

**SOUTH DAKOTA STATEWIDE FISHERIES SURVEY**  
**Oahe Lower, Stanley County**  
**LLO-Lake-2952-000**  
**2021**

**Lake Information**

**Name:** Oahe Lower  
**County:** Stanley  
**Surface Area:** 154,978 Acres

**Surveys and Investigations**

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

Gear	Date	Effort
AFS gill net (1/2 inch)	Aug 10, 2021	24 net-nights
AFS gill net (1/2 inch)	Aug 11, 2021	24 net-nights
AFS gill net (1/2 inch)	Aug 12, 2021	24 net-nights
AFS gill net (1/2 inch)	Aug 19, 2021	24 net-nights
AFS std gill net	Aug 10, 2021	24 net-nights
AFS std gill net	Aug 11, 2021	24 net-nights
AFS std gill net	Aug 12, 2021	24 net-nights
AFS std gill net	Aug 19, 2021	24 net-nights
suspended gill net	Jul 21, 2021	2 net-nights
suspended gill net	Jul 22, 2021	2 net-nights
suspended gill net	Jul 23, 2021	2 net-nights

## **Common Fish Species Present**

Lake Herring

Rainbow Smelt

Channel Catfish

Smallmouth Bass

Walleye

Common Carp

River Carpsucker

Yellow Perch

Freshwater Drum

Shorthead Redhorse

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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.

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

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	2	0.0	0.0	100		100		99	3
	Black Crappie	1	0.0	0.0	100		100		81	
	Channel Catfish	652	6.6	0.7	89	2	3	1	81	1
	Common Carp	53	0.6	0.1	91		45	10	90	7
	Freshwater Drum	34	0.3	0.1	77	12	37	14	86	2
	Gizzard Shad	3	0.0	0.0	100				105	3
	Goldeye	79	0.0	0.0						
	Lake Herring	4	0.0	0.0						
	Northern Pike	16	0.2	0.1	88		44	20	93	6
	River Carpsucker	37	0.4	0.2	100		92		98	2
	Shorthead Redhorse	28	0.3	0.1	100		68	14	92	6
	Shortnose Gar	1	0.0	0.0						
	Smallmouth Bass	196	2.0	0.3	72	4	24	4	91	1
	Smallmouth Buffalo	11	0.1	0.1	45		36		79	2
	Walleye	217	2.0	0.3	44	5	16	4	79	1
	White Bass	31	0.3	0.1	100		61	13	89	2
	White Crappie	3	0.0	0.0	100		33		94	1
	White Sucker	2	0.0	0.0	100		100		88	3
Yellow Perch	37	0.4	0.1	43	12	3		79	2	
suspended gill net*	Channel Catfish	2	0.3	0.3	100		0			
	Lake Herring	872	145.3	89.0	100		30	2		
	Rainbow Smelt	42	7.0	8.6						
	Walleye	6	1.0	0.4	17		17			

## 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										
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Avg
AFS gill net (1/2 inch)*	Channel Catfish						0.0	0.0	0.1	0.1	0.1	0.06
	Common Carp						0.0	0.0	0.1	0.1	0.1	0.06
	Emerald Shiner						0.0	0.0	0.0	0.0	0.0	0.00
	Freshwater Drum						0.0	0.0	0.0	0.1	0.0	0.02
	Gizzard Shad						0.4	0.0	0.0	0.0	0.0	0.08
	Goldeye						0.0	0.0	0.0	0.0	0.0	0.00
	Northern Pike						0.0	0.0	0.0	0.0	0.0	0.00
	Rainbow Smelt						0.0	0.0	0.0	0.0	0.0	0.00
	Sauger						0.0	0.0	0.0	0.0	0.0	0.00
	Shorthead Redhorse						0.0	0.0	0.0	0.0	0.0	0.00
	Shortnose Gar						0.0	0.0	0.0	0.0	0.0	0.00
	Smallmouth Bass						0.0	0.0	0.1	0.1	0.1	0.06
	Spotfin Shiner						0.0	0.0	0.0	0.0	0.0	0.00
	Spottail Shiner						0.0	0.0	0.7	0.2	0.1	0.20
	Walleye						0.2	0.3	0.3	0.3	0.2	0.26
	White Bass						0.1	0.0	0.1	0.2	0.0	0.08
	White Crappie						0.0	0.0	0.0	0.0	0.0	0.00
Yellow Perch						0.3	0.1	2.7	1.0	0.2	0.86	
AFS std gill net	Bigmouth Buffalo						0.0	0.0	0.0	0.0	0.0	0.00
	Black Bullhead						0.0	0.0	0.0	0.0	0.0	0.00
	Black Crappie						0.0	0.0	0.0	0.0	0.0	0.00
	Channel Catfish						4.8	9.6	11.7	4.9	6.6	7.52
	Common Carp						0.4	0.5	0.8	0.9	0.6	0.64
	Freshwater Drum						0.4	0.4	0.7	0.5	0.3	0.46
	Gizzard Shad						0.0	0.0	0.0	0.0	0.0	0.00
	Goldeye						0.0	0.0	0.0	0.0	0.0	0.00
	Lake Herring						0.0	0.3	0.0	0.0	0.0	0.07
	Northern Pike						0.3	0.2	0.2	0.1	0.2	0.20
	Rainbow Smelt						0.0	0.0	0.0	0.0	0.0	0.00
	River Carpsucker						0.2	0.1	0.2	0.3	0.4	0.24
	Sauger						0.0	0.0	0.0	0.0	0.0	0.00
	Shorthead Redhorse						0.1	0.1	0.2	0.1	0.3	0.16
Shortnose Gar						0.0	0.0	0.0	0.0	0.0	0.00	
Smallmouth Bass						1.6	1.7	1.7	1.5	2.0	1.70	

Gear	Species	CPUE										
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Avg
AFS std gill net	Smallmouth Buffalo						0.4	0.1	0.2	0.2	0.1	0.20
	Walleye						1.4	1.7	3.6	3.0	2.0	2.34
	White Bass						0.9	0.5	0.2	0.1	0.3	0.40
	White Crappie						0.0	0.0	0.0	0.1	0.0	0.02
	White Sucker						0.0	0.1	0.0	0.1	0.0	0.04
	Yellow Perch						0.1	0.6	1.7	0.8	0.4	0.72
boat shocker (night)	Walleye*						29.3			17.7		23.50
fall night EF- WAE*	Walleye								57.7			57.70
large seine*	Bigmouth Buffalo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00
	Black Bullhead	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.16
	Black Crappie	61.8	0.0	9.0	0.1	1.2	0.0	26.6	0.0			12.33
	Bluegill	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.11
	Brassy Minnow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2			0.02
	Channel Catfish	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0			0.01
	Common Carp	0.0	0.9	0.2	0.0	0.1	0.0	0.8	1.1			0.38
	Emerald Shiner	3.8	29.4	18.5	12.2	6.0	74.7	17.2	36.2			24.73
	Fathead Minnow	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.2			0.11
	Flathead Chub	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0			0.01
	Freshwater Drum	1.0	1.4	0.0	0.2	0.8	2.8	0.1	4.5			1.34
	Gizzard Shad	0.0	0.1	0.0	0.0	94.8	177.8	0.8	5.7			34.89
	Goldeye	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.4			0.10
	Johnny Darter	0.0	0.3	0.0	0.1	0.8	0.7	0.3	0.5			0.31
	Largemouth Bass	0.0	0.3	0.0	0.1	0.0	0.0	1.0	0.2			0.19
	Northern Pike	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0			0.05
	River Carpsucker	0.2	0.0	11.4	0.2	0.2	0.1	1.4	6.2			2.45
	Sauger	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0			0.02
	Smallmouth Bass	13.8	34.5	6.3	6.4	16.3	10.2	30.8	18.9			17.16
	Smallmouth Buffalo	0.1	20.0	0.0	0.0	0.0	0.0	0.0	0.1			2.52
	Spottail Shiner	0.8	0.0	0.0	0.0	0.6	3.1	2.0	4.3			1.33
	Walleye	0.0	0.3	1.4	0.0	0.5	0.3	0.4	0.1			0.38
	White Bass	0.2	7.3	1,014 .0	0.8	2.4	23.1	39.3	72.8			144.9 7
	White Crappie	0.3	50.8	0.0	0.0	0.0	3.3	7.0	6.6			8.49
	White Sucker	0.0	2.8	0.1	0.0	0.8	0.0	0.0	0.0			0.46
	Yellow Perch	0.0	11.1	5.2	4.3	6.9	3.2	12.3	9.1			6.49
std exp gill net	Bigmouth Buffalo	0.0	0.0	0.2	0.0	0.0						0.04
	Black Crappie	0.2	0.0	0.0	0.0	0.0						0.04

		CPUE											
Gear	Species	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Avg	
std exp gill net	Bluegill	0.1	0.0	0.0	0.0	0.0						0.02	
	Channel Catfish	11.7	13.4	18.1	8.3	17.3						13.76	
	Chinook Salmon	0.0	0.0	0.0	0.0	0.0						0.00	
	Common Carp	1.3	2.7	2.6	1.4	2.2						2.04	
	Freshwater Drum	0.6	0.5	0.8	0.3	0.7						0.58	
	Gizzard Shad	0.1	0.0	0.0	0.0	0.0						0.02	
	Goldeye	0.0	0.0	0.0	0.0	0.0						0.00	
	Lake Herring	0.0	0.0	0.0	103.4	0.0							20.68
	Northern Pike	1.9	0.3	0.6	0.5	0.8							0.82
	Rainbow Smelt	0.0	0.0	0.0	0.0	0.0							0.00
	River Carpsucker	0.8	0.6	1.6	0.1	0.1							0.64
	Sauger	0.1	0.1	0.0	0.0	0.0							0.04
	Shorthead Redhorse	0.2	1.3	0.6	0.5	0.0							0.52
	Shortnose Gar	0.0	0.0	0.0	0.0	0.0							0.00
	Smallmouth Bass	2.3	1.5	1.5	2.1	2.9							2.06
	Smallmouth Buffalo	0.0	0.4	0.4	0.5	0.4							0.34
	Spottail Shiner	0.0	0.0	0.0	0.0	0.0							0.00
	Walleye	18.2	10.7	10.7	3.0	3.9							9.30
	White Bass	0.9	0.6	0.8	0.3	0.2							0.56
	White Crappie	0.0	0.3	0.1	0.2	0.0							0.12
White Sucker	0.4	0.2	0.9	0.2	0.1							0.36	
Yellow Perch	0.4	0.5	0.8	1.8	0.8							0.86	
suspended gill net*	Channel Catfish					1.0	0.5	0.0			0.3	0.45	
	Chinook Salmon					0.1	0.4	0.0			0.0	0.13	
	Lake Herring					174.3	237.4	301.0			145.3	214.50	
	Rainbow Smelt					2.2	14.5	41.3			7.0	16.25	
	Walleye					0.5	0.1	0.0			1.0	0.40	
	Yellow Perch					0.2	0.0	0.0			0.0	0.05	



## 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 gill net	Channel Catfish	PSD						60	66	66	79	89
		PSD-P						1	4	4	4	3
		Wr						79	82	82	85	81
	Common Carp	PSD						65	100	72	85	91
		PSD-P						15	49	32	37	45
		Wr						81	79	85	85	90
	Lake Herring	PSD								100	100	
		PSD-P								21	100	
		Wr								76	76	
	River Carpsucker	PSD						100	100	94	100	100
		PSD-P						100	100	82	95	92
		Wr						101	93	96	99	98
	Shorthead Redhorse	PSD						60	100	100	90	100
		PSD-P						60	60	50	80	68
		Wr						92	94	95	93	92
	Smallmouth Bass	PSD						57	82	78	66	72
		PSD-P						13	39	45	33	24
		Wr						94	96	99	97	91
	Walleye	PSD						36	37	48	51	44
		PSD-P						19	15	13	13	16
		Wr						81	86	88	83	79
Yellow Perch	PSD						25	43	29	23	43	
	PSD-P						0	2	1	2	3	
	Wr						84	96	95	87	79	
boat shocker (night)	Walleye	PSD						0			4	
		PSD-P						0			0	
std exp gill net	Channel Catfish	PSD	51	38	31	36	49					
		PSD-P	7	3	3	3	2					
		Wr	80	79	85	78	77					
	Common Carp	PSD	100	100	100	97	65					
		PSD-P	58	47	63	70	40					
		Wr	92	83	91	82	82					

Gear	Species	Index	Year															
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021						
std exp gill net	Lake Herring	PSD				99												
		PSD-P				3												
	River Carpsucker	PSD	100	100	100	0	100											
		PSD-P	93	100	100	0	100											
		Wr	95	104	100	837	103											
	Shorthead Redhorse	PSD	100	88	100	100												
		PSD-P	25	50	80	77												
		Wr	81	83	98	101												
	Smallmouth Bass	PSD	61	52	78	65	65											
		PSD-P	24	30	44	49	44											
		Wr	85	98	108	94	94											
	Walleye	PSD	32	21	19	59	59											
		PSD-P	7	2	1	3	36											
		Wr	76	75	87	81	83											
	Yellow Perch	PSD	13	44	27	25	27											
		PSD-P	13	0	7	0	0											
		Wr	68	88	100	85	82											
	suspended gill net	Channel Catfish	PSD					100	100									100
PSD-P							20	0									0	
Lake Herring		PSD					100	100	100									100
		PSD-P					2	1	10									30
Walleye		PSD					33	0										17
		PSD-P					0	0										17
Yellow Perch		PSD					0											
		PSD-P					0											

## 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+
2021	219	216 (15)	287 (104)	388 (55)	461 (8)	494 (11)	513 (9)	551 (13)	604 (1)	686 (2)	612 (2)
2020	262	227 (60)	351 (83)	389 (31)	445 (25)	466 (16)	497 (35)	498 (2)	514 (2)	610 (5)	633 (4)
2019	288	253 (78)	312 (42)	369 (42)	400 (21)	434 (58)	460 (10)	492 (8)	526 (6)	643 (2)	644 (20)
2018	125	253 (7)	308 (23)	367 (12)	379 (49)	454 (15)	345 (1)	532 (4)	421 (1)	527 (10)	678 (3)
2017	86	219 (9)	286 (7)	327 (39)	354 (13)	555 (1)	506 (7)	593 (2)	535 (7)		645 (1)
2016	84	218 (2)	264 (23)	310 (16)	390 (5)	480 (10)	530 (4)	539 (24)	514 (1)		
2015	92	211 (21)	278 (16)	343 (10)	391 (13)	458 (5)	454 (28)				
2014	211	196 (13)	273 (19)	316 (37)	317 (15)	360 (123)		463 (1)	471 (1)		750 (1)
2013	211	211 (11)	274 (45)	298 (13)	353 (137)	538 (1)	496 (3)	560 (1)	521 (1)		
2012	343	233 (18)	257 (8)	351 (285)	468 (8)	490 (4)	517 (13)	565 (3)		548 (3)	658 (3)

Species: Yellow Perch

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2012	8	119 (7)		196 (1)							

## **Fish Condition**

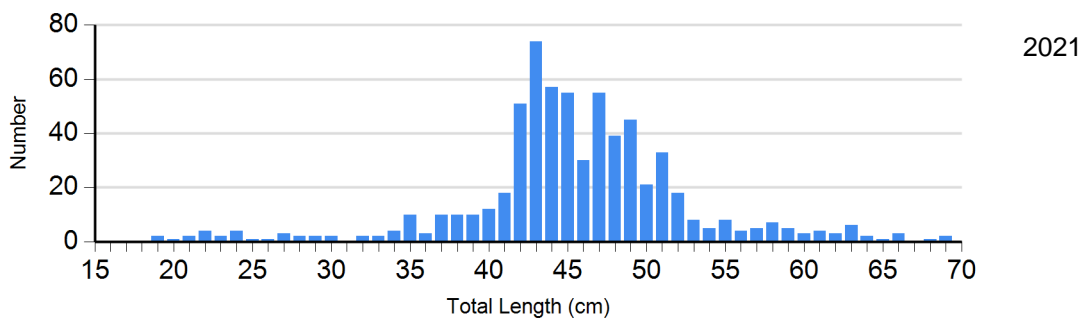
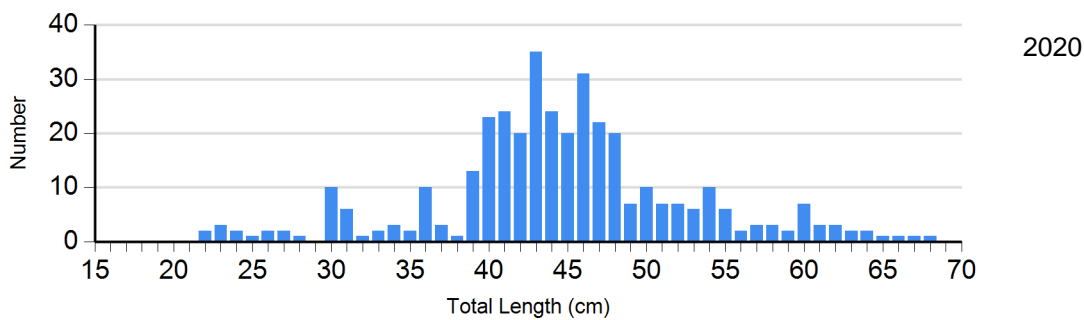
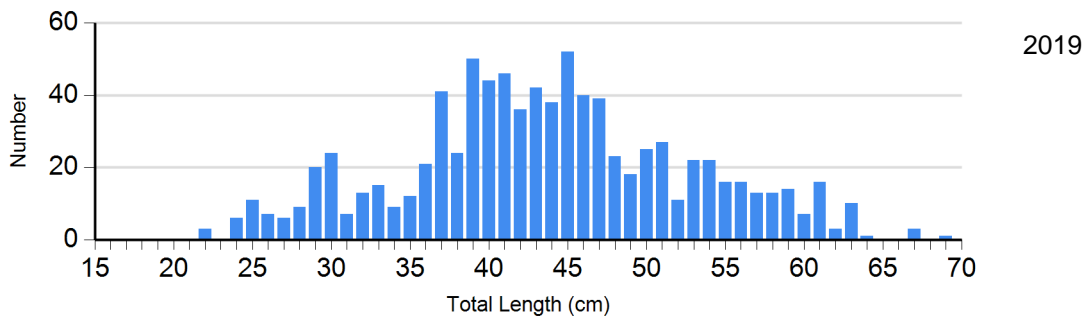
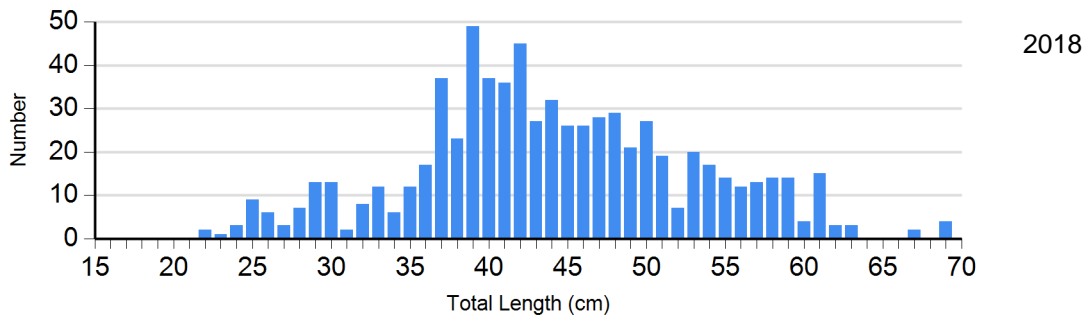
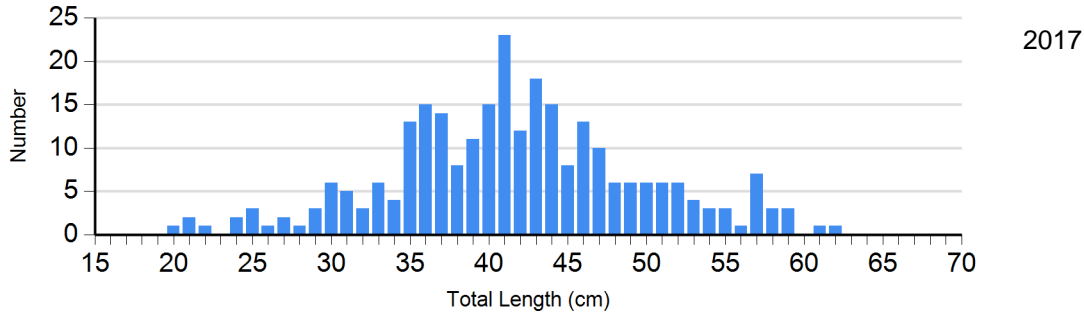
Mean relative weight (Wr) by sample size (N), length category stock to quality (S-Q), quality to preferred (Q-P), preferred to memorable (P-M), and memorable (M) for species collected across survey years with standard error (SE).

Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Channel Catfish Gill Net	2017	104	79 (1.0)	153	78 (0.8)	2	86 (13.5)	0	
	2018	236	83 (1.1)	431	80 (0.5)	27	94 (3.5)	0	
	2019	289	85 (0.9)	520	81 (0.5)	34	82 (2.1)	0	
	2020	75	86 (2.1)	266	85 (0.6)	14	84 (3.2)	0	
	2021	69	81 (0.7)	541	81 (0.5)	22	79 (2.8)	0	
Common Carp Gill Net	2017	7	86 (1.8)	10	82 (2.3)	3	69 (15.4)	0	
	2018	0		18	82 (1.5)	17	76 (2.0)	0	
	2019	17	91 (1.2)	24	87 (1.2)	19	78 (1.4)	0	
	2020	10	88 (1.2)	33	86 (1.4)	25	82 (1.3)	0	
	2021	5	133 (45.7)	24	93 (4.0)	22	81 (4.1)	2	57 (17.4)
Walleye Gill Net	2017	47	78 (0.9)	13	81 (1.7)	13	91 (1.7)	1	98
	2018	78	84 (0.7)	28	87 (1.1)	10	86 (5.5)	8	95 (2.7)
	2019	136	87 (0.5)	92	89 (0.6)	19	92 (1.6)	14	95 (2.5)
	2020	106	81 (0.6)	81	84 (0.7)	21	88 (2.0)	7	96 (2.4)
	2021	106	77 (0.5)	52	80 (0.9)	22	86 (1.8)	8	88 (3.4)
Yellow Perch Gill Net	2017	6	86 (3.6)	2	78 (3.3)	0		0	
	2018	26	105 (13.6)	19	90 (1.0)	1	65	0	
	2019	86	99 (2.0)	34	86 (1.4)	1	108	0	
	2020	47	89 (1.6)	13	85 (3.8)	1	59	0	
	2021	21	83 (1.2)	15	73 (2.6)	0		1	75

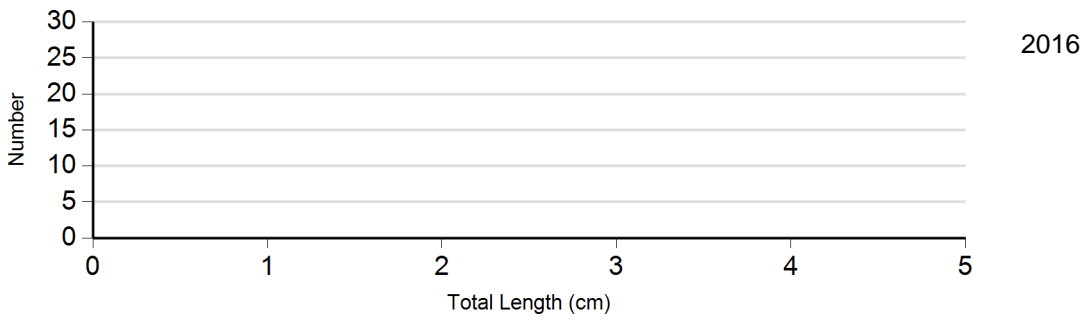
# Length Frequency Distribution

Length frequency histogram of species sampled by year.

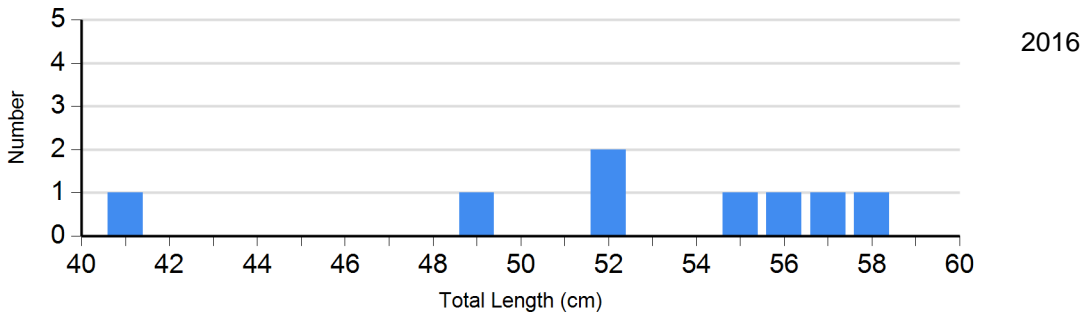
Species: Channel Catfish  
Gear: AFS std gill net



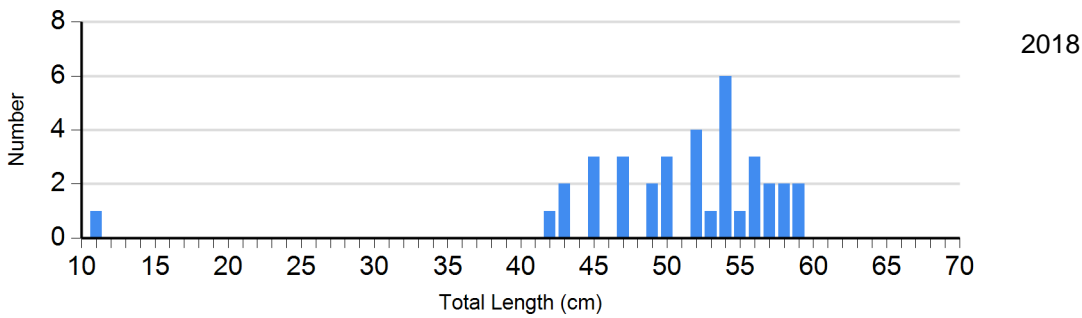
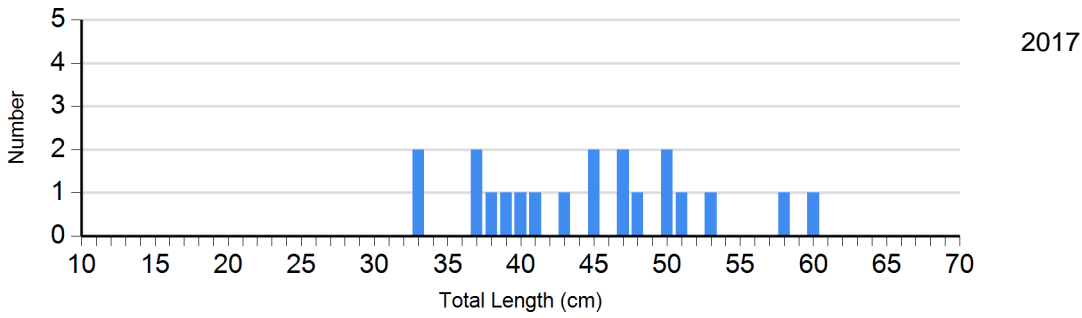
Species: Channel Catfish  
Gear: std exp gill net

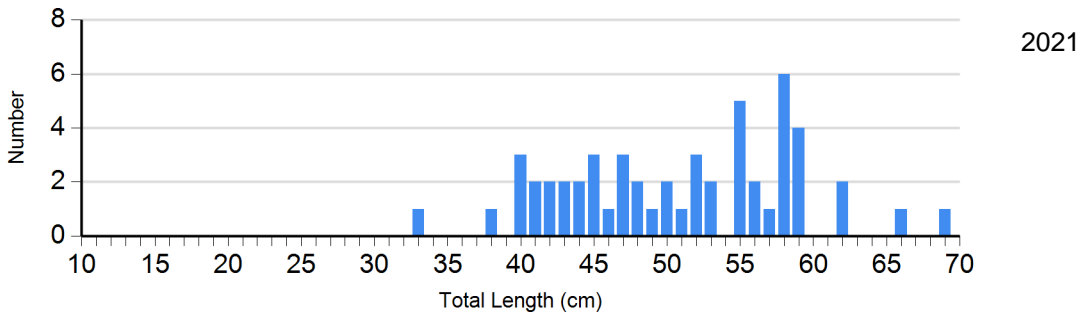
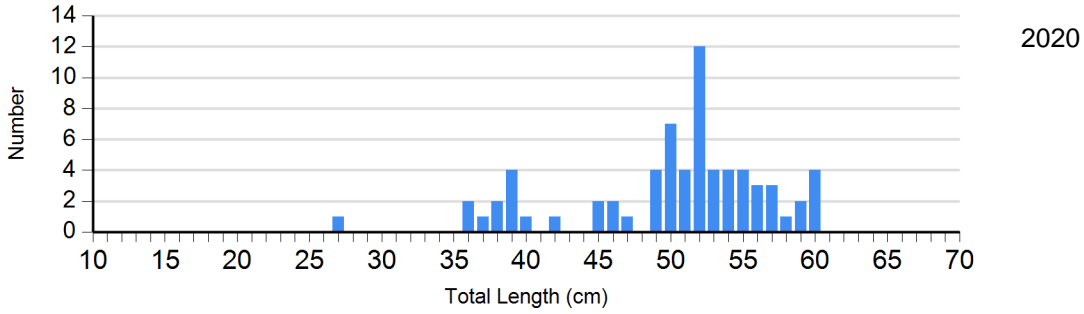
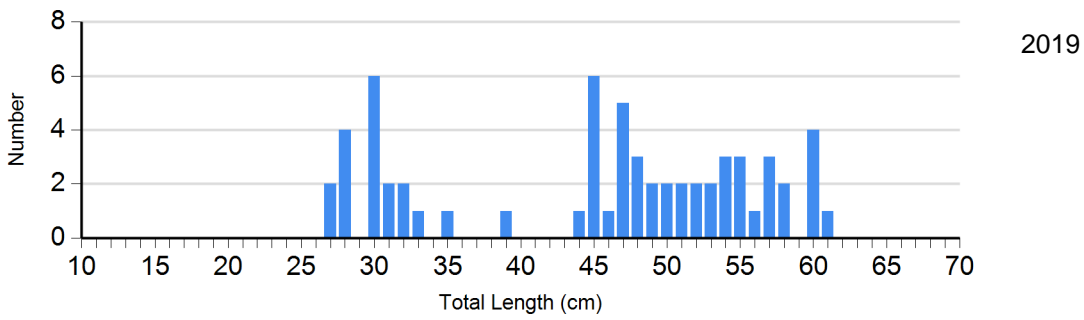


Species: Channel Catfish  
Gear: suspended gill net

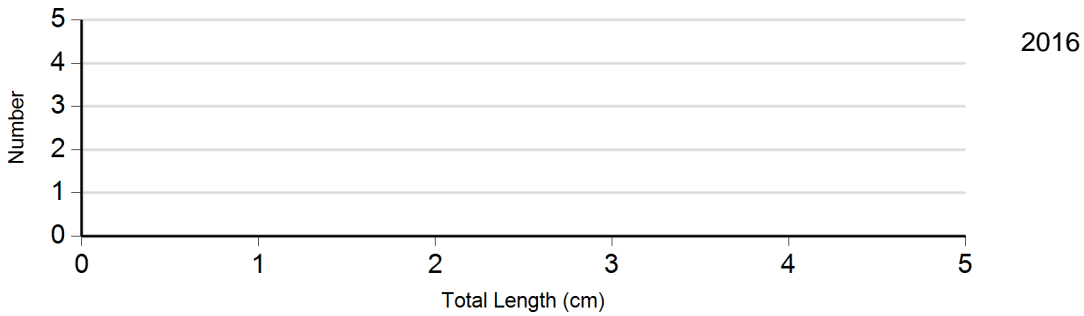


Species: Common Carp  
Gear: AFS std gill net

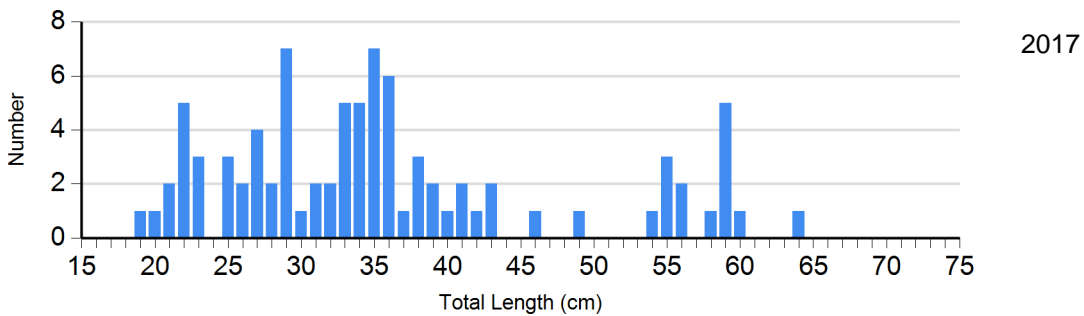


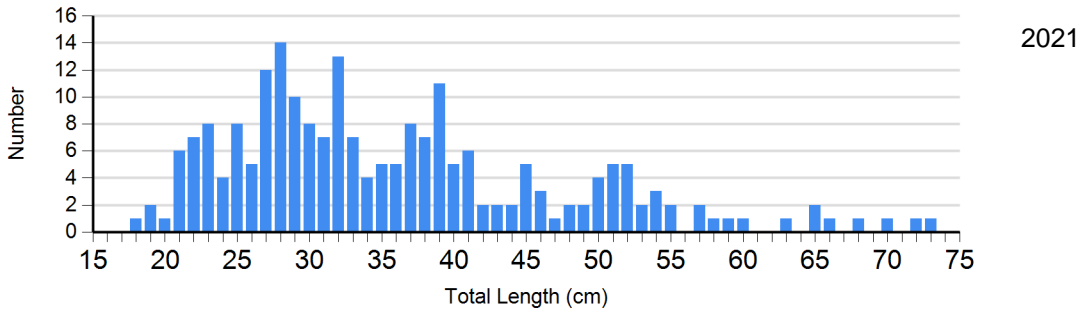
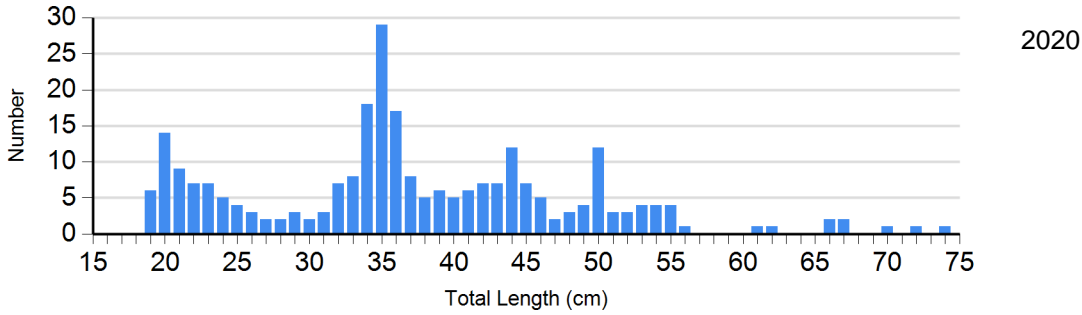
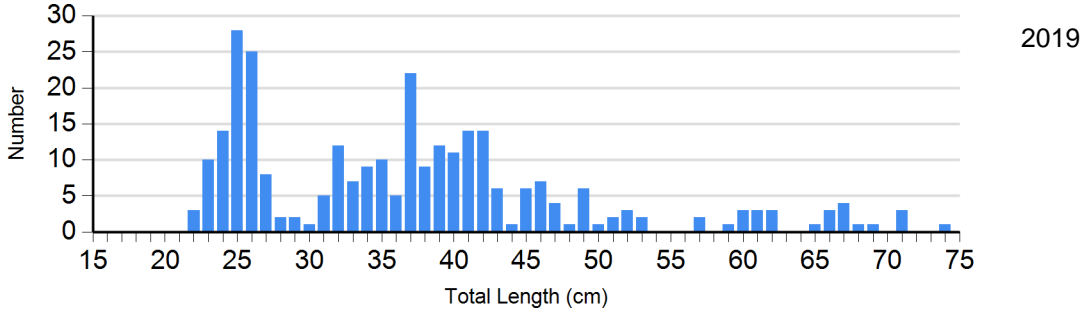
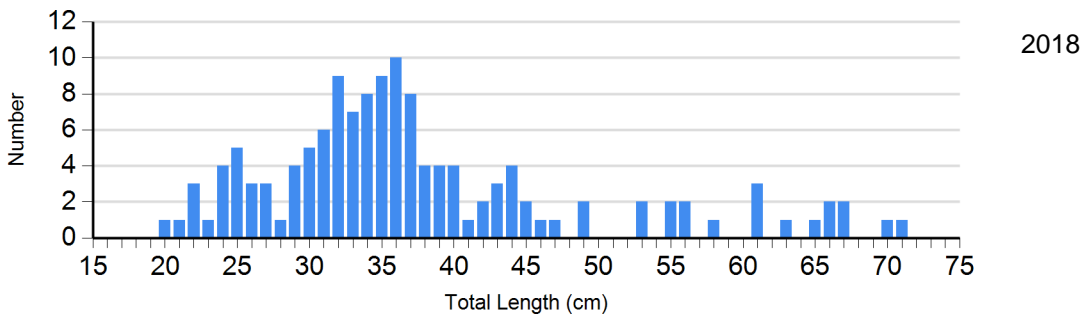


Species: Common Carp  
 Gear: std exp gill net

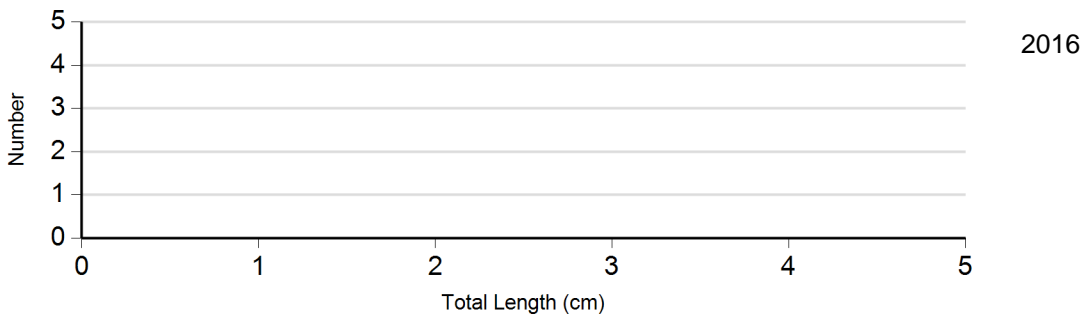


Species: Walleye  
 Gear: AFS std gill net



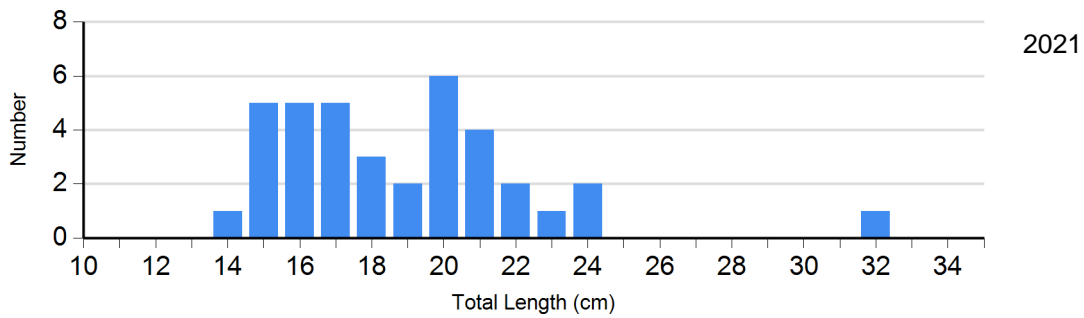
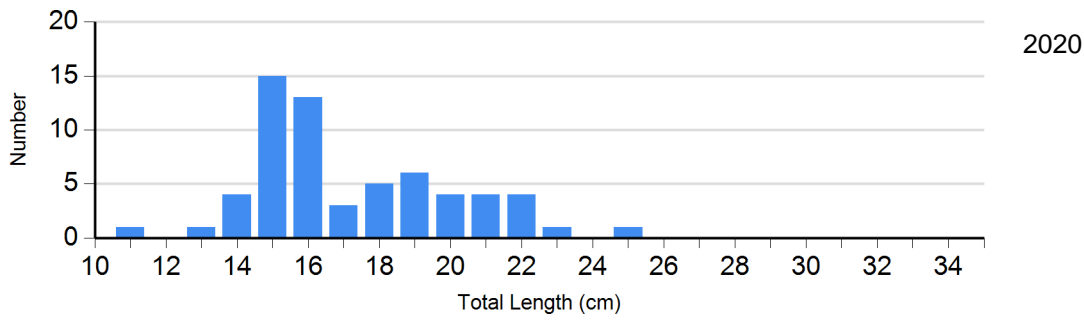
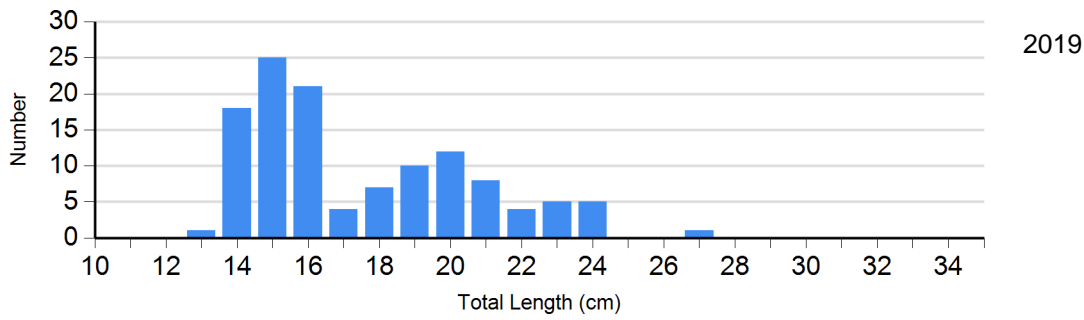
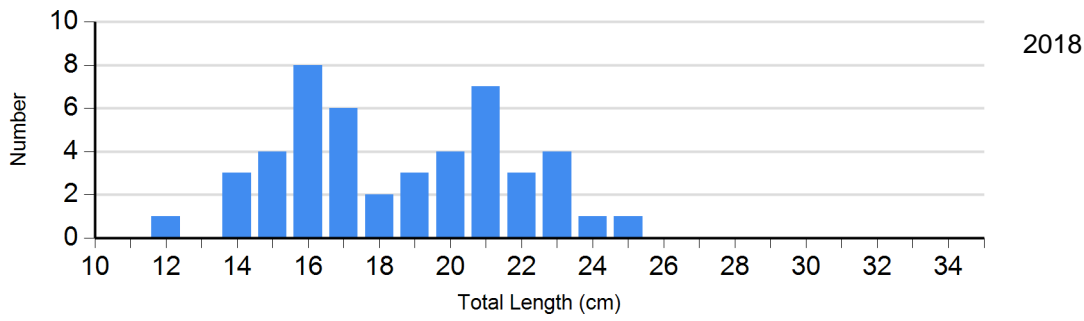


Species: Walleye  
 Gear: std exp gill net

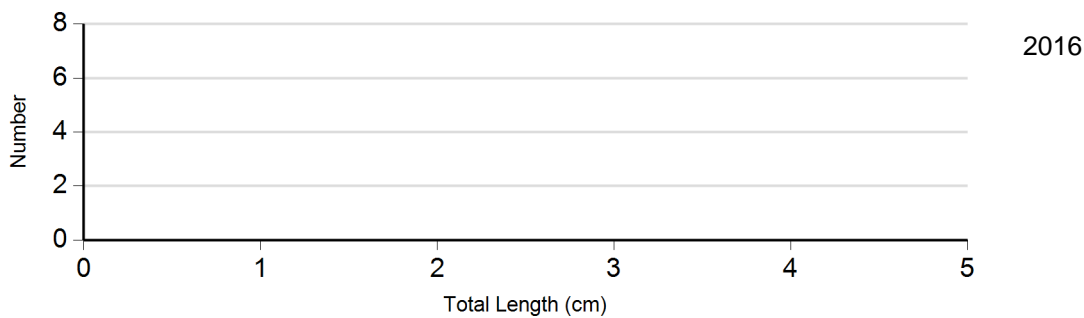




Species: Yellow Perch  
Gear: AFS std gill net



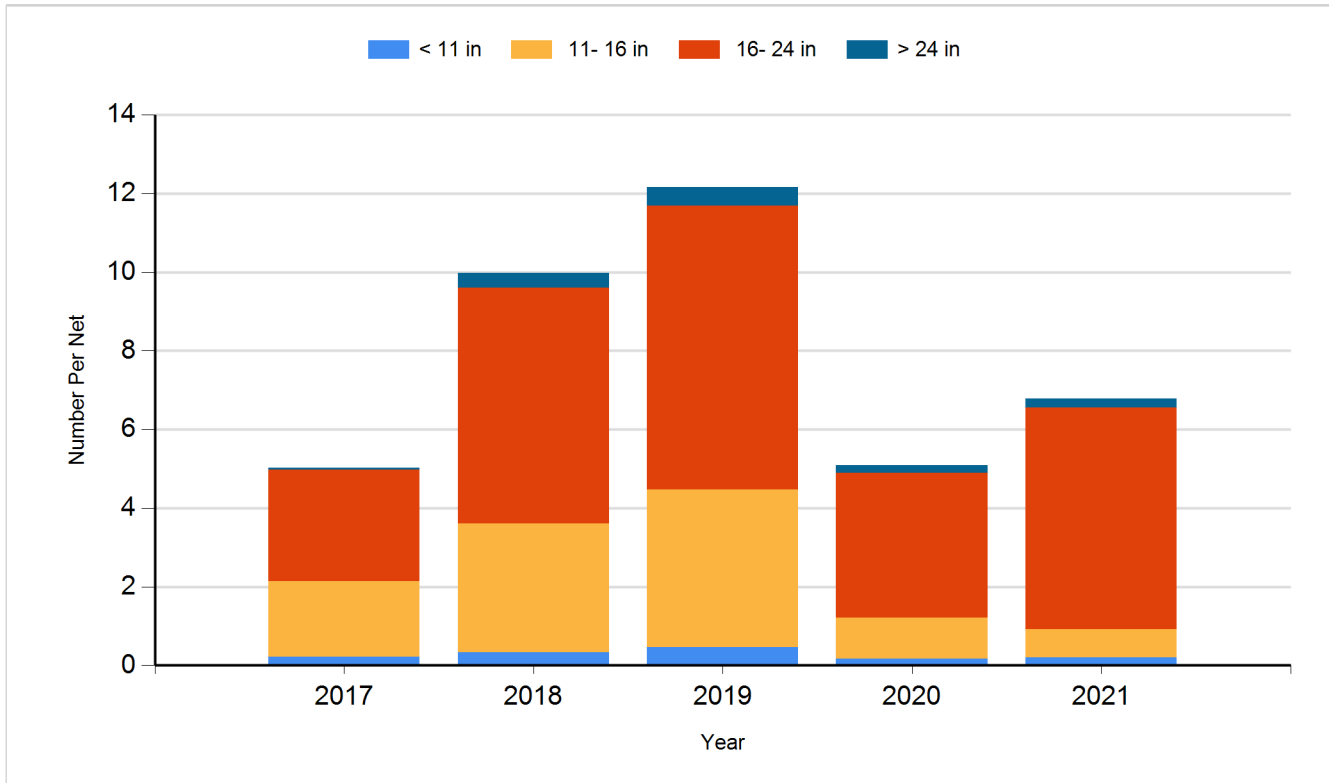
Species: Yellow Perch  
Gear: std exp gill net



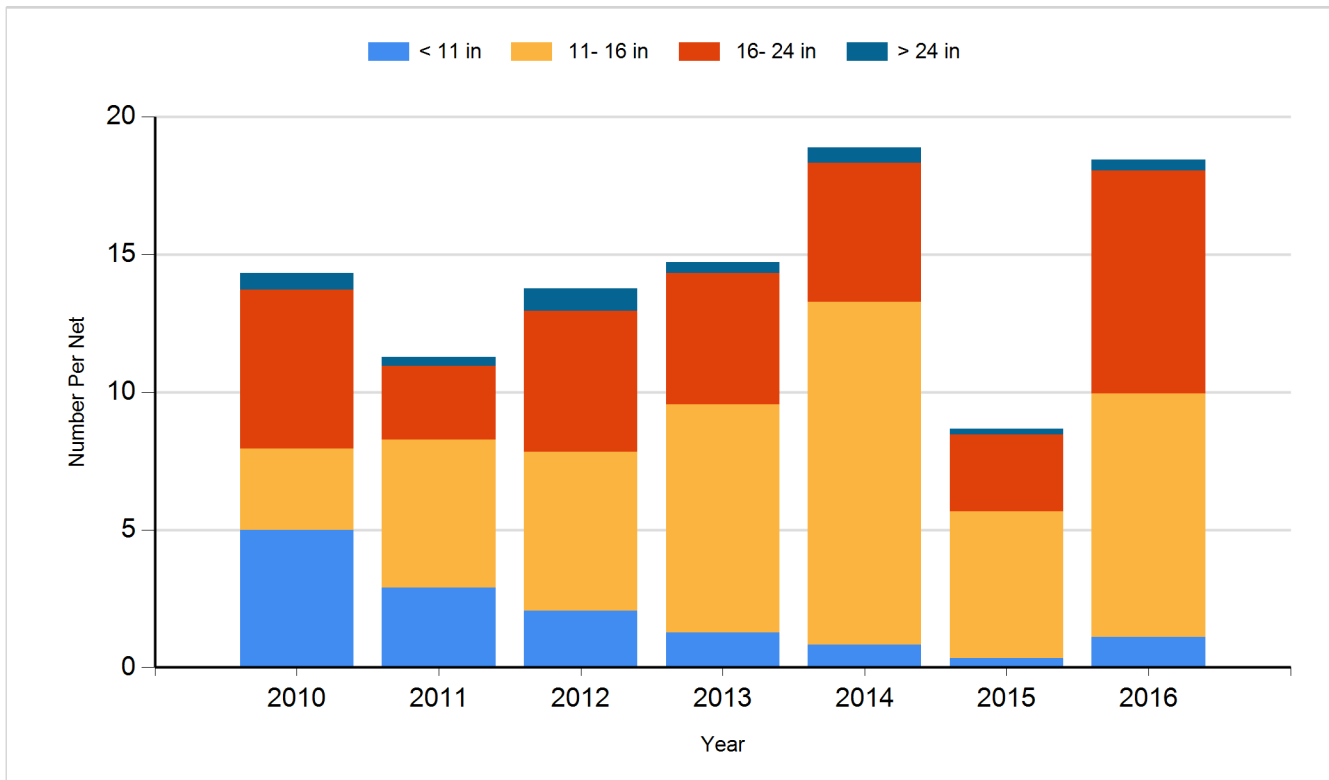
## Historic Fish Sizes and Relative Abundance

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

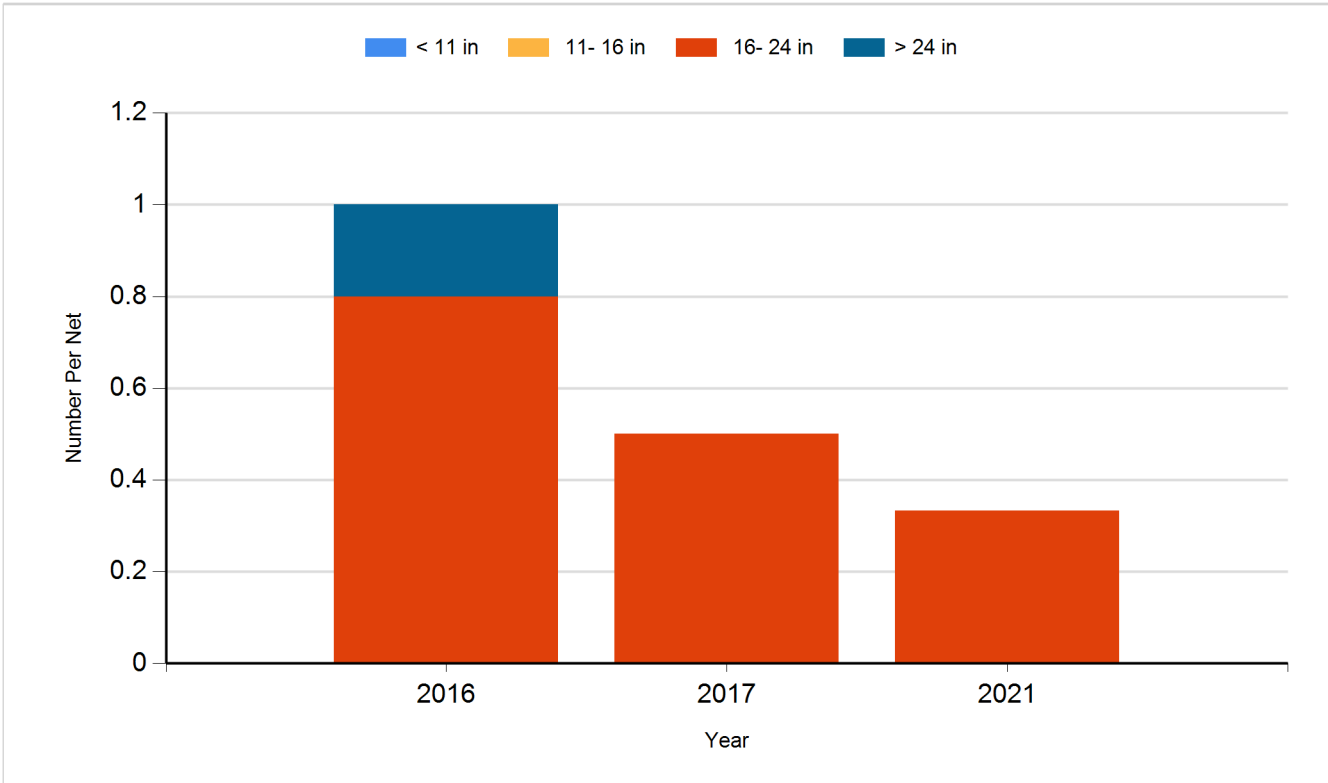
Species: Channel Catfish  
Gear: AFS std gill net



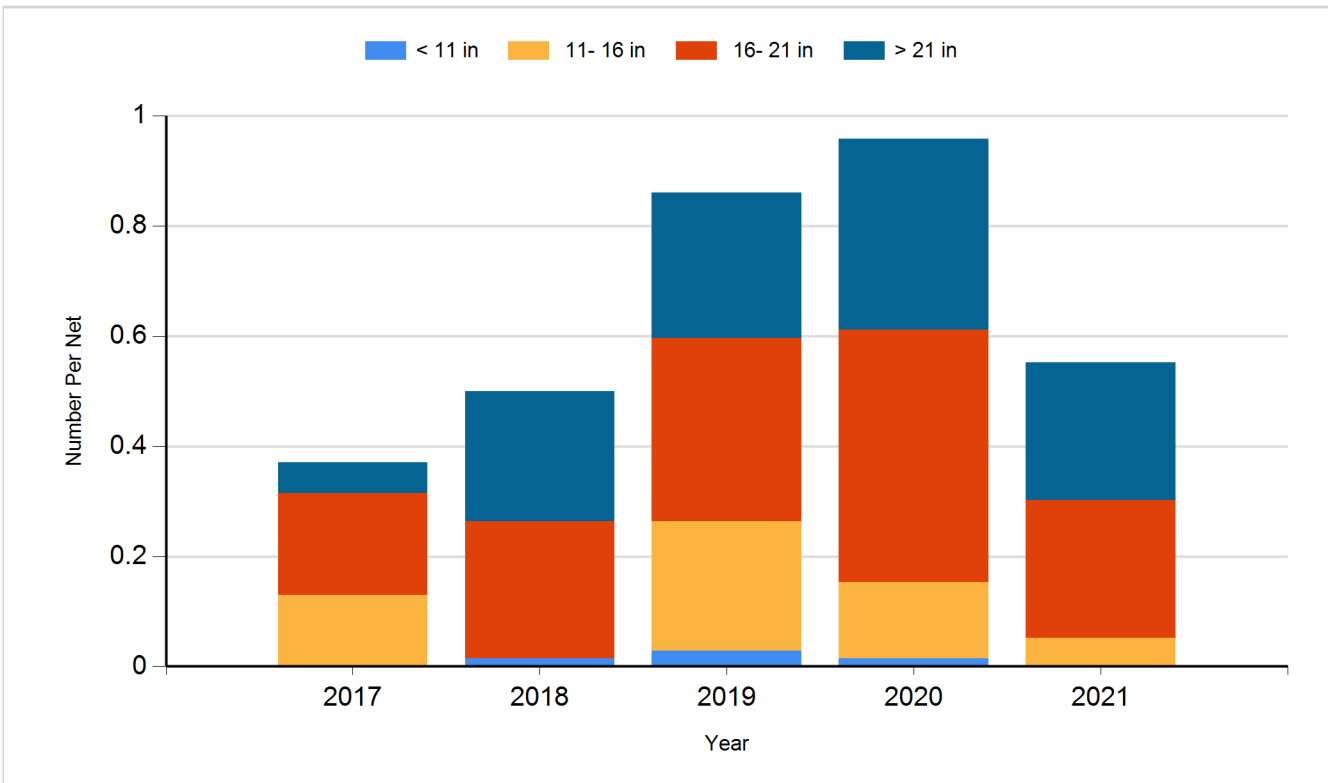
Species: Channel Catfish  
Gear: std exp gill net



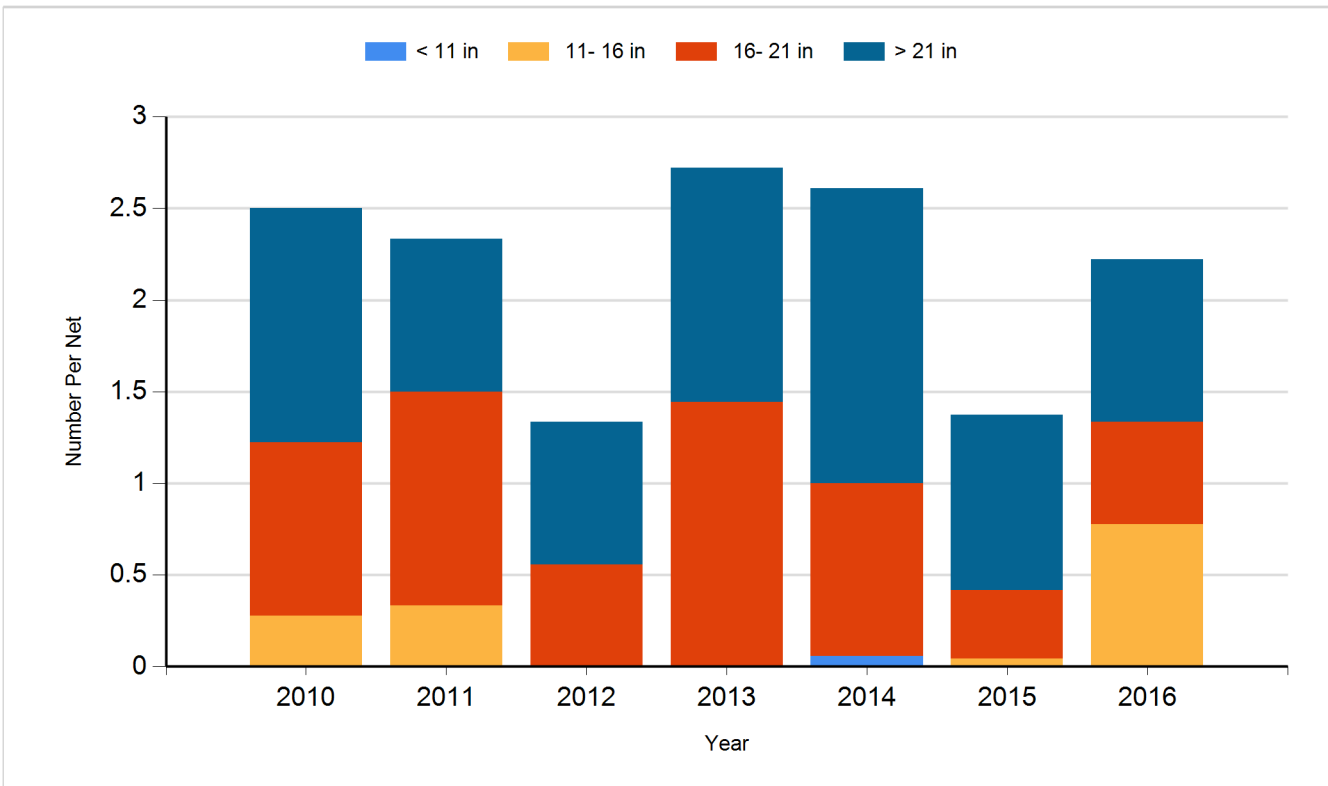
Species: Channel Catfish  
Gear: suspended gill net



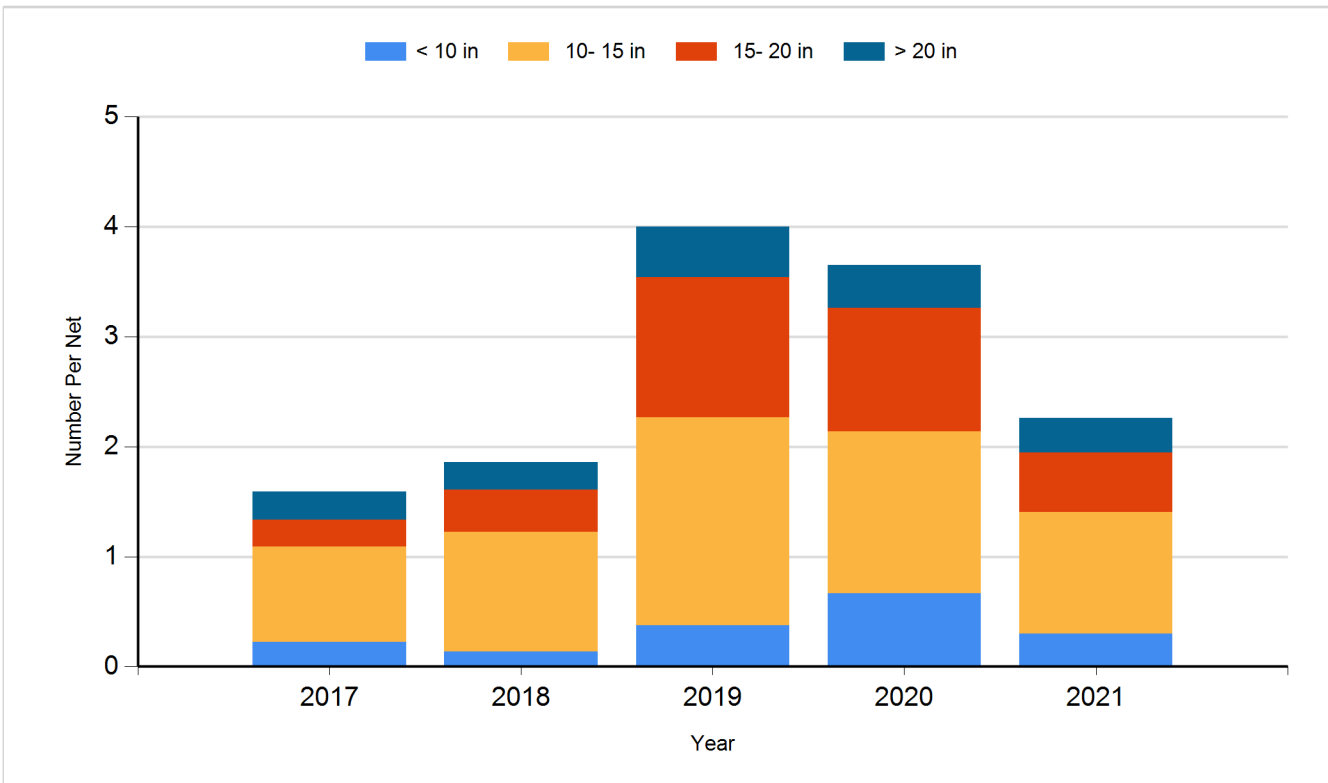
Species: Common Carp  
Gear: AFS std gill net



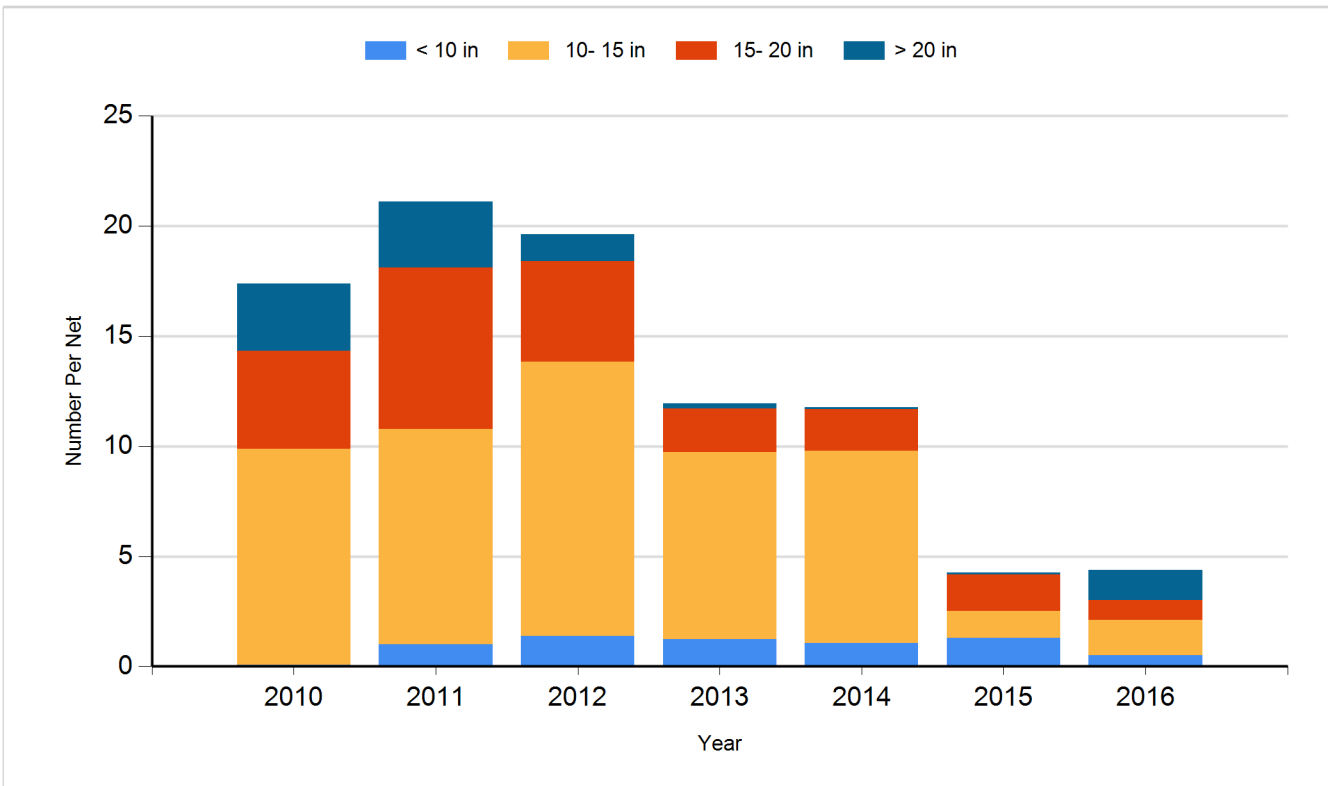
Species: Common Carp  
Gear: std exp gill net



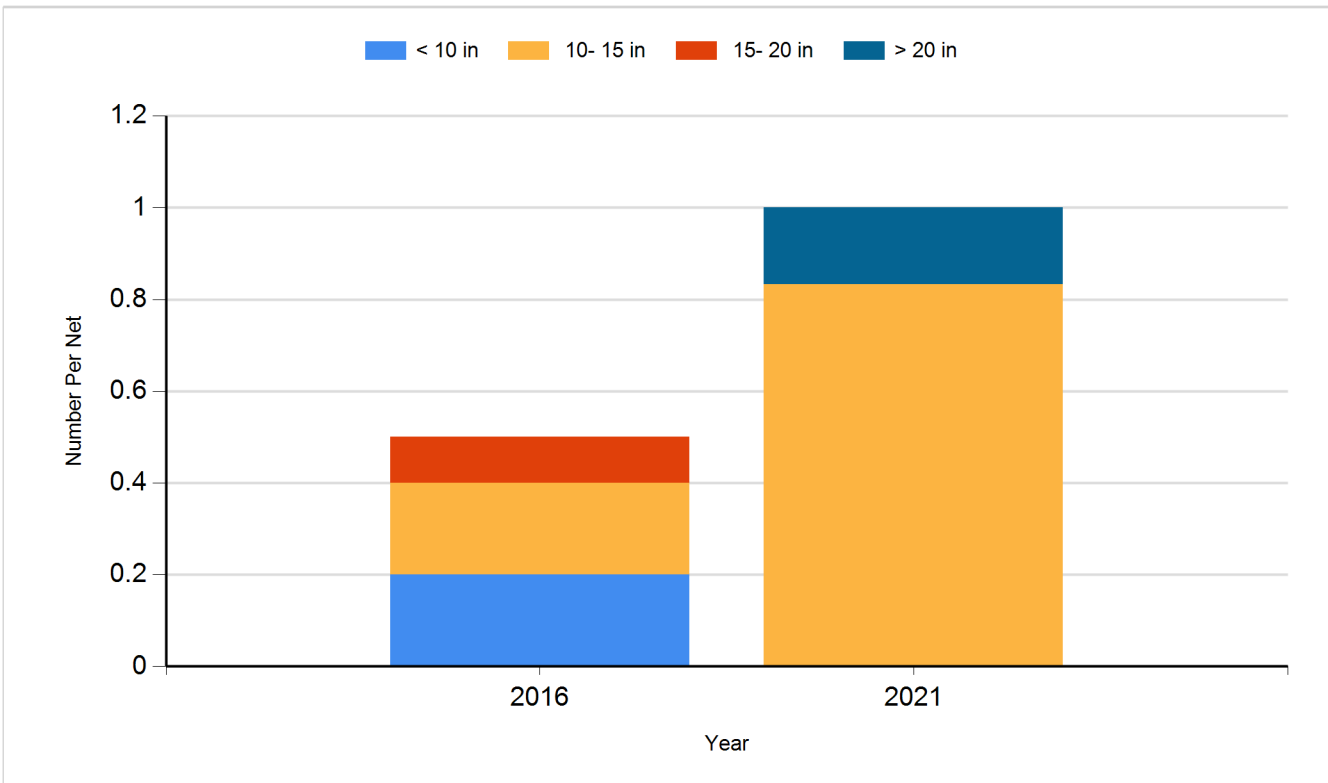
Species: Walleye  
Gear: AFS std gill net



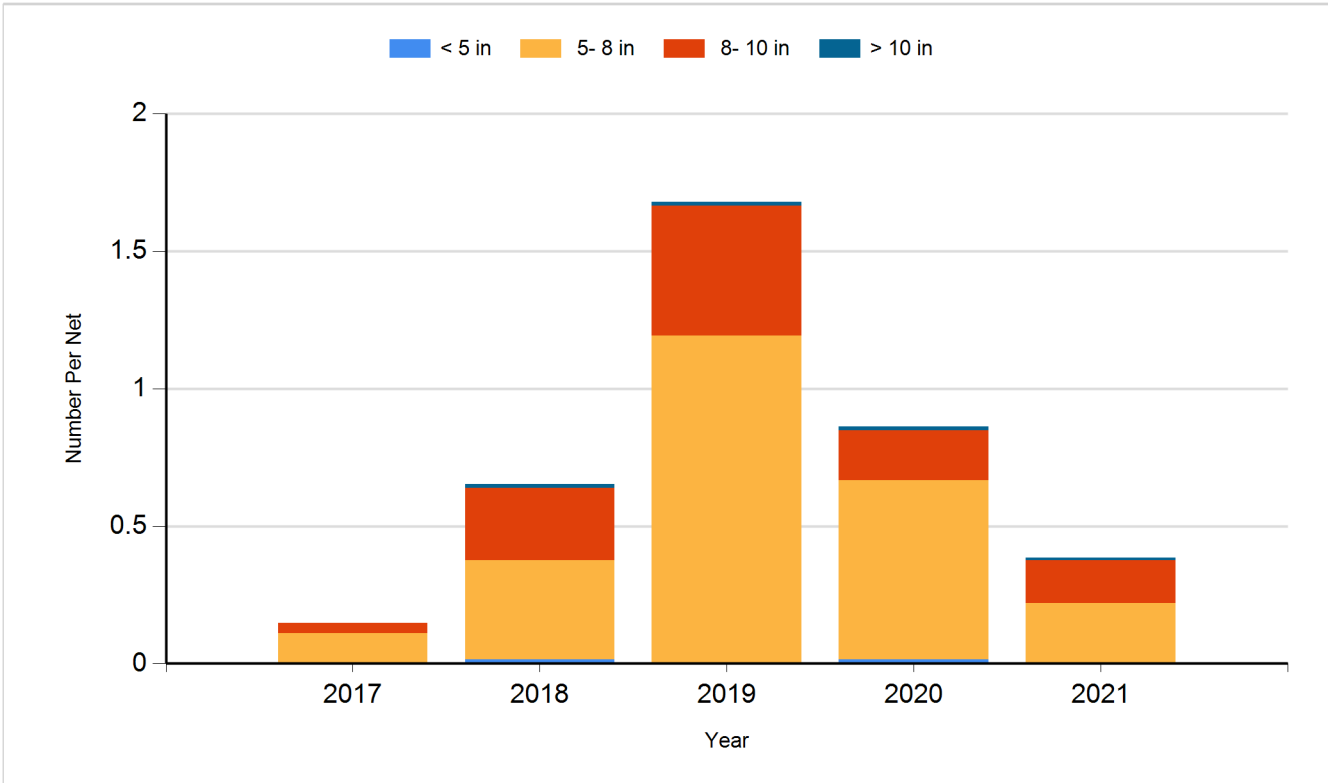
Species: Walleye  
Gear: std exp gill net



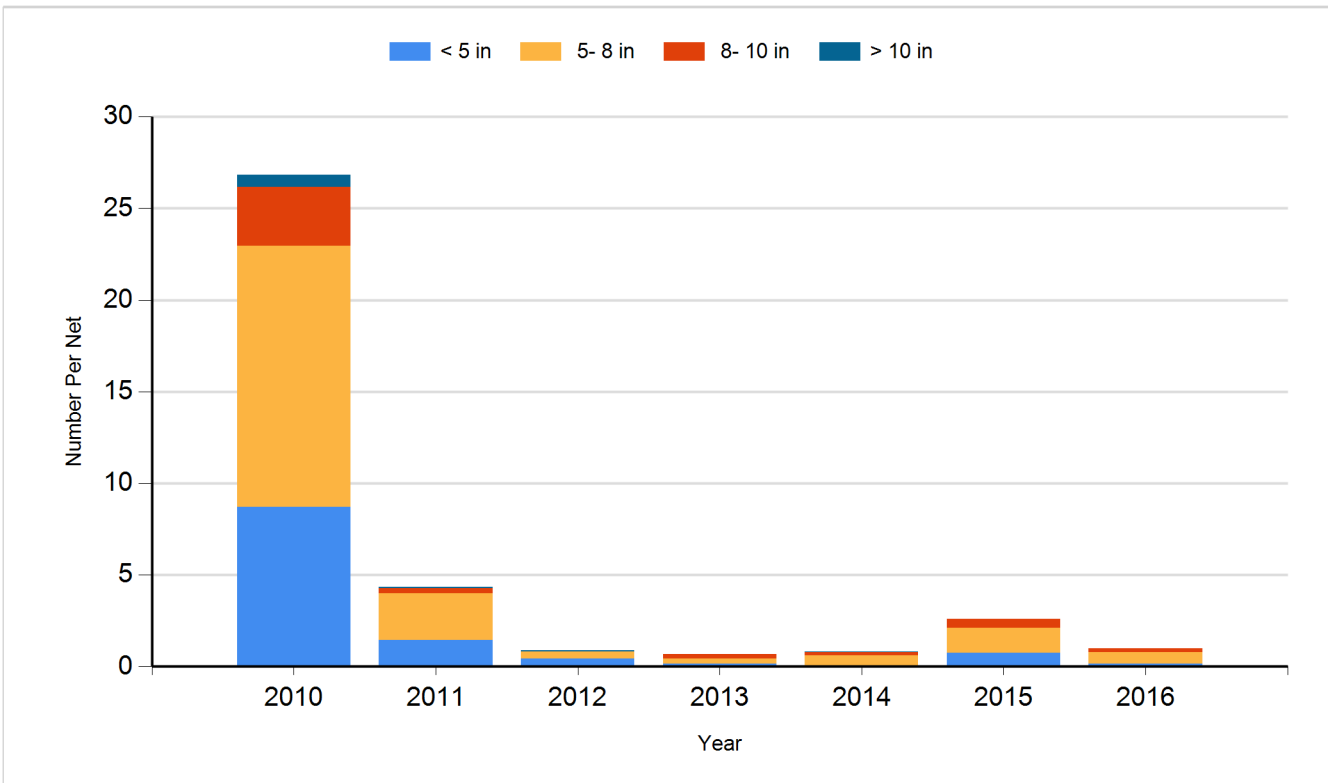
Species: Walleye  
Gear: suspended gill net



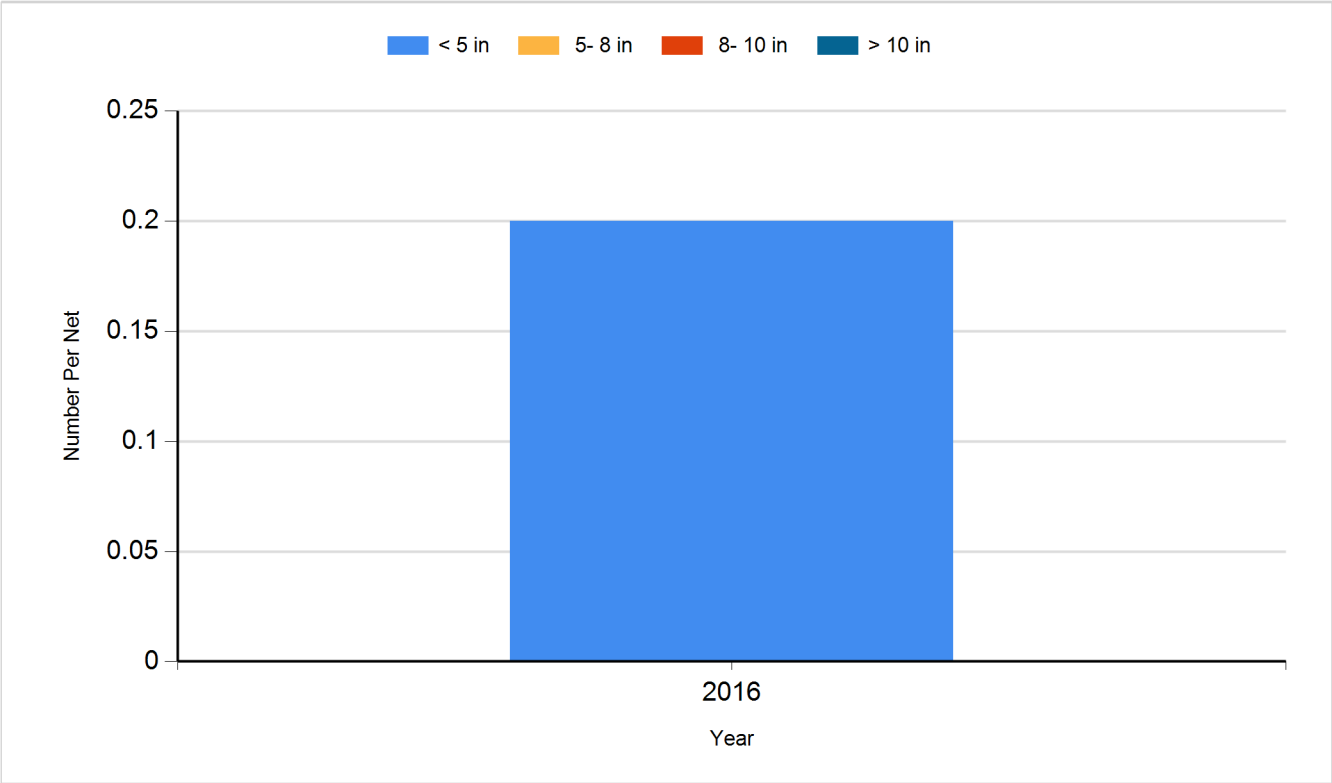
Species: Yellow Perch  
Gear: AFS std gill net



Species: Yellow Perch  
Gear: std exp gill net



Species: Yellow Perch  
Gear: suspended gill net



## **Fish Stocking**

Number of fish stocked by year, species, and size.

Year	Species	Size	Number
2010	Chinook Salmon (Oahe)	Fingerling	15,000
2010	Chinook Salmon (Oahe)	Large Fingerling	10,000
2011	Chinook Salmon (Oahe)	Large Fingerling	10,249
2011	Chinook Salmon (Oahe)	Small Fingerling	15,000
2012	Chinook Salmon (Oahe)	Fingerling	15,000
2012	Chinook Salmon (Oahe)	Large Fingerling	10,000
2012	Gizzard Shad	Adult	893
2012	Rainbow Trout (Shasta)	Large Fingerling	12,246
2013	Chinook Salmon (Oahe)	Fingerling	61,584
2013	Chinook Salmon (Oahe)	Large Fingerling	5,000
2013	Gizzard Shad	Adult	616
2013	Rainbow Trout (Erwin x Arlee)	Fingerling	32,904
2014	Chinook Salmon (Oahe)	Fingerling	80,125
2014	Chinook Salmon (Oahe)	Large Fingerling	4,932
2014	Chinook Salmon (Oahe)	Small Fingerling	31,104
2014	Gizzard Shad	Adult	642
2015	Chinook Salmon (Oahe)	Fingerling	71,308
2015	Gizzard Shad	Adult	168
2017	Chinook Salmon (Oahe)	Fingerling	79,242
2017	Walleye	Fry	3,700,000
2017	Walleye	Small Fingerling	300,820
2018	Chinook Salmon (Oahe)	Fingerling	99,426
2018	Walleye	Small	144,460
2018	Walleye	Small Fingerling	1,830,546
2019	Burbot	Fingerling	30,550
2019	Chinook Salmon (Oahe)	Catchable 11"	10,332
2019	Chinook Salmon (Oahe)	Fingerling	62,046
2019	Walleye	Small Fingerling	364,500
2020	Chinook Salmon (Oahe)	Large Fingerling	33,975
2021	Atlantic Salmon	Adult	2,247
2021	Atlantic Salmon	Catchable 11"	3,389
2021	Atlantic Salmon	Juvenile	4,198
2021	Chinook Salmon (Oahe)	Juvenile	89,052
2021	Gizzard Shad	Adult	599
2021	Walleye	Juvenile	615,990