

SOUTH DAKOTA STATEWIDE FISHERIES SURVEY

Madison, Lake County

LBS-Lake-135-000

2021

Lake Information

Name: Madison

County: Lake

Legal Description: T106-R51,52-Sec. 21-23, 25-27, 29, 30-32 **OHWM Elevation:** 1,604

Surface Area: 2,703 Acres **Outlet Elevation:** 1,603

Surveys and Investigations

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

Gear	Date	Effort
AFS std gill net	Jul 12, 2021	6 net-nights
AFS std gill net	Jul 14, 2021	4 net-nights
frame net (std 3/4 in)	Jul 12, 2021	5 net-nights
frame net (std 3/4 in)	Jul 14, 2021	5 net-nights

Common Fish Species Present

Walleye

Bigmouth Buffalo

White Bass

White Sucker

Black Bullhead

Bluegill

Yellow Perch

Smallmouth Bass

Common Carp

Black Crappie

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.

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

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	Bigmouth Buffalo	10	1.0	0.9	40		0			
	Black Bullhead	41	4.1	1.8	80	10	27	11		
	Common Carp	8	0.7	0.3	100		43			
	Northern Pike	5	0.5	0.3	100		0		58	11
	Walleye	10	1.0	0.5	20		10		78	5
	White Bass	32	3.2	0.8	100		72	12	85	1
	White Sucker	88	8.8	3.0	100		91	5		
	Yellow Perch	60	6.0	1.6	90	6	57	9	111	2
frame net (std 3/4 in)	Bigmouth Buffalo	218	21.8	8.2	88	3	16	3		
	Black Bullhead	85	8.5	2.5	96		34	7		
	Black Crappie	21	2.1	0.9	95		38	17	104	4
	Bluegill	60	6.0	2.3	98		62	9	121	2
	Common Carp	36	3.5	0.9	97		17	10		
	Northern Pike	16	1.6	0.4	75		0		79	8
	Smallmouth Bass	43	4.3	1.5	67	11	21	10	90	2
	Sunfish Hybrid	6	0.0	0.0						
	Walleye	30	3.0	1.1	0		0		84	1
	White Bass	154	15.4	5.1	100		69	5	85	1
	White Sucker	26	2.6	1.0	100		100			
	Yellow Perch	5	0.5	0.4	100		40		104	3

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	
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
AFS std frame net	Bigmouth Buffalo						1.2						1.20
	Black Bullhead						2.9						2.90
	Black Crappie						1.4						1.40
	Bluegill						0.5						0.50
	Common Carp						3.1						3.10
	Northern Pike						0.4						0.40
	Smallmouth Bass						1.9						1.90
	Sunfish Hybrid						0.0						0.00
	Walleye						0.9						0.90
	White Bass						1.5						1.50
White Sucker						0.7						0.70	
AFS std gill net	Bigmouth Buffalo						1.1	0.7	1.1	1.6	1.0	1.10	
	Black Bullhead						4.9	3.7	1.7	5.0	4.1	3.88	
	Black Crappie						0.0	0.2	0.0	0.0	0.0	0.04	
	Bluegill						0.3	0.1	0.0	0.0	0.0	0.08	
	Common Carp						3.6	2.0	1.6	0.9	0.7	1.76	
	Northern Pike						0.0	0.1	0.0	0.1	0.5	0.14	
	Smallmouth Bass						0.3	0.5	0.0	0.2	0.0	0.20	
	Walleye						3.3	2.7	2.9	2.2	1.0	2.42	
	White Bass						6.6	9.8	9.5	4.4	3.2	6.70	
	White Sucker						8.5	3.7	2.2	4.2	8.8	5.48	
Yellow Perch						9.4	11.4	8.2	11.8	6.0	9.36		
fall night EF-WAE*	Walleye	2.5	113.5	31.0	10.0							39.25	
	Yellow Perch	0.0	0.0	0.0	0.0							0.00	
frame net (std 3/4 in)	Bigmouth Buffalo	5.7	3.6	8.0	9.3	9.1		6.2	1.8	3.3	21.8	7.64	
	Black Bullhead	73.9	24.0	301.9	61.0	21.5		14.0	4.8	29.9	8.5	59.94	
	Black Crappie	8.3	0.1	2.1	1.7	3.6		4.1	0.6	1.3	2.1	2.66	
	Bluegill	1.4	0.7	8.6	1.7	3.8		2.7	2.3	3.7	6.0	3.43	
	Channel Catfish	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.00	
	Common Carp	8.2	6.3	16.6	14.2	7.6		12.6	6.1	7.7	3.5	9.20	
	Green Sunfish	0.0	0.2	0.4	0.2	0.1		0.0	0.7	0.1	0.0	0.19	
	Northern Pike	0.9	0.4	0.2	0.3	0.1		0.4	0.3	1.0	1.6	0.58	
	Smallmouth Bass	0.1	0.1	3.5	0.9	2.4		5.3	6.3	4.2	4.3	3.01	
	Sunfish Hybrid	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.00	

		CPUE										
Gear	Species	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Avg
frame net (std 3/4 in)	Walleye	16.8	0.2	0.2	0.7	1.7		0.8	0.3	0.6	3.0	2.70
	White Bass	5.1	0.2	0.0	0.5	4.8		0.8	2.2	4.2	15.4	3.69
	White Sucker	5.6	2.2	0.8	3.4	2.5		0.4	0.0	6.6	2.6	2.68
	Yellow Perch	5.5	0.6	2.2	0.4	0.8		1.9	0.4	1.6	0.5	1.54
std exp gill net	Bigmouth Buffalo	1.0	0.0	0.8	0.8	0.0						0.52
	Black Bullhead	19.7	15.8	63.4	91.0	7.8						39.54
	Black Crappie	0.0	0.0	0.2	0.3	0.0						0.10
	Bluegill	0.3	0.0	0.0	0.5	0.0						0.16
	Channel Catfish	0.0	0.0	0.2	0.3	0.2						0.14
	Common Carp	0.3	0.0	1.4	3.5	2.2						1.48
	Green Sunfish	0.0	0.0	0.0	0.0	0.0						0.00
	Northern Pike	0.7	0.0	0.2	0.0	0.2						0.22
	Smallmouth Bass	0.0	0.0	0.6	0.0	0.0						0.12
	Spottail Shiner	0.0	0.0	0.0	0.0	0.0						0.00
	Walleye	23.7	9.6	7.0	7.3	17.8						13.08
	White Bass	0.0	1.2	0.8	0.8	0.8						0.72
	White Sucker	14.7	11.6	20.0	11.0	13.6						14.18
	Yellow Bullhead	0.0	0.0	0.0	0.0	0.0						0.00
	Yellow Perch	130.0	6.0	24.2	8.3	15.6						36.82

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												
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021			
AFS std frame net	Bigmouth Buffalo	PSD								83					
		PSD-P								8					
	Black Bullhead	PSD								100					
		PSD-P								79					
	Black Crappie	PSD								43					
		PSD-P								36					
	Bluegill	Wr								111					
		PSD								80					
		PSD-P								20					
	Common Carp	Wr								144					
		PSD								100					
		PSD-P								32					
	Smallmouth Bass	PSD								53					
		PSD-P								16					
		Wr								89					
	Walleye	PSD								44					
		PSD-P								0					
		Wr								76					
	White Bass	PSD								87					
		PSD-P								73					
Wr									85						
White Sucker	PSD								100						
	PSD-P								100						
AFS std gill net	Bigmouth Buffalo	PSD							27	57	0	19	40		
		PSD-P							0	14	0	6	0		
	Black Bullhead	PSD							98	100	76	86	80		
		PSD-P							80	95	59	18	27		
	Black Crappie	PSD								50					
		PSD-P								0					
		Wr								102					
	Bluegill	PSD							100	100					
		PSD-P							33	100					
		Wr							119	118					

Gear	Species	Index	Year											
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
AFS std gill net	Common Carp	PSD							100	100	94	78	100	
		PSD-P							22	90	88	56	43	
		Wr												
	Smallmouth Bass	PSD								0	20		100	
		PSD-P								0	20		0	
		Wr								94	90		79	
	Walleye	PSD								52	30	21	41	20
		PSD-P								9	19	3	9	10
		Wr								80	83	85	84	78
	White Bass	PSD								86	100	92	89	100
		PSD-P								35	97	80	73	72
		Wr								93	87	87	90	85
	White Sucker	PSD								98	78	95	98	100
		PSD-P								94	78	91	79	91
		Wr												
Yellow Perch	PSD								44	75	40	78	90	
	PSD-P								26	48	33	25	57	
	Wr								105	107	109	111	111	
frame net (std 3/4 in)	Bigmouth Buffalo	PSD	40	31	66	13	84			90	83	48	88	
		PSD-P	12	3	10	3	8				18	33	15	16
		Wr	89	104										
	Black Bullhead	PSD	95	99	25	90	97				97	98	95	96
		PSD-P	24	31	16	16	30				91	88	43	34
		Wr	90	103										
	Black Crappie	PSD	100	100	14	100	100				100	100	92	95
		PSD-P	11	100	14	12	86				56	83	92	38
		Wr	93	105	107	107	106				100	101	100	104
	Bluegill	PSD	64	83	6	100	97				100	100	97	98
		PSD-P	43	83	2	6	97				48	78	30	62
		Wr	95	110	125	118	115				111	118	121	121
	Common Carp	PSD	98	100	8	85	87				99	98	92	97
		PSD-P	20	72	7	4	37				84	90	26	17
		Wr	101	100										
	Smallmouth Bass	PSD	100	100	0	0	38				32	57	60	67
		PSD-P	0	100	0	0	0				8	13	7	21
		Wr	88	102	100	97	97				88	90	89	90
	Walleye	PSD	2	0	50	29	0				50	33	17	0
		PSD-P	2	0	0	14	0				13	0	0	0
		Wr	86	97	83	79	81				84	80	82	84

Gear	Species	Index	Year									
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
frame net (std 3/4 in)	White Bass	PSD	100	100		60	98		100	100	93	100
		PSD-P	84	100		20	38		100	73	88	69
		Wr	84	100		92	92		84	89	85	85
	White Sucker	PSD	100	100	50	100	100		100	0	100	100
		PSD-P	86	95	50	91	100		100	0	92	100
		Wr	84	103								
	Yellow Perch	PSD	96	0	9	100	13		63	50	94	100
		PSD-P	24	0	0	75	13		32	25	31	40
		Wr	90	123	93	98	97		108	106	96	104
std exp gill net	Bigmouth Buffalo	PSD	33		0	0						
		PSD-P	0		0	0						
		Wr	92									
	Black Bullhead	PSD	97	91	22	88	97					
		PSD-P	3	29	11	1	8					
		Wr	89	107								
	Black Crappie	PSD			0	100						
		PSD-P			0	0						
		Wr			116	117						
	Bluegill	PSD	100			100						
		PSD-P	0			100						
		Wr	98			110						
	Common Carp	PSD	100	0	0	100	91					
		PSD-P	0	0	0	14	73					
		Wr	85		58							
	Smallmouth Bass	PSD			33							
		PSD-P			33							
		Wr			99							
	Walleye	PSD	6	48	89	0	1					
		PSD-P	3	0	11	0	0					
		Wr	77	100	85	86	86					
	White Bass	PSD	0	100	100	0	100					
		PSD-P	0	50	100	0	25					
		Wr		106	91	98	97					
	White Sucker	PSD	98	93	38	98	94					
		PSD-P	77	90	26	64	91					
		Wr	87	113								
Yellow Perch	PSD	87	17	3	82	37						

Gear	Species	Index	Year										
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
std exp gill net	Yellow Perch	PSD-P	12	3	2	24	36						
		Wr	91	112	106	110	108						

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+
2012	83		222 (74)		288 (3)	320 (5)	326 (1)				

Species: Bluegill

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2012	14	107 (5)		181 (1)	197 (1)	203 (6)	233 (1)				

Species: Walleye

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2019	30	224 (1)	304 (19)	369 (5)		425 (3)	541 (2)				
2018	44	243 (27)	328 (6)	343 (1)	388 (4)	383 (1)		564 (1)			651 (4)
2017	34	254 (4)	255 (2)	373 (10)	397 (15)				669 (1)		645 (2)
2016	90	238 (1)	284 (56)	314 (32)	425 (1)						
2015	101	196 (48)	254 (53)								
2014	68	206 (37)	415 (1)	436 (8)	462 (19)	496 (1)	558 (2)				
2013	48		334 (7)	386 (41)							
2012	74	250 (8)	303 (63)		515 (2)	536 (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+
2017	94	171 (53)	247 (28)	275 (1)	281 (12)						
2015	33	166 (6)	240 (27)								
2014	121	173 (119)	251 (1)		318 (1)						
2013	30	165 (25)	233 (3)	256 (2)							
2012	390	155 (35)	231 (347)	263 (4)		325 (4)					

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).

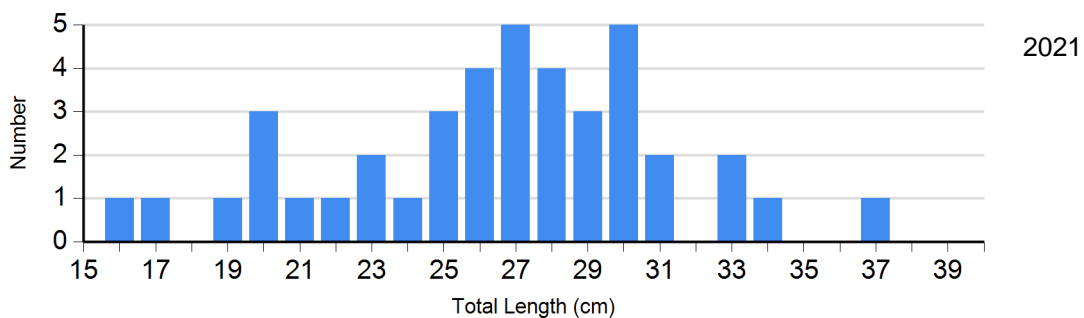
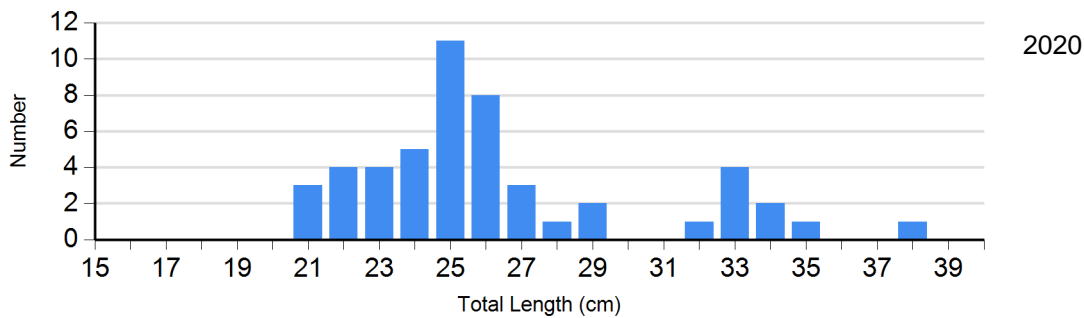
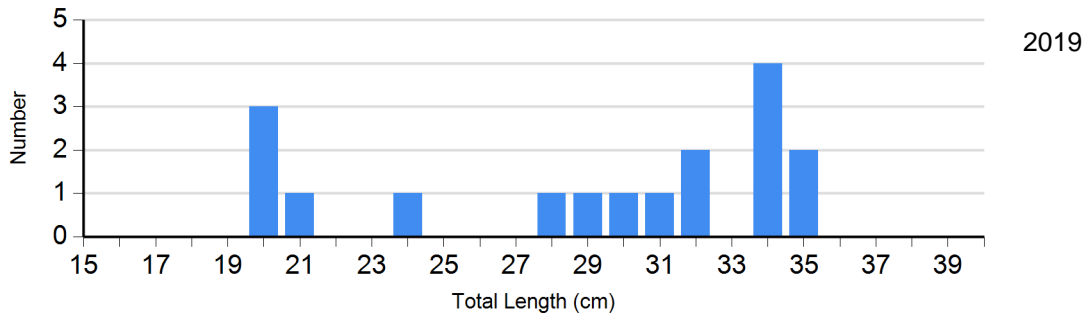
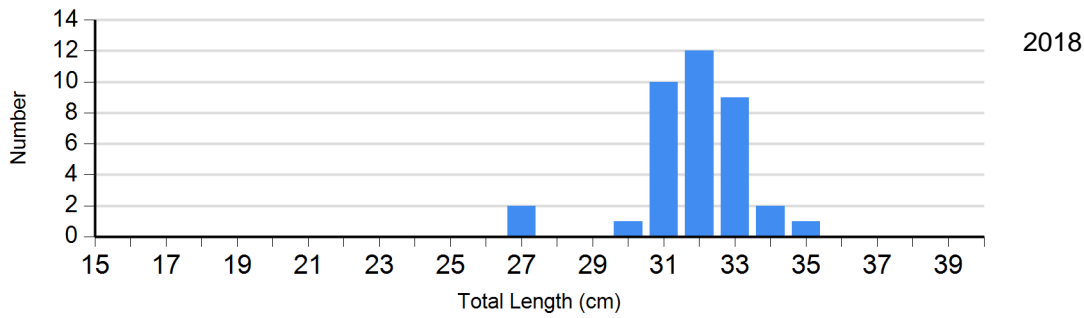
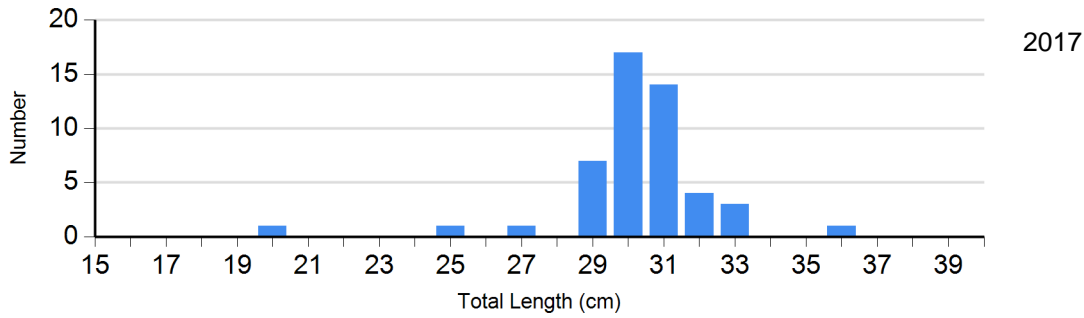
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Black Crappie Frame Net	2017	8	121 (4.5)	1	108	5	96 (3.5)	0	
	2018	0		18	105 (1.5)	14	97 (1.1)	9	94 (2.5)
	2019	0		1	96	5	102 (3.7)	0	
	2020	1	139	0		12	97 (1.1)	0	
	2021	1	116	12	111 (2.8)	5	98 (2.3)	3	85 (2.0)
Bluegill Frame Net	2017	1	133	3	117 (3.7)	1	234	0	
	2018	0		14	116 (3.0)	10	104 (3.1)	3	106 (4.7)
	2019	0		5	132 (7.0)	17	115 (2.0)	1	104
	2020	1		25	126 (1.6)	9	113 (2.8)	2	105 (6.3)
	2021	1		22	126 (1.4)	31	118 (1.7)	6	116 (3.6)
Walleye Gill Net	2017	16	80 (0.8)	14	80 (1.2)	0		3	82 (6.6)
	2018	19	84 (1.4)	3	71 (0.4)	2	79 (2.9)	3	86 (3.4)
	2019	23	82 (0.9)	5	95 (6.6)	1	90	0	
	2020	13	80 (2.2)	7	88 (3.1)	1	85	1	111
	2021	8	82 (2.2)	1	83	1	45	0	
White Bass Gill Net	2017	9	98 (3.2)	34	94 (1.0)	23	91 (1.0)	0	
	2018	0		3	93 (1.3)	94	87 (0.4)	1	
	2019	8	96	11	95 (3.2)	75	87 (0.7)	1	85
	2020	5	98 (6.2)	7	97 (4.2)	31	87 (0.9)	1	74
	2021	0		9	86 (1.5)	22	84 (1.3)	1	87
Yellow Perch Gill Net	2017	53	108 (1.0)	17	107 (2.6)	20	100 (2.7)	4	95 (2.7)
	2018	28	107 (1.9)	31	109 (1.2)	49	108 (1.0)	6	95 (3.1)

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	2019	49	107 (2.6)	6	118 (4.1)	19	112 (1.5)	8	100 (3.9)
	2020	26	110 (2.9)	63	110 (1.1)	20	114 (1.7)	9	108 (1.1)
	2021	6	116 (4.8)	20	110 (2.7)	27	111 (1.1)	7	107 (3.8)

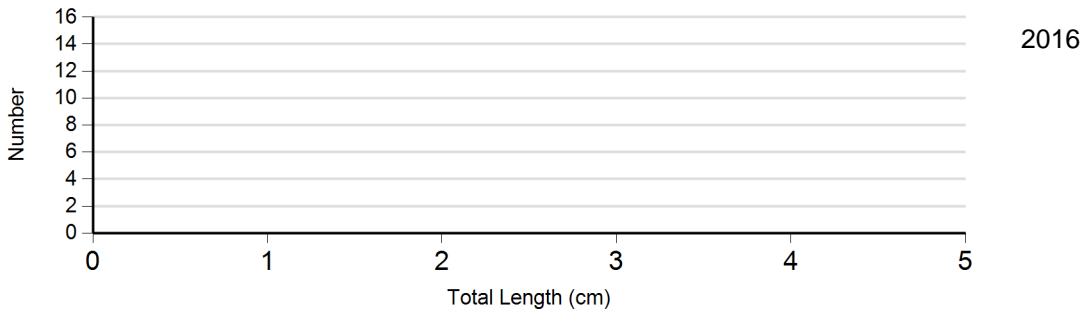
Length Frequency Distribution

Length frequency histogram of species sampled by year.

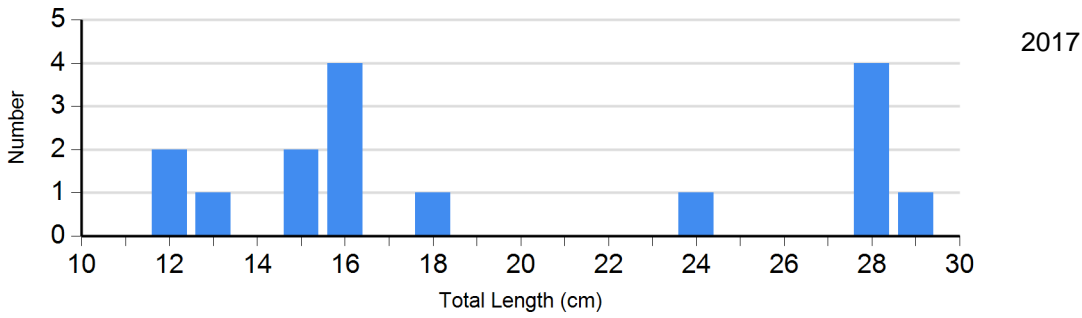
Species: Black Bullhead
Gear: AFS std gill net



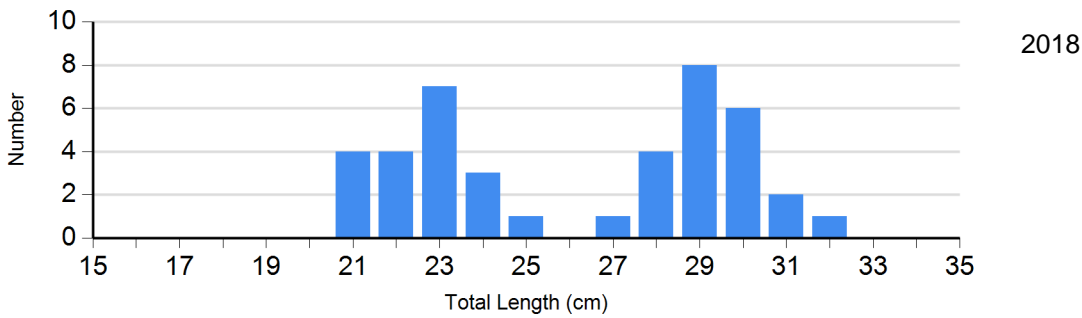
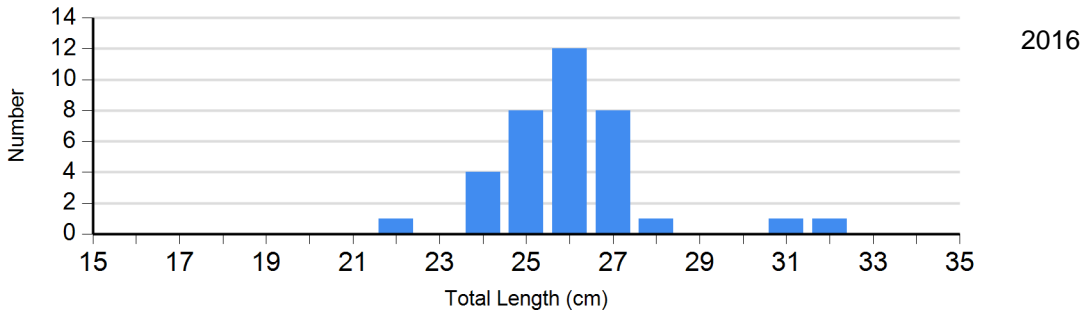
Species: Black Bullhead
Gear: std exp gill net

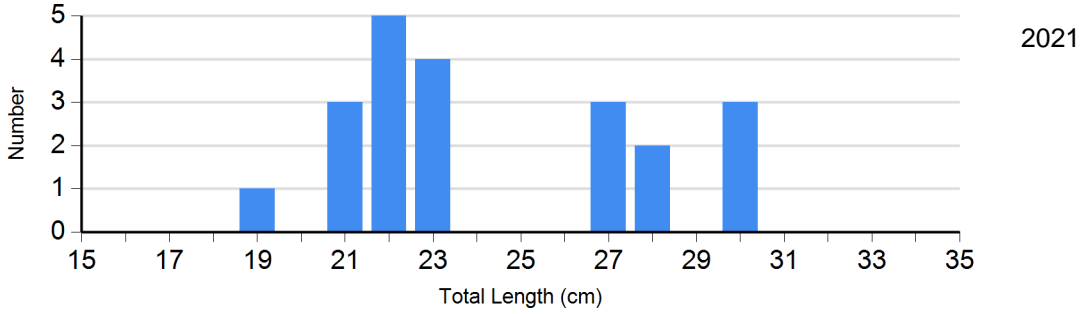
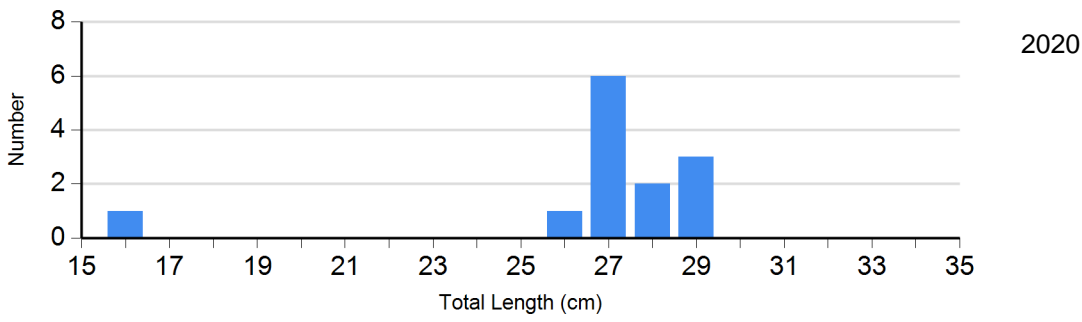


Species: Black Crappie
Gear: AFS std frame net

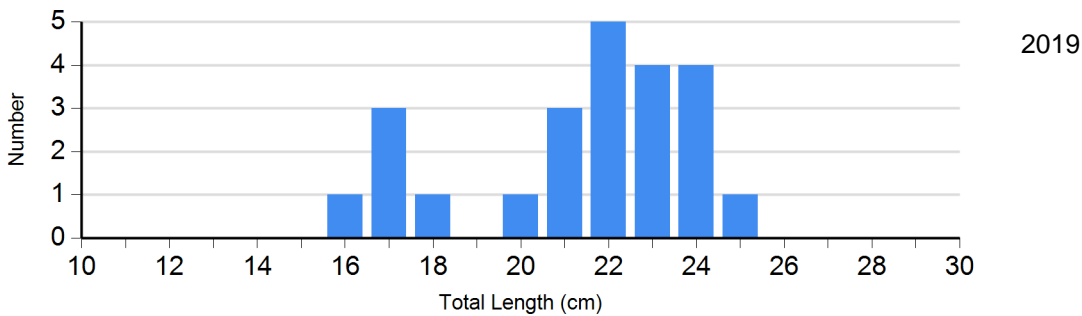
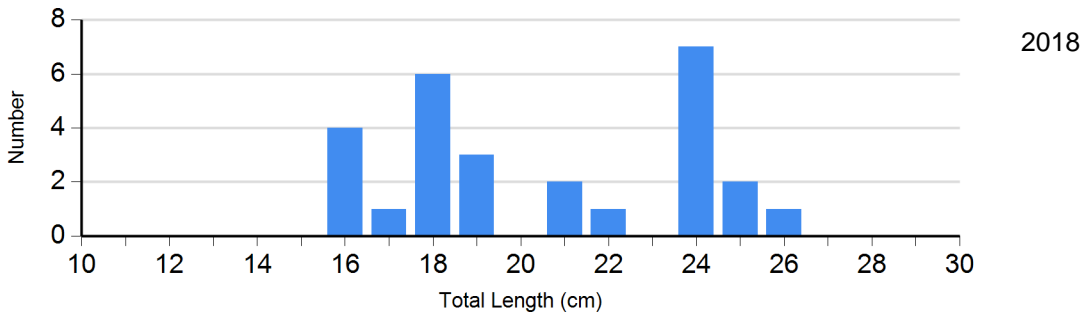
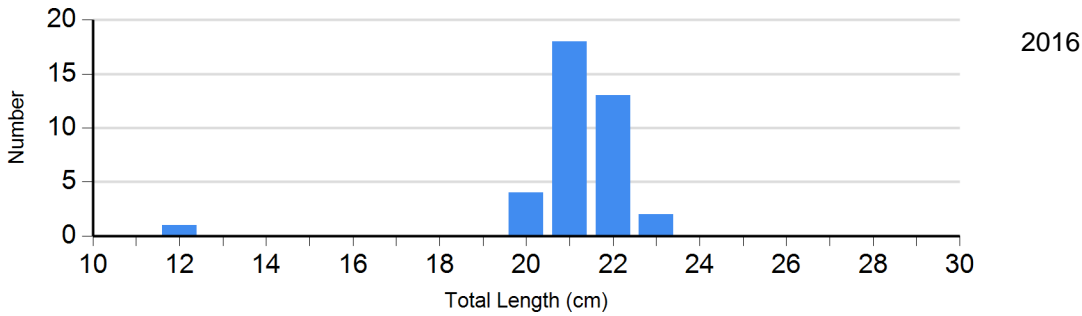


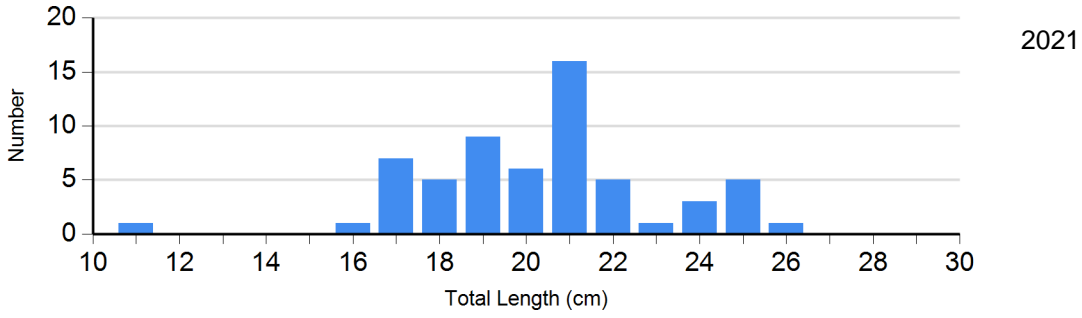
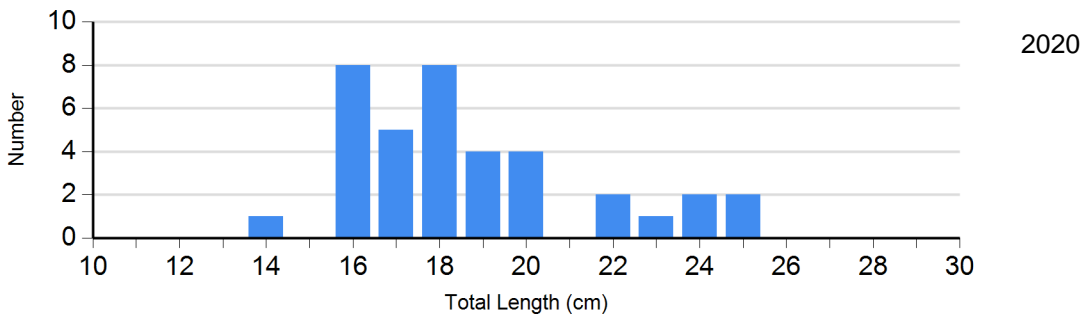
Species: Black Crappie
Gear: frame net (std 3/4 in)



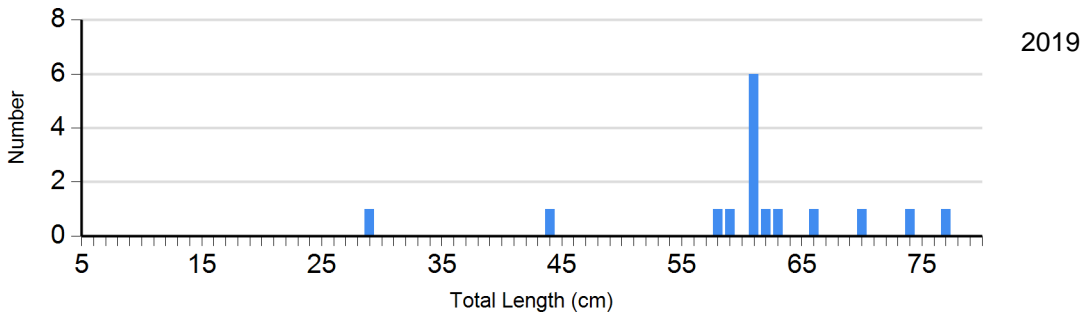
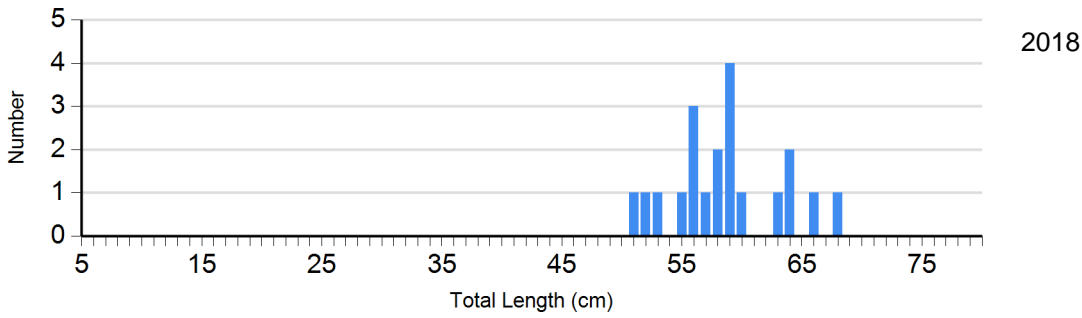
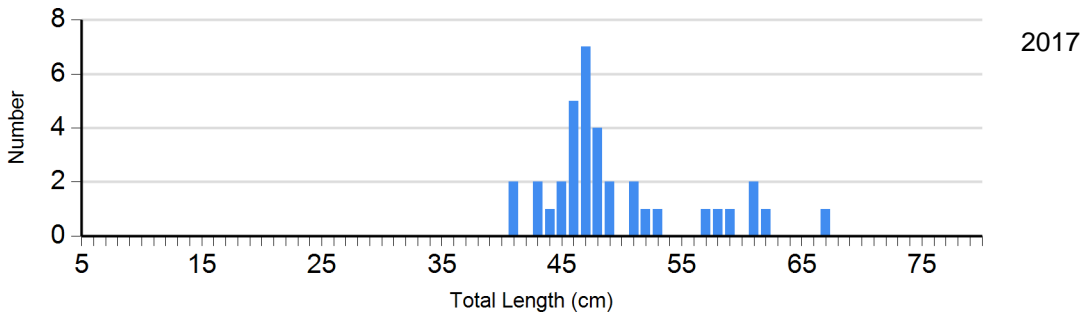


Species: Bluegill
 Gear: frame net (std 3/4 in)

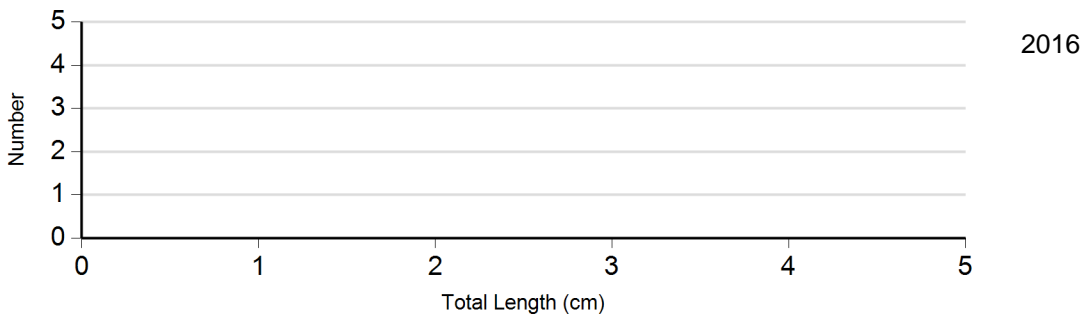




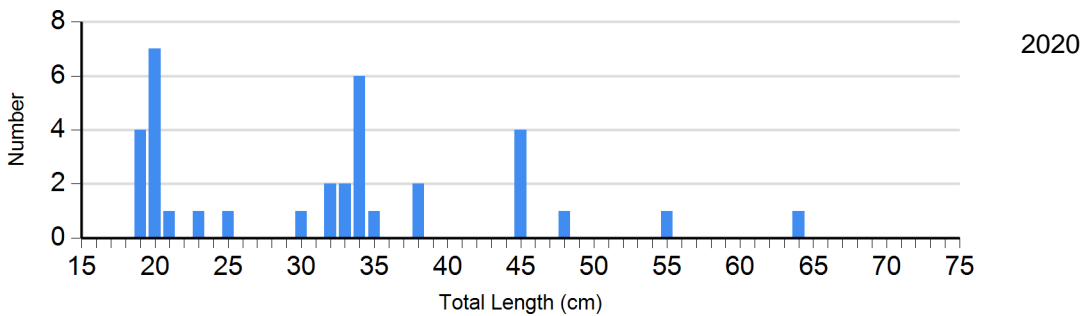
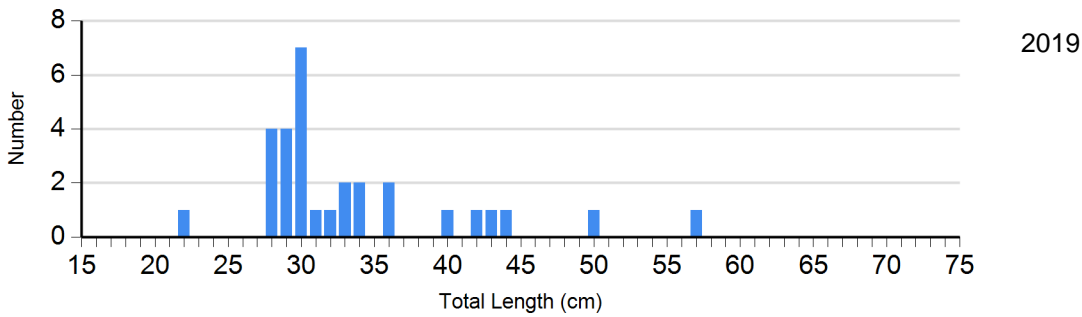
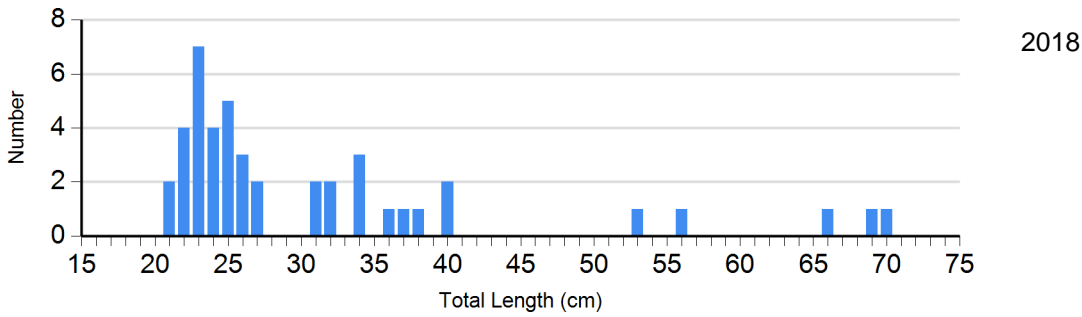
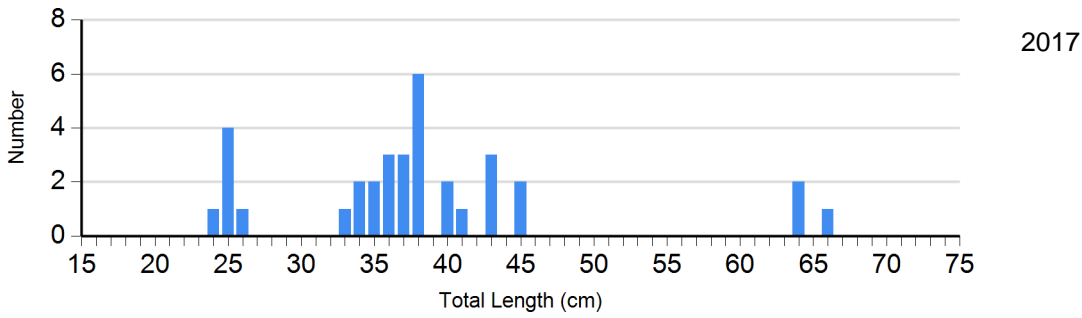
Species: Common Carp
 Gear: AFS std gill net

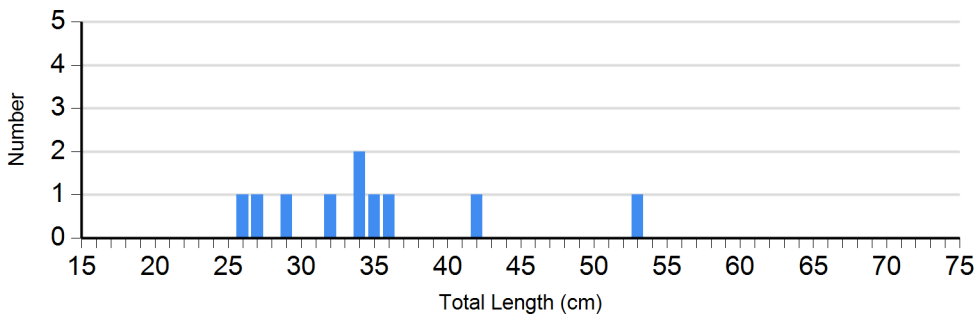


Species: Common Carp
Gear: std exp gill net

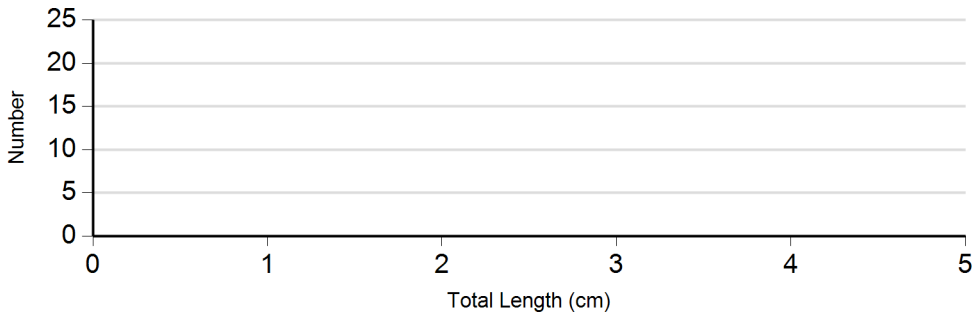


Species: Walleye
Gear: AFS std gill net

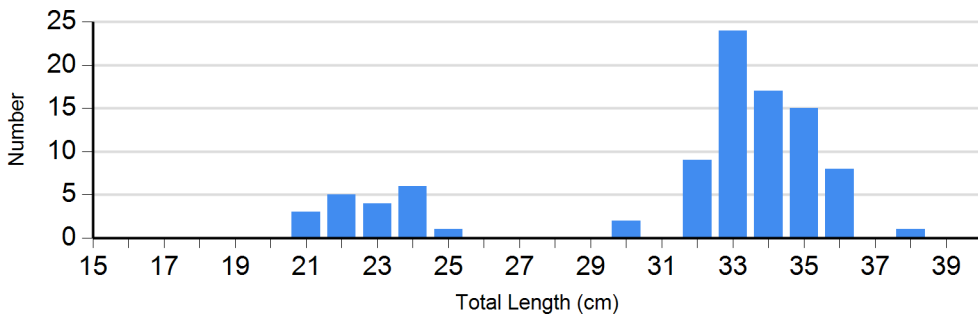
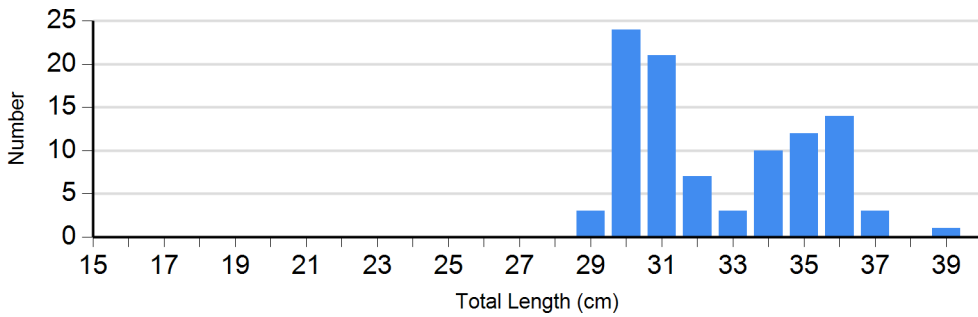
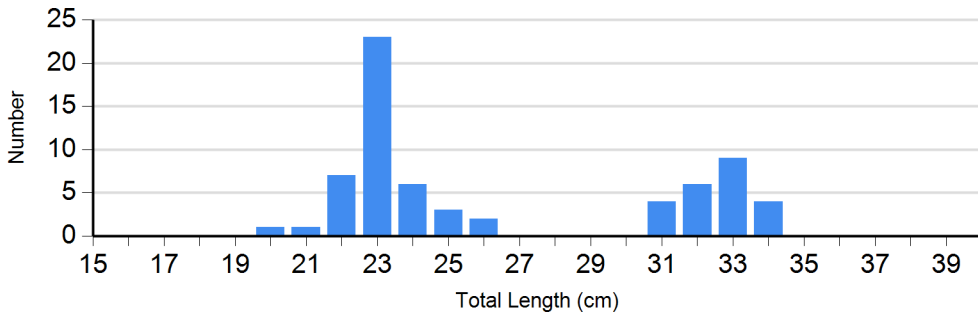


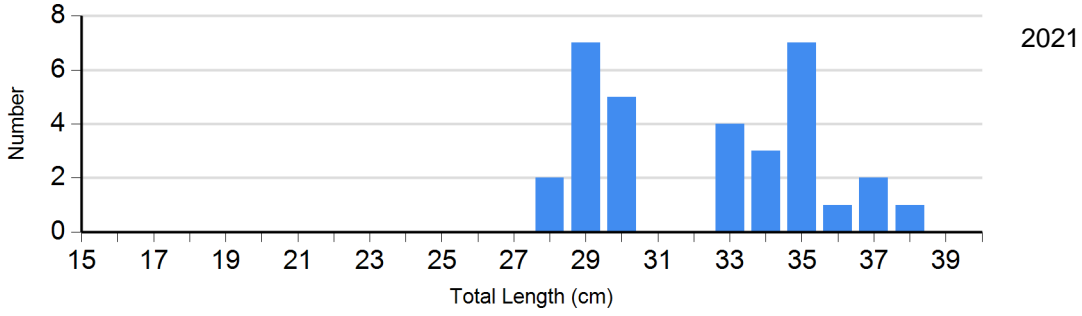
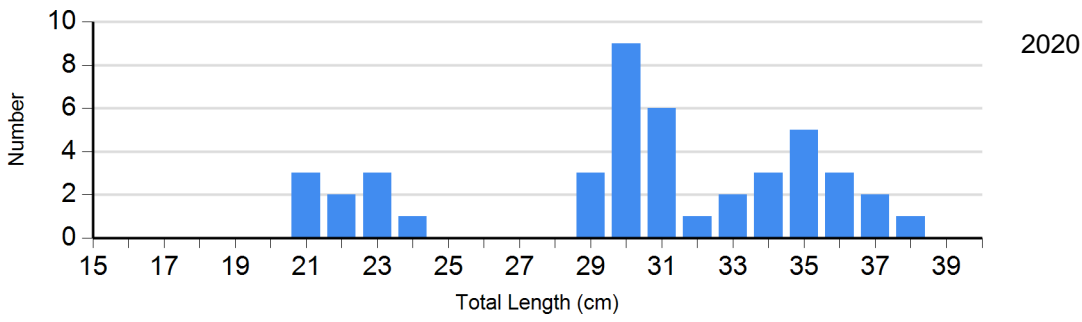


Species: Walleye
Gear: std exp gill net

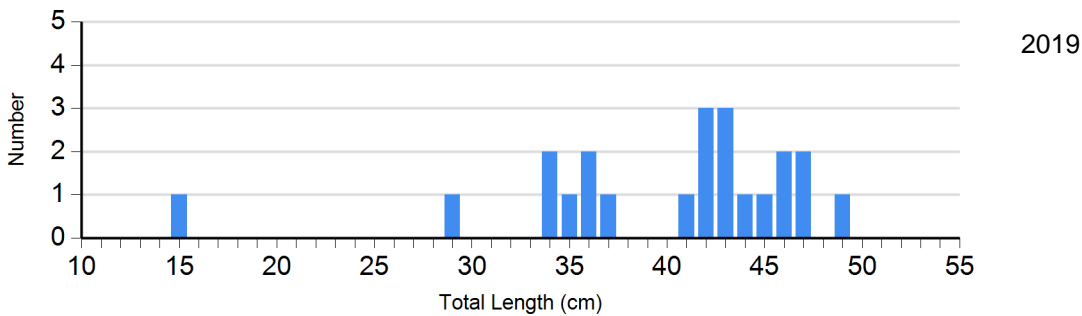
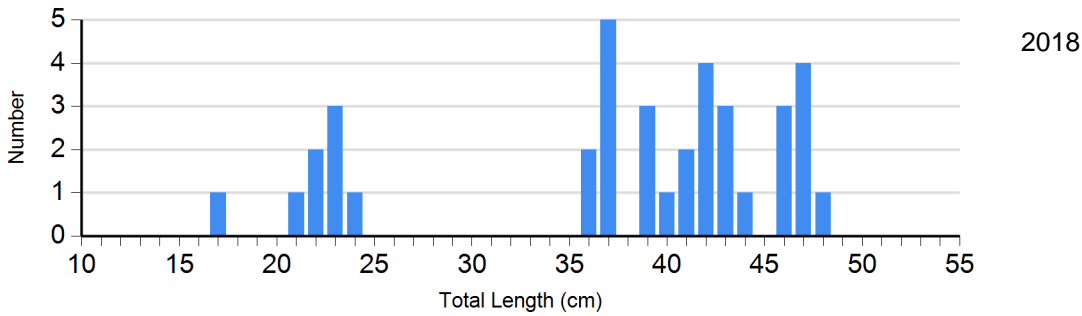
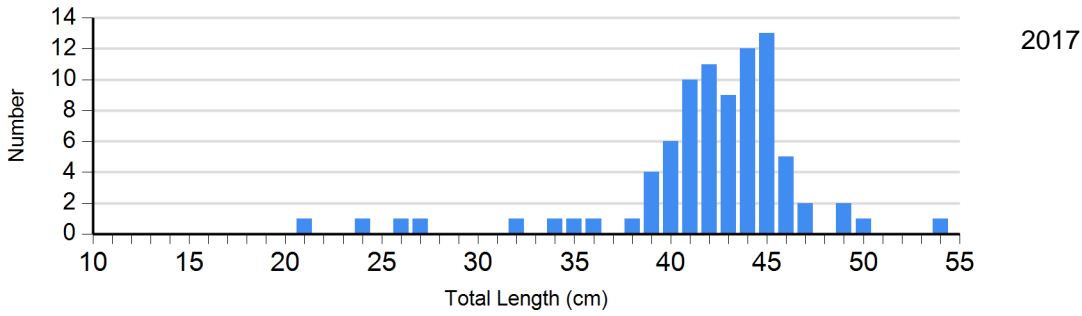


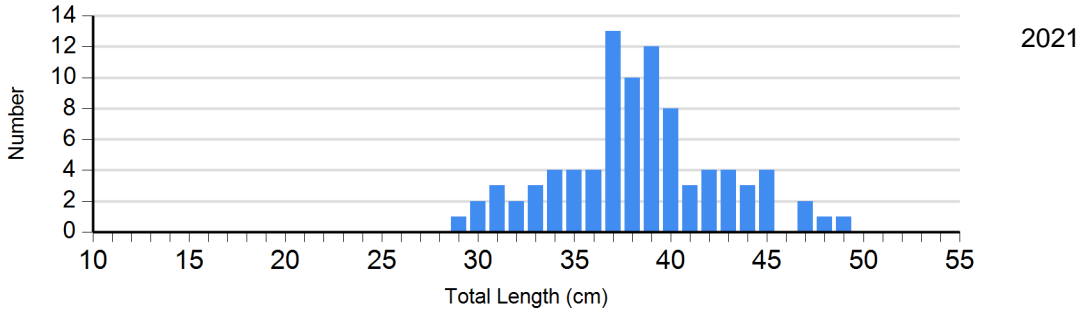
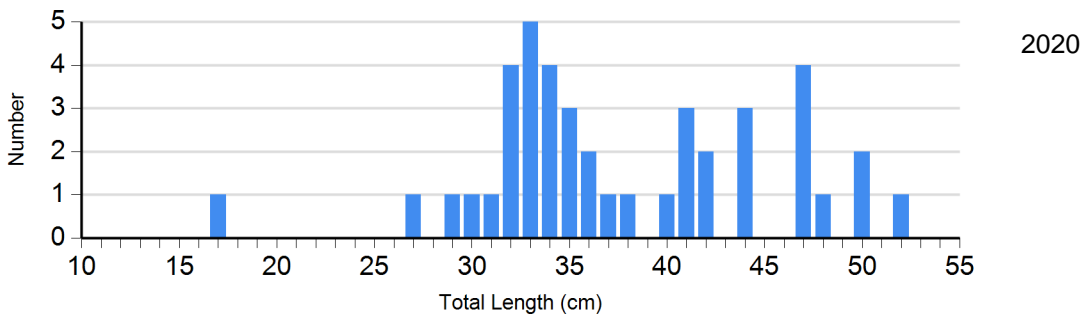
Species: White Bass
Gear: AFS std gill net



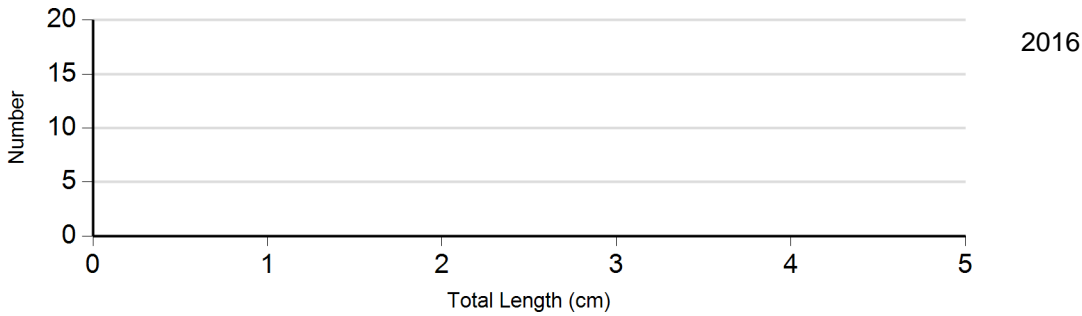


Species: White Sucker
 Gear: AFS std gill net

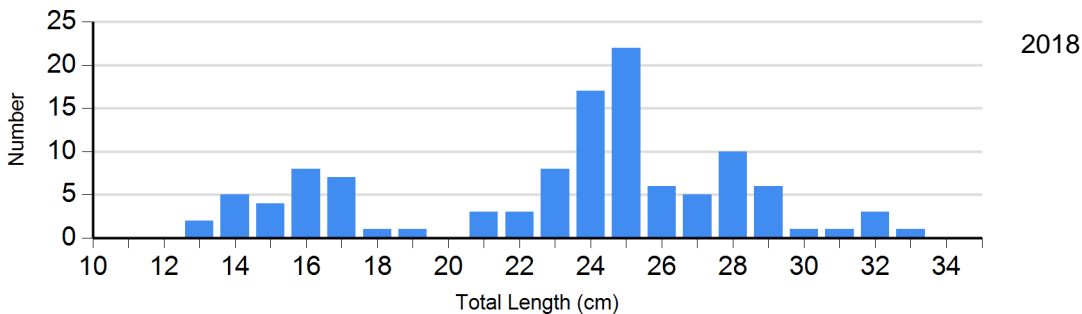
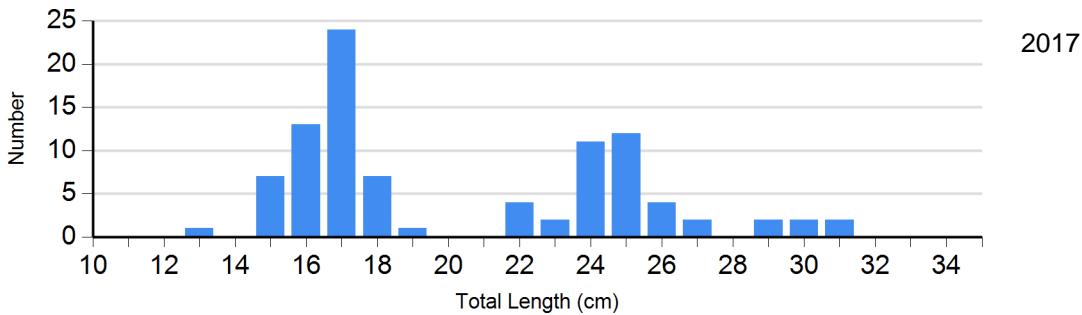


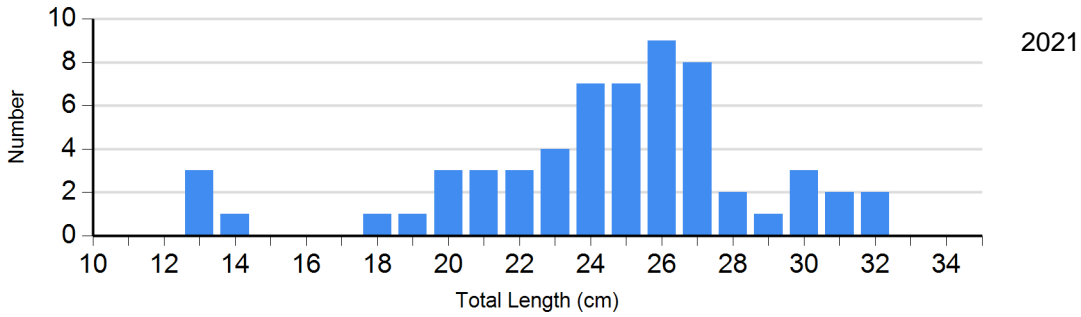
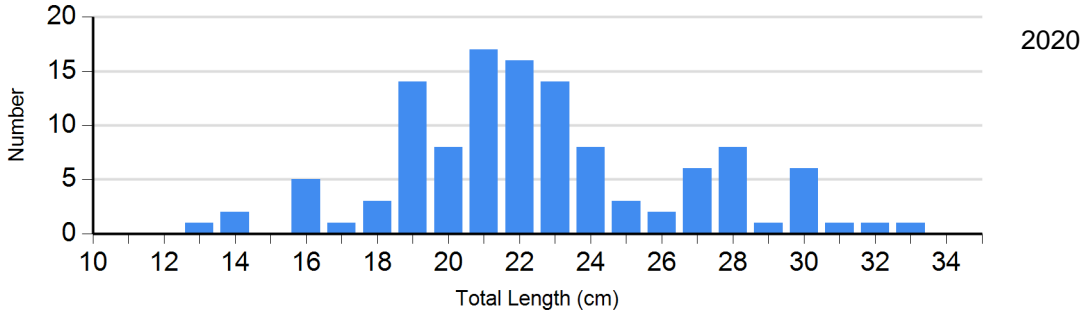
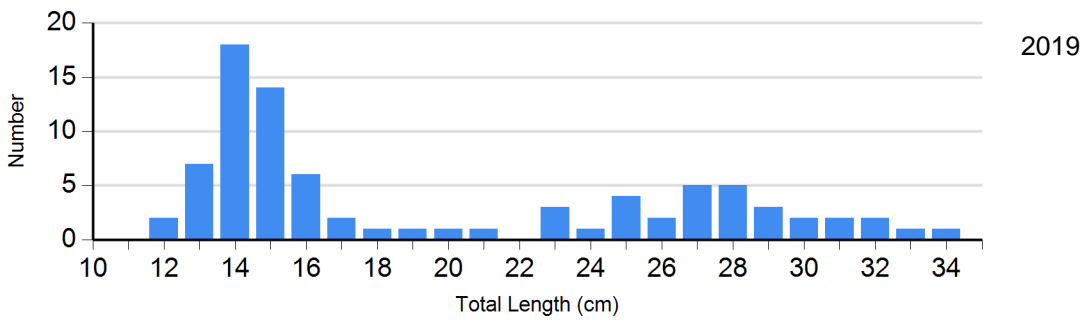


Species: White Sucker
 Gear: std exp gill net

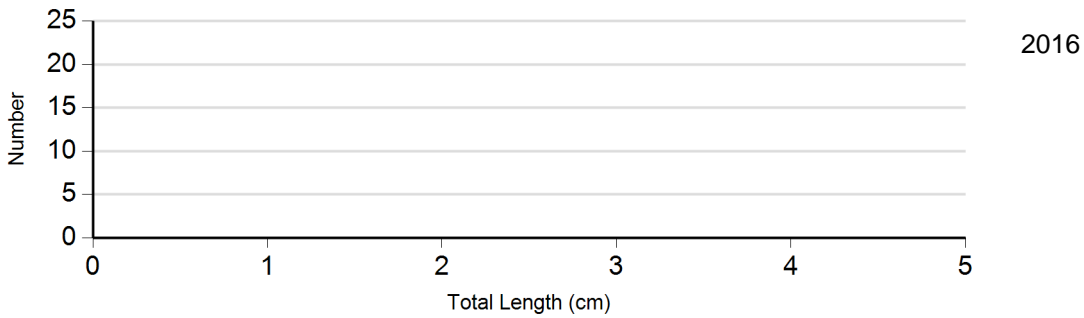


Species: Yellow Perch
 Gear: AFS std gill net





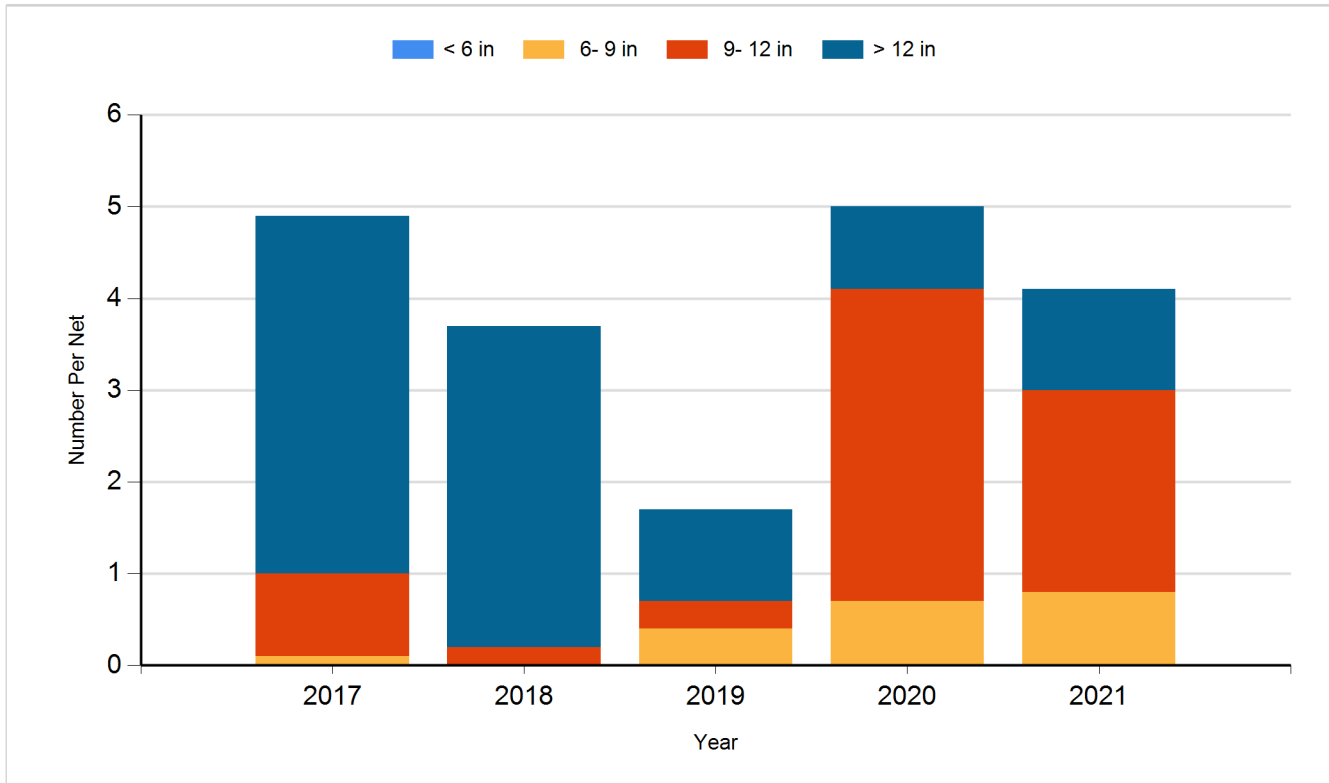
Species: Yellow Perch
 Gear: std exp gill net



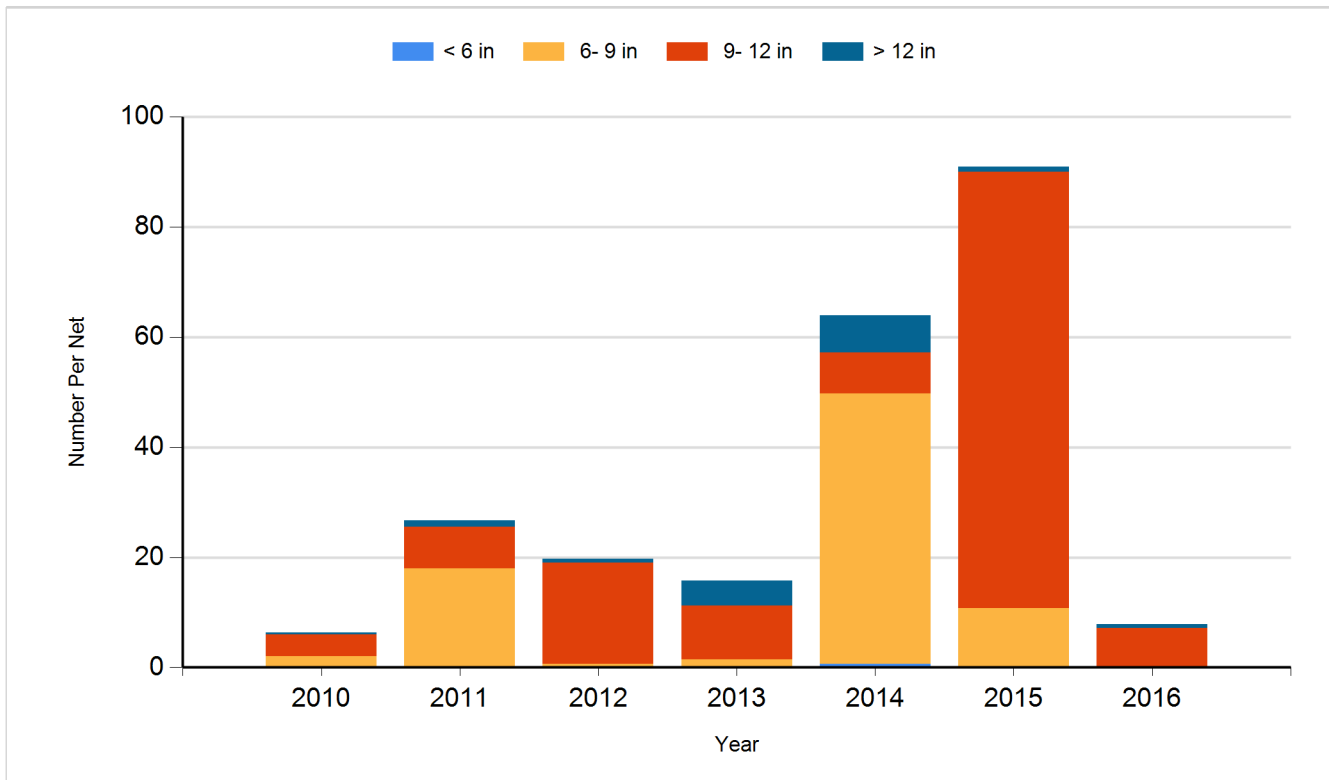
Historic Fish Sizes and Relative Abundance

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

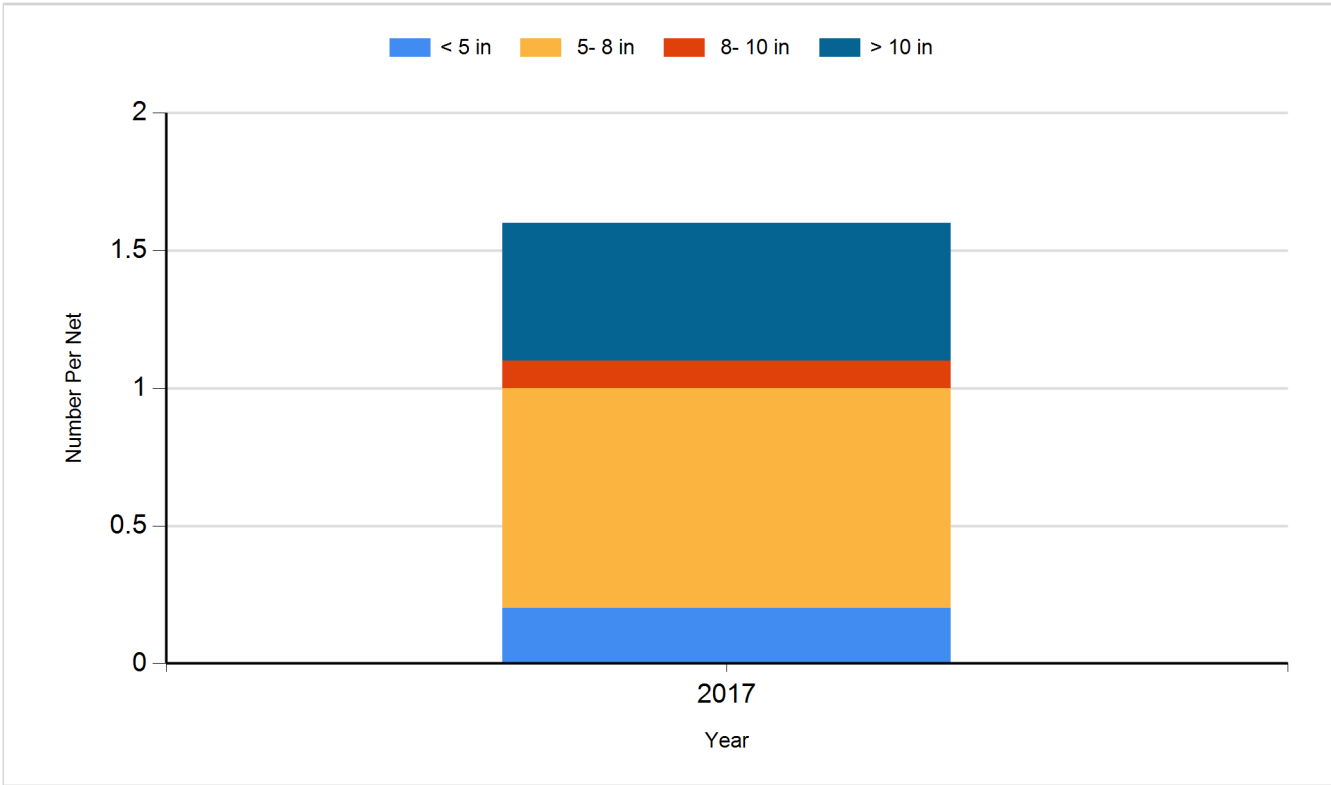
Species: Black Bullhead
Gear: AFS std gill net



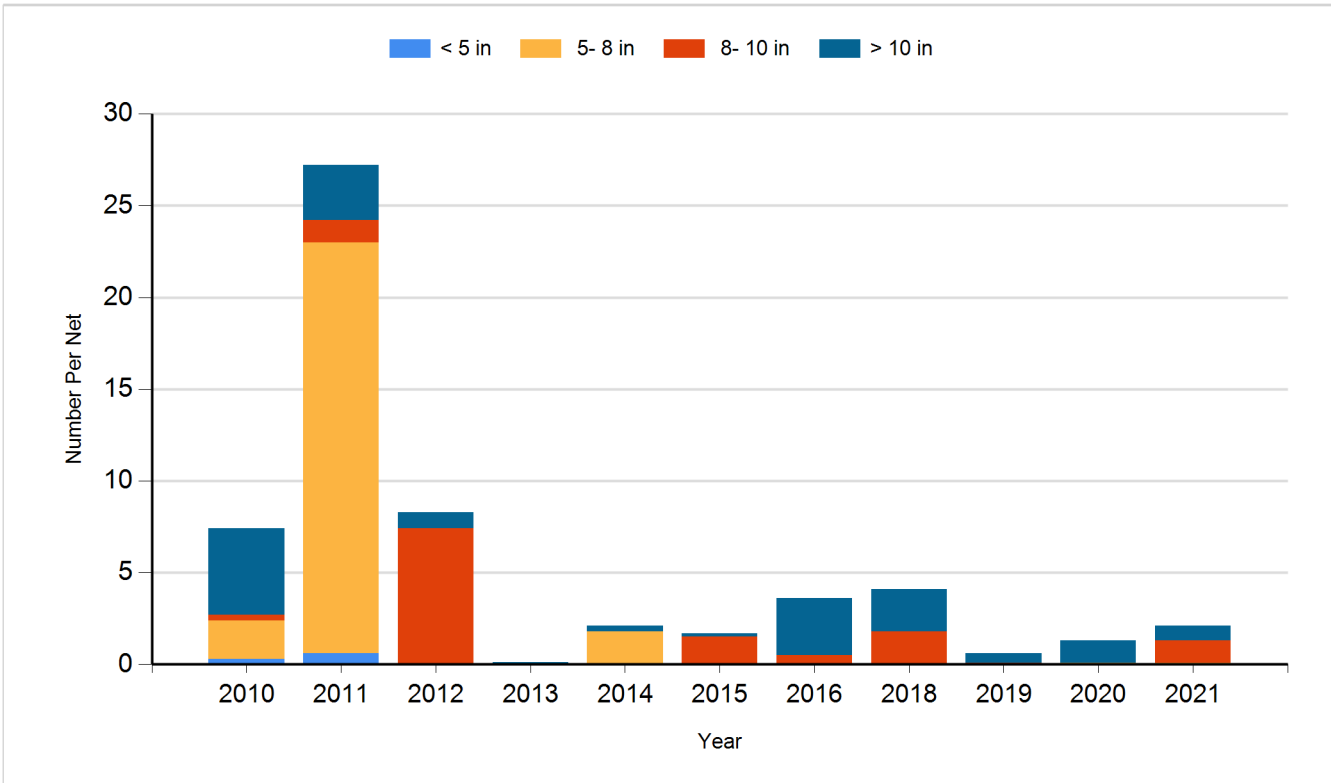
Species: Black Bullhead
Gear: std exp gill net



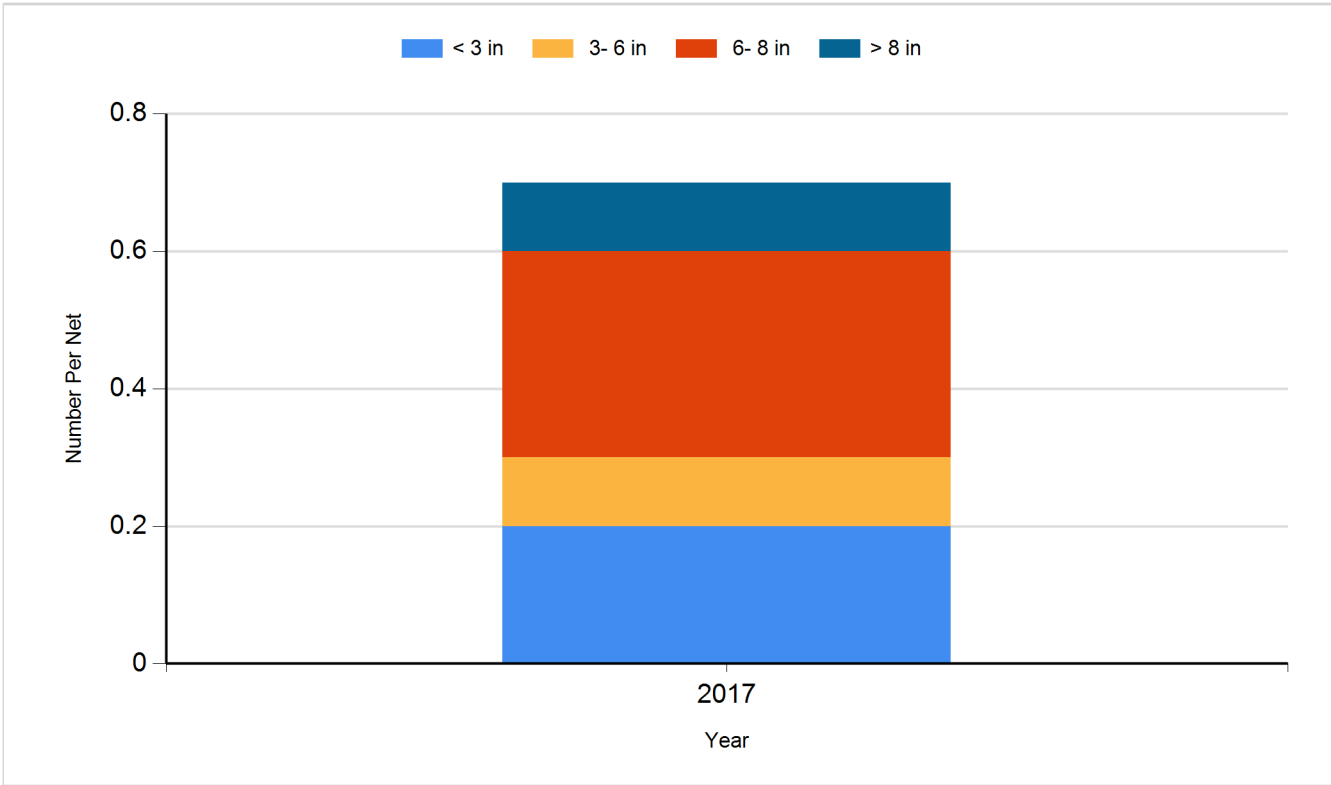
Species: Black Crappie
Gear: AFS std frame net



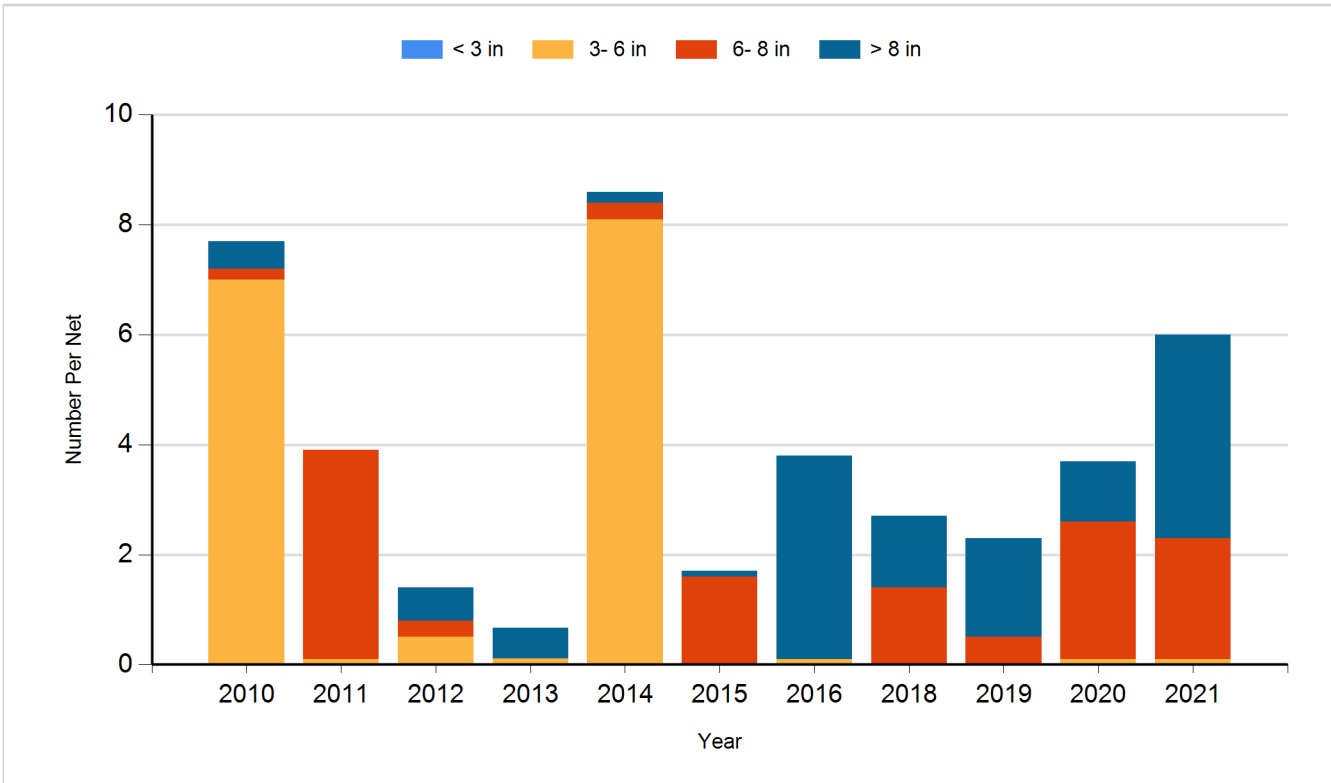
Species: Black Crappie
Gear: frame net (std 3/4 in)



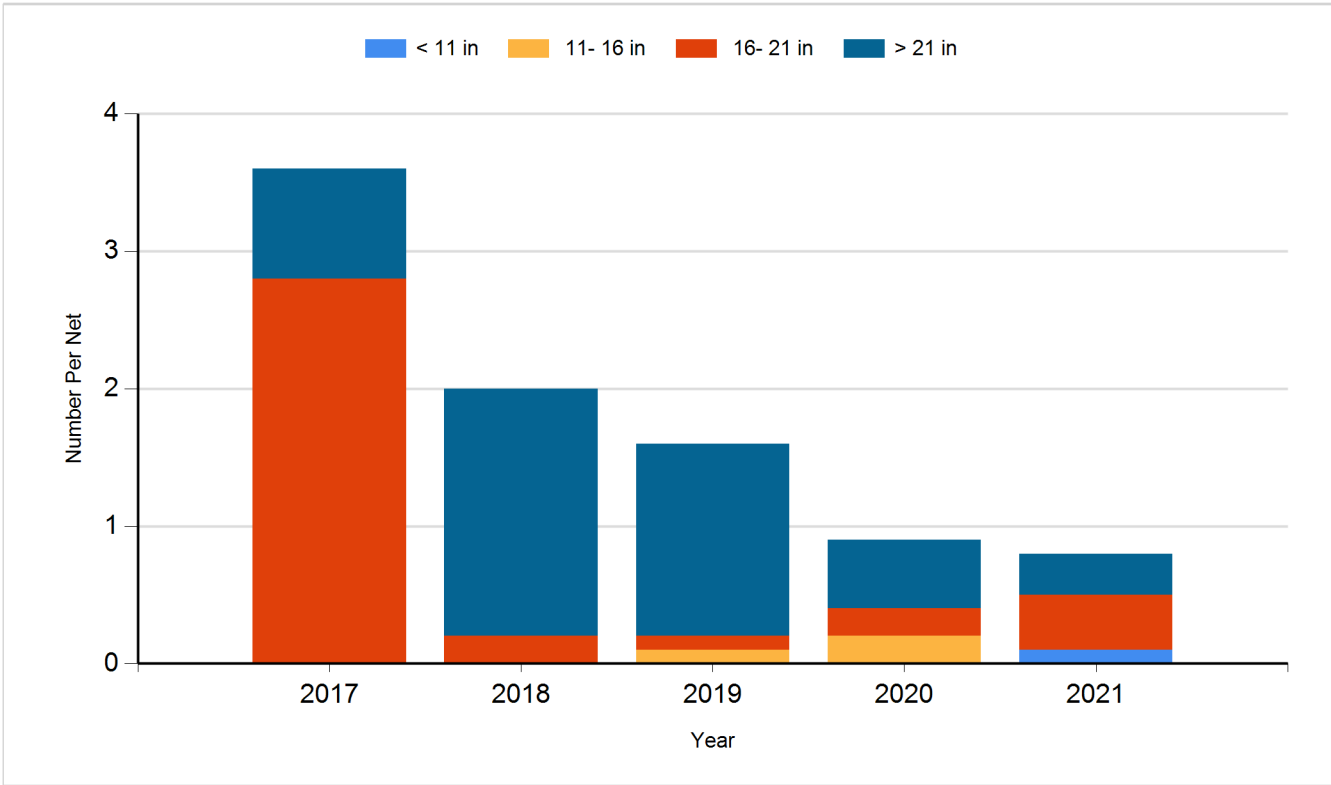
Species: Bluegill
Gear: AFS std frame net



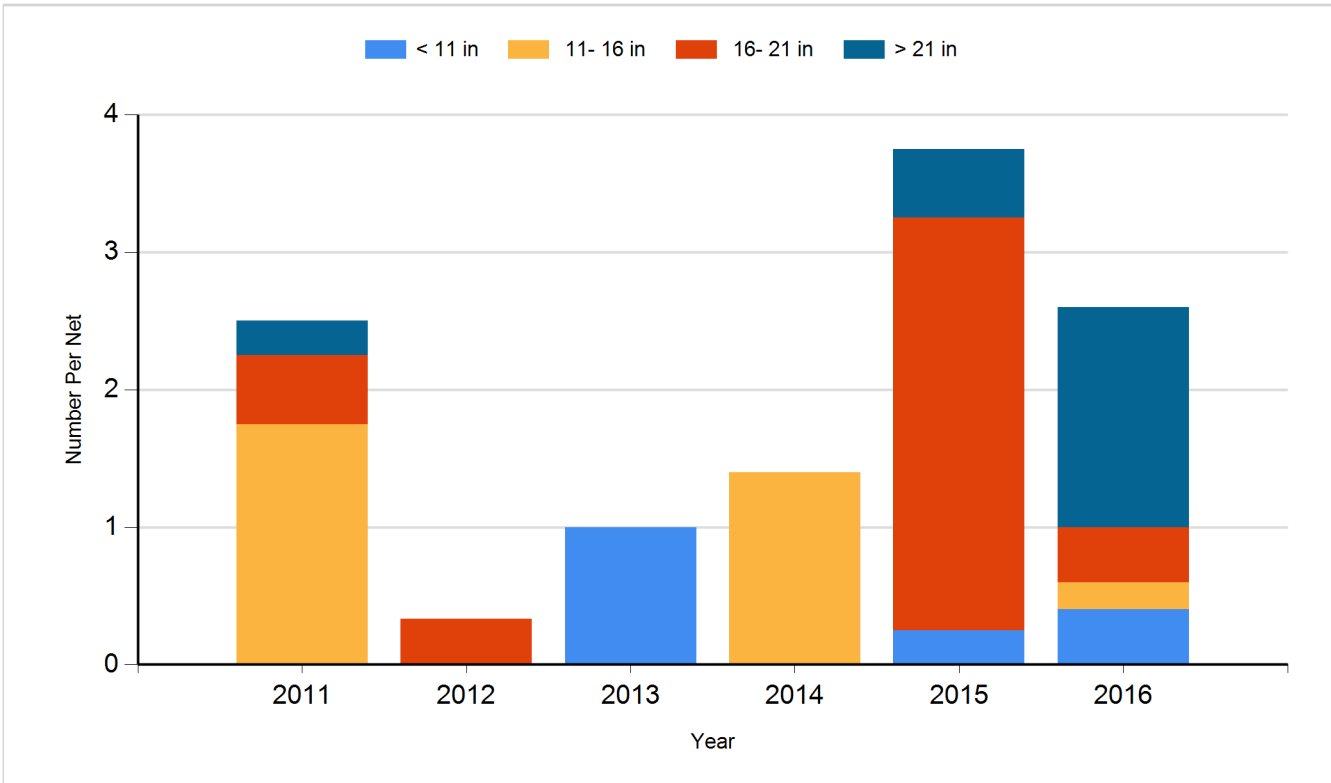
Species: Bluegill
Gear: frame net (std 3/4 in)



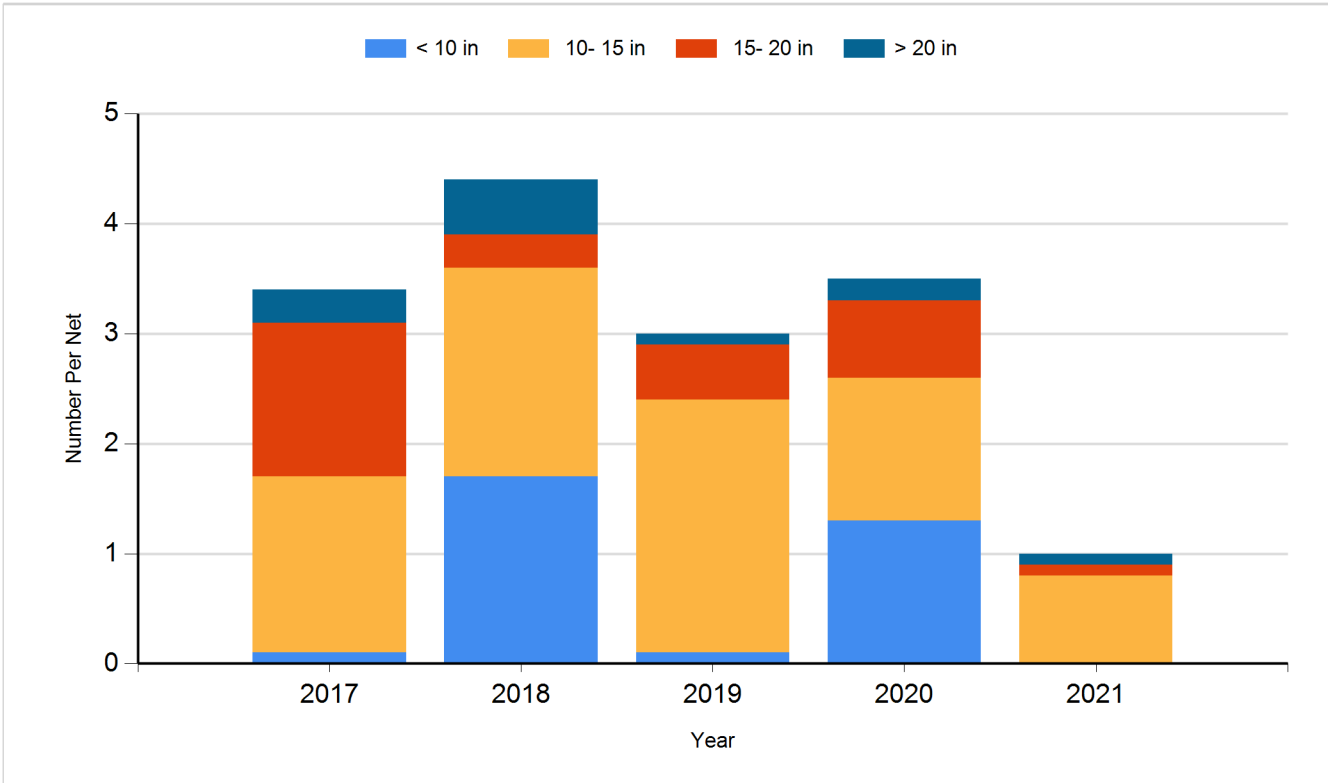
Species: Common Carp
Gear: AFS std gill net



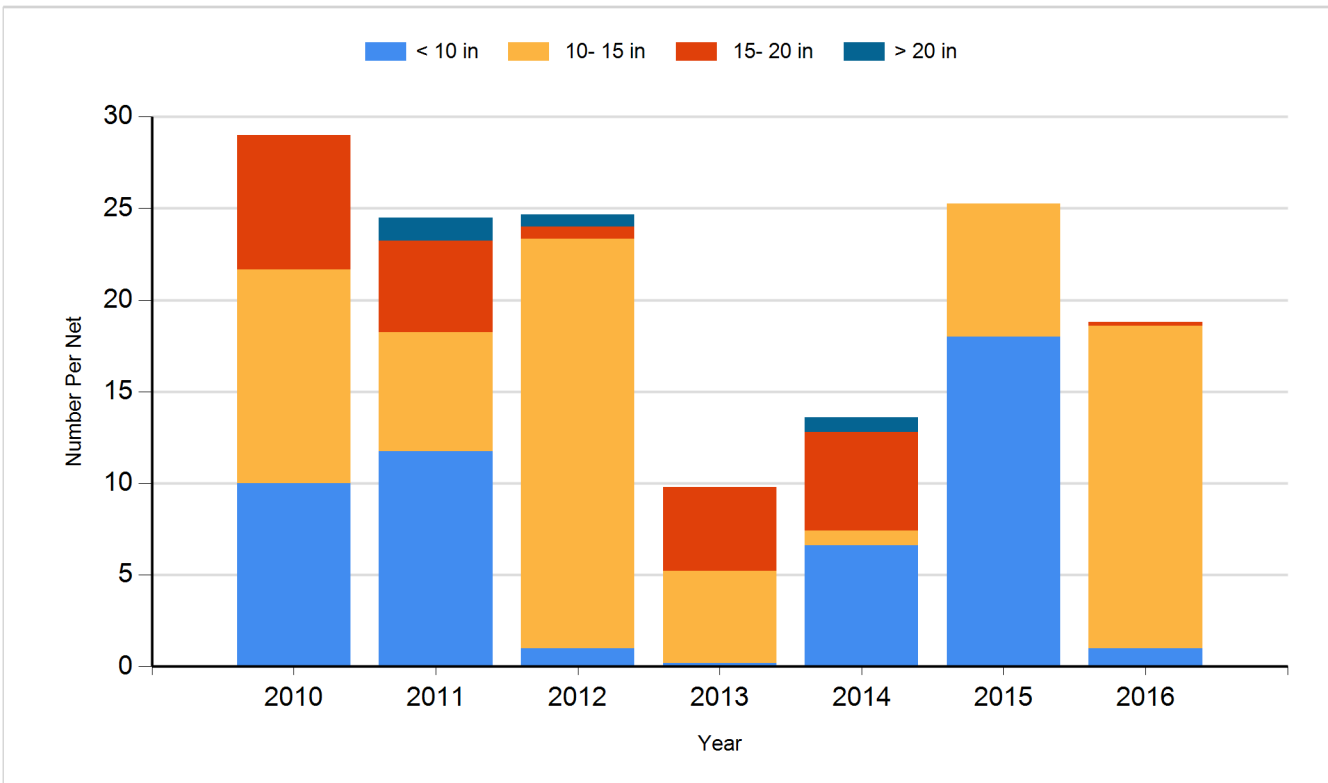
Species: Common Carp
Gear: std exp gill net



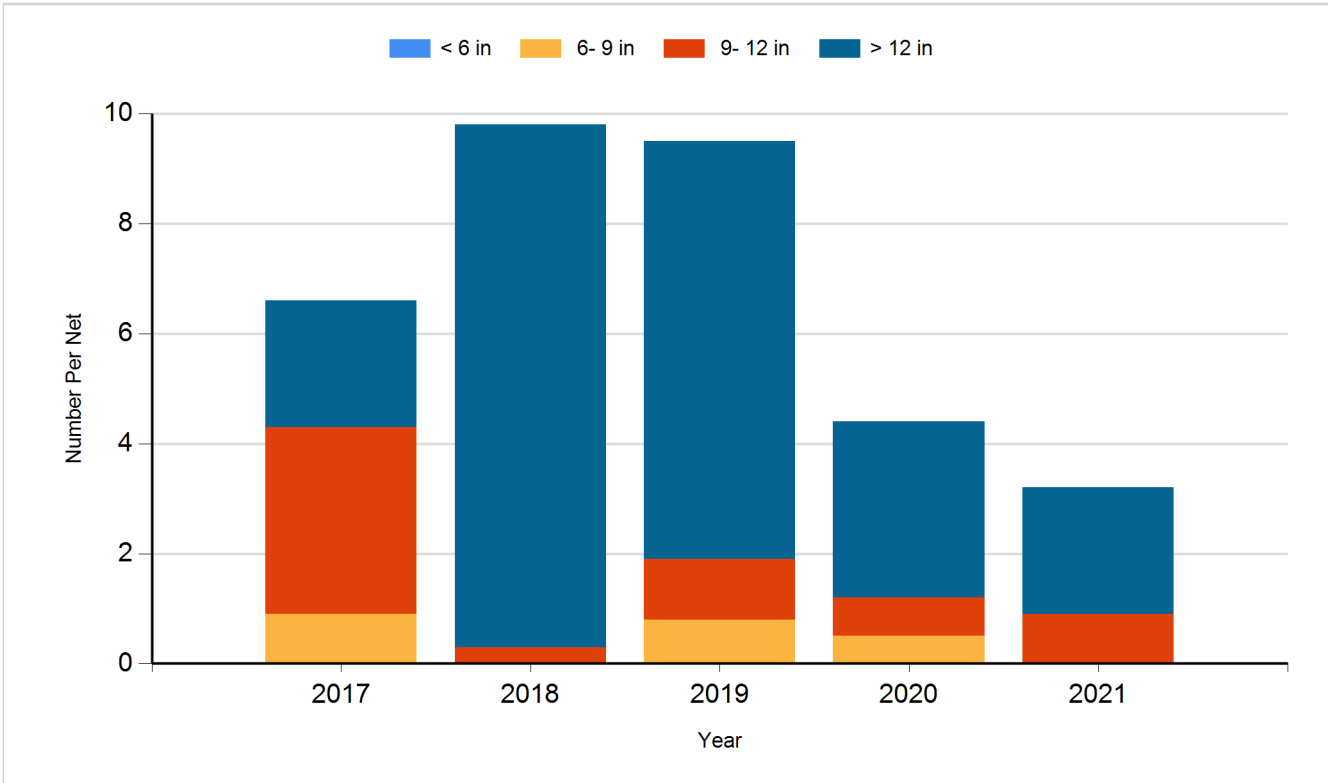
Species: Walleye
Gear: AFS std gill net



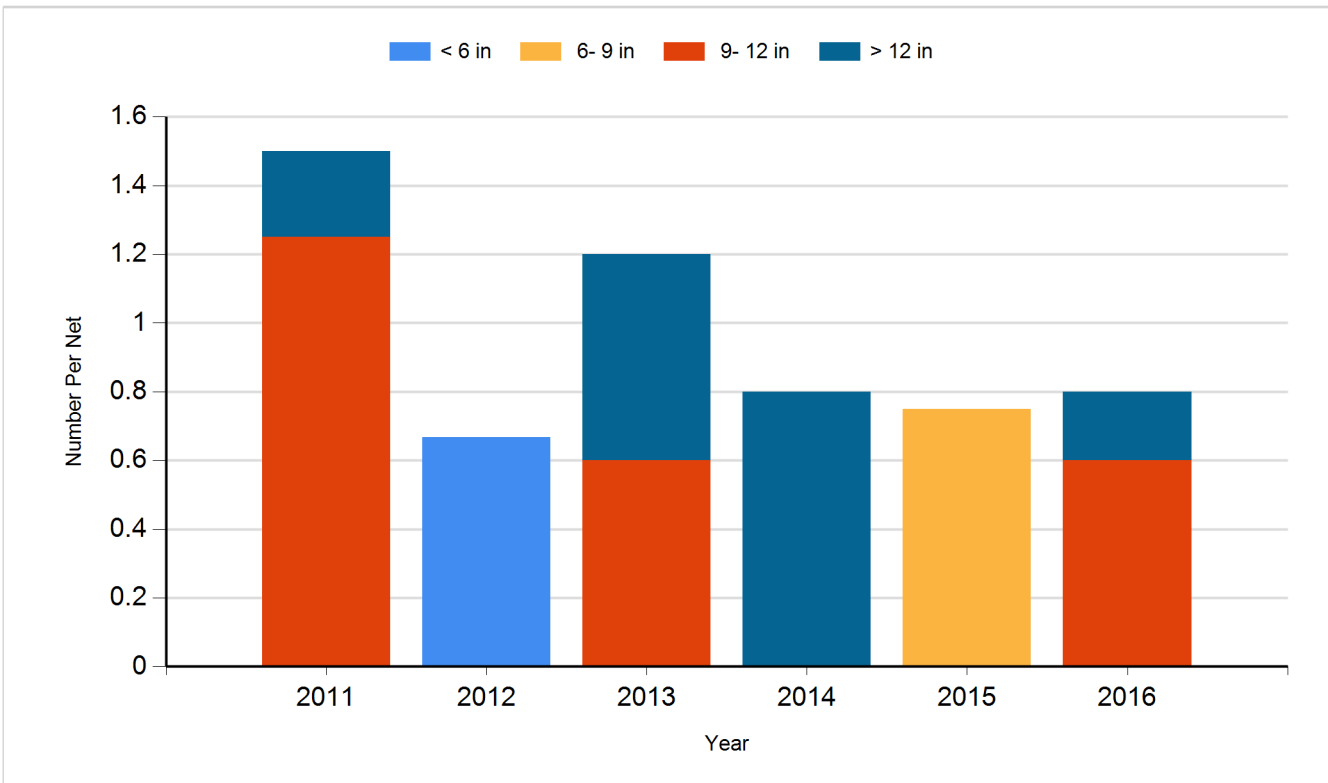
Species: Walleye
Gear: std exp gill net



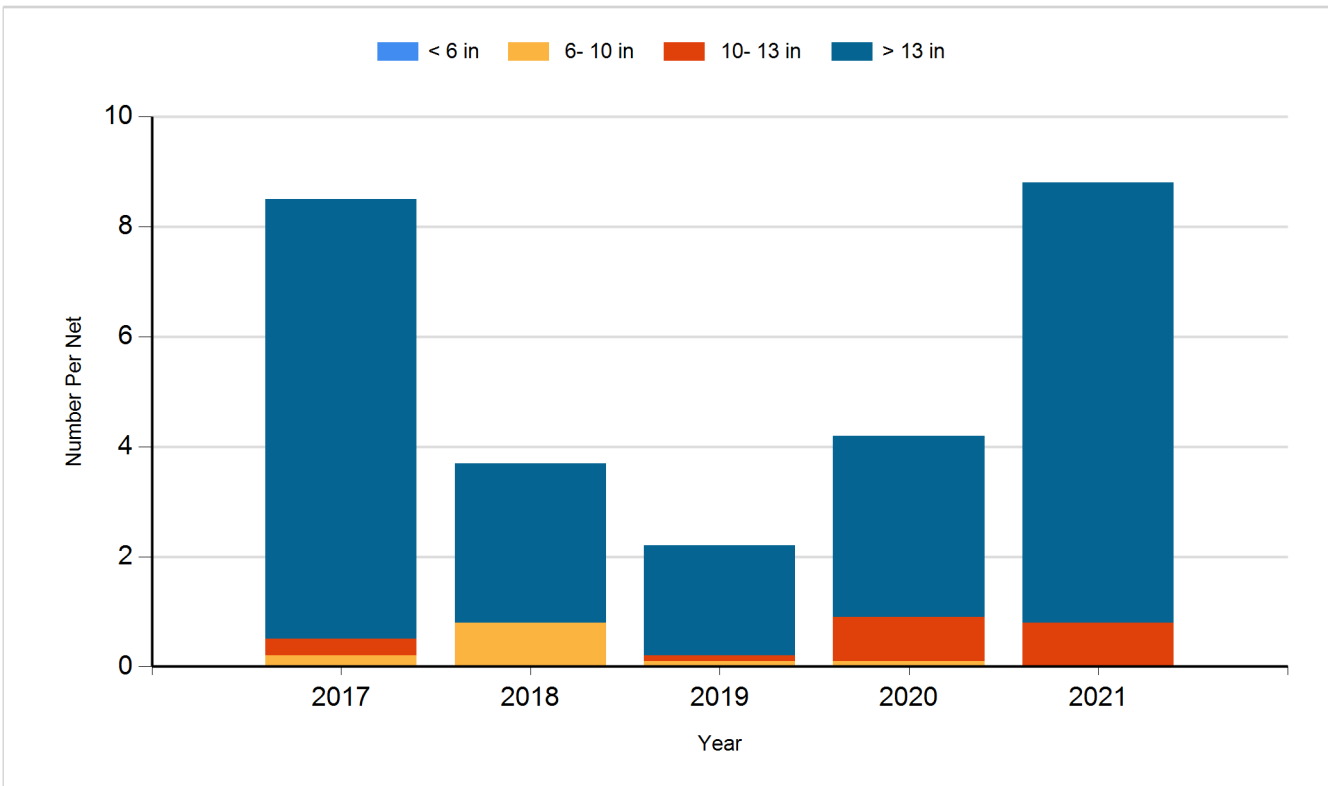
Species: White Bass
Gear: AFS std gill net



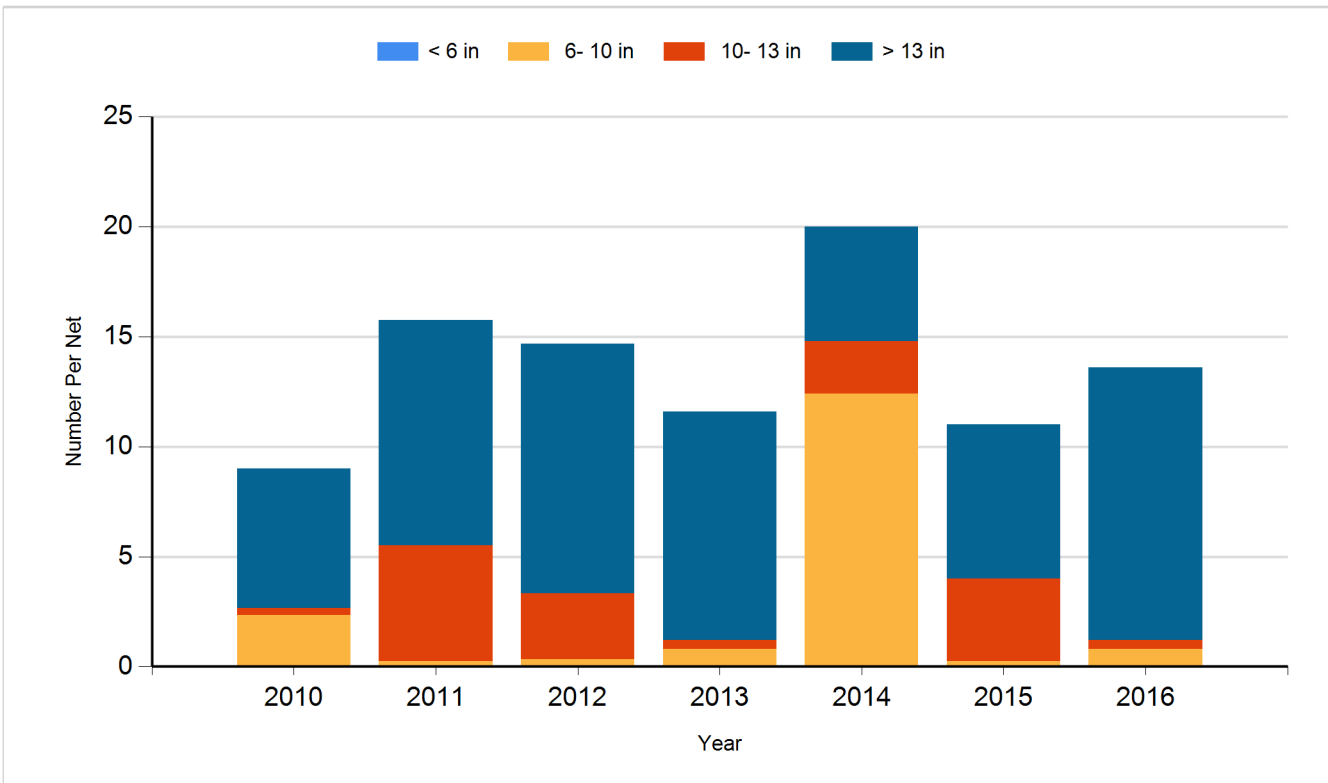
Species: White Bass
Gear: std exp gill net



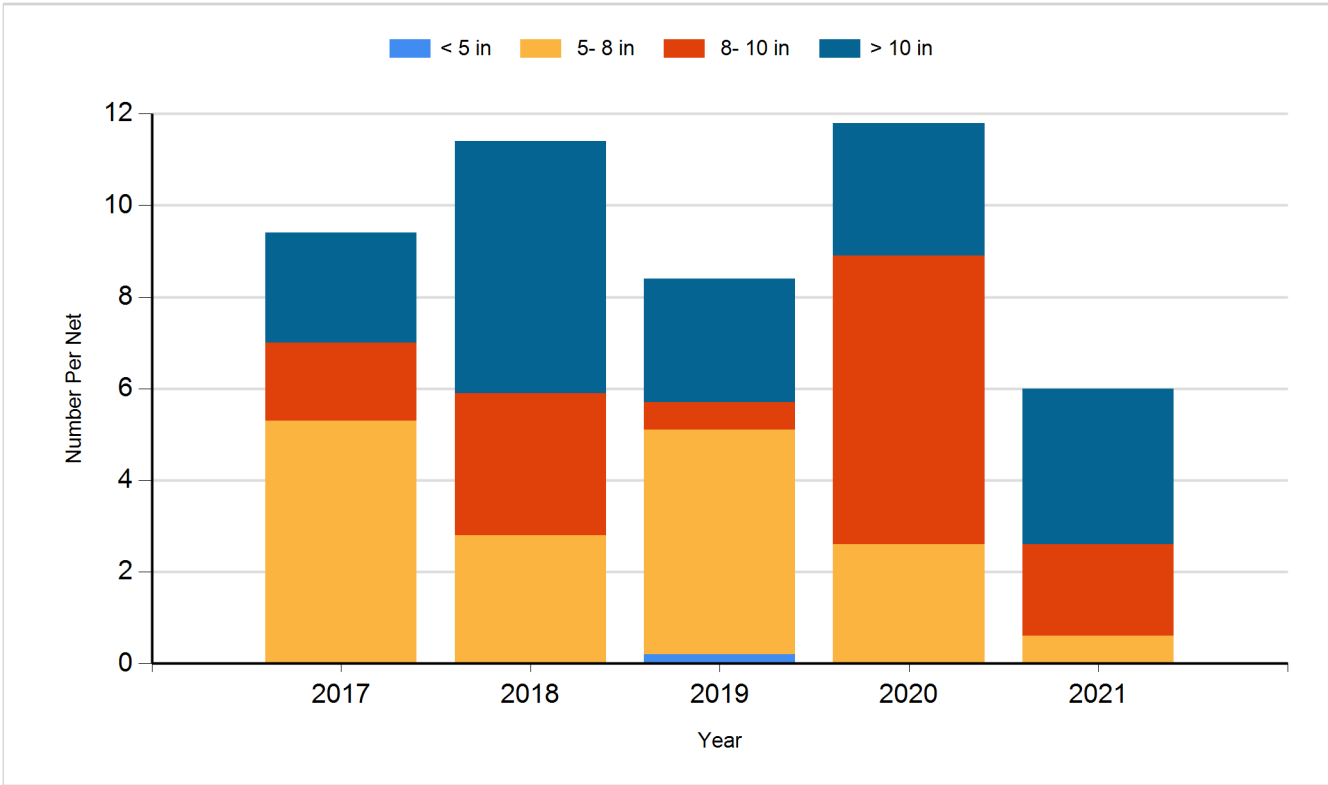
Species: White Sucker
Gear: AFS std gill net



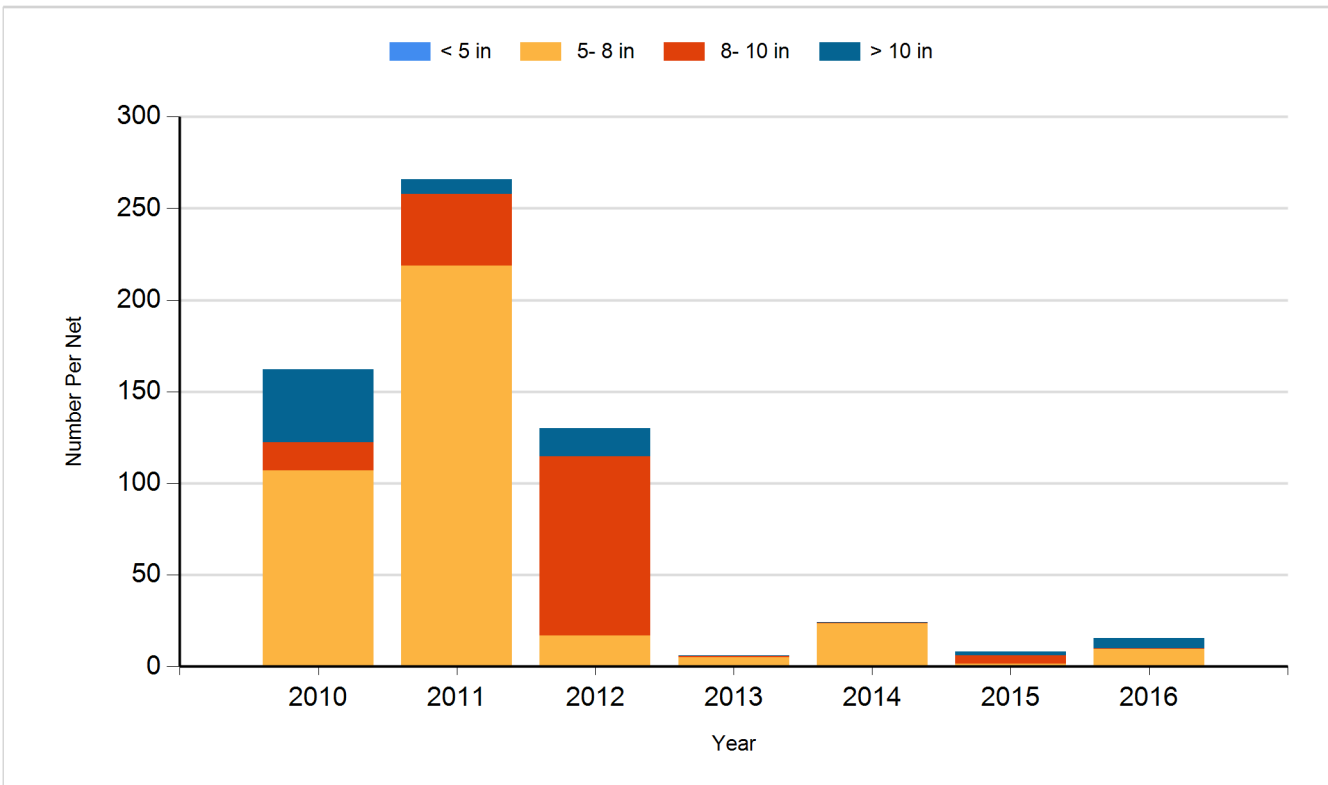
Species: White Sucker
Gear: std exp gill net



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.

Year	Species	Size	Number
2010	Walleye	Small Fingerling	280,320
2011	Northern Pike	Fry	35,200
2011	Walleye	Fry	70,000
2013	Walleye	Small Fingerling	280,150
2014	Walleye	Small Fingerling	196,200
2017	Walleye	Fingerling	195,515
2019	Walleye	Small Fingerling	196,265
2021	Walleye	Juvenile	198,900