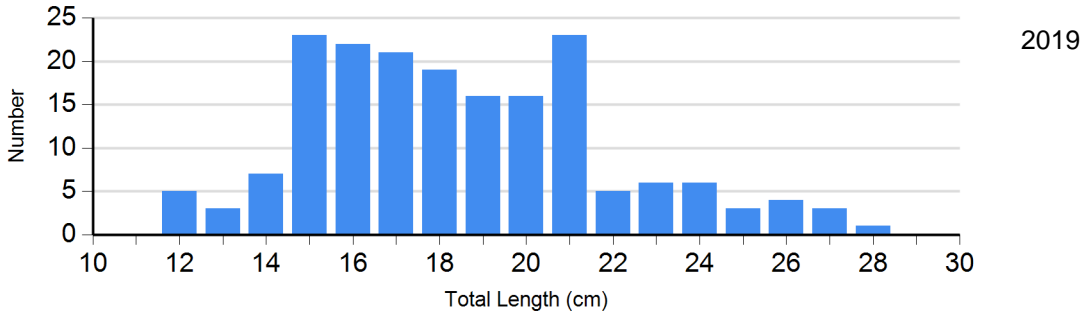
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Black Bullhead Gill Net	2020	299	92 (0.6)	24	88 (1.5)	0		0	
	2022	58	101 (1.8)	14	103 (3.1)	0		0	
	2024	202	95 (0.8)	13	87 (1.4)	0		0	
Black Crappie Frame Net	2020	57	106 (2.5)	78	103 (0.6)	1	87	0	
	2022	23	115 (2.1)	197	98 (0.5)	84	97 (0.9)	3	
	2024	100	115 (1.5)	374	102 (0.6)	202	92 (0.6)	20	86 (1.9)
Bluegill Frame Net	2020	8	114 (2.5)	153	112 (1.0)	6	112 (5.0)	0	
	2022	21	115 (3.6)	20	113 (3.9)	25	115 (2.0)	0	
	2024	232	110 (1.8)	231	113 (1.3)	54	101	0	
Channel Catfish Gill Net	2020	0		0		2	98	3	88
	2024	1	90	8	123	7		1	
Common Carp Gill Net	2020	62	91 (0.6)	11	91 (1.6)	0		1	82
	2022	2	101 (0.1)	7	95 (4.1)	1	98	0	
	2024	5	101 (3.0)	32	100 (0.8)	8	96 (2.8)	2	92
Northern Pike Gill Net	2022	1	81	9	92 (2.0)	1	91	0	
	2024	10	96 (3.2)	13	97 (2.1)	7	96 (1.7)	0	
Walleye Gill Net	2020	7	78 (1.4)	3	86 (2.7)	2	87 (4.1)	0	
	2022	1	227	13	90 (1.0)	1	89	0	
	2024	18	91 (1.4)	16	99 (1.4)	6	100 (2.0)	1	
White Bass Gill Net	2022	0		2	95 (2.5)	0		0	
	2024	0		0		0		1	107
Yellow Perch Gill Net	2020	125	101 (0.6)	102	98 (0.8)	0		0	
	2022	2	104 (7.5)	10	98 (2.5)	0		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	2024	19	89 (1.7)	5	87 (4.3)	2	81 (2.9)	0	

# Length Frequency Distribution

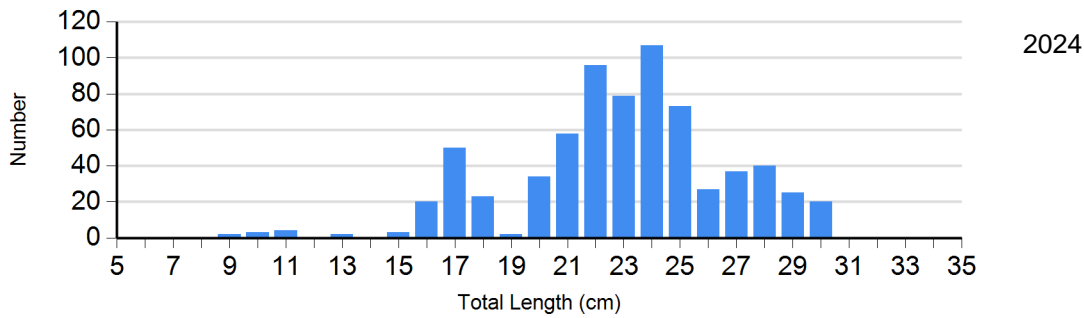
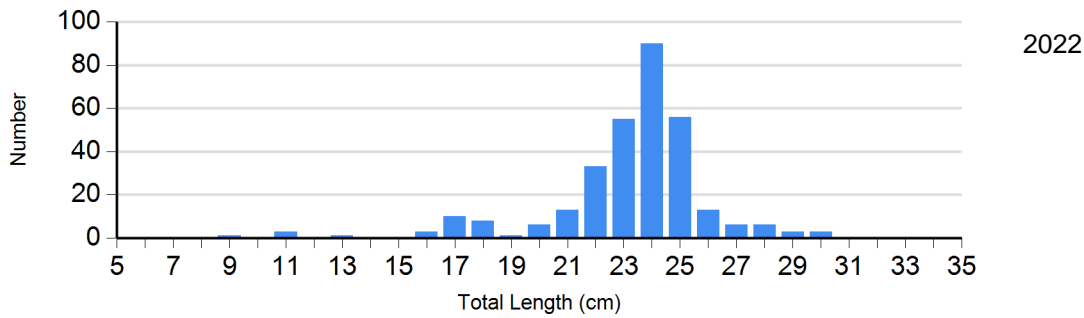
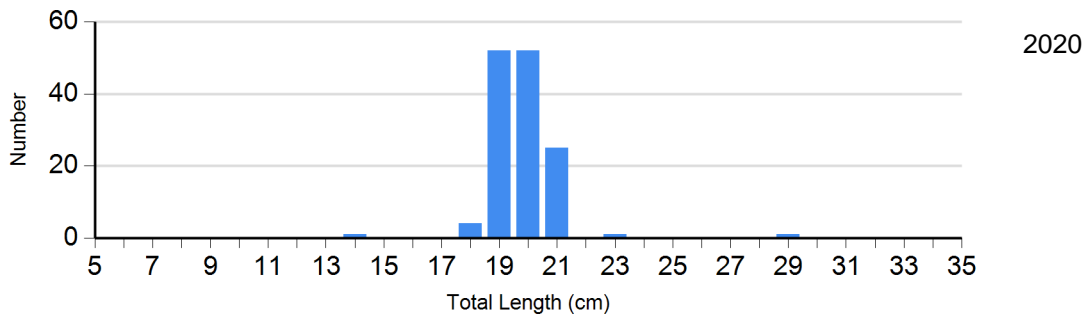
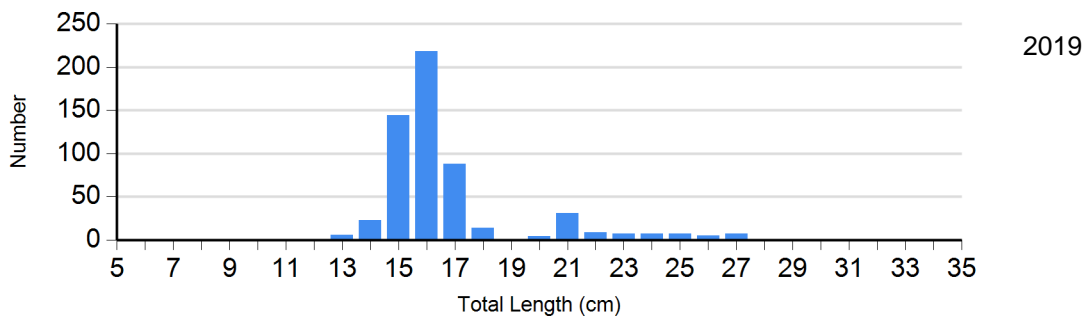
Length frequency histogram of species sampled by year.

Species: Black Bullhead  
Gear: AFS std gill net

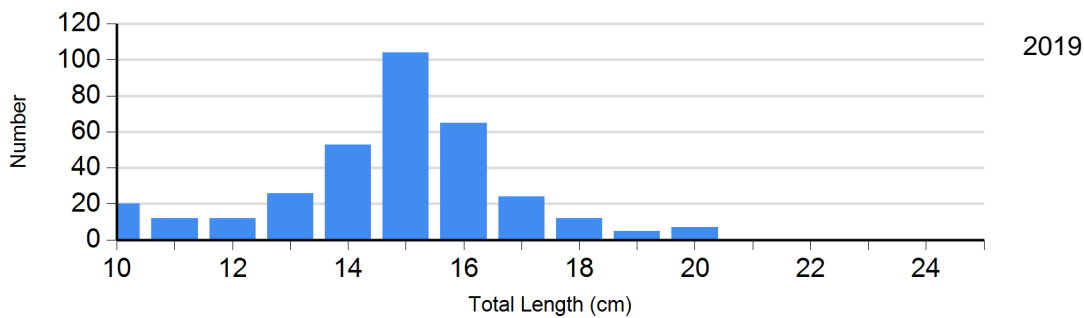


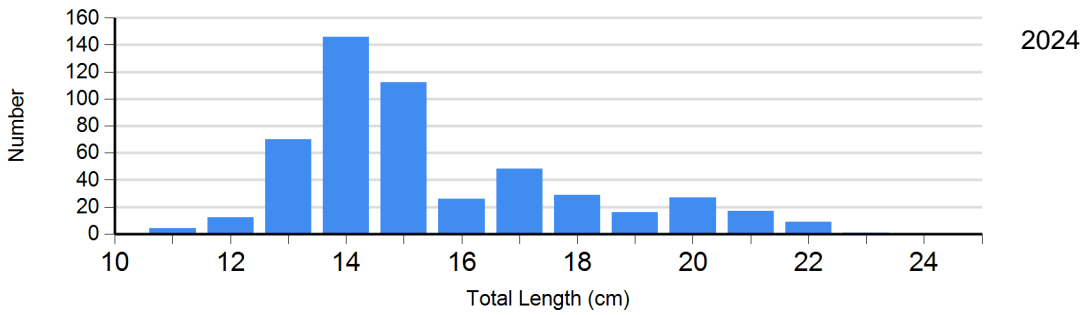
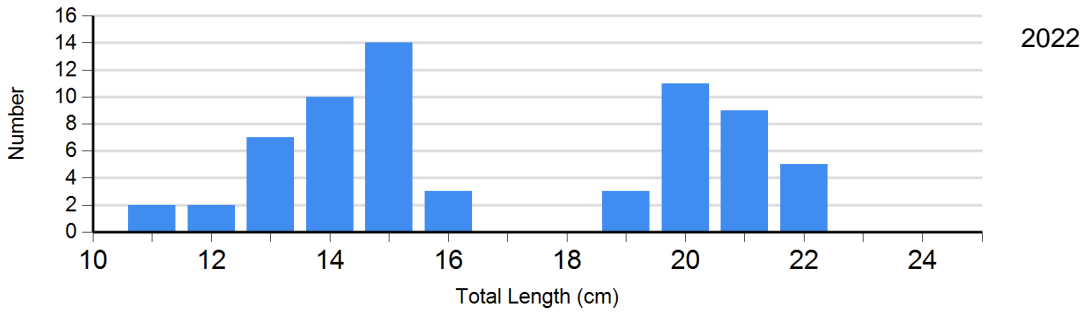
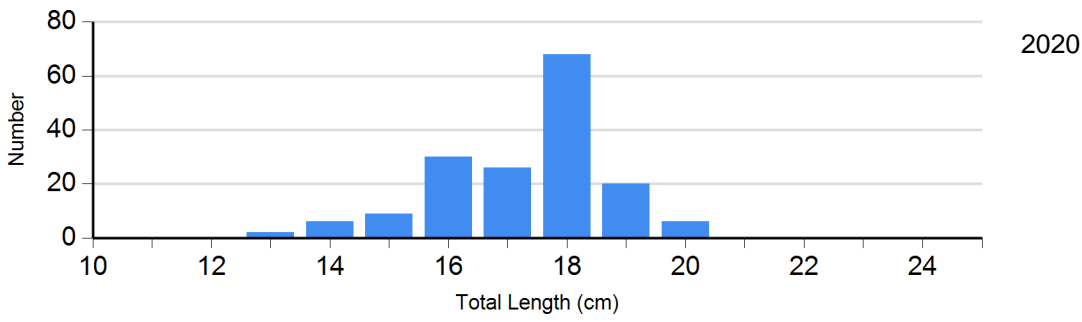


Species: Black Crappie  
Gear: frame net (std 3/4 in)

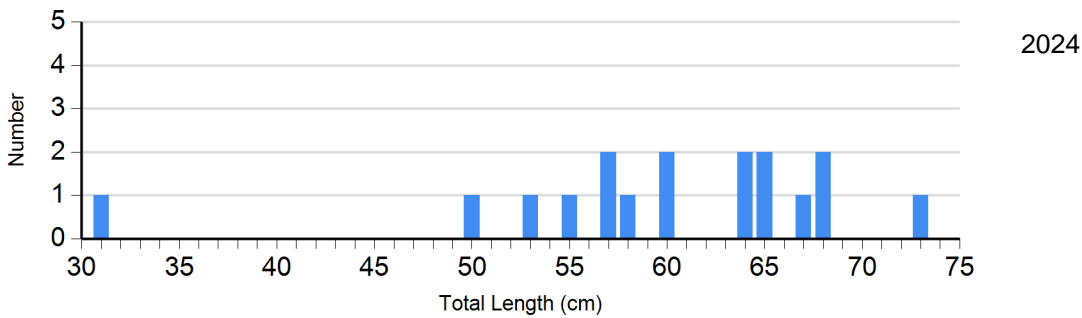
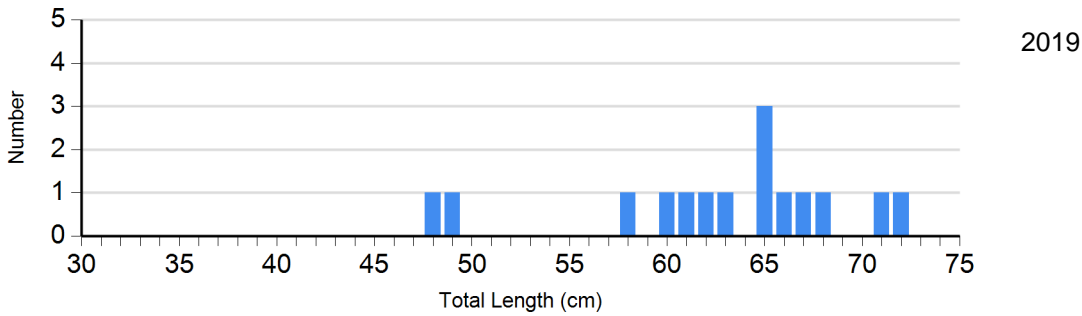


Species: Bluegill  
Gear: frame net (std 3/4 in)

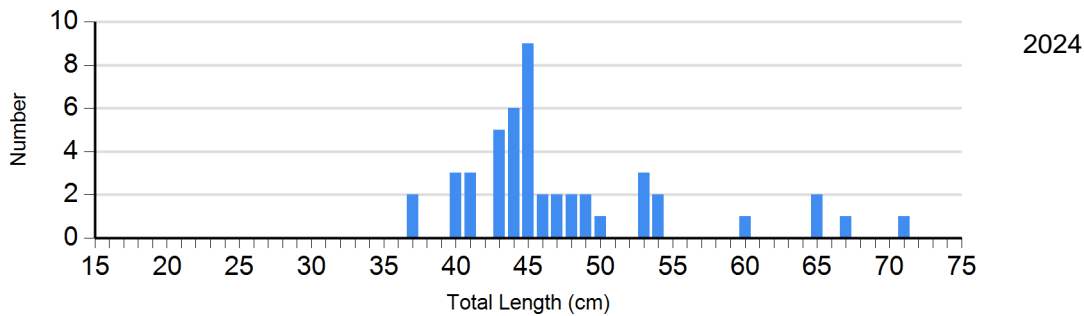
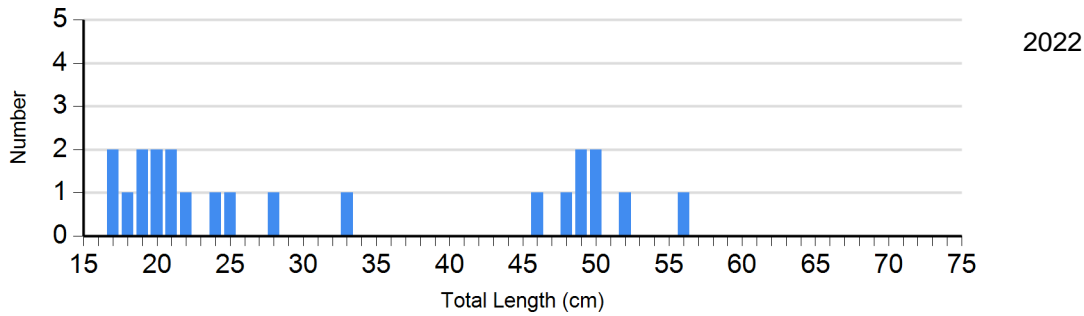
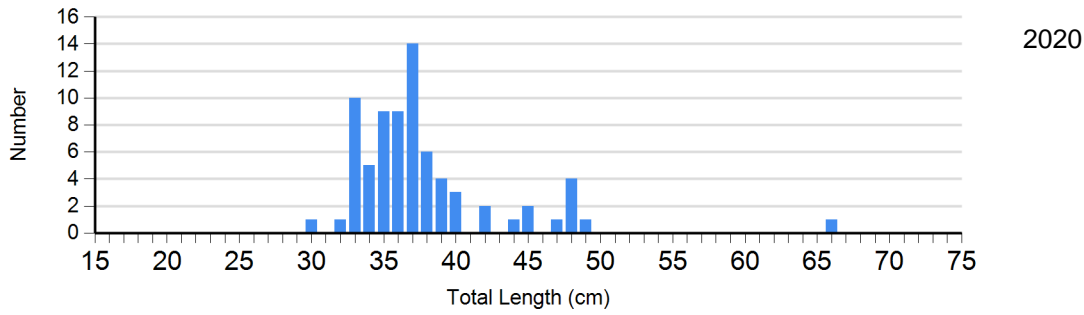
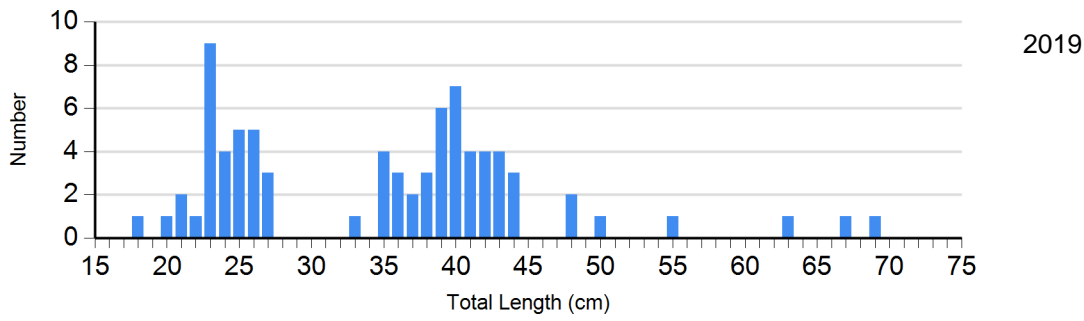




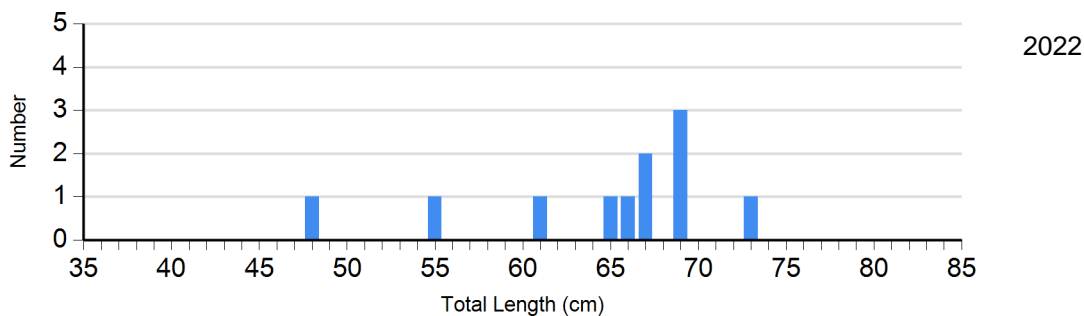
Species: Channel Catfish  
 Gear: AFS std gill net

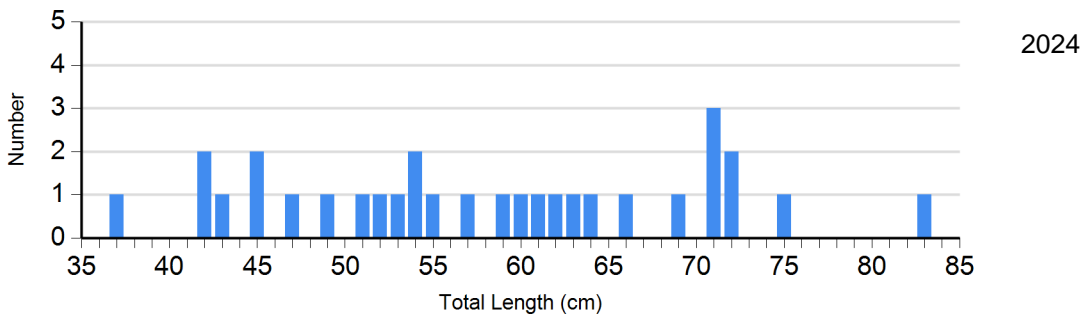


Species: Common Carp  
 Gear: AFS std gill net

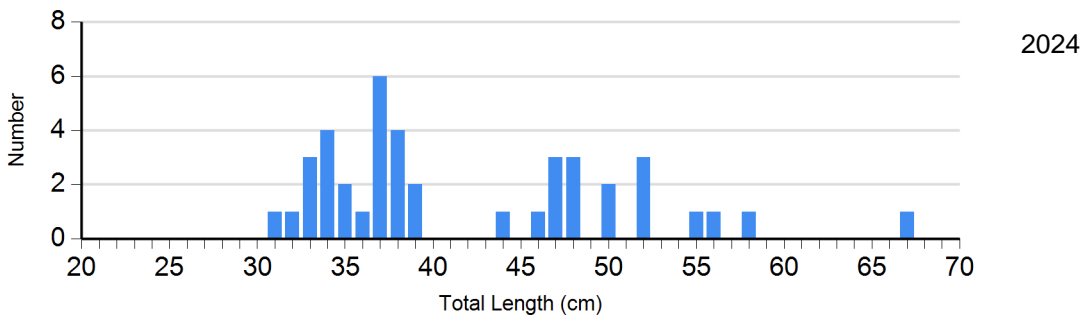
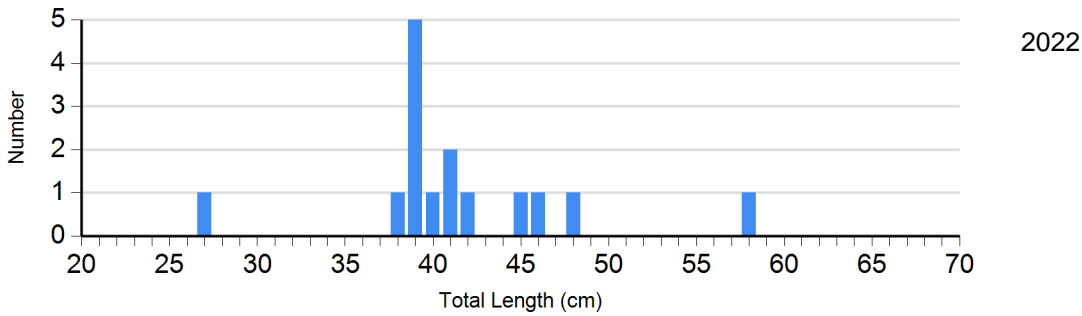
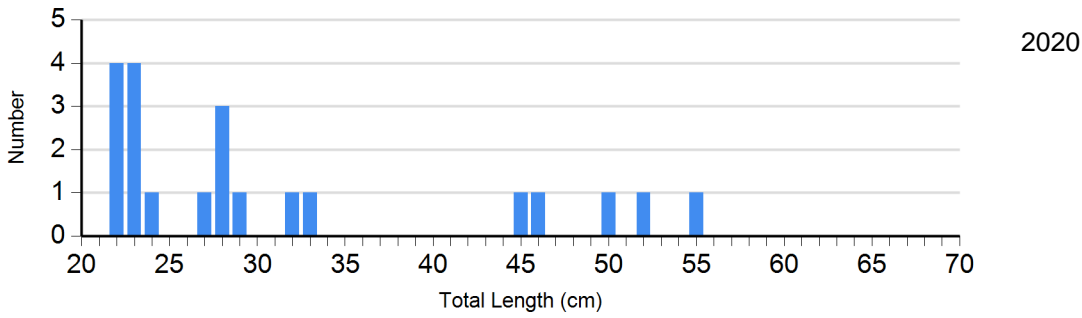
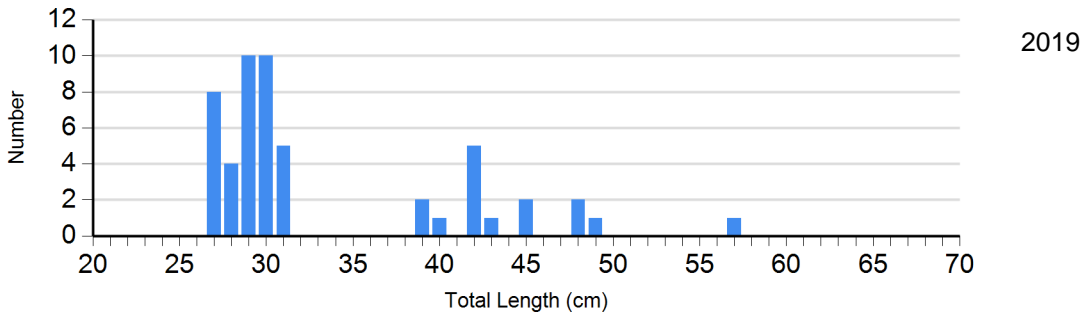


Species: Northern Pike  
 Gear: AFS std gill net

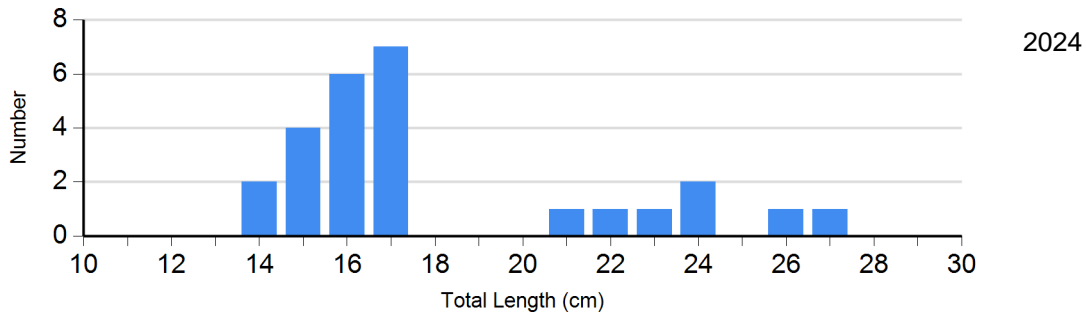
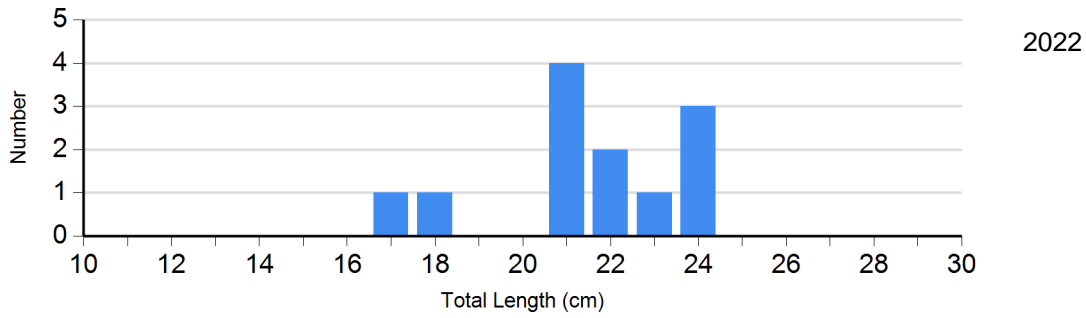
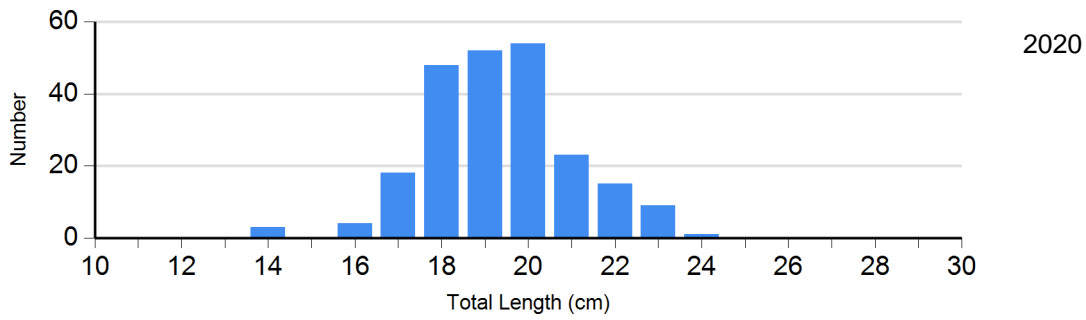
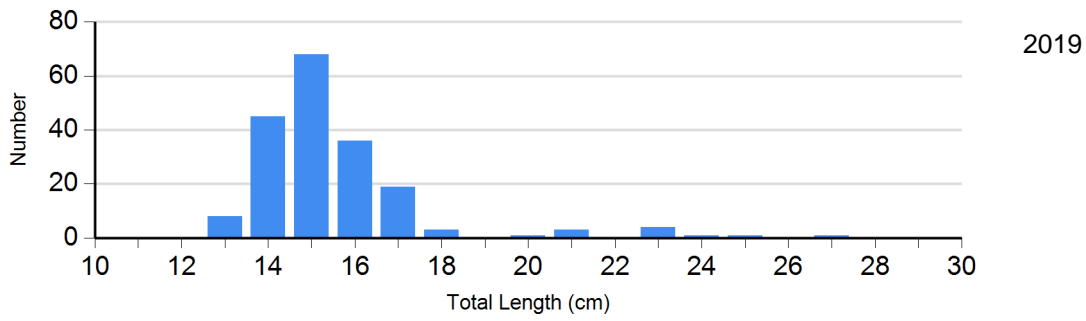




Species: Walleye  
Gear: AFS std gill net



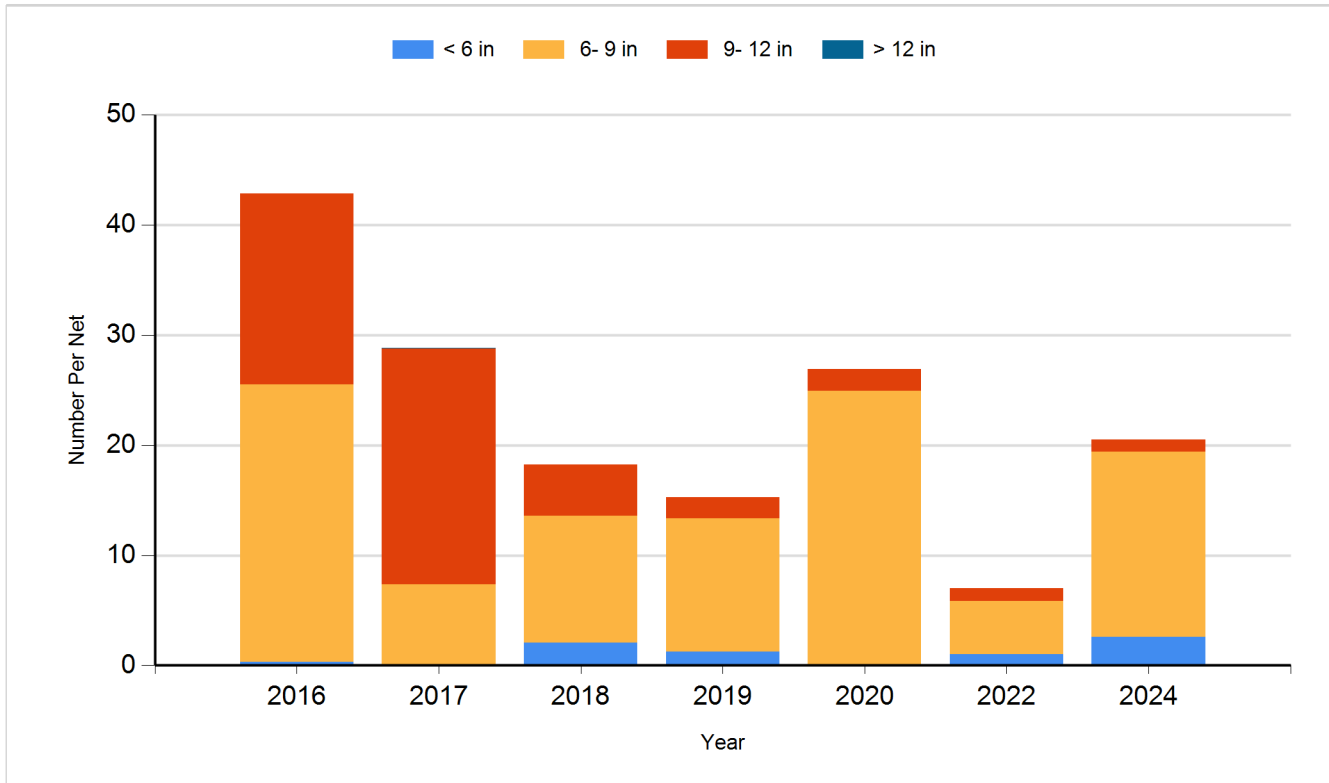
Species: Yellow Perch  
Gear: AFS std gill net



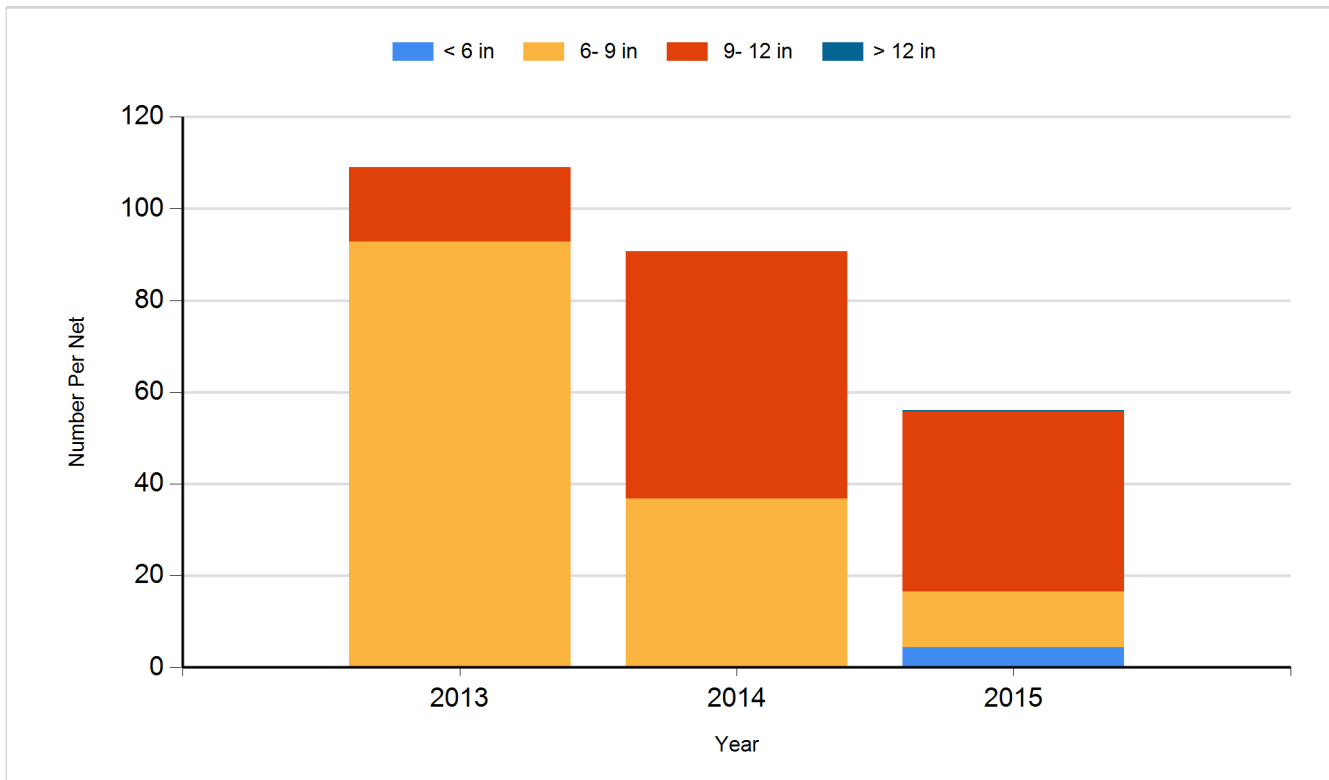
## Historic Fish Sizes and Relative Abundance

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

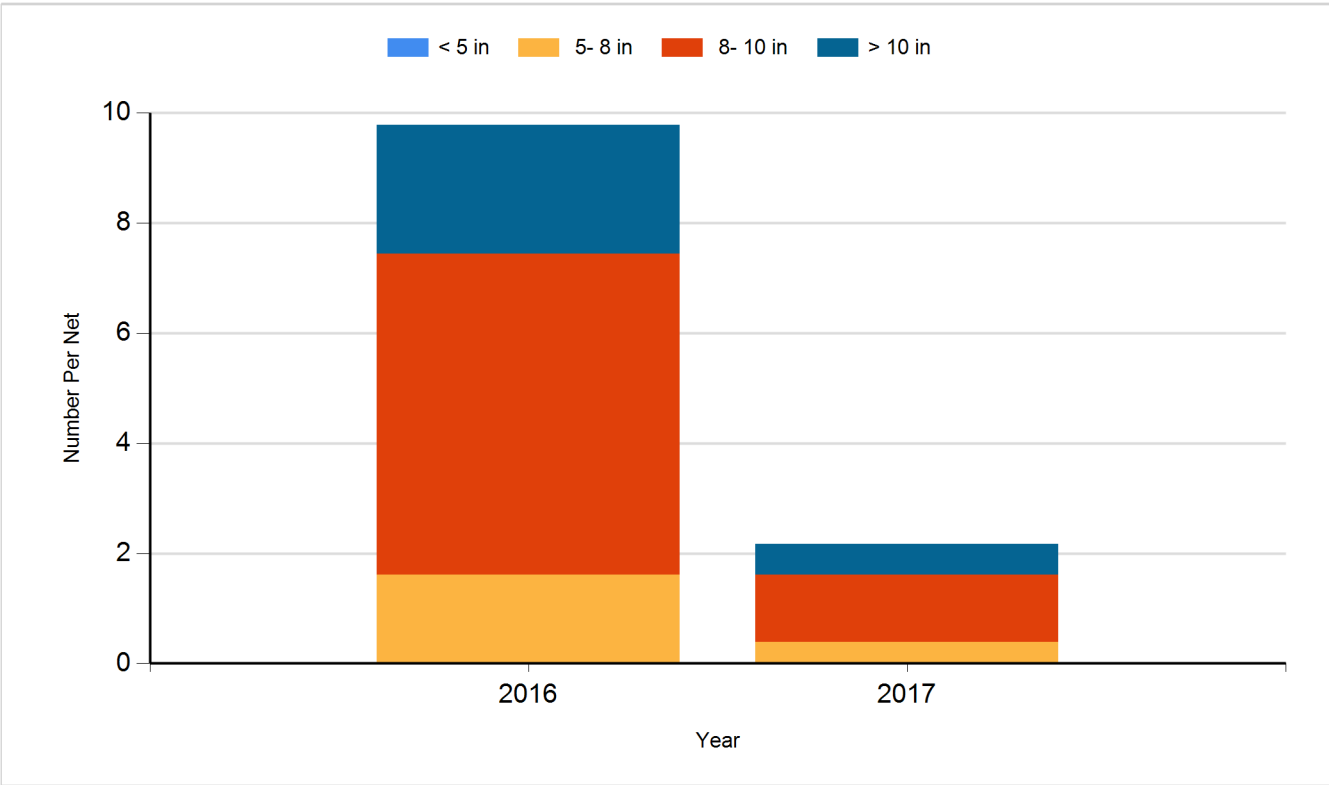
Species: Black Bullhead  
Gear: AFS std gill net



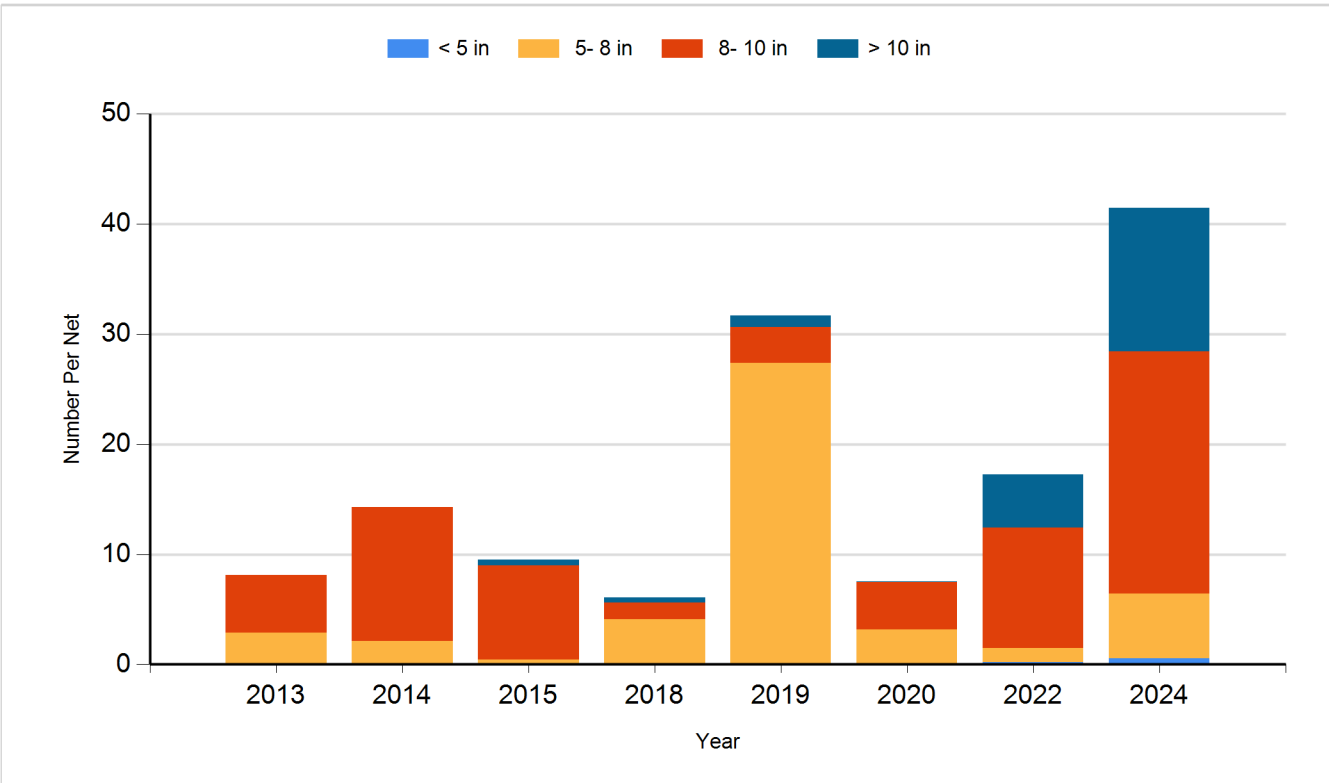
Species: Black Bullhead  
Gear: std exp gill net



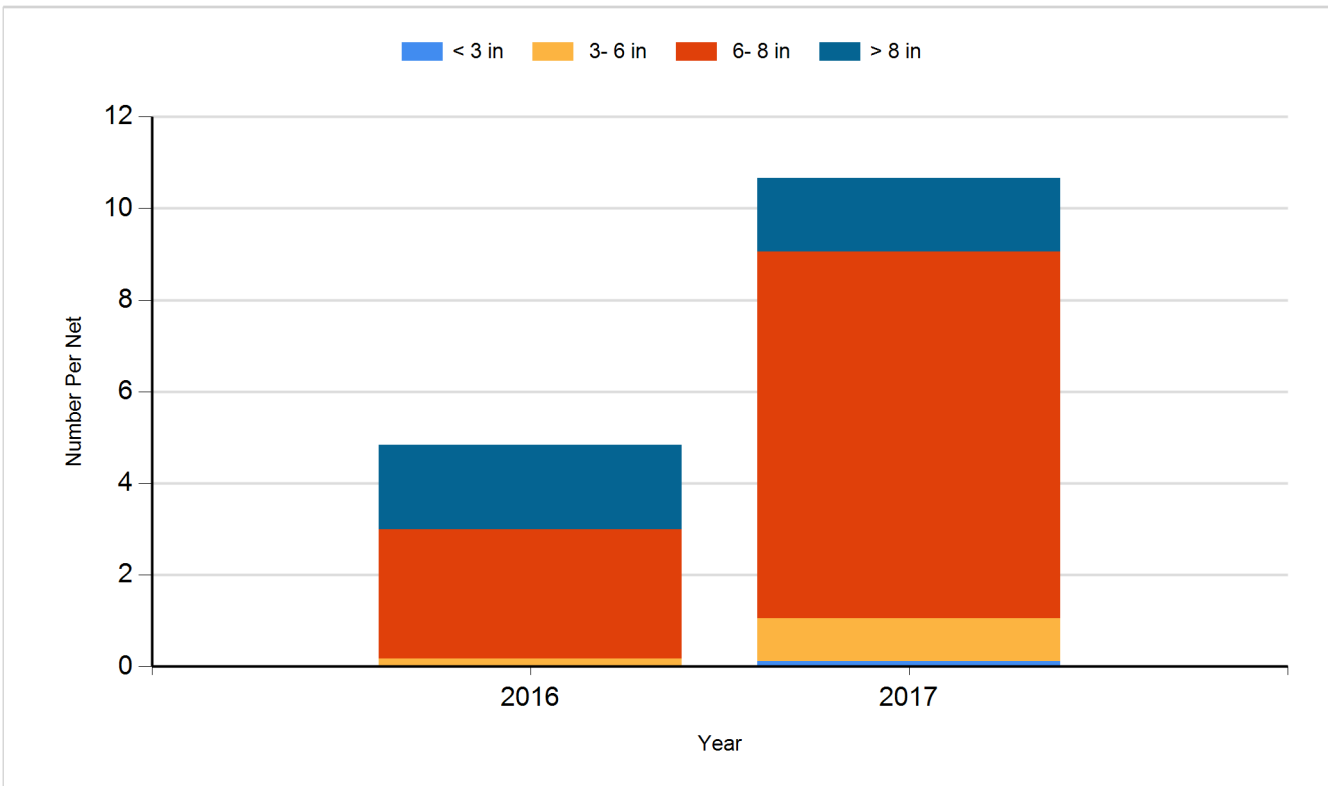
Species: Black Crappie  
Gear: AFS std frame net



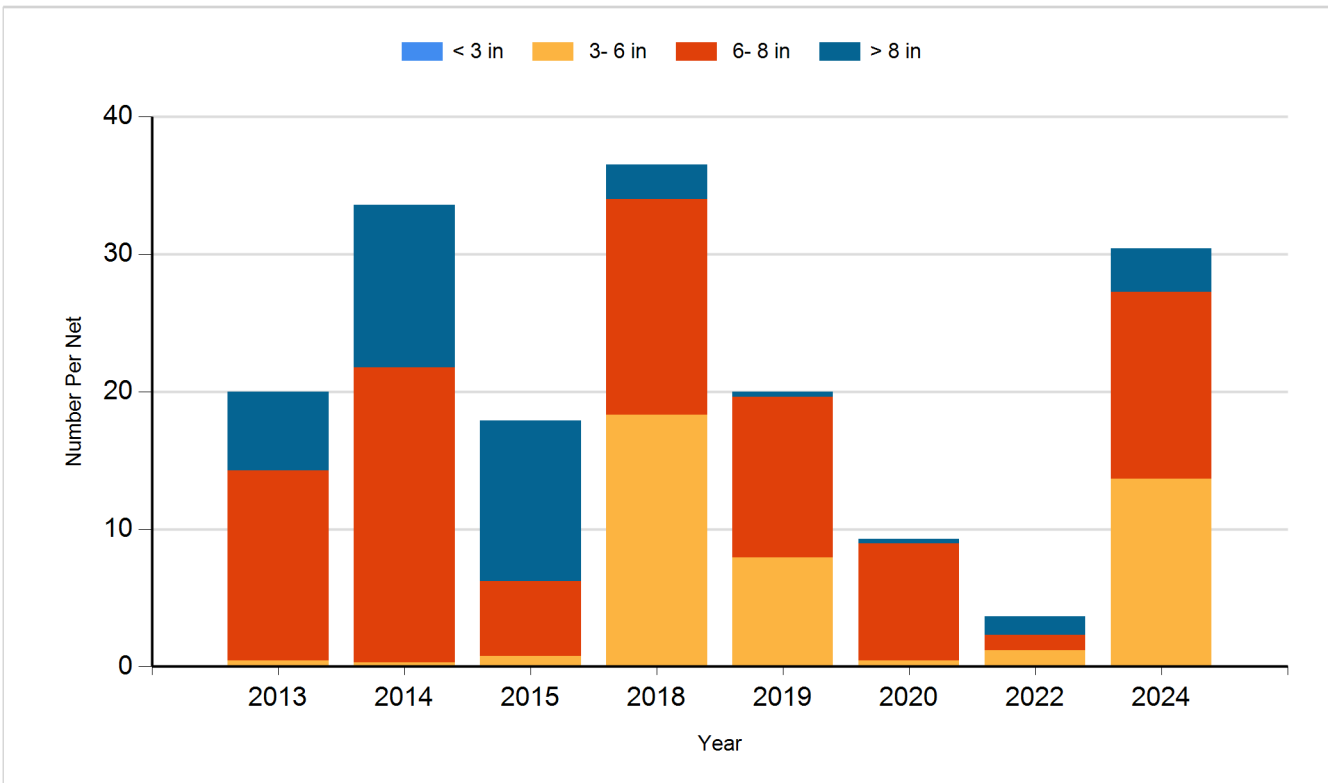
Species: Black Crappie  
Gear: frame net (std 3/4 in)



Species: Bluegill  
Gear: AFS std frame net

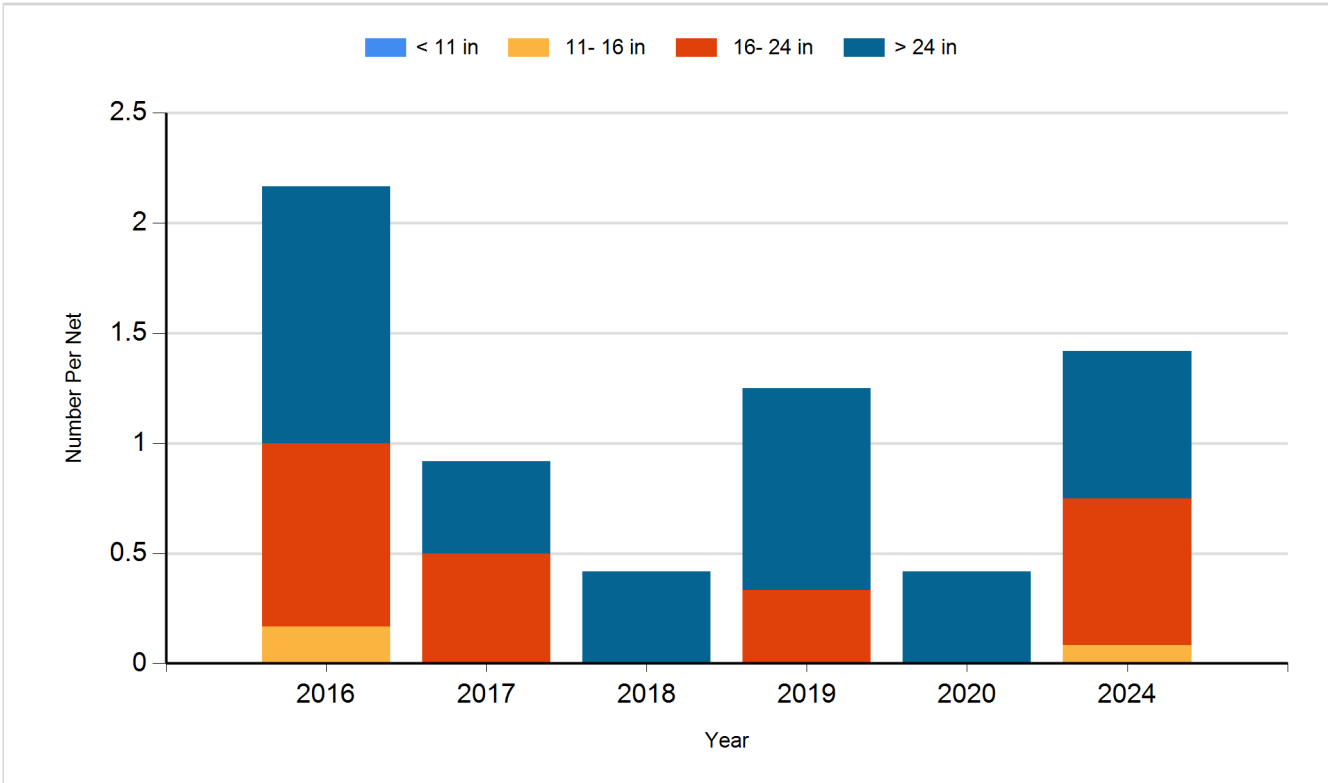


Species: Bluegill  
Gear: frame net (std 3/4 in)

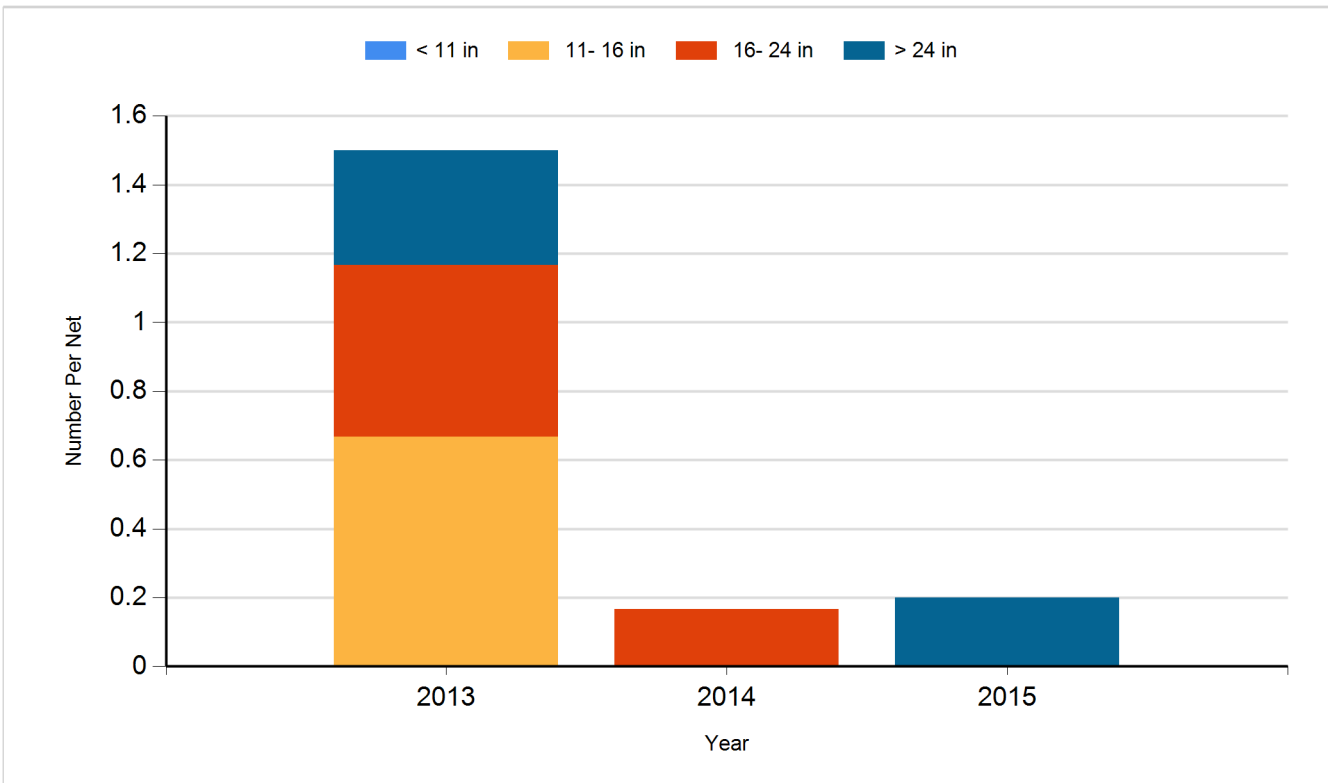




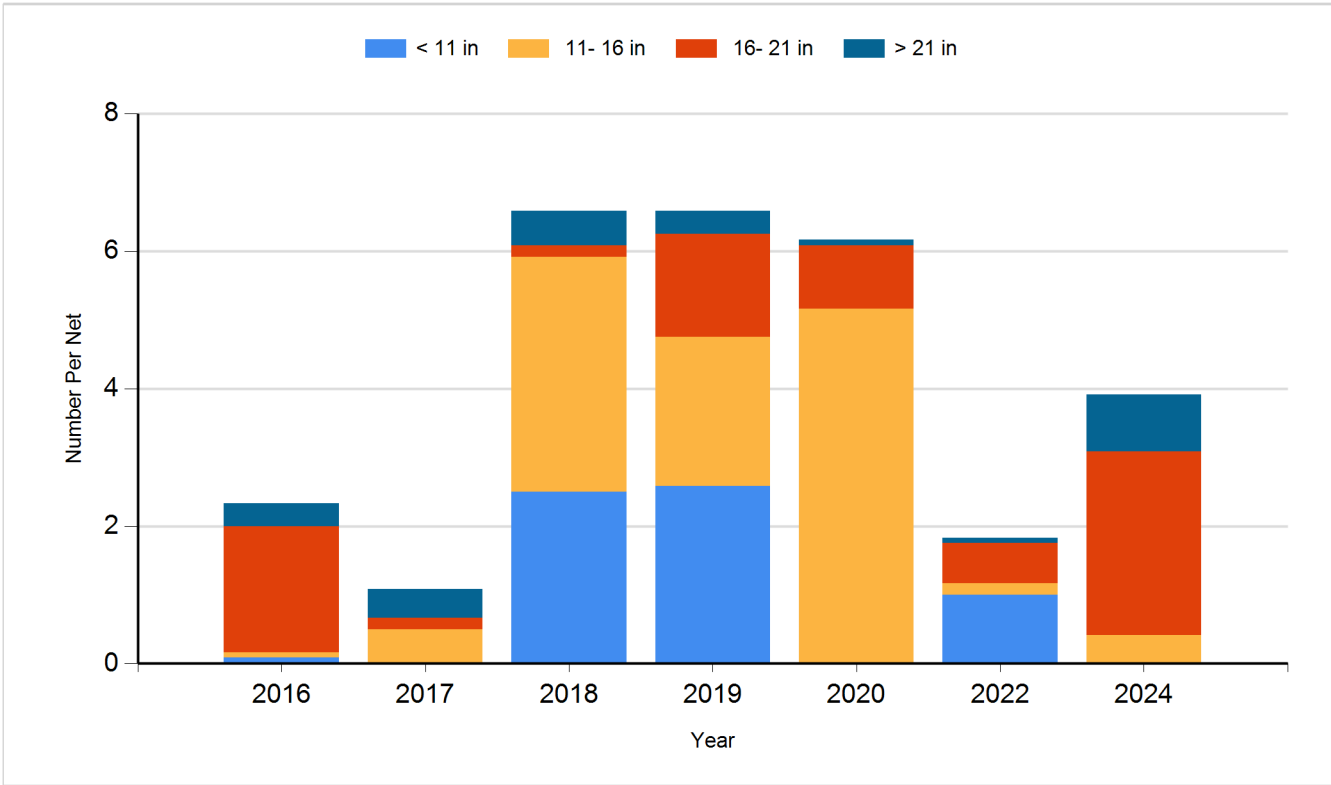
Species: Channel Catfish  
Gear: AFS std gill net



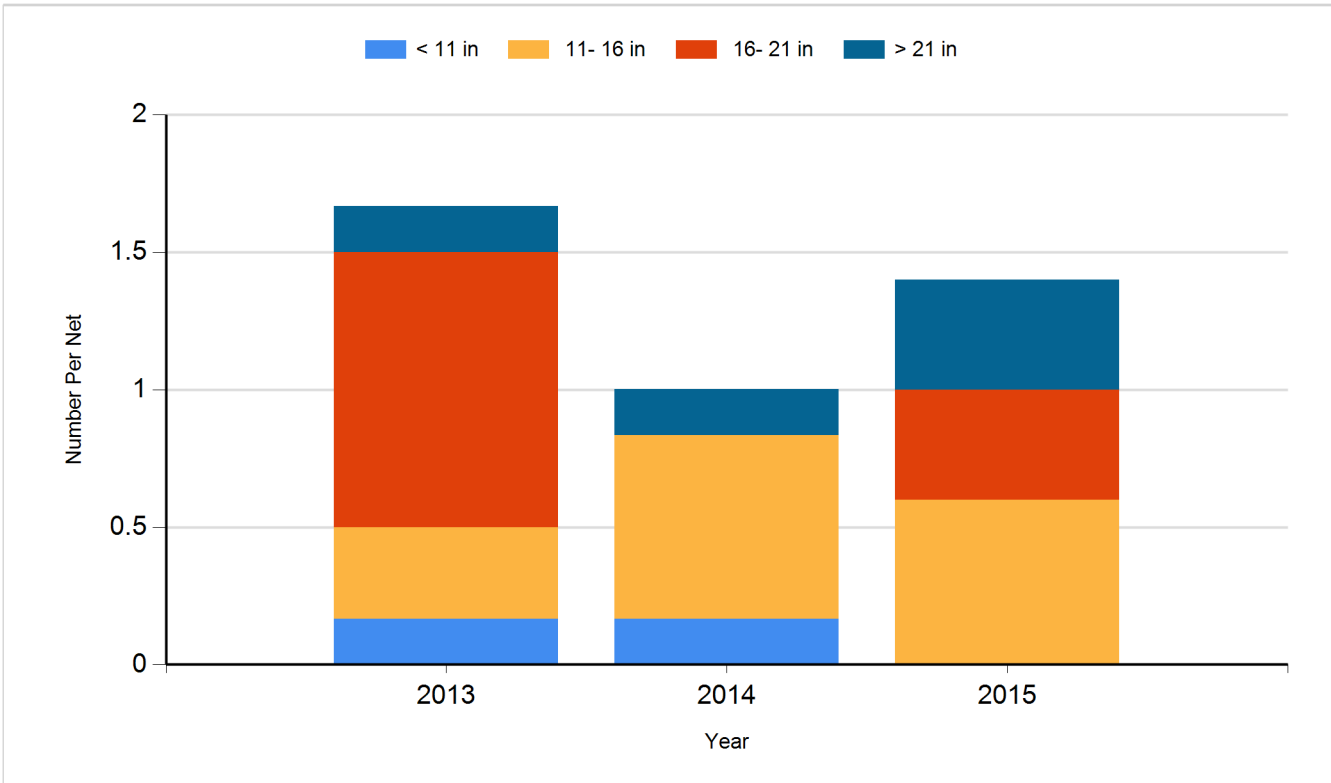
Species: Channel Catfish  
Gear: std exp gill net



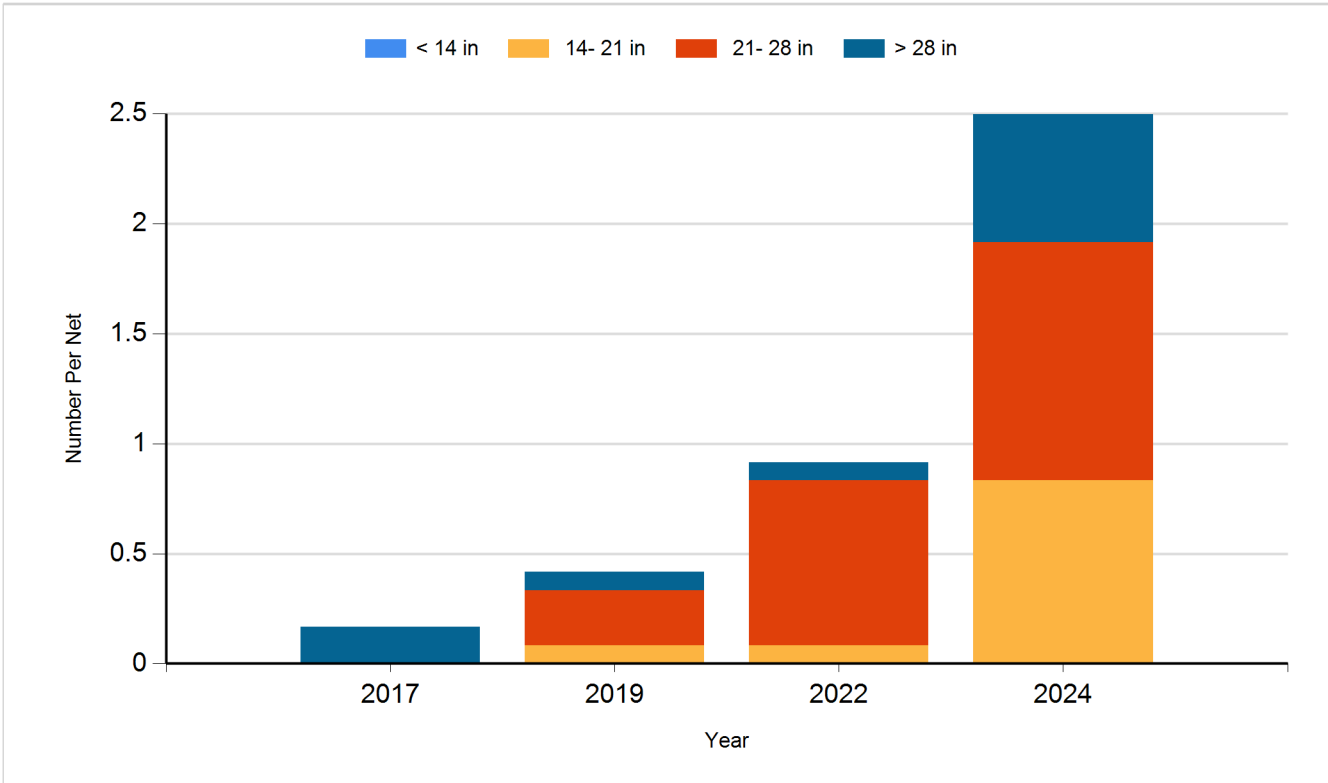
Species: Common Carp  
Gear: AFS std gill net



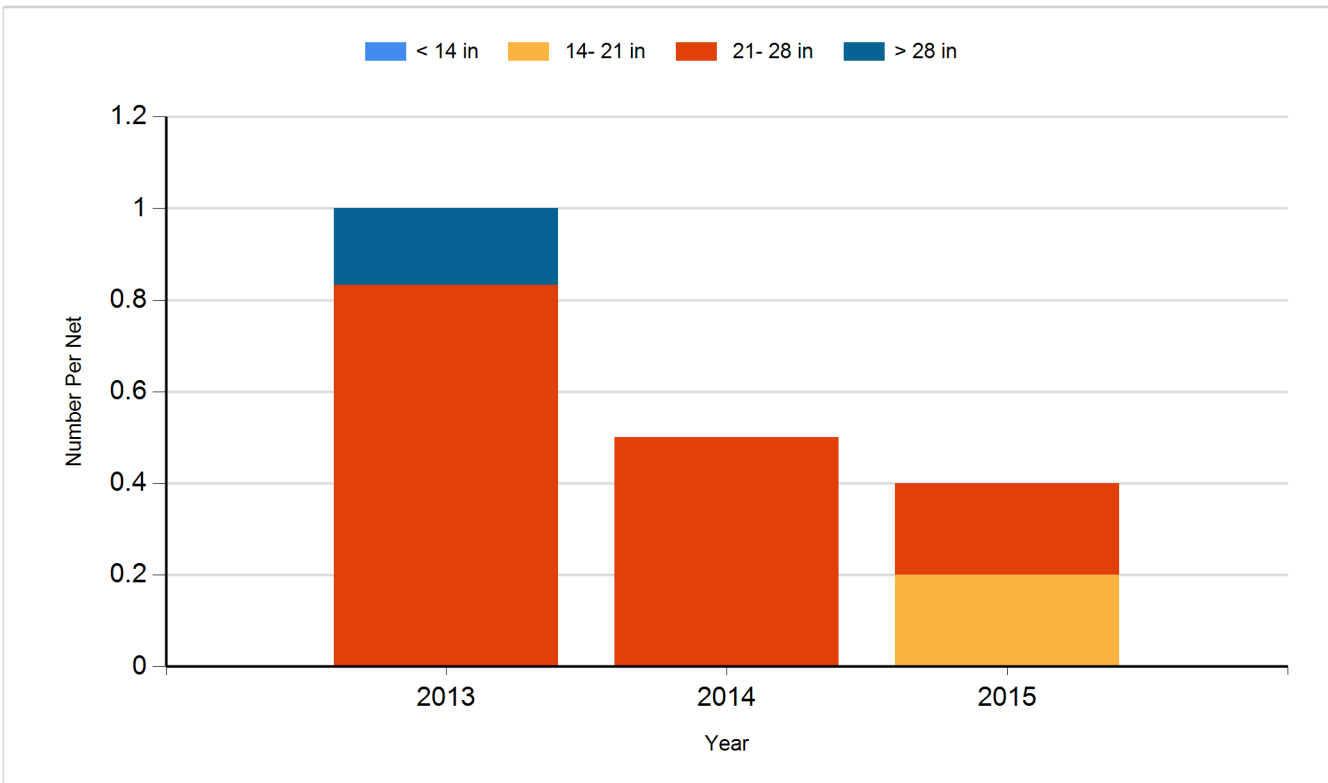
Species: Common Carp  
Gear: std exp gill net



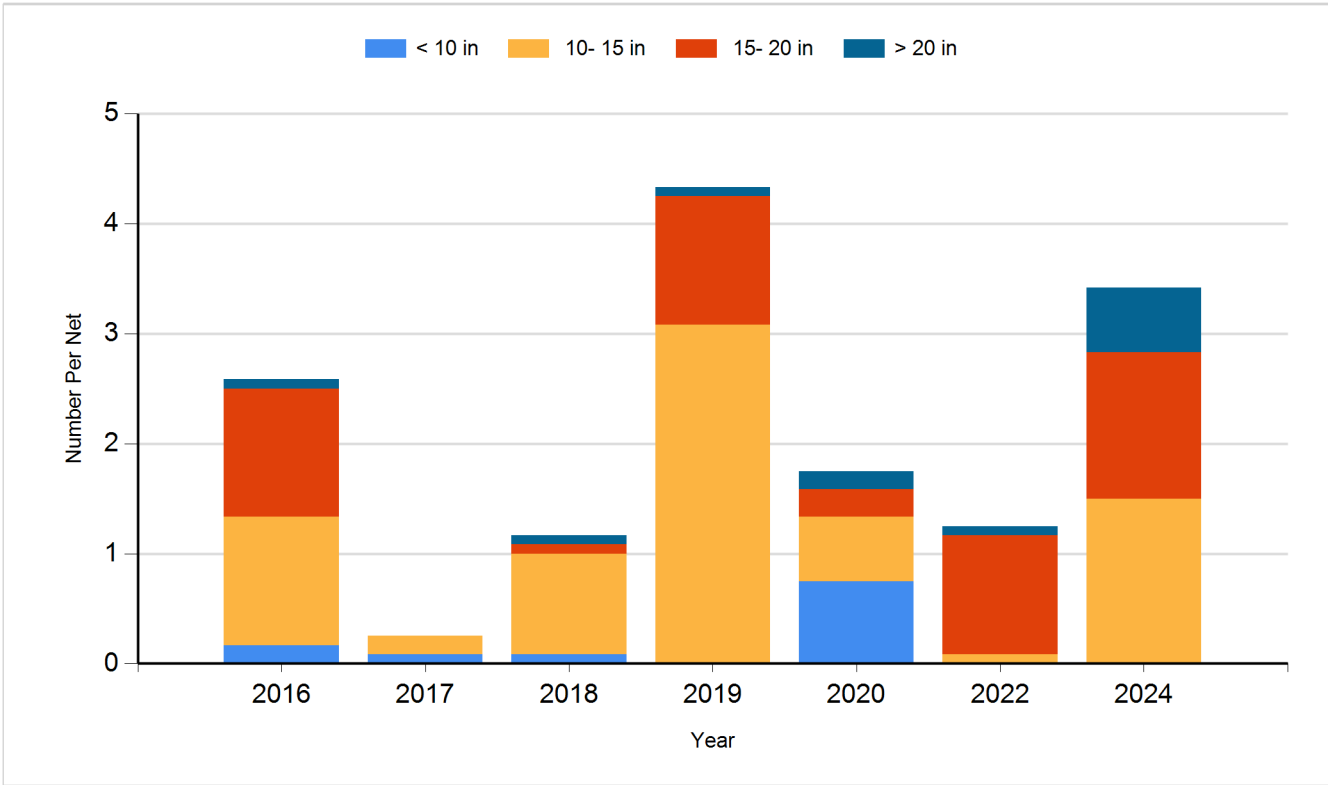
Species: Northern Pike  
Gear: AFS std gill net



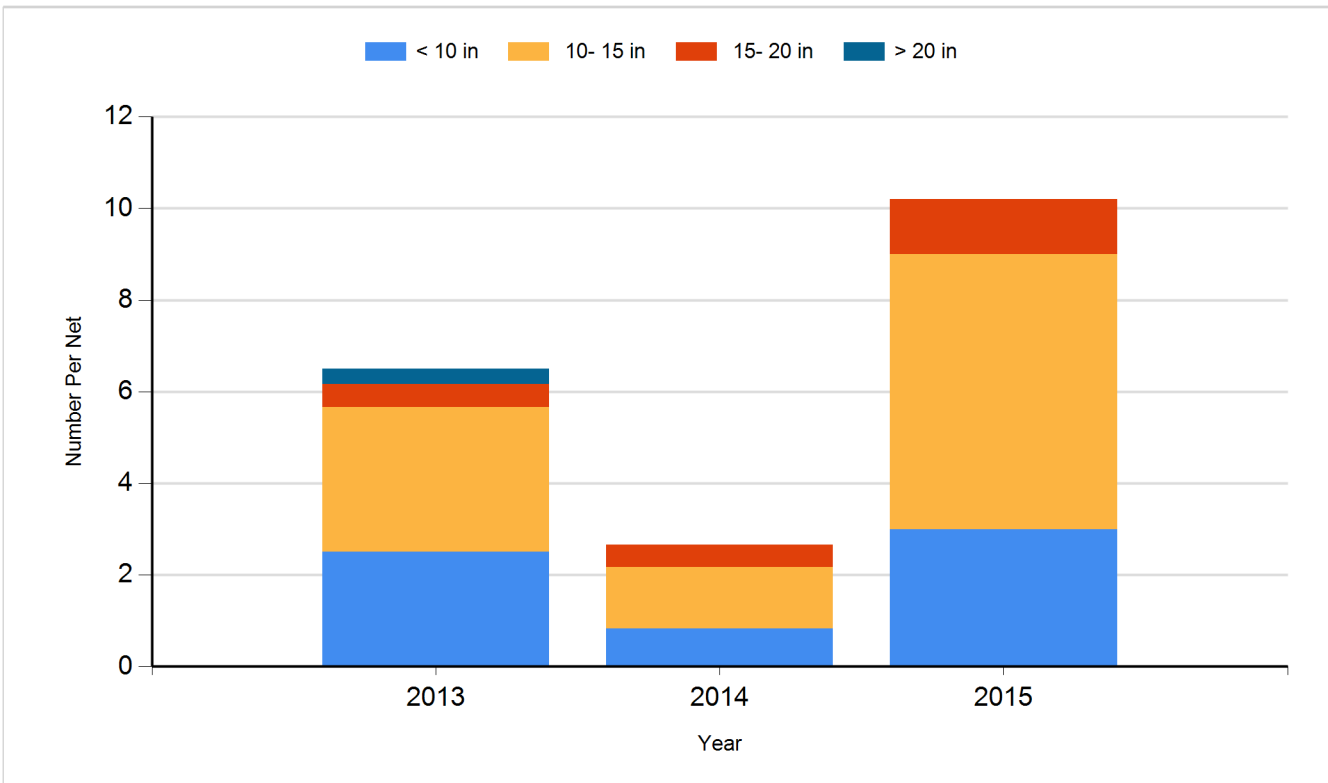
Species: Northern Pike  
Gear: std exp gill net



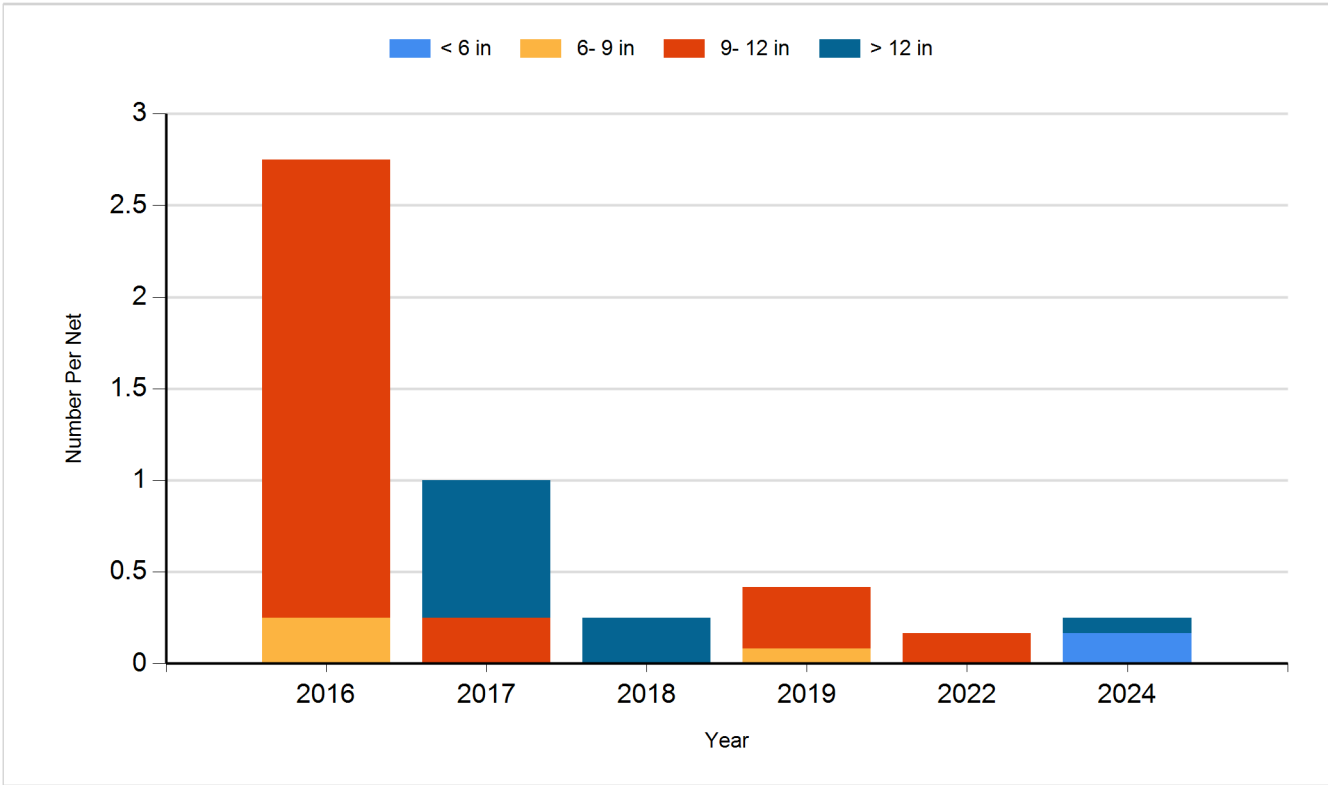
Species: Walleye  
Gear: AFS std gill net



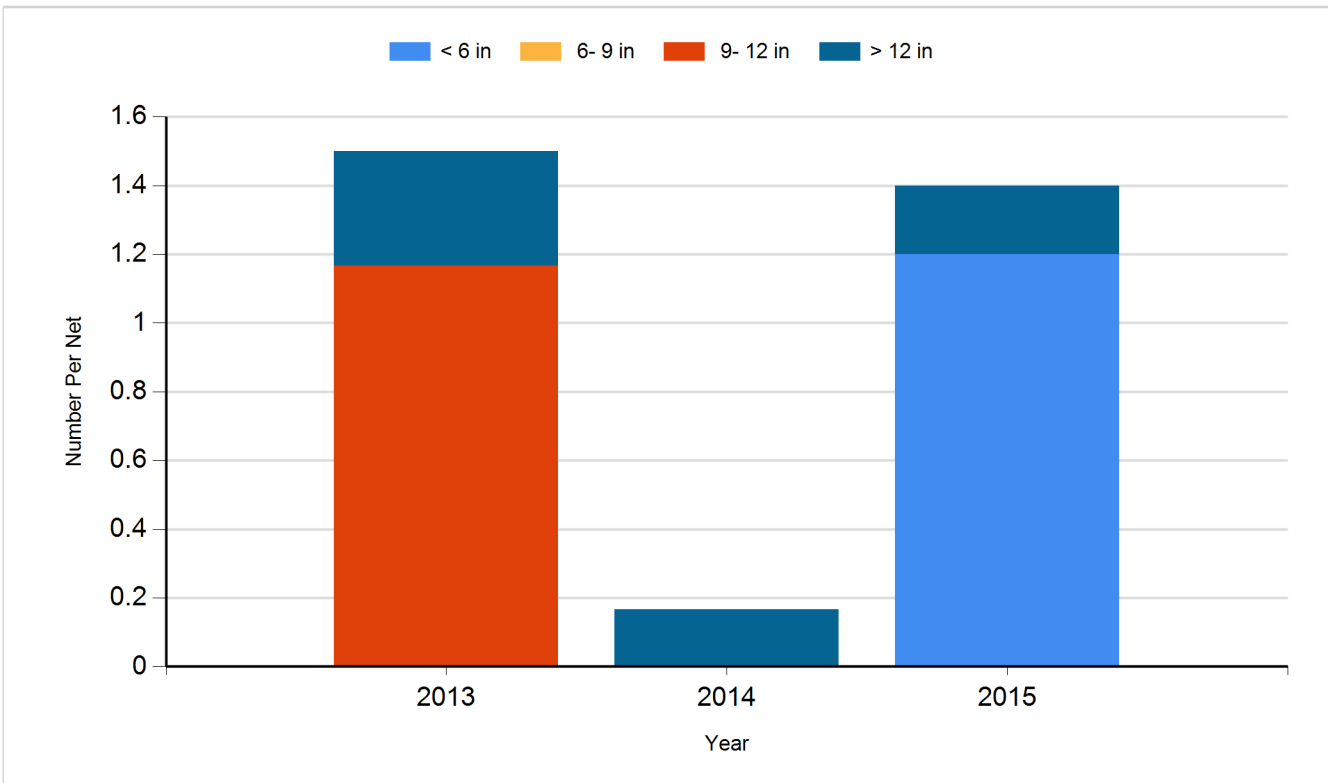
Species: Walleye  
Gear: std exp gill net



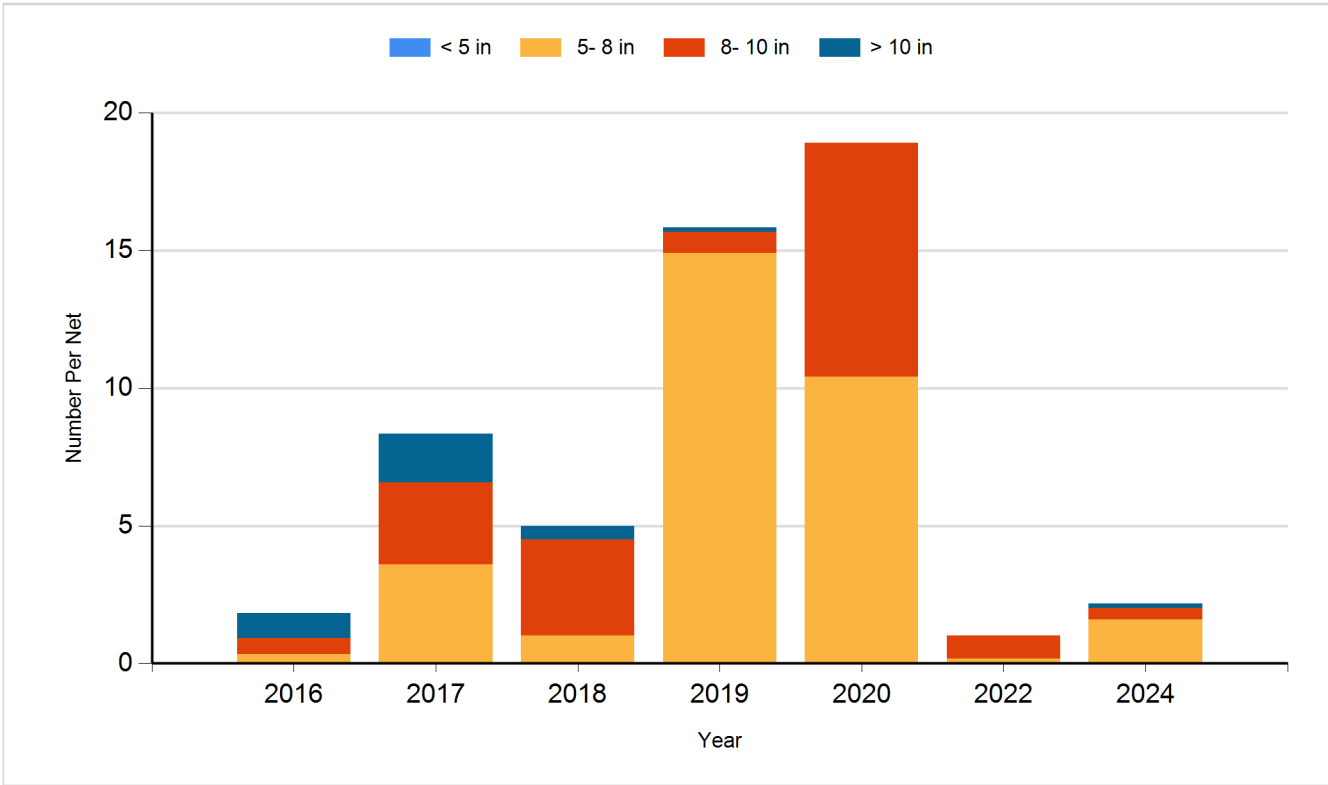
Species: White Bass  
Gear: AFS std gill net



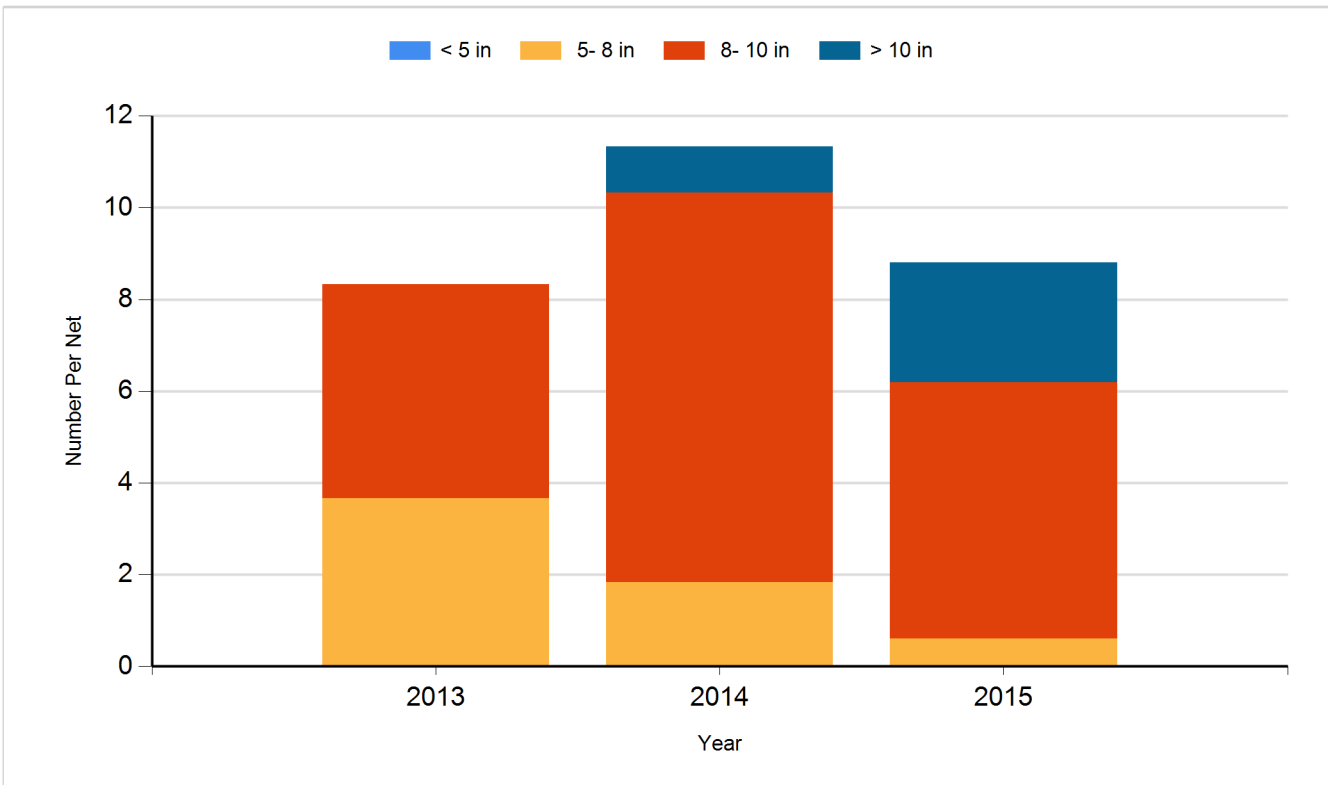
Species: White Bass  
Gear: std exp gill net



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
2013	Walleye	Large Fingerling	27,344
2014	Walleye	Large Fingerling	18,420
2016	Saugeye	Large Fingerling	6,030
2017	Saugeye	Small Fingerling	60,320
2018	Saugeye	Small Fingerling	62,640
2019	Saugeye	Small Fingerling	62,350
2021	Saugeye	Juvenile	63,700
2022	Saugeye	Juvenile	63,080
2023	Saugeye	Juvenile	62,832
2024	Saugeye	Fry	425,000