

# SOUTH DAKOTA STATEWIDE FISHERIES SURVEY

Mina, Edmunds County

SNK-Lake-23-800

2022

## Lake Information

<b>Name:</b>	Mina	<b>Maximum Depth:</b>	27 Feet
<b>County:</b>	Edmunds	<b>Mean Depth:</b>	9 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 07, 2022	4 net-nights
AFS std gill net	Jun 08, 2022	4 net-nights
AFS std gill net	Jun 09, 2022	4 net-nights
fall night EF-WAE	Oct 19, 2022	3630 seconds
frame net (std 3/4 in)	Jun 07, 2022	6 net-nights
frame net (std 3/4 in)	Jun 08, 2022	5 net-nights
frame net (std 3/4 in)	Jun 09, 2022	5 net-nights

## **Common Fish Species Present**

Walleye

Channel Catfish

Bluegill

Black Crappie

Black Bullhead

Freshwater Drum

Northern Pike

Yellow Perch

White Sucker

Common Carp

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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	18	1.5	0.8	100		0	115	4	
	Channel Catfish	8	0.7	0.4	100		50	128	5	
	Freshwater Drum	29	2.4	0.8	100		90	98	2	
	Northern Pike	7	0.6	0.3	100		0	96	2	
	Walleye	6	0.5	0.3	83		17	91	4	
	White Sucker	3	0.3	0.2	100		100	101	8	
	Yellow Perch	3	0.3	0.2	0		0	115	9	
frame net (std 3/4 in)	Black Bullhead	145	9.1	2.8	94	3	3	102	1	
	Black Crappie	2	0.1	0.1	100		100	116	12	
	Bluegill	23	1.4	0.5	65	16	57	16	134	3
	Channel Catfish	3	0.2	0.1	100		33	100	9	
	Common Carp	2	0.1	0.1	100		50	92		
	Freshwater Drum	8	0.5	0.2	100		75	102	3	
	Northern Pike	5	0.3	0.2	80		60	83	0	
	Walleye	10	0.6	0.3	56		0	87	2	
	White Sucker	3	0.2	0.2	100		100	100	2	
	Yellow Perch	2	0.0	0.0	0		0			

## 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	
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
AFS std frame net	Black Bullhead					15.3							15.30
	Black Crappie					0.3							0.30
	Bluegill					14.1							14.10
	Channel Catfish					1.2							1.20
	Common Carp					0.2							0.20
	Freshwater Drum					0.1							0.10
	Largemouth Bass					0.0							0.00
	Northern Pike					0.6							0.60
	Walleye					0.2							0.20
	White Sucker					0.4							0.40
Yellow Perch					1.1							1.10	
AFS std gill net	Bigmouth Buffalo				0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.00
	Black Bullhead				16.8	9.3	6.8	2.3	7.5		1.5	7.37	7.37
	Black Crappie				0.0	0.0	0.0	0.0	0.1		0.0	0.02	0.02
	Bluegill				0.3	0.6	0.1	1.0	0.3		0.0	0.38	0.38
	Channel Catfish				3.3	2.2	1.4	3.3	3.0		0.7	2.32	2.32
	Common Carp				0.5	0.3	0.0	0.0	0.8		0.0	0.27	0.27
	Freshwater Drum				6.9	2.6	5.1	4.3	2.3		2.4	3.93	3.93
	Largemouth Bass				0.1	0.0	0.0	0.0	0.0		0.0	0.02	0.02
	Northern Pike				0.3	1.0	0.4	0.9	1.3		0.6	0.75	0.75
	Walleye				1.6	0.4	2.5	1.1	1.4		0.5	1.25	1.25
White Sucker				0.7	1.2	0.6	0.8	0.3		0.3	0.65	0.65	
Yellow Perch				16.7	7.1	15.4	10.9	22.4		0.3	12.13	12.13	
boat shocker (night)	Walleye*		7.0	69.0	77.6	133.5							71.78
fall night EF-WAE*	Walleye						78.0	99.0	17.2	265.5	539.9	199.9	199.92
frame net (std 3/4 in)	Black Bullhead	35.2	31.1	41.8				1.3	5.7		9.1	20.70	20.70
	Black Crappie	0.2	0.1	0.1				0.2	0.8		0.1	0.25	0.25
	Bluegill	6.7	16.5	5.7				7.6	6.6		1.4	7.42	7.42
	Bluegill X Gr. Sunfish Hybrid	0.0	0.0	0.1				0.0	0.0		0.0	0.02	0.02
	Channel Catfish	0.6	1.4	0.7				0.2	2.1		0.2	0.87	0.87
	Common Carp	0.2	0.6	0.6				0.1	0.0		0.1	0.27	0.27
	Freshwater Drum	0.4	0.3	0.9				0.5	0.7		0.5	0.55	0.55

		CPUE										
Gear	Species	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg
frame net (std 3/4 in)	Northern Pike	0.9	0.8	0.4				0.2	1.1		0.3	0.62
	O. Spotted X Gr. Sunfish Hybrid	0.0	0.0	0.0				0.0	0.0		0.0	0.00
	Sunfish Hybrid	0.0	0.2	0.0				0.0	0.1		0.0	0.05
	Walleye	0.1	0.3	0.1				0.4	1.7		0.6	0.53
	White Sucker	0.5	0.3	0.3				0.1	0.1		0.2	0.25
	Yellow Perch	1.2	9.6	1.6				3.4	5.3		0.0	3.52
std exp gill net	Black Bullhead	17.0	24.5	23.5								21.67
	Black Crappie	0.0	0.0	0.0								0.00
	Bluegill	0.7	0.2	0.0								0.30
	Channel Catfish	3.2	1.0	2.7								2.30
	Common Carp	0.2	0.5	1.2								0.63
	Freshwater Drum	7.3	5.5	2.3								5.03
	Largemouth Bass	0.0	0.0	0.0								0.00
	Northern Pike	0.7	0.5	2.3								1.17
	Orangespotted Sunfish	0.0	0.0	0.0								0.00
	Walleye	3.5	0.7	1.7								1.97
	White Sucker	0.0	0.2	0.2								0.13
	Yellow Perch	8.7	27.2	32.5								22.80

## 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													
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022				
AFS std frame net	Black Bullhead	PSD					100									
		PSD-P					24									
		Wr					95									
	Black Crappie	PSD					100									
		PSD-P					0									
		Wr					109									
	Bluegill	PSD					85									
		PSD-P					8									
		Wr					125									
	Channel Catfish	PSD					59									
		PSD-P					18									
		Wr					99									
	Common Carp	PSD					100									
		PSD-P					33									
		Wr					91									
	Northern Pike	PSD					18									
		PSD-P					0									
		Wr					74									
	Walleye	PSD					100									
		PSD-P					50									
		Wr					79									
	White Sucker	PSD					100									
		PSD-P					100									
		Wr					84									
	Yellow Perch	PSD					95									
		PSD-P					55									
		Wr					96									
	AFS std gill net	Black Bullhead	PSD				99	100	100	93	58					100
			PSD-P				7	35	83	71	11					0
			Wr				99	103	97	91	93					115
Black Crappie		PSD									0					
		PSD-P									0					
		Wr									126					



Gear	Species	Index	Year									
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AFS std gill net	Bluegill	PSD				50	57	100	100	100		
		PSD-P				50	14	0	92	100		
		Wr				109	124	121	119	122		
	Channel Catfish	PSD				77	54	100	100	100		100
		PSD-P				56	15	53	44	56		50
		Wr				110	109	108	110	101		128
	Common Carp	PSD				100	100		0	22		
		PSD-P				33	100		0	22		
		Wr				94	91			108		
	Northern Pike	PSD				25	50	100	45	56		100
		PSD-P				0	8	20	0	0		0
		Wr				83	81	80	78	94		96
	Walleye	PSD				74	100	7	46	12		83
		PSD-P				16	0	0	8	6		17
		Wr				97	82	90	86	86		91
	White Sucker	PSD				100	100	100	100	100		100
		PSD-P				100	100	100	100	100		100
		Wr				106	95	101	94	99		101
	Yellow Perch	PSD				86	91	64	46	72		0
		PSD-P				36	22	14	18	7		0
		Wr				102	104	105	106	102		115
boat shocker (night)	Walleye	PSD		0	0	0	0					
		PSD-P		0	0	0	0					
		Wr		101	92	98	89					
frame net (std 3/4 in)	Black Bullhead	PSD	96	75	72				100	19		94
		PSD-P	25	41	30				79	11		3
		Wr	90	86	85				92	84		102
	Black Crappie	PSD	100	100	0				25	73		100
		PSD-P	100	100	0				0	27		100
		Wr		116	117				108	110		116
	Bluegill	PSD	31	92	98				93	87		65
		PSD-P	13	2	24				48	52		57
		Wr	113	127	119				124	125		134
	Channel Catfish	PSD	91	48	69				100	97		100
		PSD-P	0	9	8				0	21		33
		Wr	106	97	86				103	94		100

Gear	Species	Index	Year										
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
frame net (std 3/4 in)	Common Carp	PSD	100	20	82					100	0	100	
		PSD-P	33	10	0					100	0	50	
		Wr	90	98	95					88		92	
	Northern Pike	PSD	50	67	75					25	32	80	
		PSD-P	6	25	50					0	0	60	
		Wr	73	86	70					82	79	83	
	Walleye	PSD	0	80	0					43	16	56	
		PSD-P	0	40	0					0	3	0	
		Wr	76	102						84	82	87	
	White Sucker	PSD	100	100	100					100	100	100	
		PSD-P	100	100	83					100	100	100	
		Wr	96	90	89					93	86	100	
	Yellow Perch	PSD	82	13	97					25	81	0	
		PSD-P	5	8	0					18	7	0	
		Wr	96	97	93					103	97		
	std exp gill net	Black Bullhead	PSD	95	53	56							
			PSD-P	16	7	8							
			Wr	93	95	93							
Black Crappie		PSD			0								
		PSD-P			0								
Bluegill		PSD	25	0									
		PSD-P	25	0									
		Wr	139	142									
Channel Catfish		PSD	100	100	100								
		PSD-P	16	67	56								
		Wr	102	119	93								
Common Carp		PSD	100	0	14								
		PSD-P	0	0	0								
		Wr	89	106	99								
Northern Pike		PSD	75	100	57								
		PSD-P	0	33	7								
		Wr	77	89	84								
Walleye		PSD	62	100	60								
		PSD-P	5	25	20								
		Wr	91	104	96								
White Sucker		PSD		100	100								
		PSD-P		100	100								

Gear	Species	Index	Year									
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
std exp gill net	White Sucker	Wr		94	97							
	Yellow Perch	PSD	81	43	92							
		PSD-P	12	20	15							
		Wr	106	104	99							

## 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+
2017	8	54 (3)	200 (1)	227 (4)							

Species: Bluegill

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2019	137	93 (10)	173 (56)	198 (11)	215 (60)						
2017	268	75 (18)	111 (36)	160 (22)	177 (187)	229 (5)					
2015	102	137 (6)	176 (56)	201 (27)	208 (12)			240 (1)			

Species: Walleye

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2022	6			474 (1)		421 (4)			660 (1)		
2020	20	226 (3)	296 (10)	357 (6)							675 (1)
2019	16	213 (5)	312 (7)	413 (2)		461 (1)					621 (1)
2018	48	248 (31)	324 (15)	390 (2)							
2017	6	201 (1)		418 (2)	436 (2)				492 (1)		
2016	19	267 (2)	393 (11)				551 (1)	533 (3)			404 (2)
2015	10	290 (4)	386 (2)		470 (2)		562 (1)	599 (1)			
2014	4				431 (1)	472 (3)					
2013	21		317 (5)	389 (4)	411 (11)		513 (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+
2020	269	146 (7)	209 (231)	244 (16)	256 (3)	276 (5)	275 (2)	256 (6)			
2019	130	159 (61)	209 (39)	253 (7)	265 (8)	275 (6)	262 (10)				
2018	185	160 (59)	219 (45)	236 (61)	268 (9)	256 (8)	225 (4)				

Mean Length (expanded sample number) at capture by age

Year	N	1	2	3	4	5	6	7	8	9	10+
2017	85	162 (7)	213 (33)	242 (12)	249 (30)	287 (3)					
2016	200	159 (24)	223 (23)	244 (152)	282 (1)						
2015	195	159 (2)	221 (154)	249 (19)	270 (19)	302 (1)					
2014	163	164 (91)	225 (19)	248 (37)	258 (5)	267 (12)					
2013	52	159 (5)	213 (30)	220 (7)	247 (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).

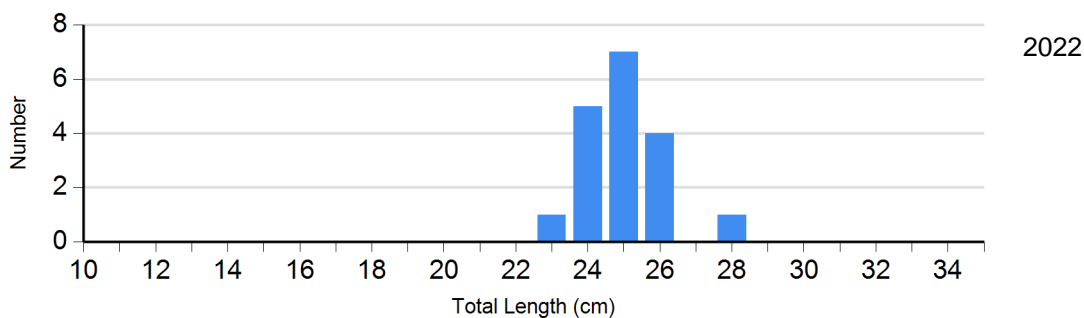
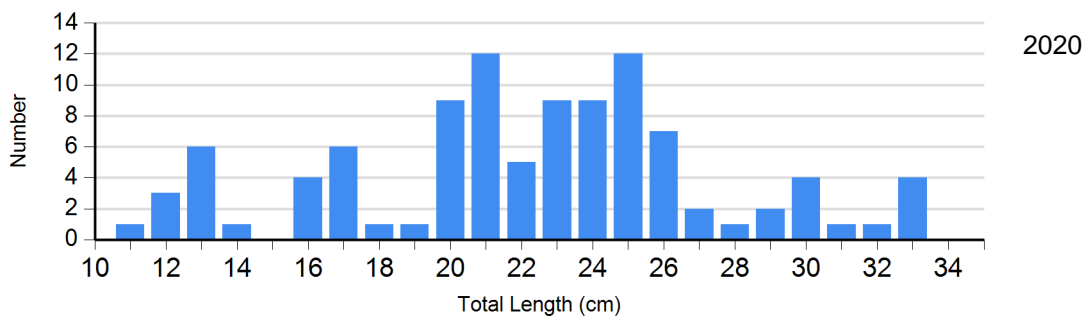
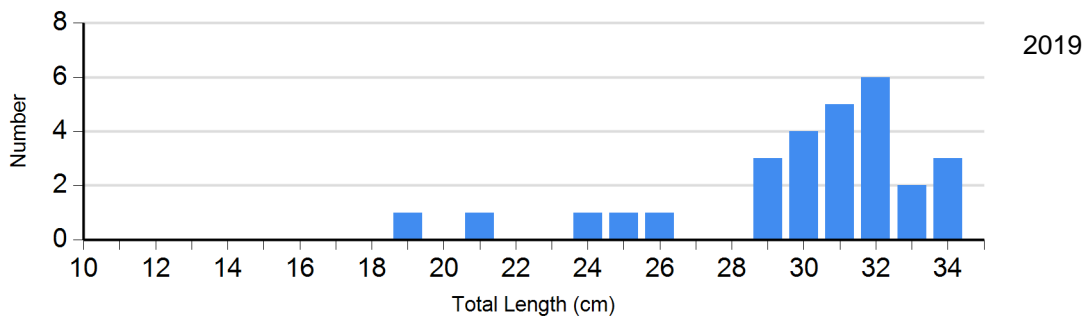
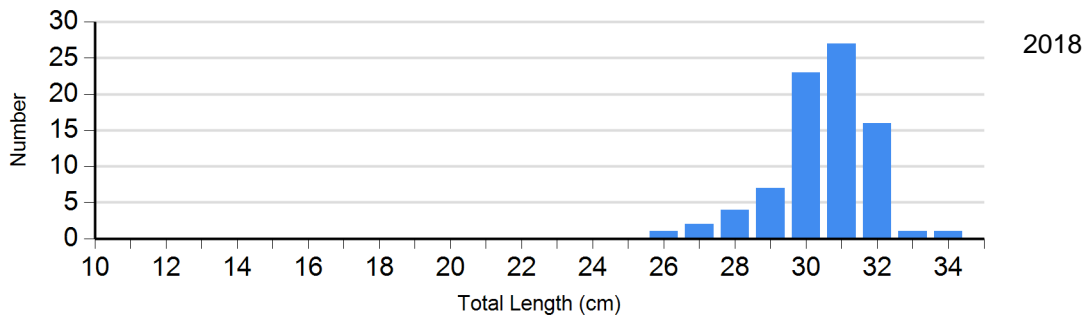
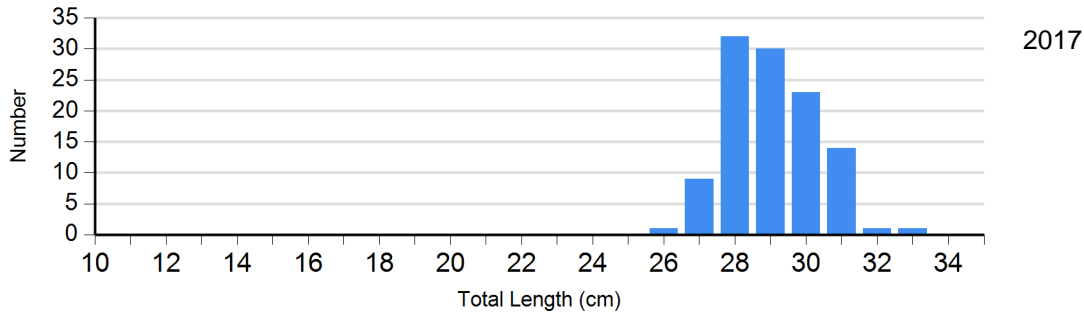
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Black Bullhead Gill Net	2018	0		14	98 (2.6)	68	97 (1.1)	0	
	2019	2	106 (7.7)	6	93 (3.4)	20	89 (2.4)	0	
	2020	38	92 (1.7)	42	95 (1.0)	10	91 (4.6)	0	
	2022	0		18	115 (2.7)	0		0	
Black Crappie Frame Net	2019	3	109 (0.9)	1	105	0		0	
	2020	4	118 (1.7)	7	108 (2.5)	3	108 (0.9)	1	99
	2022	0		0		2	116 (9.0)	0	
Bluegill Frame Net	2019	10	126 (4.1)	61	131 (1.5)	66	116 (1.1)	0	
	2020	16	130 (3.1)	41	130 (1.3)	62	120 (1.3)	0	
	2022	8	133 (5.5)	2	126 (15.6)	11	137 (3.0)	2	133 (0.5)
Channel Catfish Gill Net	2018	0		8	104 (2.2)	7	110 (5.7)	2	116 (3.5)
	2019	0		22	111 (3.1)	14	109 (3.8)	3	102 (7.4)
	2020	0		16	102 (2.5)	17	99 (2.7)	3	98
	2022	0		4	130 (6.9)	4	123	0	
Common Carp Gill Net	2019	0		0		0		0	
	2020	7	112 (3.2)	0		1	93	1	95
Northern Pike Gill Net	2018	0		4	79 (4.0)	1	84	0	
	2019	6	75 (4.7)	5	81 (3.1)	0		0	
	2020	7	108 (30.9)	9	83 (2.7)	0		0	
	2022	0		7	96 (1.3)	0		0	
Walleye Gill Net	2018	28	90 (0.9)	2	89 (1.5)	0		0	
	2019	7	86 (1.6)	5	85 (2.0)	1	95	0	

Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Walleye Gill Net	2020	15	85 (1.2)	1	85	0		1	93
	2022	1	100	4	91 (3.7)	0		1	81
White Sucker Gill Net	2018	0		0		0		7	101 (2.9)
	2019	0		0		0		9	94 (5.4)
	2020	0		0		1	103	3	98 (2.5)
	2022	0		0		0		3	101 (5.9)
Yellow Perch Gill Net	2018	66	111 (0.9)	93	103 (0.6)	26	97 (1.3)	0	
	2019	71	110 (1.2)	37	106 (1.7)	22	95 (1.8)	1	86
	2020	75	106 (1.0)	175	101 (0.6)	19	95 (1.8)	0	
	2022	3	115 (6.7)	0		0		0	

# Length Frequency Distribution

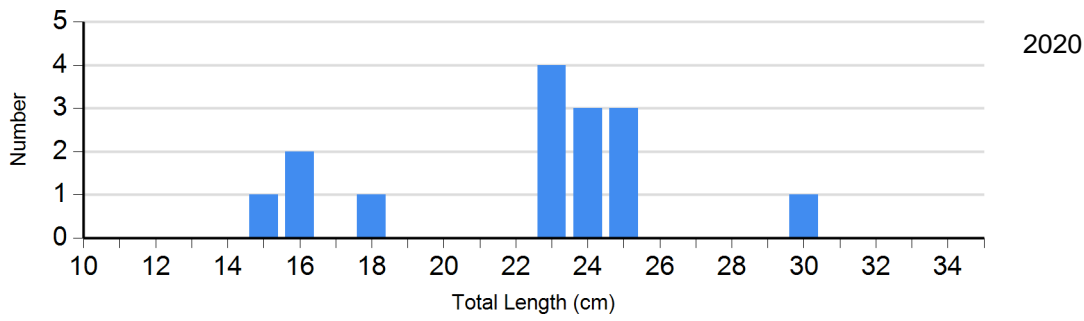
Length frequency histogram of species sampled by year.

Species: Black Bullhead  
Gear: AFS std gill net

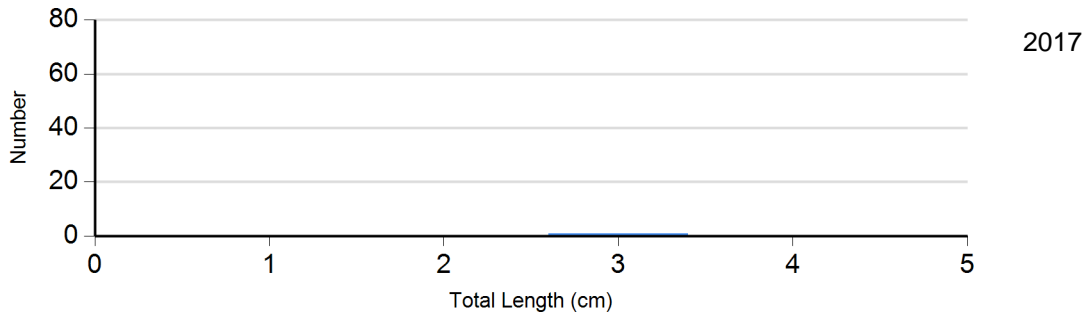




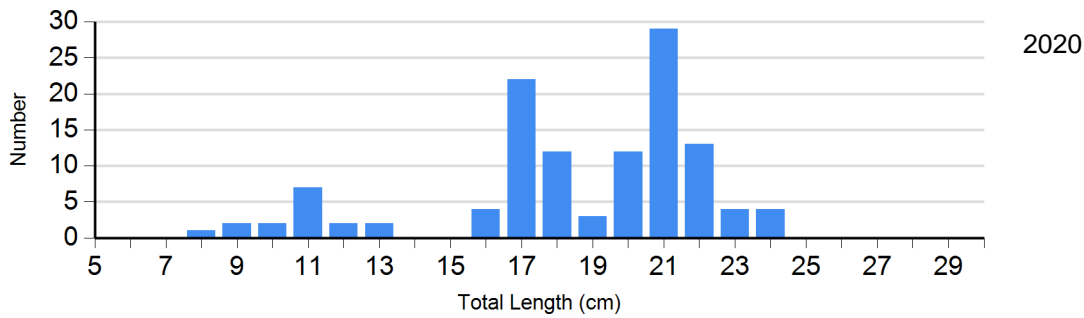
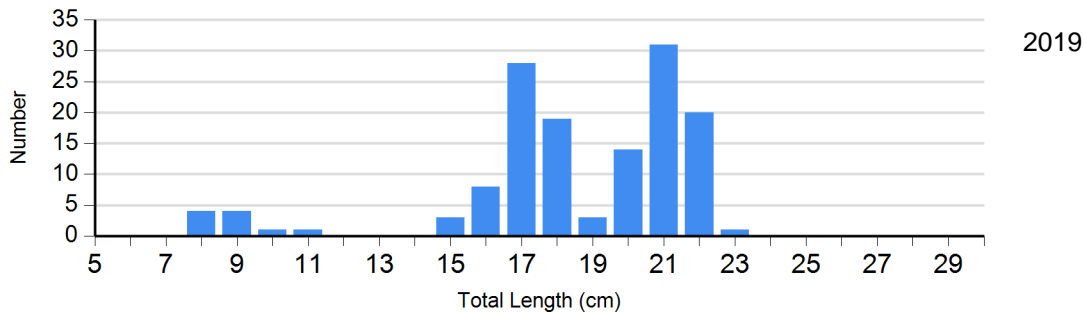
Species: Black Crappie  
Gear: frame net (std 3/4 in)

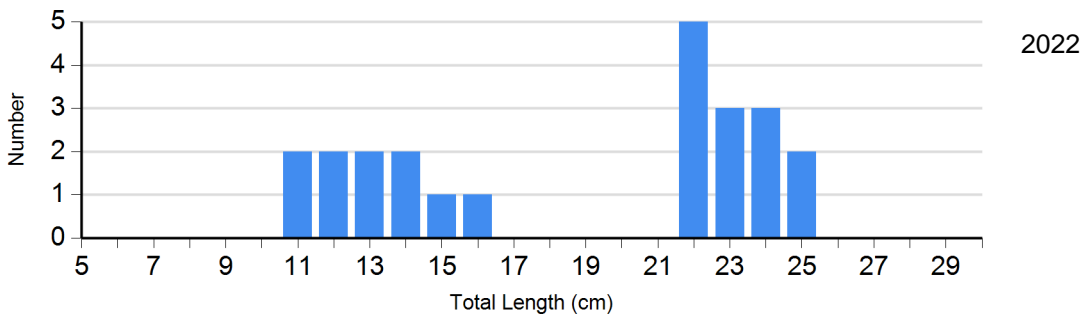


Species: Bluegill  
Gear: AFS std frame net

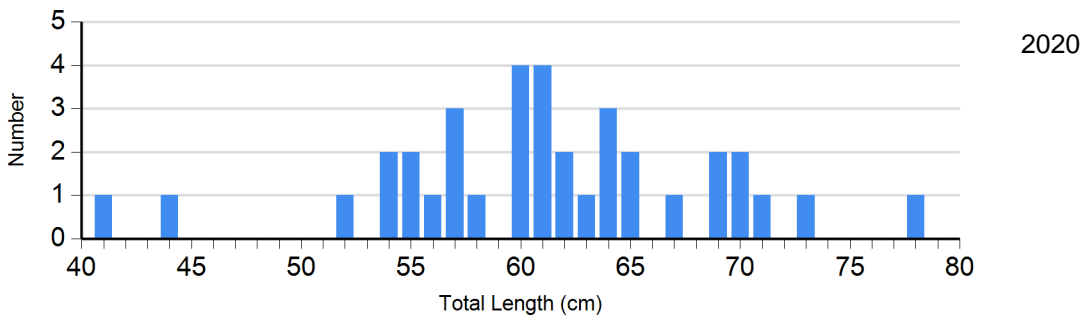
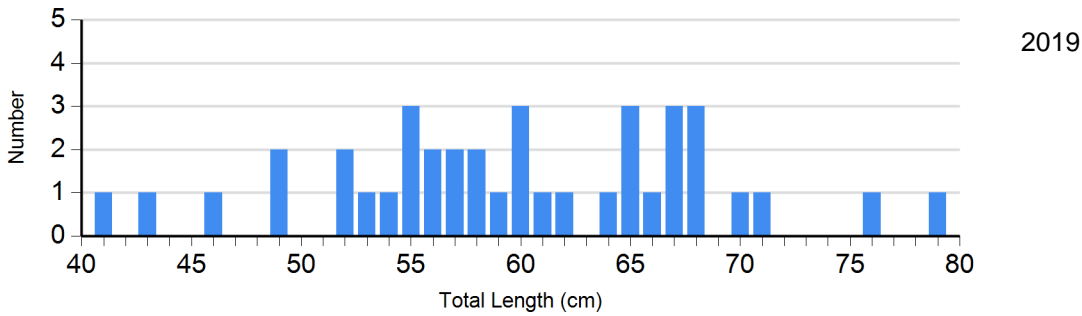
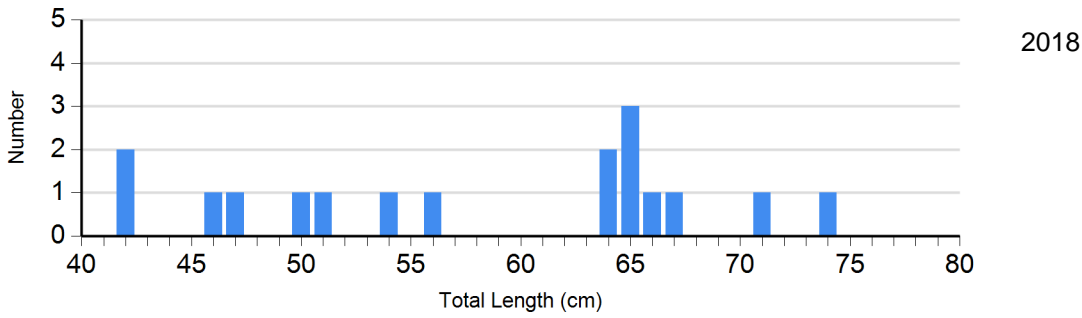
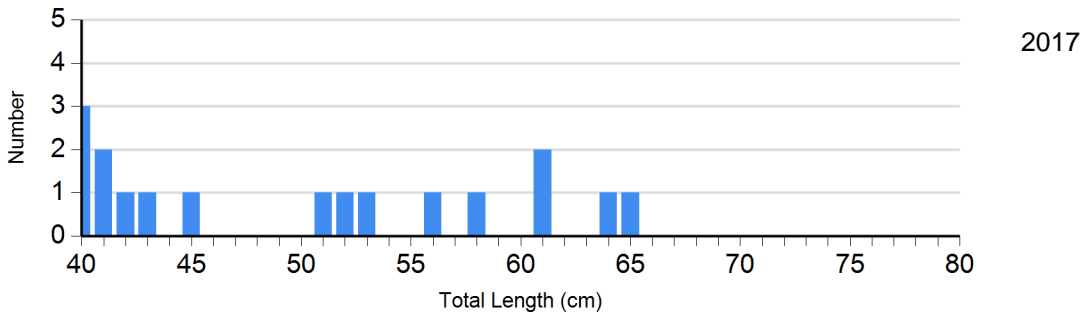


Species: Bluegill  
Gear: frame net (std 3/4 in)

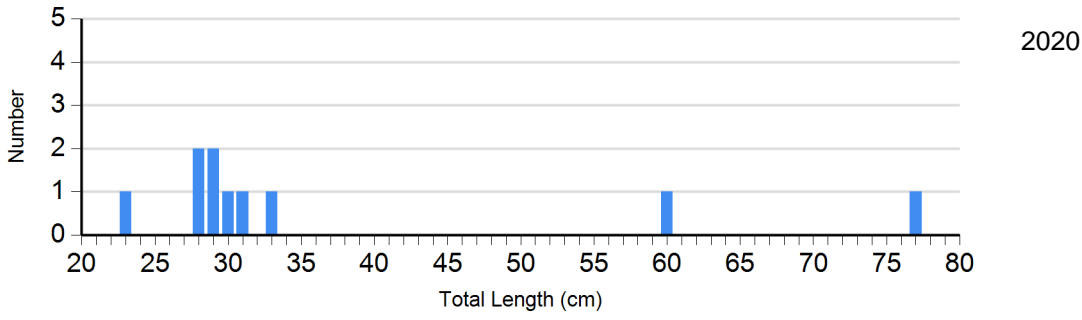




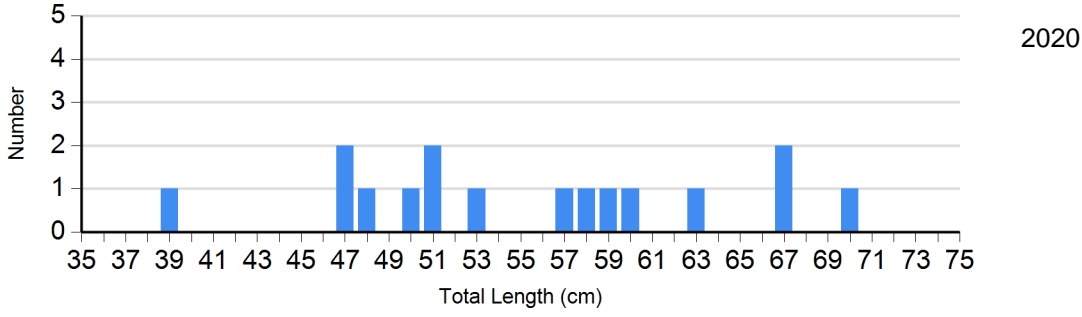
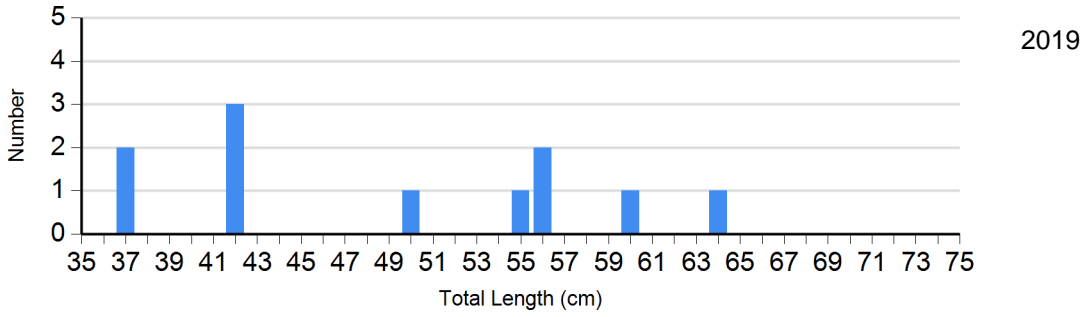
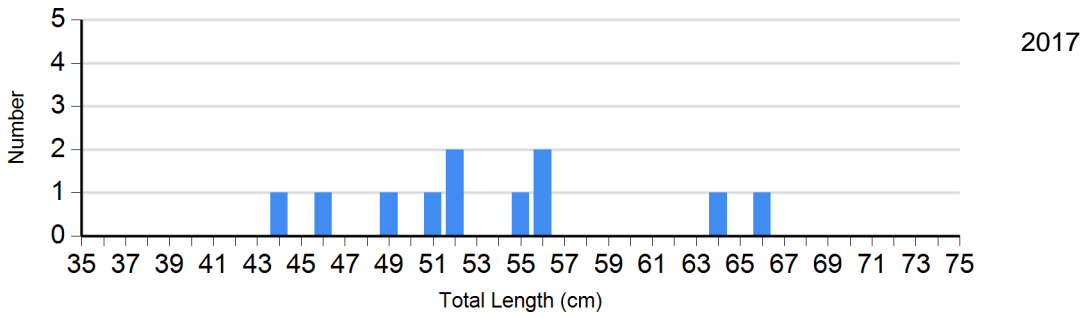
Species: Channel Catfish  
Gear: AFS std gill net



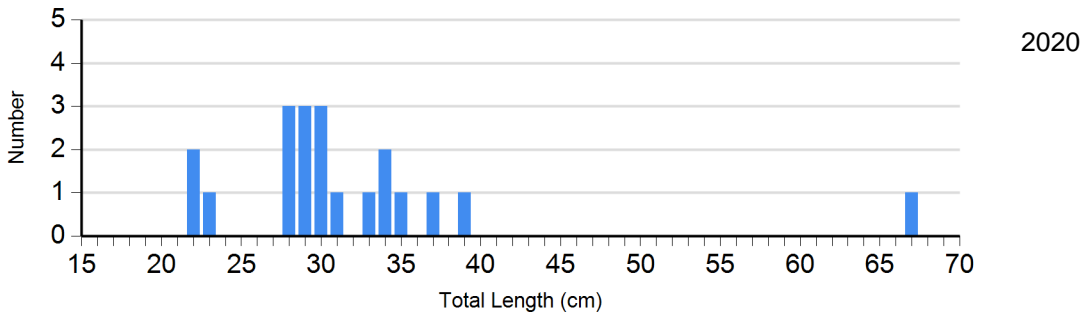
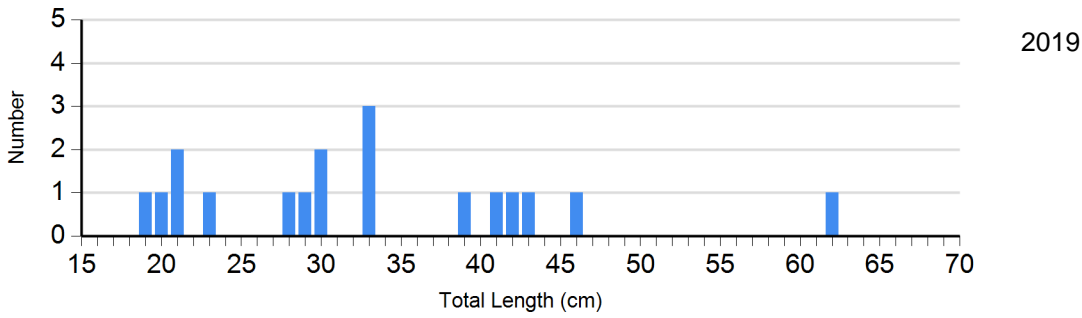
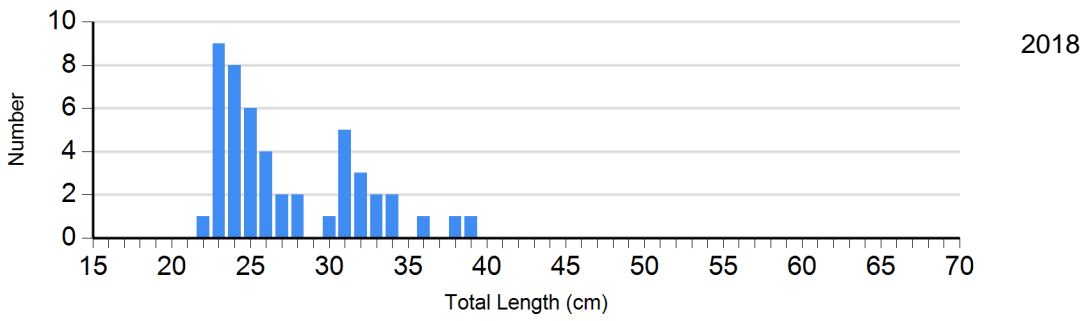
Species: Common Carp  
 Gear: AFS std gill net



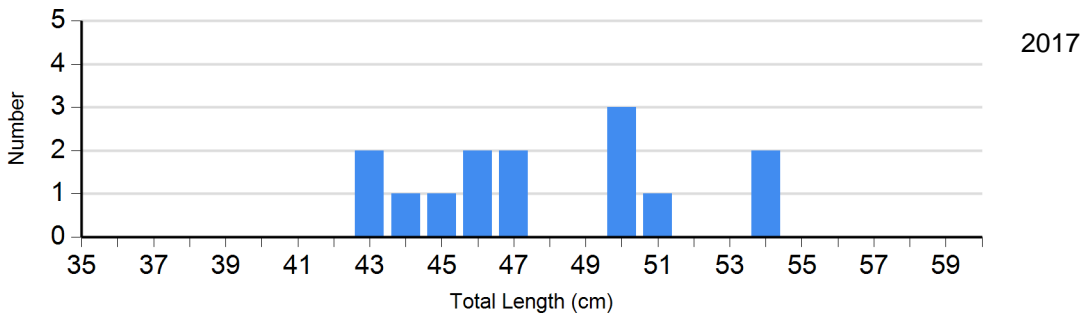
Species: Northern Pike  
 Gear: AFS std gill net



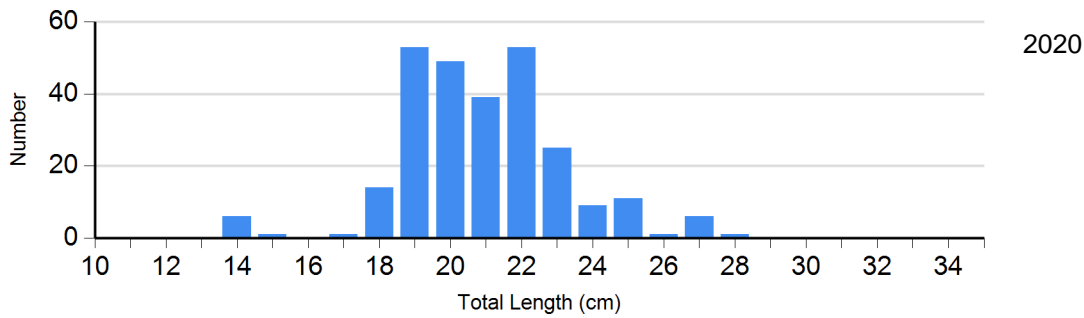
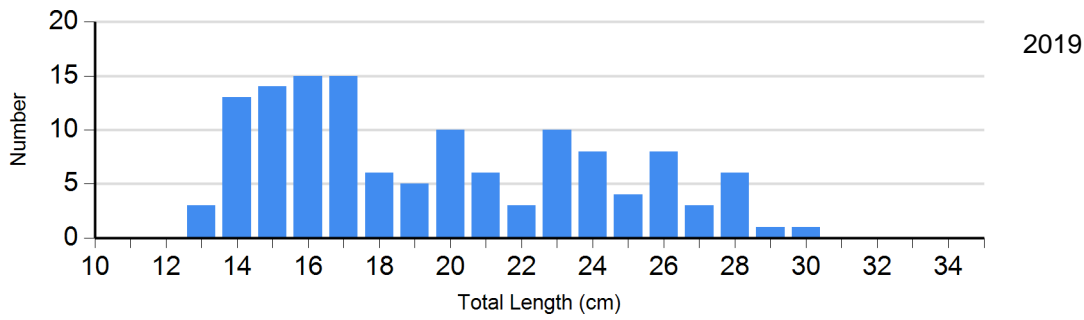
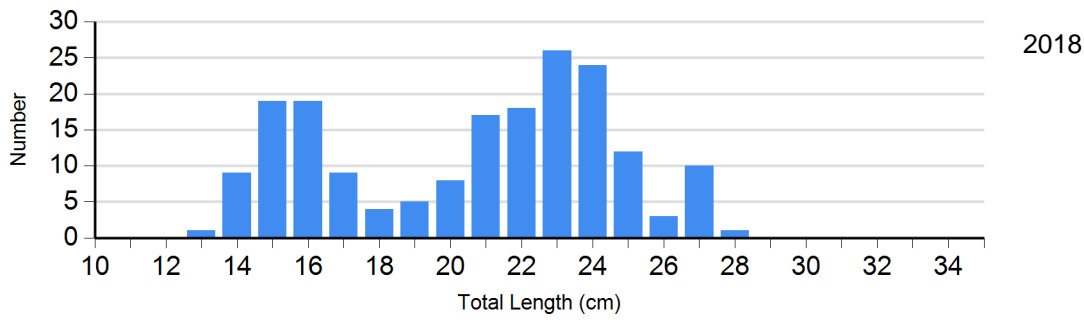
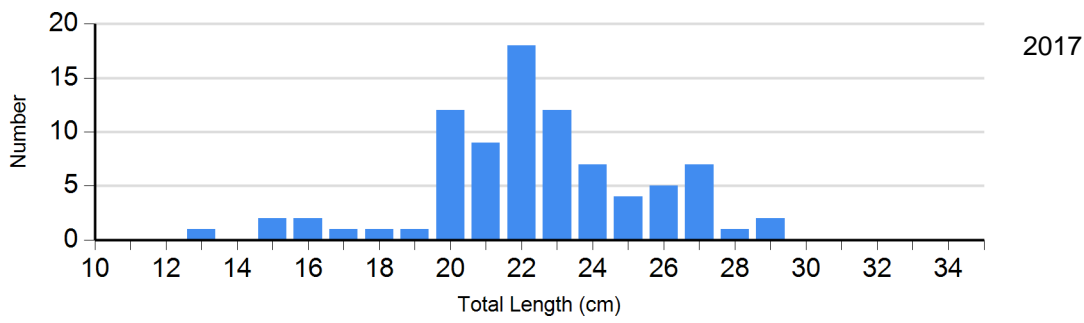
Species: Walleye  
Gear: AFS std gill net



Species: White Sucker  
Gear: AFS std gill net



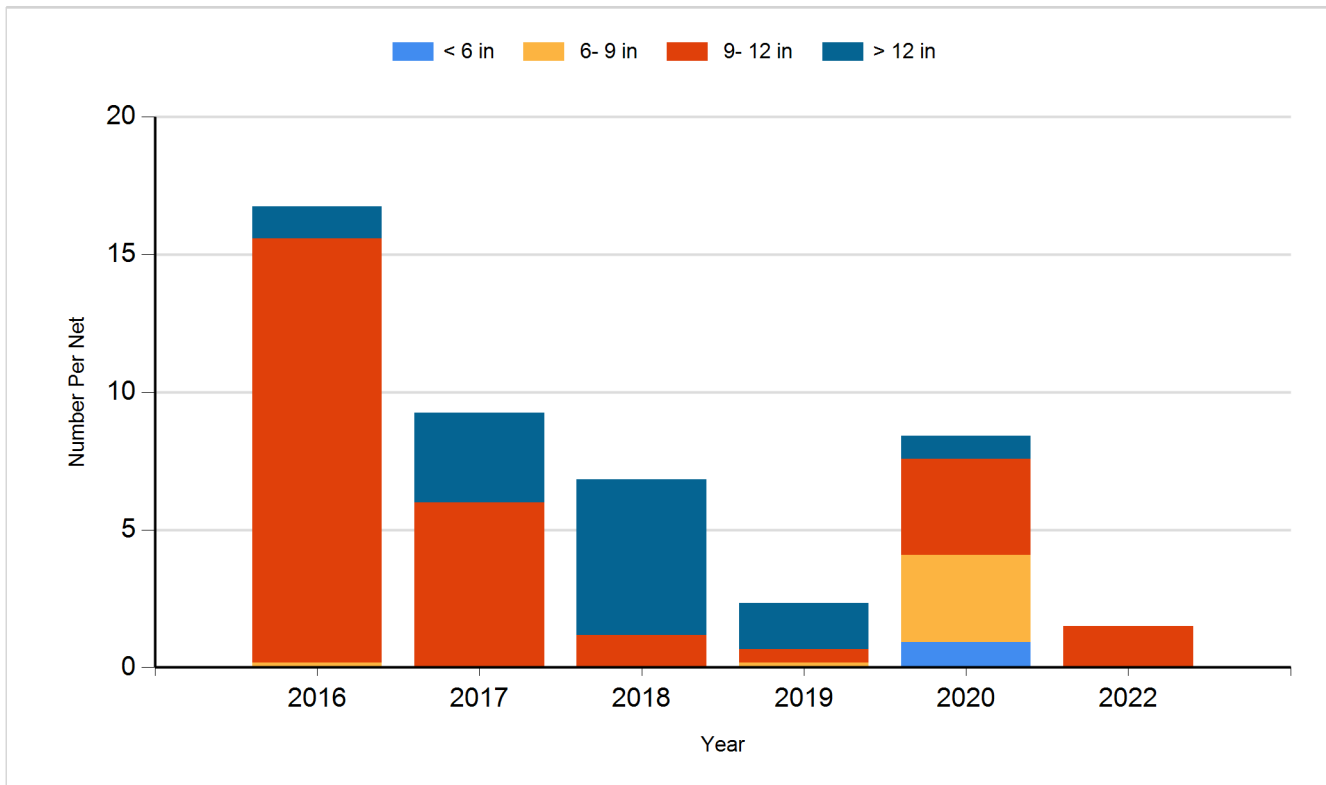
Species: Yellow Perch  
Gear: AFS std gill net



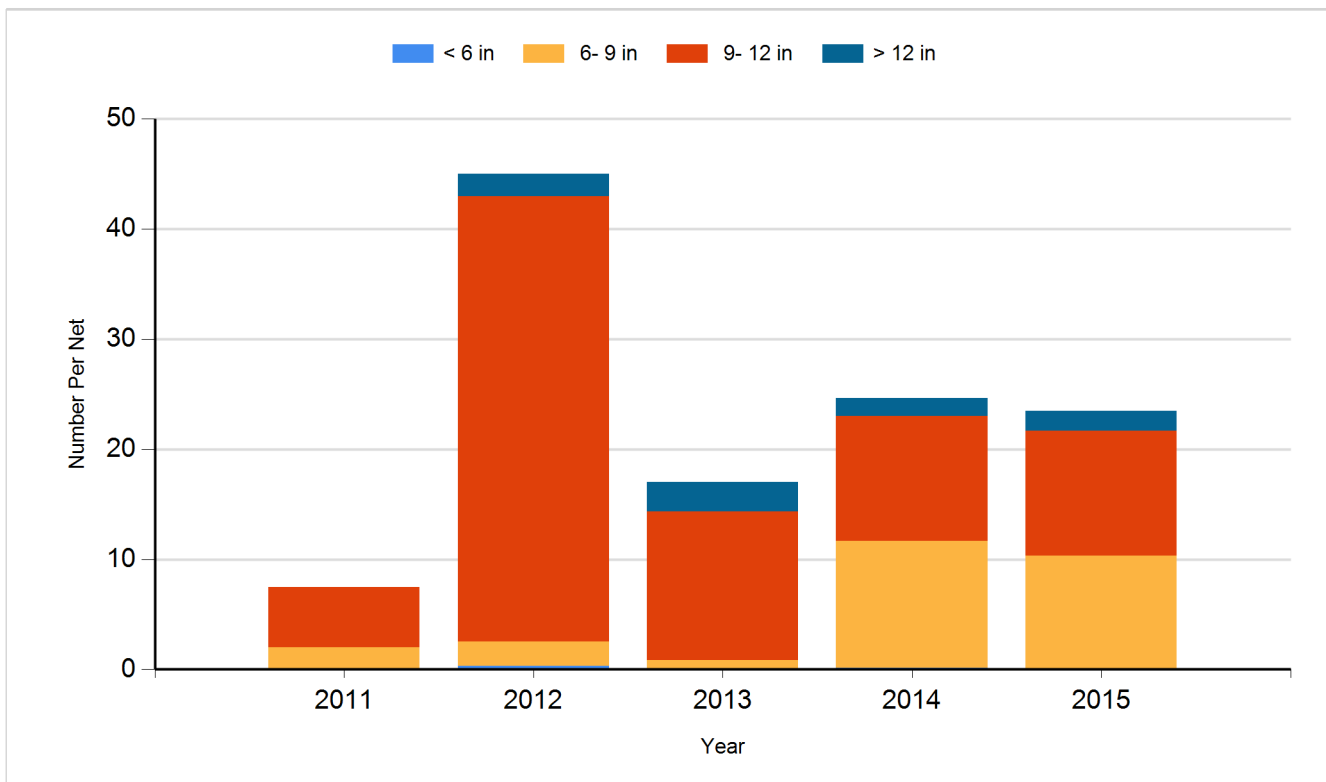
## Historic Fish Sizes and Relative Abundance

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

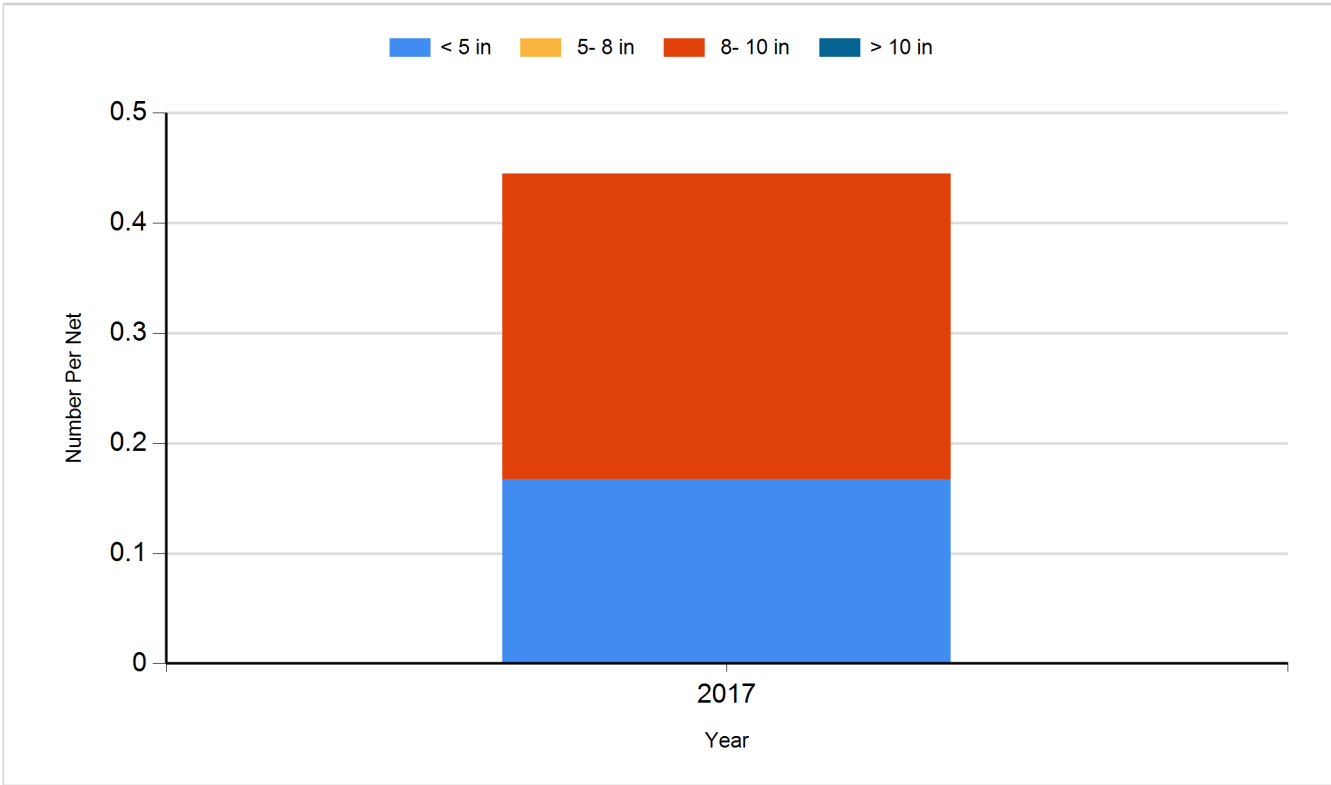
Species: Black Bullhead  
Gear: AFS std gill net



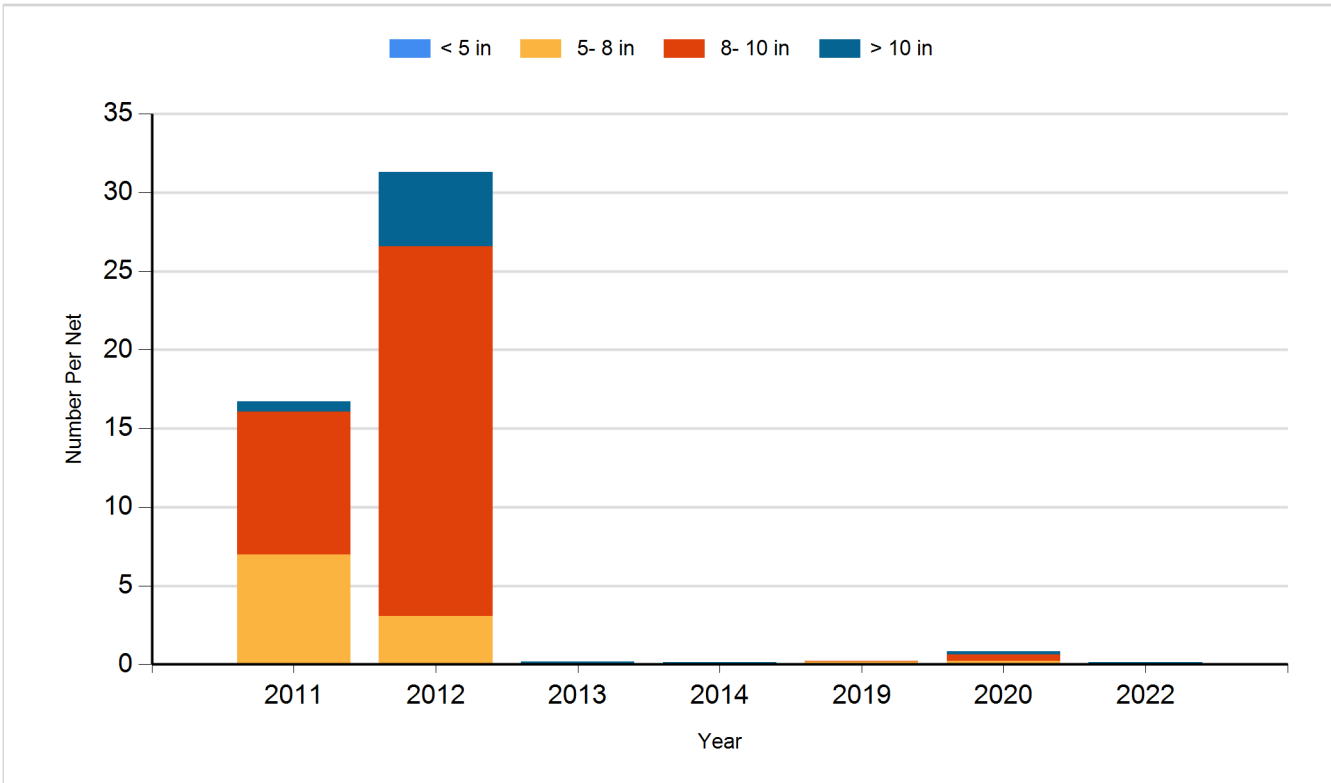
Species: Black Bullhead  
Gear: std exp gill net



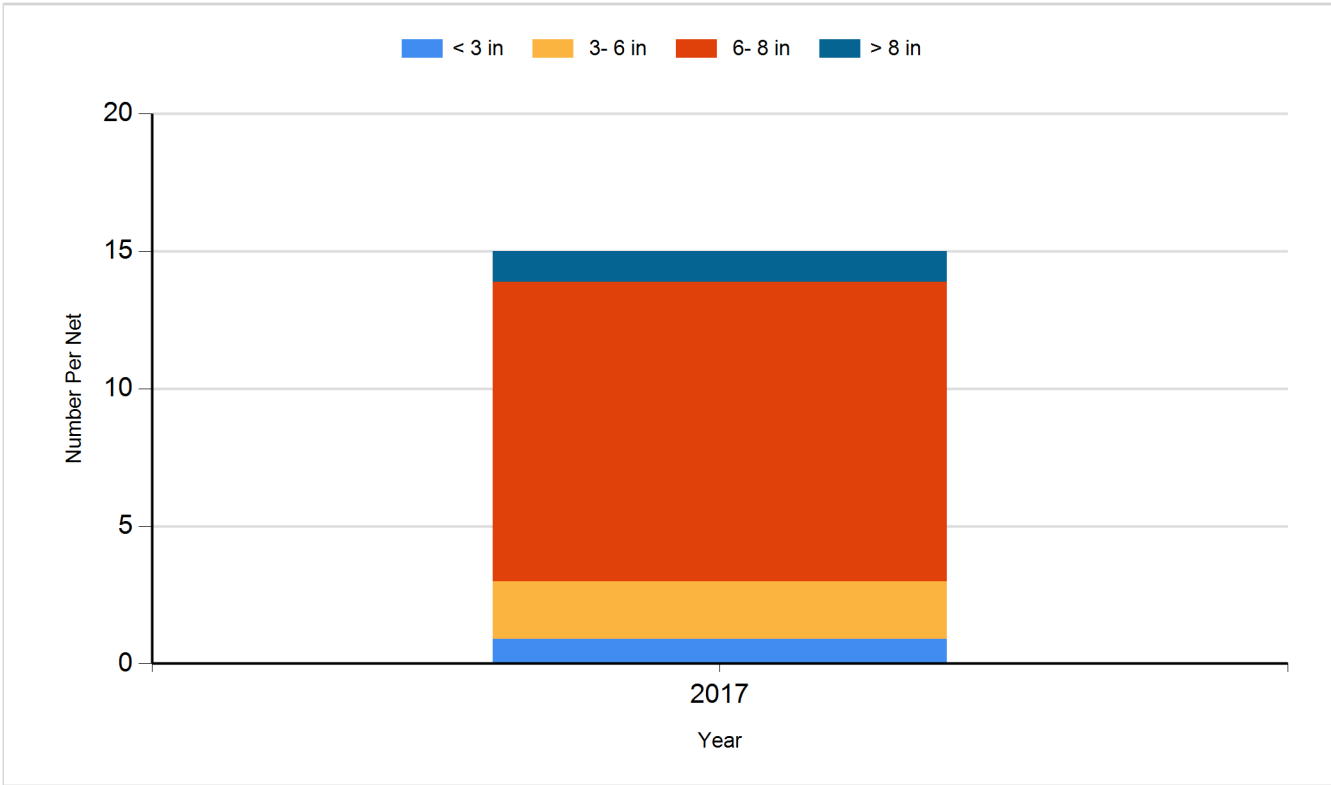
Species: Black Crappie  
Gear: AFS std frame net



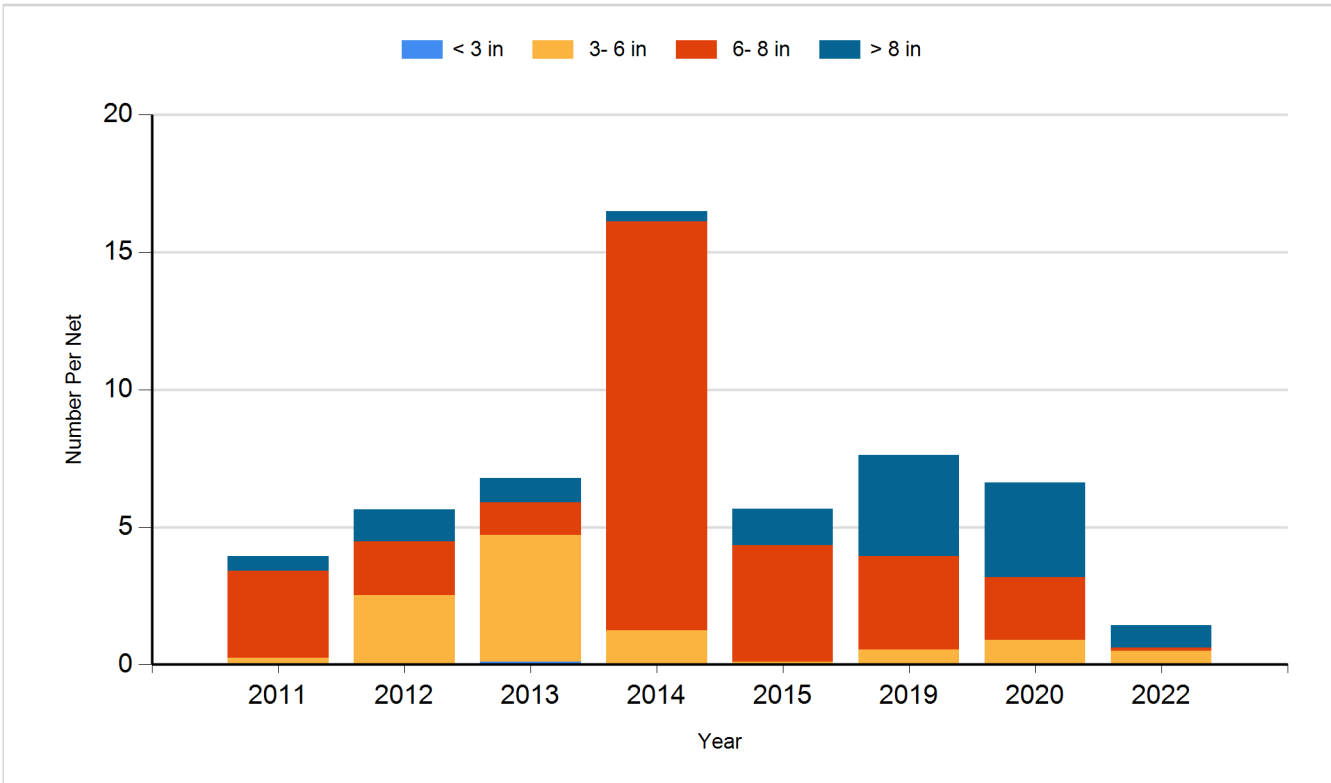
Species: Black Crappie  
Gear: frame net (std 3/4 in)



Species: Bluegill  
Gear: AFS std frame net

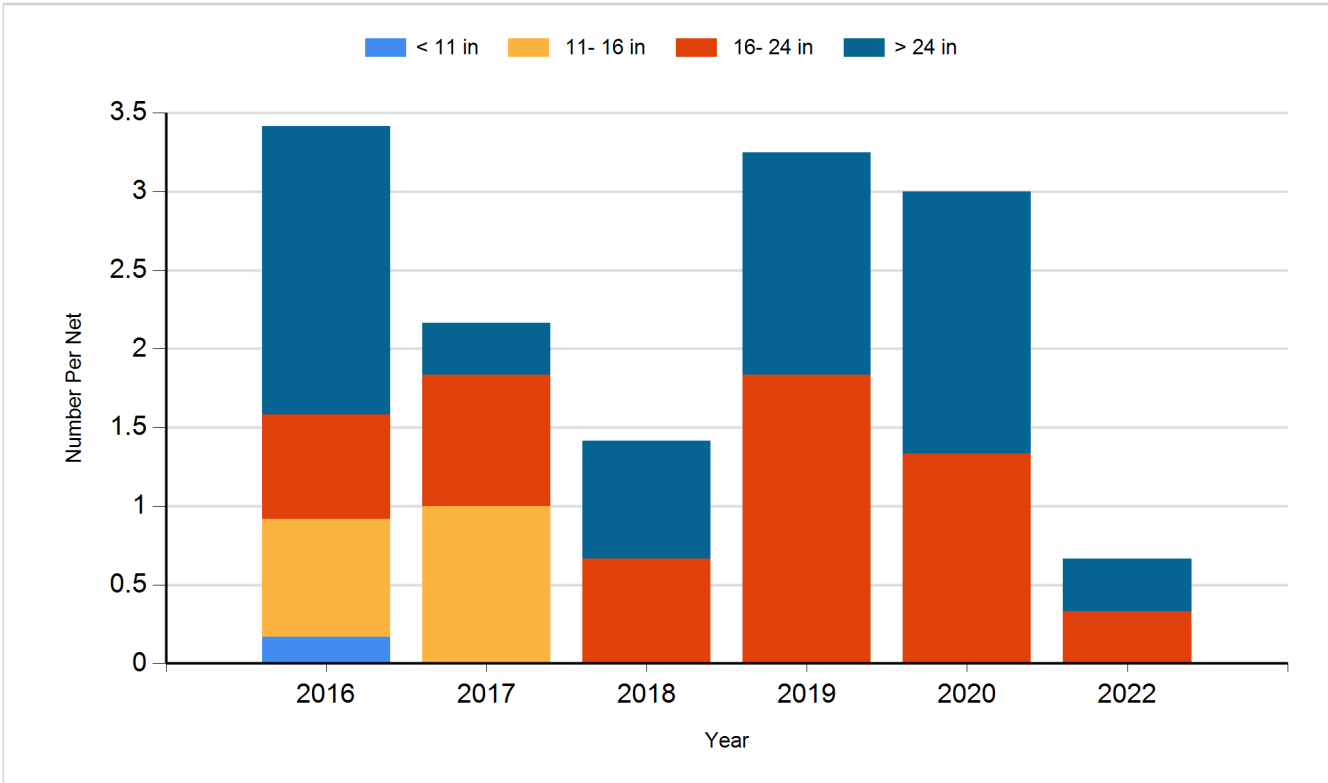


Species: Bluegill  
Gear: frame net (std 3/4 in)

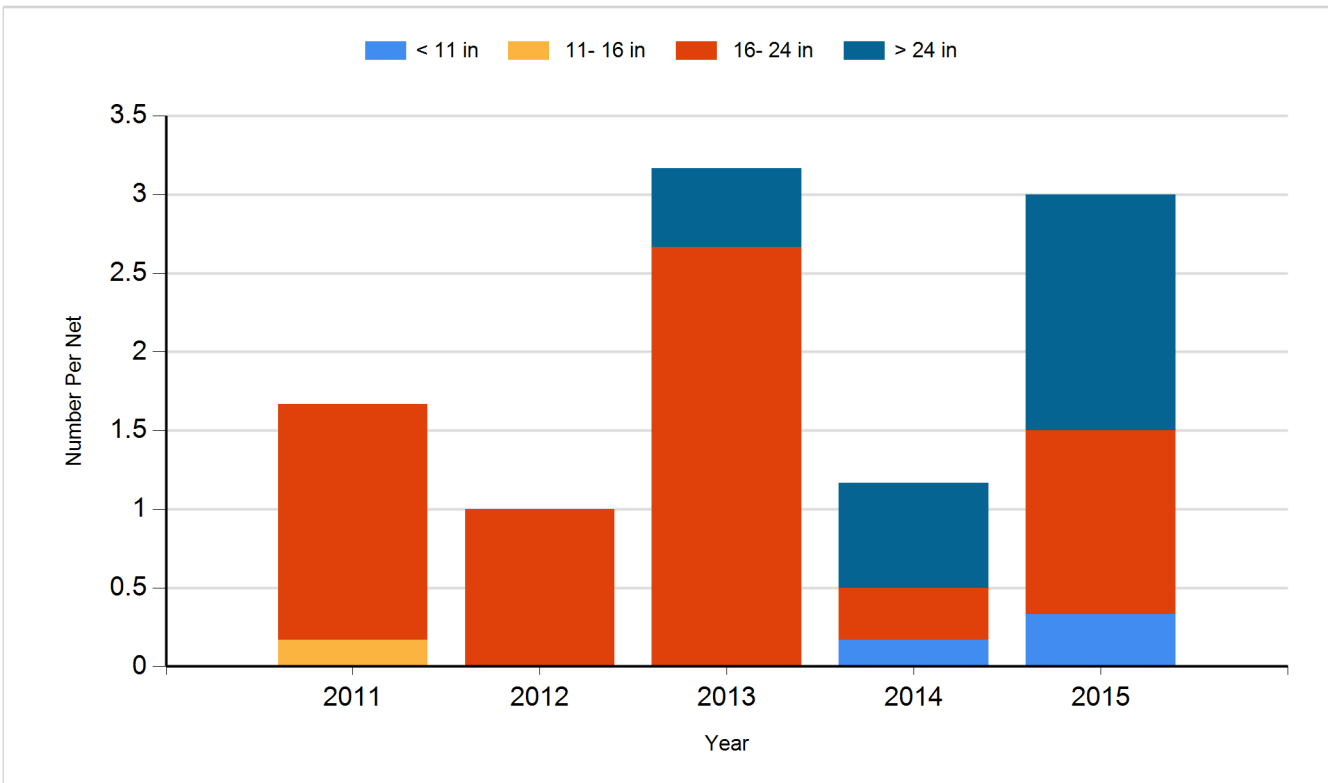




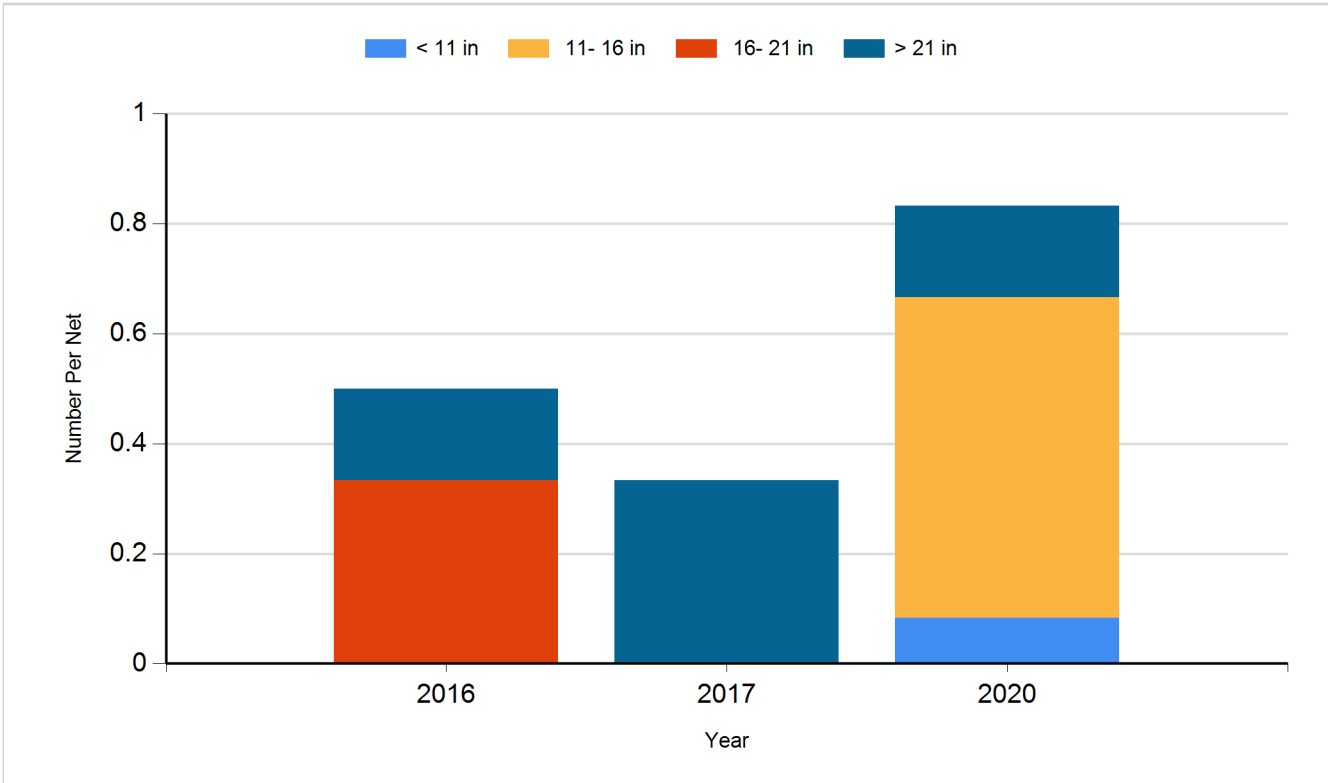
Species: Channel Catfish  
Gear: AFS std gill net



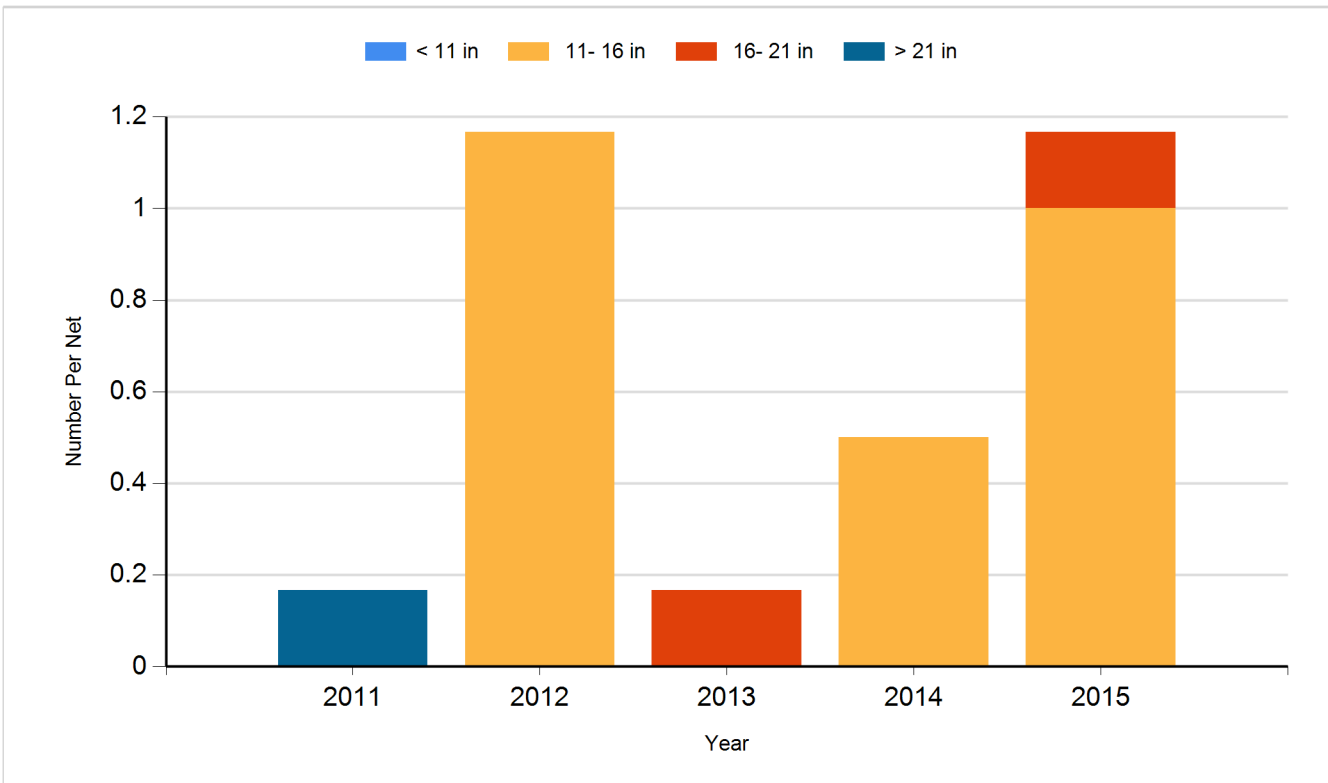
Species: Channel Catfish  
Gear: std exp gill net



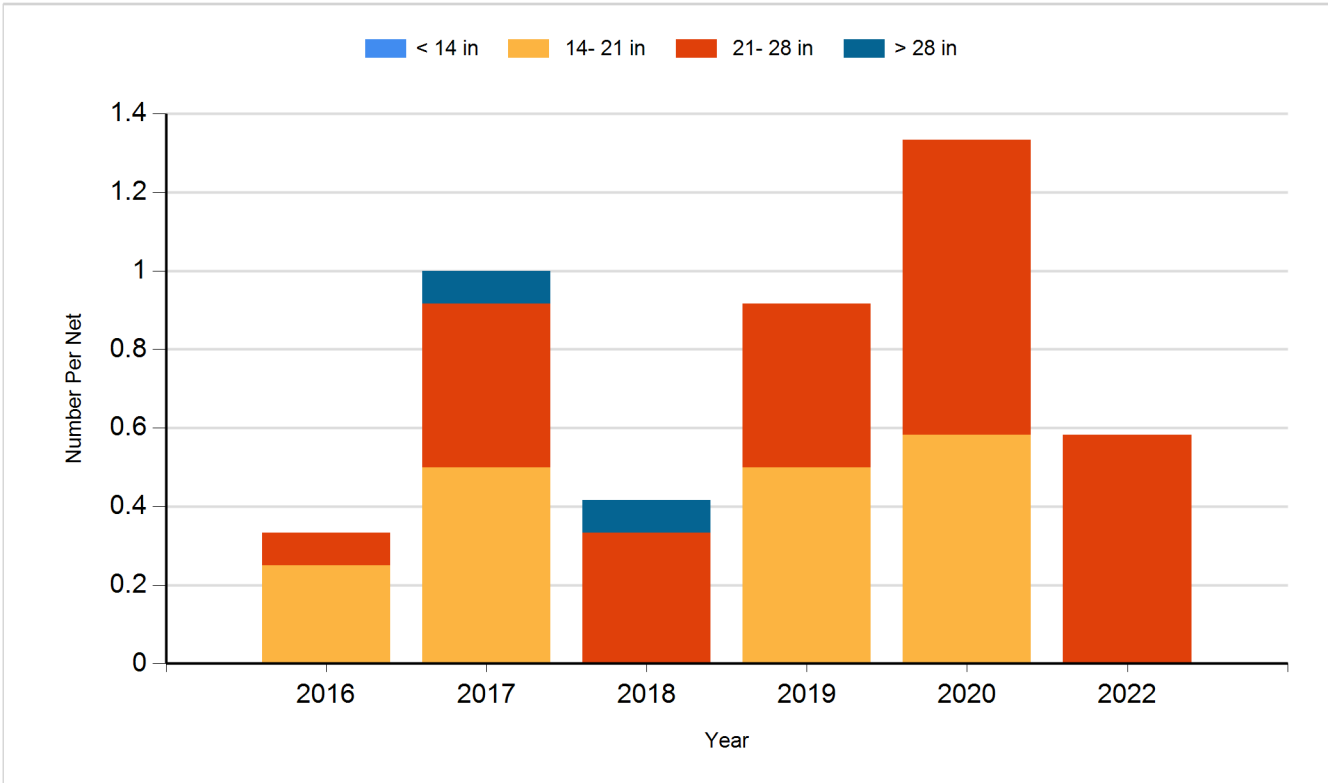
Species: Common Carp  
Gear: AFS std gill net



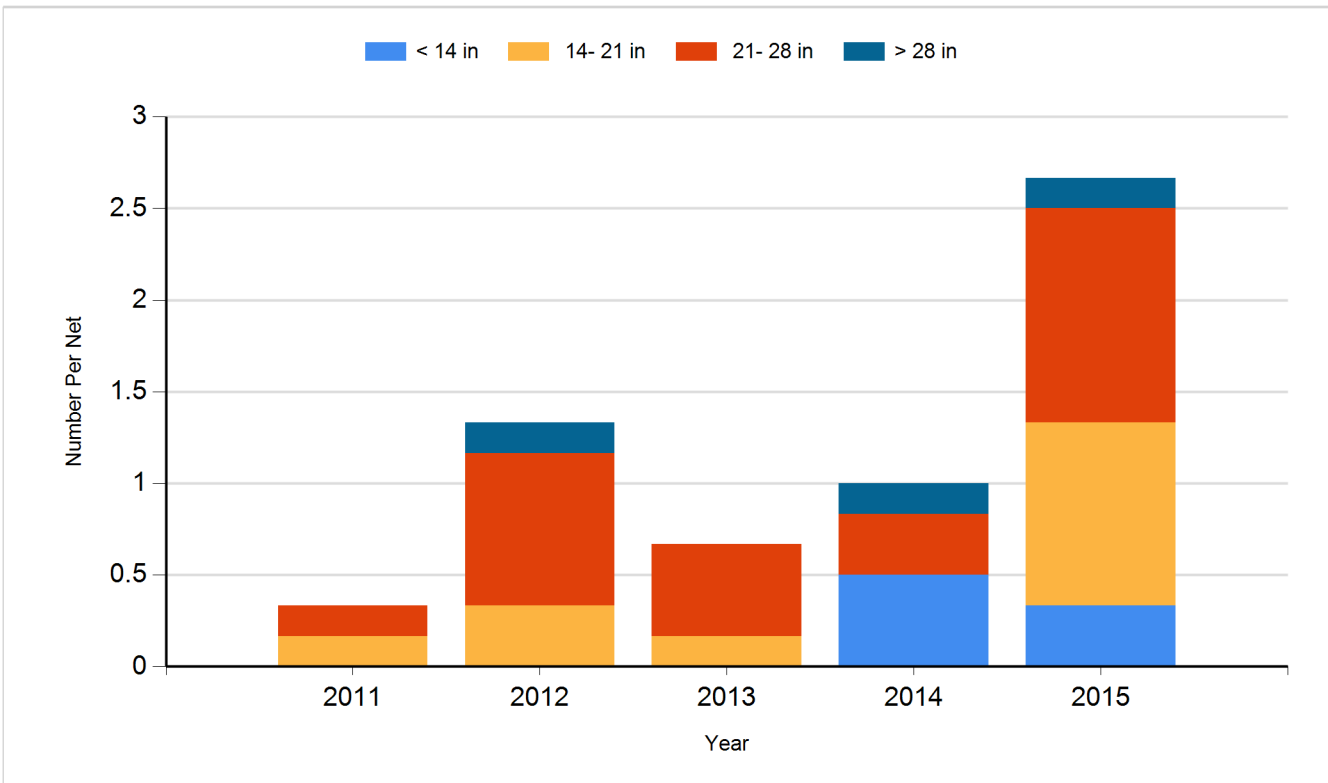
Species: Common Carp  
Gear: std exp gill net



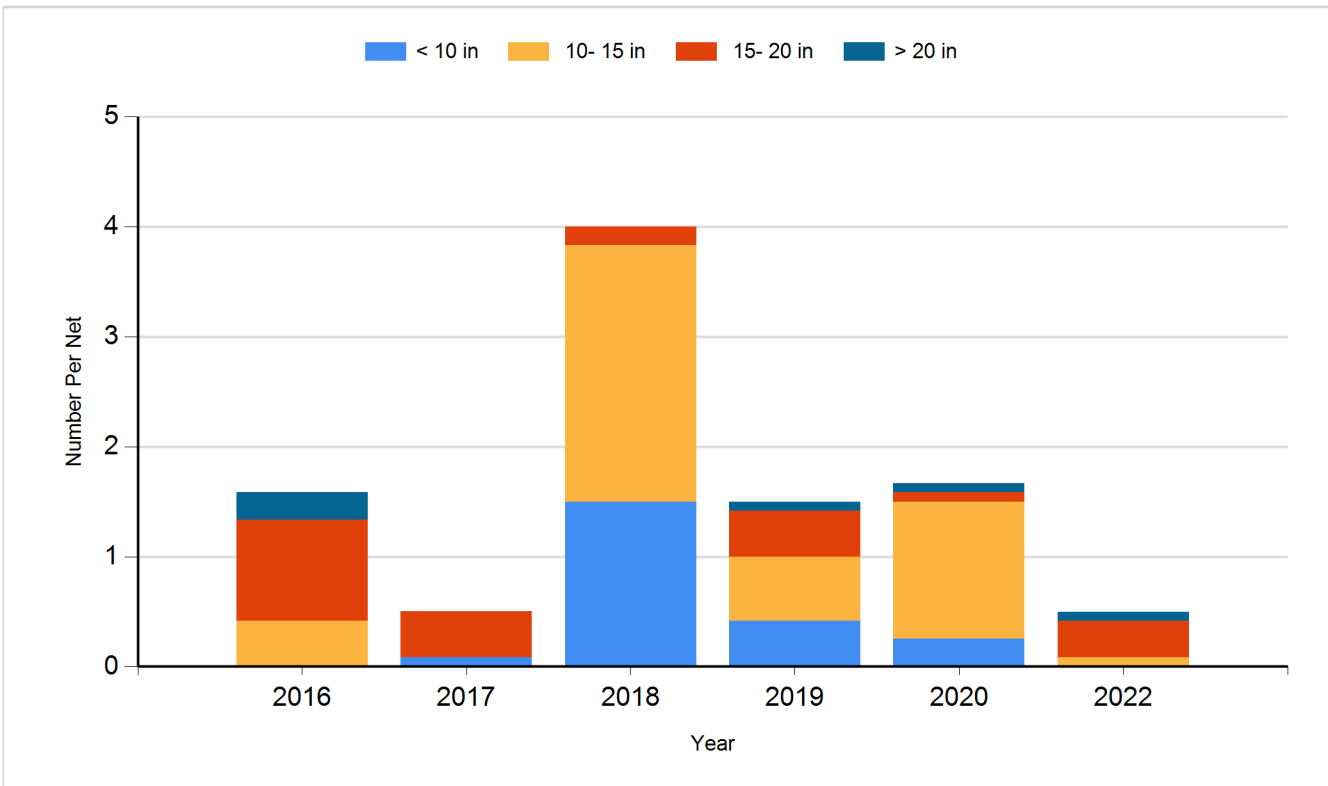
Species: Northern Pike  
Gear: AFS std gill net



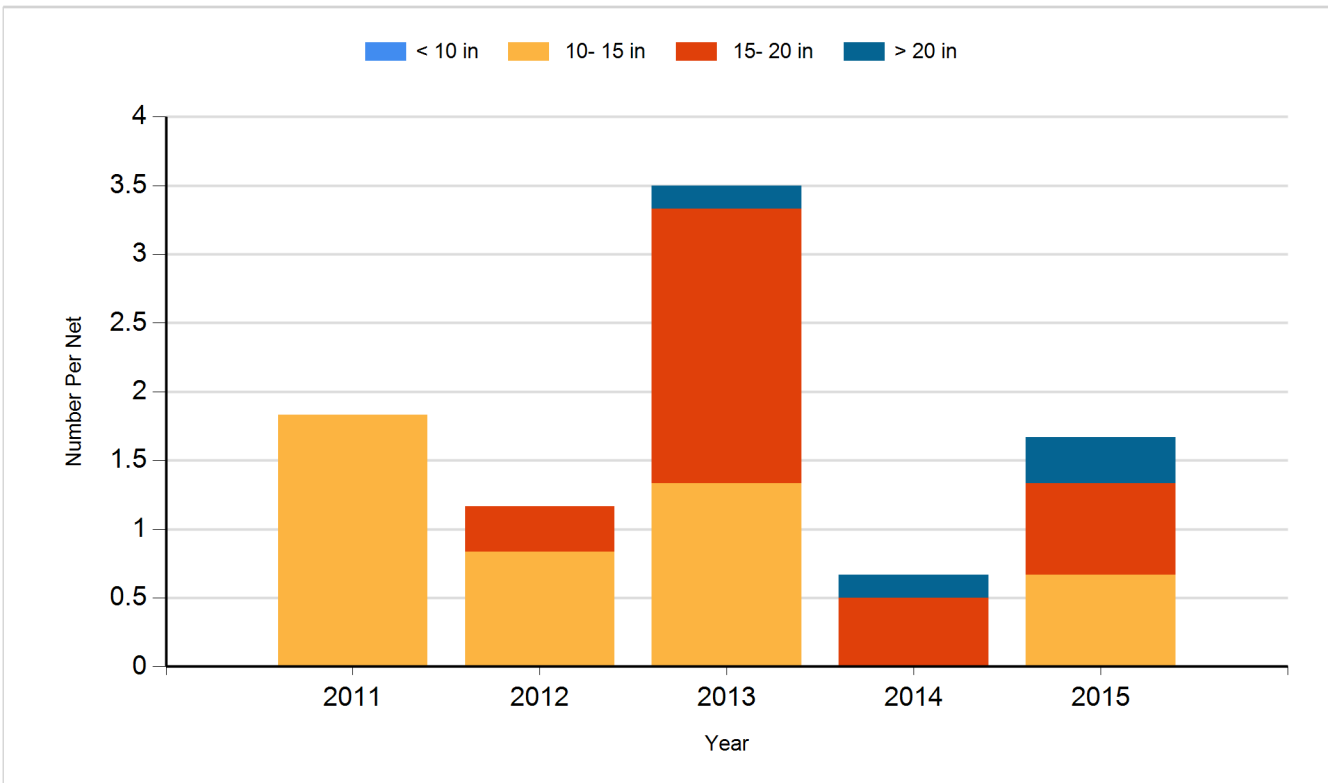
Species: Northern Pike  
Gear: std exp gill net



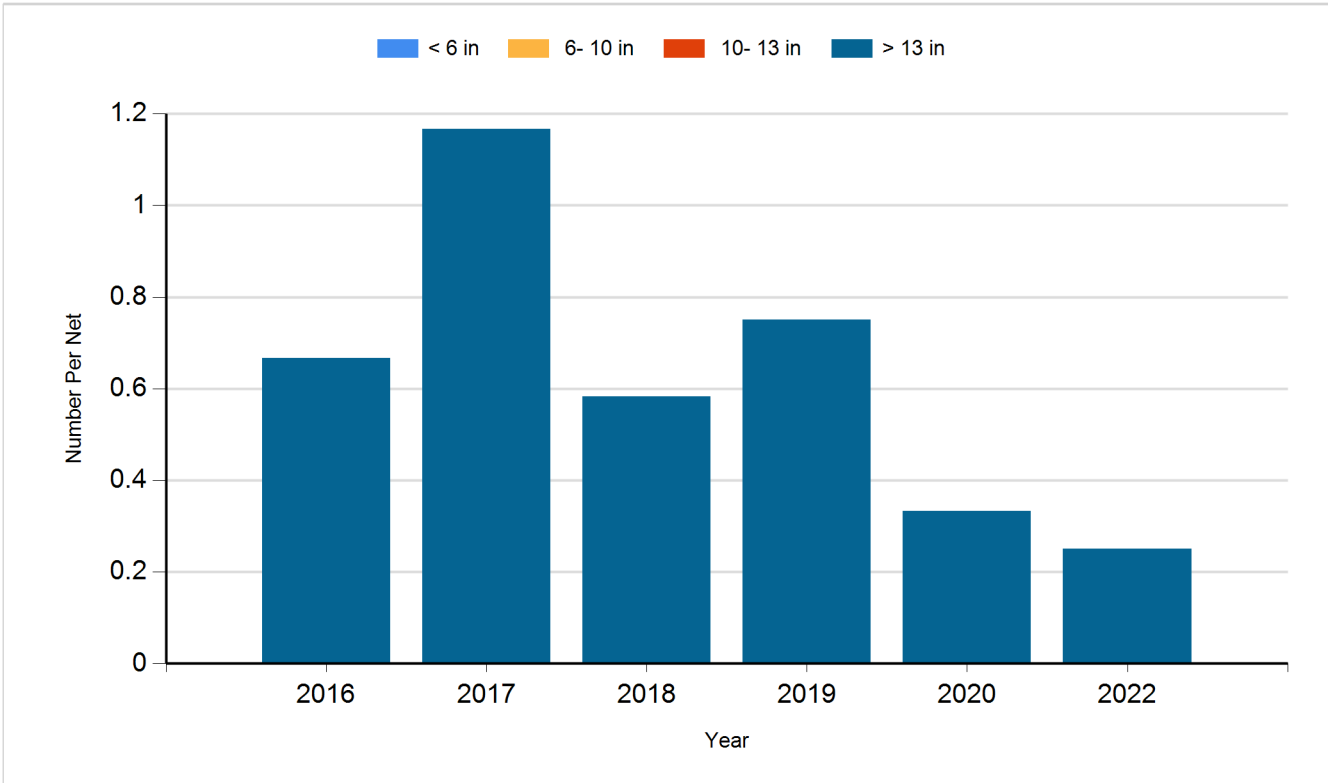
Species: Walleye  
Gear: AFS std gill net



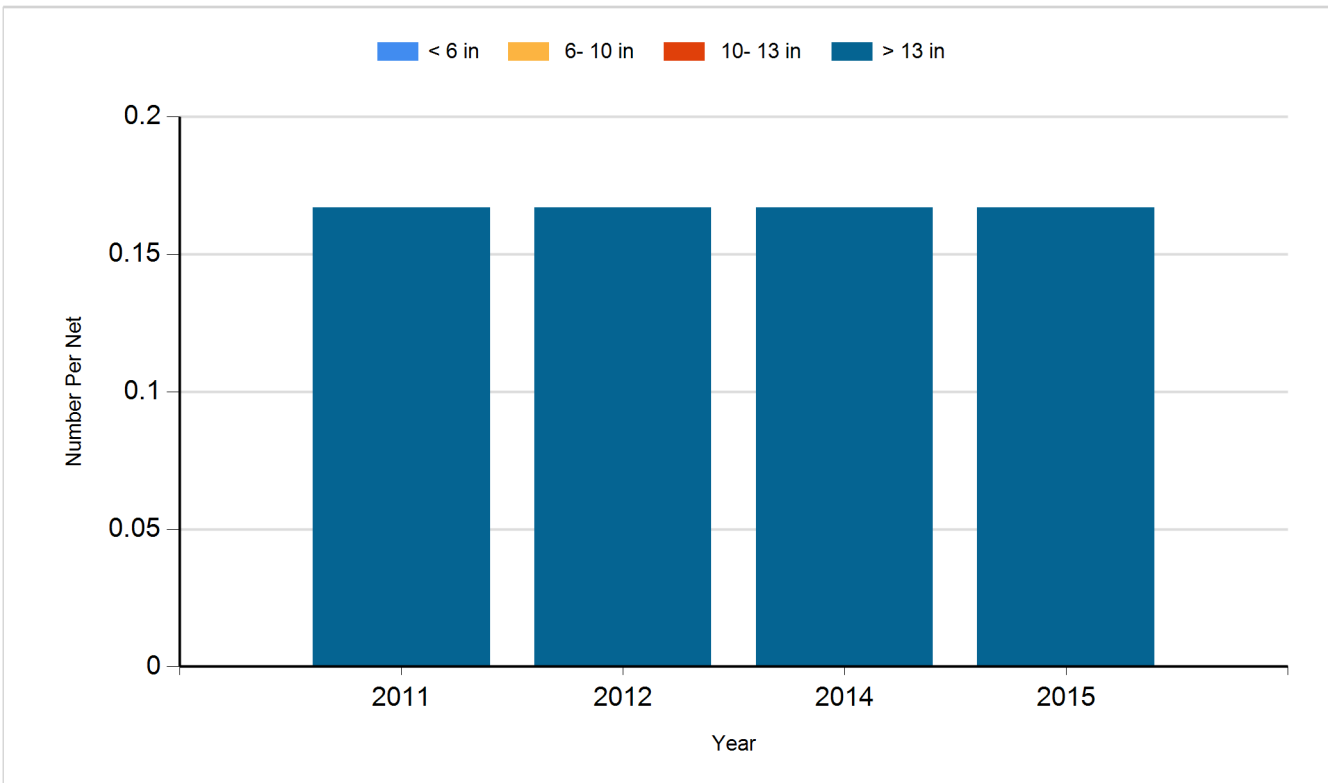
Species: Walleye  
Gear: std exp gill net



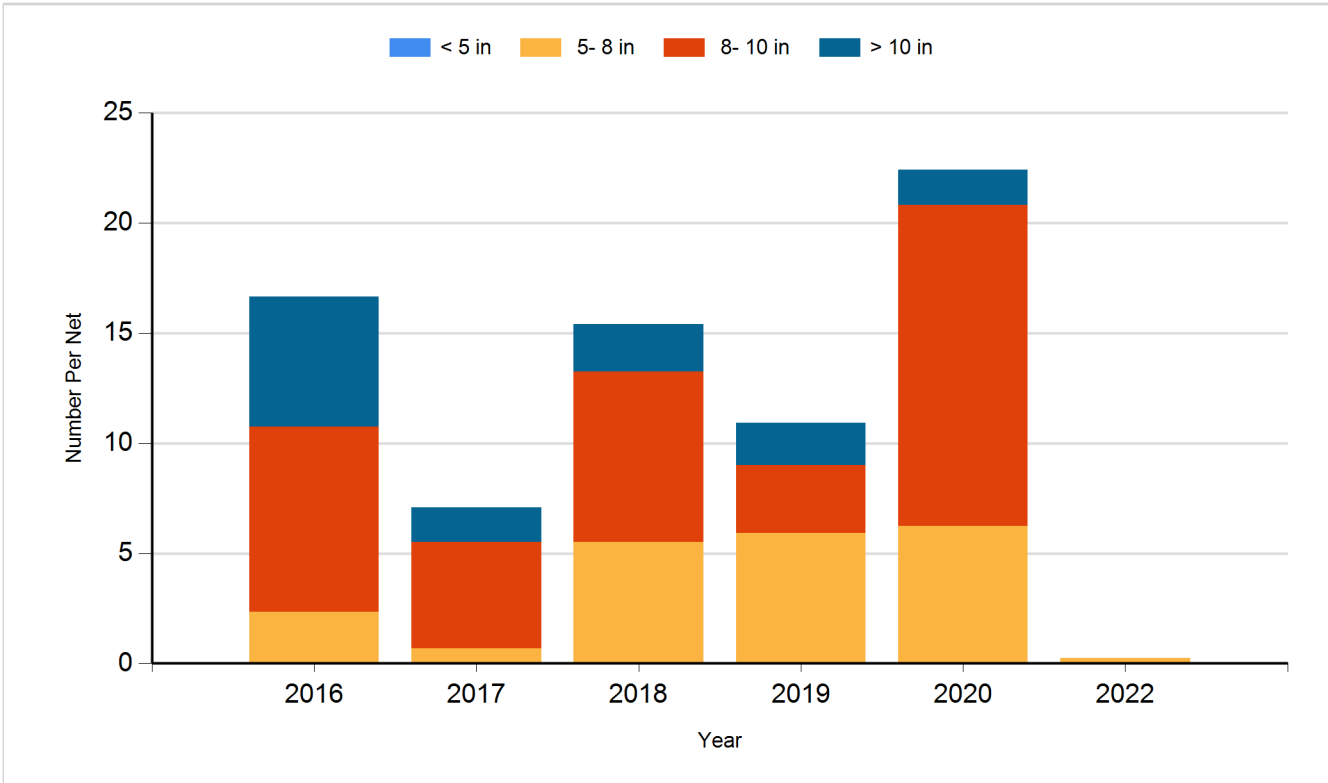
Species: White Sucker  
Gear: AFS std gill net



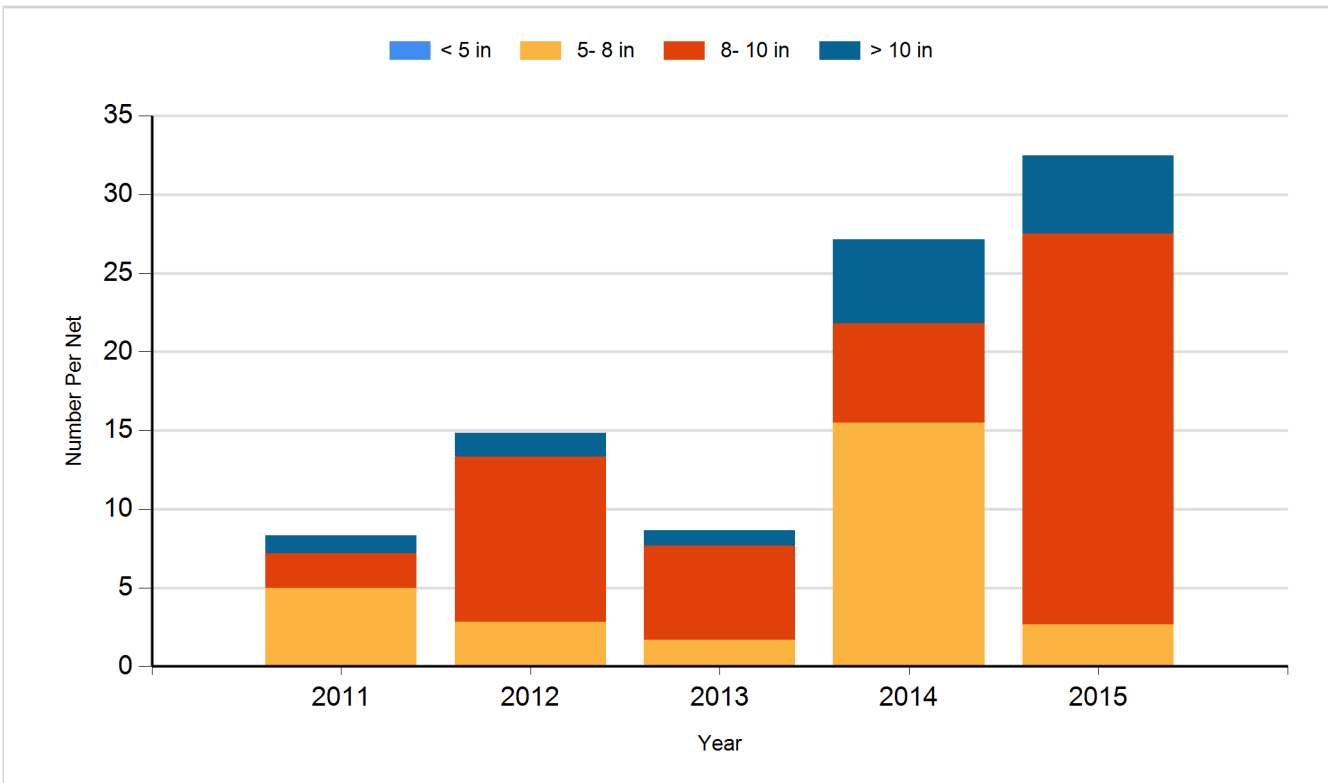
Species: White Sucker  
Gear: std exp gill net



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.

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Year	Species	Size	Number
2011	Walleye	Small Fingerling	79,980
2012	Channel Catfish	Fingerling	17,075
2012	Walleye	Large Fingerling	7,485
2012	Walleye	Small Fingerling	80,850
2013	Walleye	Small Fingerling	48,900
2014	Walleye	Small Fingerling	79,906
2015	Walleye	Small Fingerling	80,060
2016	Saugeye	Small Fingerling	115,890
2017	Saugeye	Small Fingerling	65,420
2018	Saugeye	Small Fingerling	60,180
2019	Saugeye	Small Fingerling	60,900
2021	Saugeye	Juvenile	61,100
2022	Saugeye	Juvenile	61,420

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