

SOUTH DAKOTA STATEWIDE FISHERIES SURVEY

Sharpe, Hughes County

FTR-Lake-6327-001

2022

Lake Information

Name: Sharpe
County: Hughes
Surface Area: 58,660 Acres

Surveys and Investigations

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

Gear	Date	Effort
AFS std gill net	Sep 20, 2022	16 net-nights
AFS std gill net	Sep 21, 2022	15 net-nights
AFS std gill net	Sep 22, 2022	17 net-nights

Common Fish Species Present

Walleye

Smallmouth Bass

Channel Catfish

Yellow Perch

Sauger

Common Carp

Gizzard Shad

White Bass

Shorthead Redhorse

River Carpsucker

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	Bigmouth Buffalo	2	0.0	0.0	100		100		91	8
	Channel Catfish	108	2.2	0.5	79	6	22	6	86	1
	Common Carp	36	0.8	0.2	94		81	10	99	2
	Flathead Catfish	1	0.0	0.0	100		0			
	Freshwater Drum	7	0.1	0.1	86		71		96	7
	Gizzard Shad	37	0.8	0.3	100				99	1
	Goldeye	29	0.0	0.0						
	Northern Pike	1	0.0	0.0	100		0		91	
	Redhorse	19	0.0	0.0						
	River Carpsucker	16	0.3	0.1	100		81		104	4
	Sauger	41	0.9	0.2	100		32	11	72	2
	Shorthead Redhorse	21	0.4	0.2	100		100		105	2
	Shortnose Gar	1	0.0	0.0						
	Smallmouth Bass	113	2.3	0.7	81	5	47	7	101	1
	Smallmouth Buffalo	2	0.0	0.0	100		50		72	2
	Walleye	300	6.1	0.6	24	3	2	1	80	1
White Bass	26	0.5	0.3	92		92		97	2	
Yellow Perch	63	1.3	0.5	75	8	44	9	86	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
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
AFS gill net (1/2 inch)*	Black Crappie					0.0	0.0	0.0	0.0	0.0		0.00
	Channel Catfish					0.1	0.0	0.0	0.1	0.1		0.06
	Common Carp					0.0	0.0	0.1	0.1	0.1		0.06
	Freshwater Drum					0.0	0.0	0.0	0.1	0.0		0.02
	Gizzard Shad					0.0	0.1	0.0	2.2	0.0		0.46
	Goldeye					0.0	0.0	0.0	0.0	0.1		0.02
	Lake Herring					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	0.1	0.0	0.1		0.04
	Shorthead Redhorse					0.0	0.0	0.0	0.0	0.0		0.00
	Smallmouth Bass					0.0	0.0	0.0	0.0	0.0		0.00
	Smallmouth Buffalo					0.0	0.0	0.0	0.0	0.0		0.00
	Spottail Shiner					0.2	0.5	0.6	0.3	0.1		0.34
	Walleye					0.3	0.4	0.2	0.3	0.5		0.34
	White Bass					0.0	0.0	0.0	0.0	0.0		0.00
Yellow Perch					0.2	0.3	0.3	0.3	0.5		0.32	
AFS std gill net	Bigmouth Buffalo		0.0			0.0	0.0	0.0	0.1	0.0	0.0	0.01
	Black Bullhead		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Black Crappie		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Channel Catfish		2.3			4.9	4.2	2.7	4.3	4.6	2.2	3.60
	Chinook Salmon		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Common Carp		0.4			0.9	0.6	0.8	0.8	1.2	0.8	0.79
	Flathead Catfish		0.0			0.0	0.1	0.0	0.0	0.1	0.0	0.03
	Freshwater Drum		0.4			0.6	0.4	0.5	0.6	0.5	0.1	0.44
	Gizzard Shad		0.2			0.3	0.3	0.5	0.3	0.4	0.8	0.40
	Goldeye		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Lake Herring		0.0			0.0	0.0	0.0	0.1	0.0	0.0	0.01
	Northern Pike		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Rainbow Trout		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Redhorse		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	River Carpsucker		0.8			0.2	0.0	0.1	0.4	0.5	0.3	0.33
	Sauger		1.0			0.4	0.1	0.2	0.1	0.4	0.9	0.44
Shorthead Redhorse		0.6			0.1	0.2	0.3	0.4	0.3	0.4	0.33	

		CPUE										
Gear	Species	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg
AFS std gill net	Shortnose Gar		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Shovelnose Sturgeon		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Smallmouth Bass		1.9			0.8	1.0	0.9	0.7	2.3	2.3	1.41
	Smallmouth Buffalo		0.3			0.1	0.0	0.1	0.0	0.1	0.0	0.09
	Spottail Shiner		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Walleye		12.9			5.0	3.4	2.6	7.6	4.4	6.1	6.00
	White Bass		0.6			0.8	0.1	0.1	0.1	0.4	0.5	0.37
	White Crappie		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	White Sucker		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.00
	Yellow Perch		1.3			0.6	1.1	0.5	1.1	1.1	1.3	1.00
large seine*	Walleye	12.1	13.0	5.1	5.8	3.1	2.7	1.0				6.11
std exp gill net	Bigmouth Buffalo	0.0	0.0	0.0	0.2							0.05
	Black Bullhead	0.0	0.0	0.0	0.0							0.00
	Black Crappie	0.0	0.0	0.1	0.1							0.05
	Burbot	0.0	0.0	0.0	0.0							0.00
	Channel Catfish	4.4	3.0	4.0	4.8							4.05
	Chinook Salmon	0.0	0.0	0.0	0.0							0.00
	Common Carp	2.5	1.1	2.0	1.5							1.78
	Freshwater Drum	0.1	0.1	0.4	0.5							0.28
	Gizzard Shad	0.0	0.3	0.6	3.6							1.13
	Goldeye	0.0	0.0	0.0	0.0							0.00
	Lake Herring	0.0	0.0	0.6	0.0							0.15
	Largemouth Bass	0.0	0.0	0.0	0.0							0.00
	Northern Pike	0.0	0.0	0.0	0.0							0.00
	Rainbow Trout	0.0	0.0	0.0	0.0							0.00
	River Carpsucker	0.5	2.0	2.7	0.3							1.38
	Sauger	1.4	1.6	1.9	1.4							1.58
	Shorthead Redhorse	1.3	0.7	1.5	0.3							0.95
	Shortnose Gar	0.0	0.0	0.0	0.0							0.00
	Shovelnose Sturgeon	0.0	0.0	0.0	0.0							0.00
	Smallmouth Bass	1.1	0.6	0.7	1.6							1.00
	Smallmouth Buffalo	0.0	0.1	0.0	0.0							0.03
	Spottail Shiner	0.0	0.0	0.0	0.0							0.00
	Walleye	12.5	8.0	12.9	21.3							13.68
	White Bass	0.8	0.2	0.0	0.2							0.30
	White Crappie	0.0	0.0	0.0	0.8							0.20
	White Sucker	0.1	0.0	0.0	0.0							0.03

CPUE

Gear	Species	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg
std exp gill net	Yellow Perch	1.4	0.9	3.0	2.7							2.00

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 gill net	Channel Catfish	PSD		86			68	68	67	78	84	79
		PSD-P		39			18	21	16	18	16	22
		Wr					85	90	91	88	88	86
	Common Carp	PSD		100			97	100	100	98	100	94
		PSD-P		60			24	34	27	27	48	81
		Wr					80	85	83	85	90	99
	Gizzard Shad	PSD		100			100	96	100	100	68	100
		Wr					97	99	108	103	104	99
	River Carpsucker	PSD		96			94	100	100	100	92	100
		PSD-P		96			50	100	100	96	85	81
		Wr					98	92	100	104	99	104
	Sauger	PSD		97			93	100	92	100	50	100
		PSD-P		49			26	38	33	20	33	32
		Wr					72	70	65	80	73	72
	Shorthead Redhorse	PSD		100			100	94	85	100	79	100
		PSD-P		81			100	81	70	56	50	100
		Wr					102	98	108	100	100	105
	Smallmouth Bass	PSD		68			70	90	87	88	82	81
		PSD-P		26			32	49	61	31	40	47
		Wr					99	100	93	103	104	101
	Walleye	PSD		26			35	40	47	57	65	24
		PSD-P		2			1	1	1	2	1	2
		Wr					77	80	78	89	81	80
	White Bass	PSD		96			100	100	100	100	84	92
		PSD-P		74			100	100	100	100	32	92
		Wr					93	100	92	98	122	97
	Yellow Perch	PSD		56			57	55	68	68	85	75
PSD-P			22			19	17	14	22	44	44	
Wr						87	86	98	93	87	86	
std exp gill net	Channel Catfish	PSD	53	77	68	44						
		PSD-P	4	15	13	9						
		Wr	86	86	89	85						
	Common Carp	PSD	97	100	100	89						

Gear	Species	Index	Year									
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
std exp gill net	Common Carp	PSD-P	20	22	31	26						
		Wr	86	84	82	87						
	Gizzard Shad	PSD	0	100	14	36						
		Wr		102	95	94						
	River Carpsucker	PSD	100	98	100	100						
		PSD-P	100	92	89	100						
		Wr	96	100	93	98						
	Sauger	PSD	94	92	98	97						
		PSD-P	30	66	60	55						
		Wr	76	72	76	74						
	Shorthead Redhorse	PSD	97	100	100	100						
		PSD-P	91	94	100	63						
		Wr	97	98	100	185						
	Smallmouth Bass	PSD	52	79	71	71						
		PSD-P	19	57	35	47						
		Wr	107	101	100	101						
	Walleye	PSD	60	52	41	41						
		PSD-P	0	1	0	1						
		Wr	84	85	79	82						
	White Bass	PSD	89	100	100	100						
		PSD-P	5	100	100	60						
		Wr	108	104	93	94						
	Yellow Perch	PSD	74	36	56	62						
		PSD-P	50	32	15	17						
Wr		97	92	96	84							

Length at Capture

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

Species: Sauger

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2022	40		341 (25)	392 (7)	427 (4)		441 (1)	461 (2)	461 (1)		
2021	17	234 (7)	294 (2)	383 (7)					511 (1)		
2020	5			331 (1)	388 (2)	366 (1)	371 (1)				
2019	11		284 (1)	341 (3)	346 (1)	377 (5)		415 (1)			
2018	7			356 (4)	359 (2)	384 (1)					
2017	27		321 (8)	361 (15)	432 (2)			468 (2)			
2016	32		330 (12)	382 (5)	396 (5)	404 (1)	404 (1)	474 (7)			
2015	44		317 (9)	391 (19)	408 (2)	417 (7)	459 (3)		413 (1)	445 (2)	451 (1)
2014	67	289 (6)	349 (21)	387 (15)	409 (17)	419 (8)		564 (1)		526 (2)	
2013	33	253 (2)	348 (7)	370 (13)	381 (8)	424 (1)			463 (2)		

Species: Walleye

Mean Length (expanded sample number) at capture by age											
Year	N	1	2	3	4	5	6	7	8	9	10+
2022	297	270 (69)	333 (151)	378 (12)	407 (21)	460 (2)	447 (18)	436 (5)	446 (7)	501 (8)	438 (2)
2021	277	227 (63)	330 (41)	387 (59)	429 (26)	424 (41)	428 (16)	440 (17)	429 (7)	439 (2)	500 (2)
2020	548	238 (12)	328 (118)	371 (97)	393 (127)	408 (61)	406 (80)	420 (39)	473 (6)		586 (7)
2019	199	222 (16)	319 (15)	359 (48)	384 (26)	380 (53)	404 (29)	451 (7)		500 (2)	462 (1)
2018	264	236 (24)	318 (62)	360 (49)	379 (55)	400 (55)	437 (12)		393 (1)	553 (2)	485 (3)
2017	377	239 (28)	313 (65)	357 (144)	390 (86)	418 (30)	407 (3)	442 (4)	464 (6)	456 (3)	518 (8)
2016	531	232 (22)	322 (184)	374 (206)	409 (67)		455 (10)	447 (19)	455 (7)	455 (4)	494 (9)
2015	341	214 (34)	327 (121)	382 (130)	450 (5)	426 (15)	423 (18)	416 (11)	432 (6)	465 (1)	
2014	681	245 (150)	337 (292)	389 (25)	397 (63)	427 (80)	423 (38)	426 (17)	456 (6)	461 (10)	
2013	315	249 (35)	349 (23)	380 (102)	397 (95)	395 (28)	426 (16)	465 (7)	444 (4)	424 (1)	454 (6)

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).

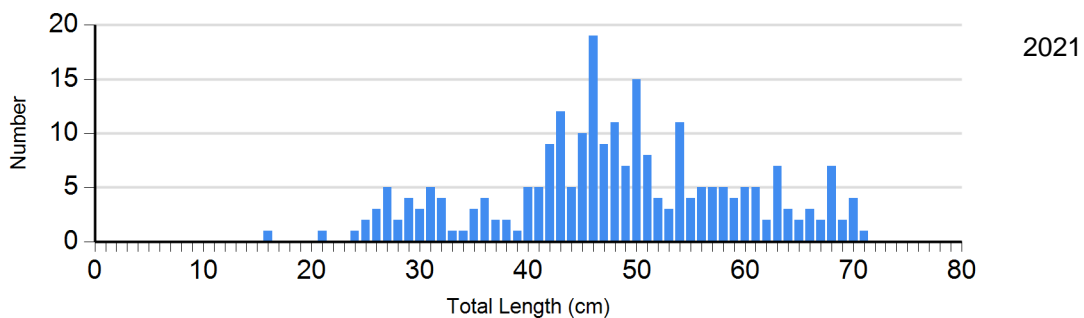
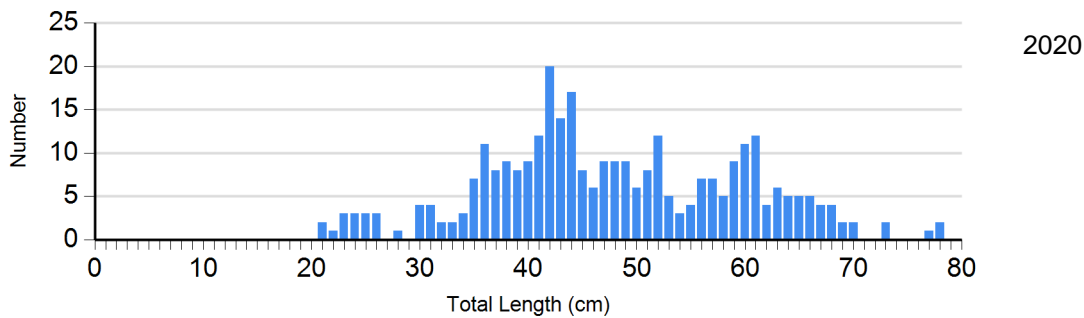
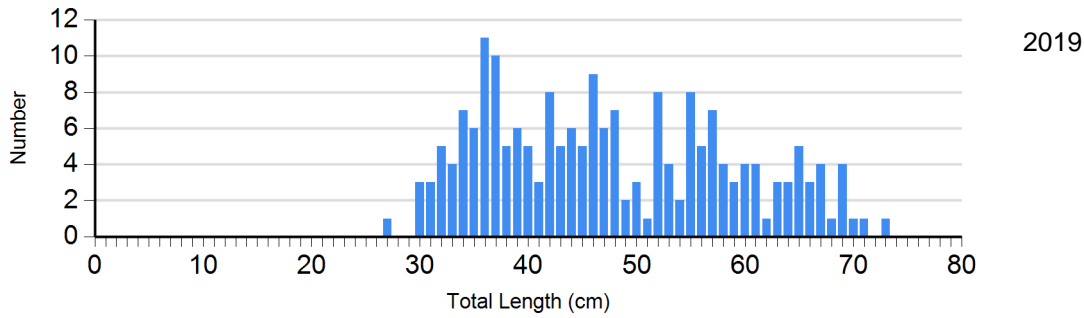
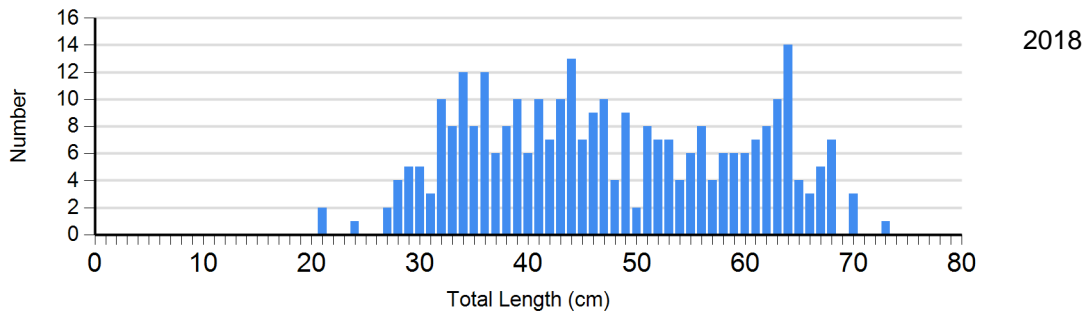
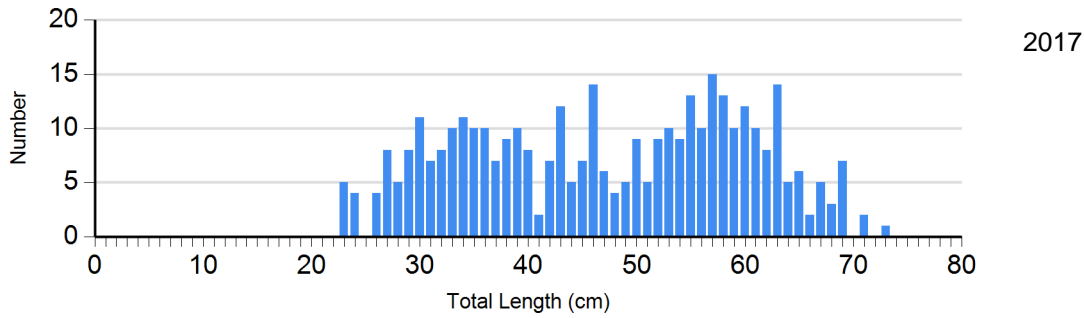
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
Channel Catfish Gill Net	2018	97	96 (3.9)	143	87 (0.8)	61	85 (1.7)	1	105
	2019	65	90 (0.7)	100	92 (1.1)	29	94 (1.9)	2	85 (6.4)
	2020	68	90 (0.8)	181	87 (0.7)	49	91 (1.8)	5	86 (6.6)
	2021	37	102 (11.7)	156	85 (0.8)	37	84 (1.9)	1	100
	2022	23	90 (2.3)	60	86 (0.9)	23	82 (1.5)	1	81
Common Carp Gill Net	2018	0		29	85 (2.2)	15	86 (2.0)	0	
	2019	0		40	83 (1.2)	15	84 (3.0)	0	
	2020	1	72	43	87 (1.0)	16	81 (1.5)	0	
	2021	0		30	90 (1.8)	28	90 (1.8)	0	
	2022	2	92 (1.8)	5	90 (3.5)	25	101 (2.2)	4	105 (8.4)
Sauger Gill Net	2018	0		5	68 (4.3)	3	72 (1.1)	0	
	2019	1	74	7	67 (4.0)	4	59 (2.7)	0	
	2020	0		4	81 (4.4)	1	73	0	
	2021	9	76 (0.9)	3	69 (3.7)	5	71 (1.1)	1	67
	2022	0		28	73 (1.2)	13	71 (2.5)	0	
Walleye Gill Net	2018	146	82 (0.6)	96	77 (0.5)	3	74 (3.1)	0	
	2019	97	81 (0.7)	85	76 (0.8)	2	75 (2.3)	0	
	2020	230	90 (0.5)	299	88 (0.4)	7	87 (4.8)	2	101 (0.5)
	2021	77	83 (0.8)	143	80 (0.4)	2	82 (0.9)	0	
	2022	222	81 (0.4)	65	76 (1.1)	4	81 (1.6)	1	78
White Bass Gill Net	2018	0		0		6	103 (1.8)	4	94 (3.4)
	2019	0		0		2	102 (2.1)	6	89 (4.2)

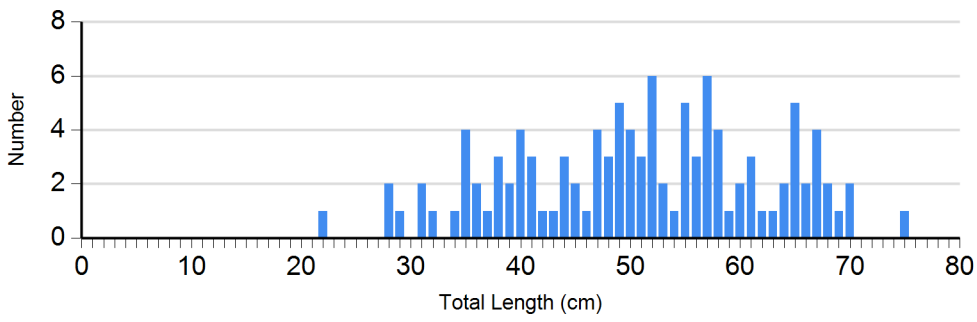
Species	Year	Length Groups							
		S-Q		Q-P		P-M		M	
		N	Wr (SE)	N	Wr (SE)	N	Wr (SE)	N	Wr (SE)
White Bass Gill Net	2020	0		0		1	104	6	97 (2.5)
	2021	3	224 (116.9)	10	100 (1.6)	2		4	96 (4.7)
	2022	2	96 (17.5)	0		15	98 (1.4)	7	95 (2.9)
Yellow Perch Gill Net	2018	34	86 (1.3)	29	86 (1.7)	13	85 (2.4)	0	
	2019	12	110 (4.6)	20	95 (2.2)	5	87 (4.3)	0	
	2020	25	97 (2.2)	35	91 (1.1)	17	92 (1.7)	0	
	2021	8	91 (1.8)	22	86 (1.9)	22	87 (1.9)	2	87 (0.5)
	2022	16	85 (1.8)	19	86 (1.8)	25	87 (1.7)	3	85 (2.3)

Length Frequency Distribution

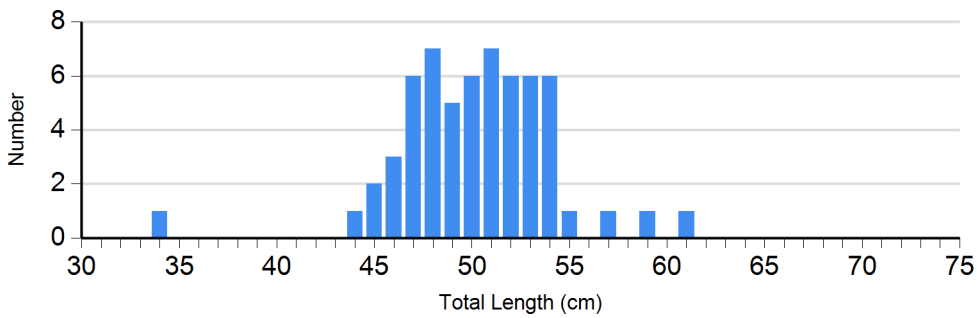
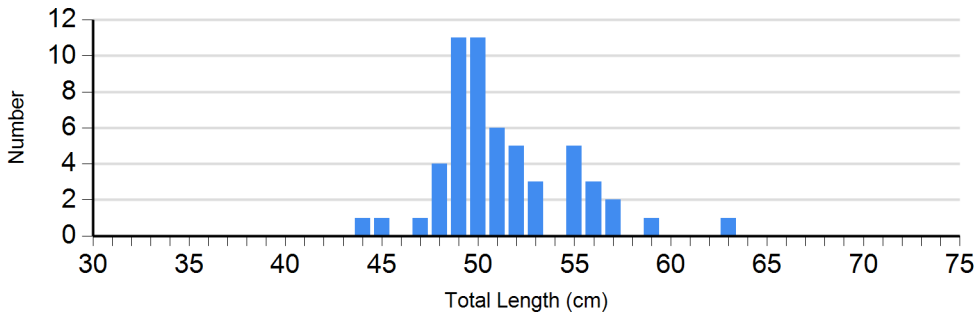
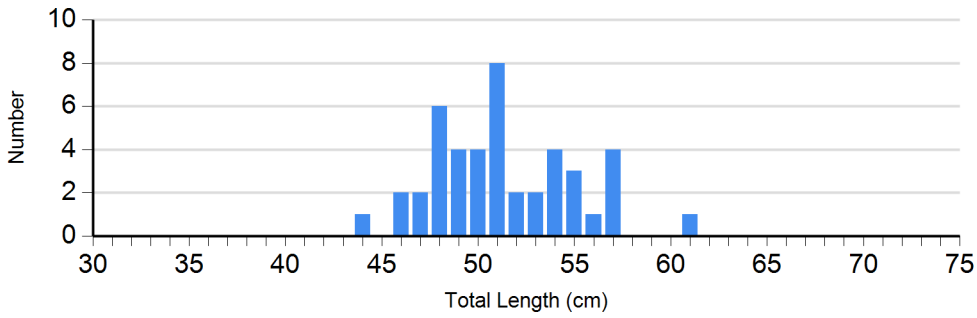
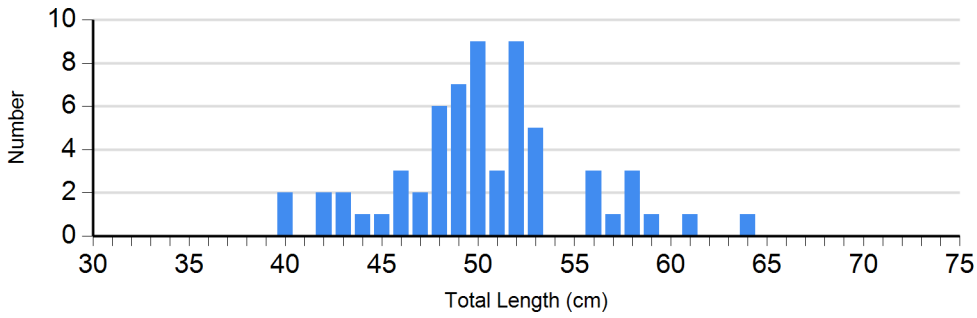
Length frequency histogram of species sampled by year.

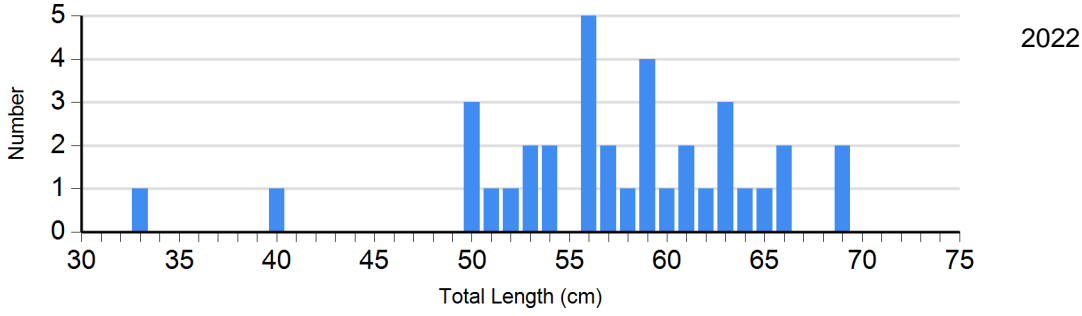
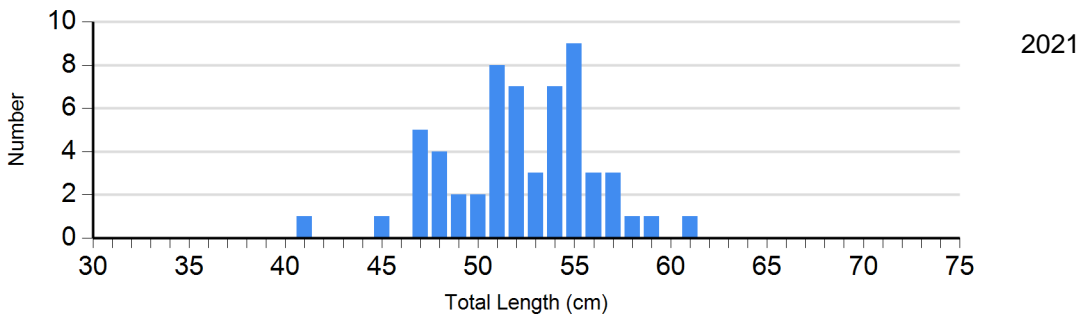
Species: Channel Catfish
Gear: AFS std gill net



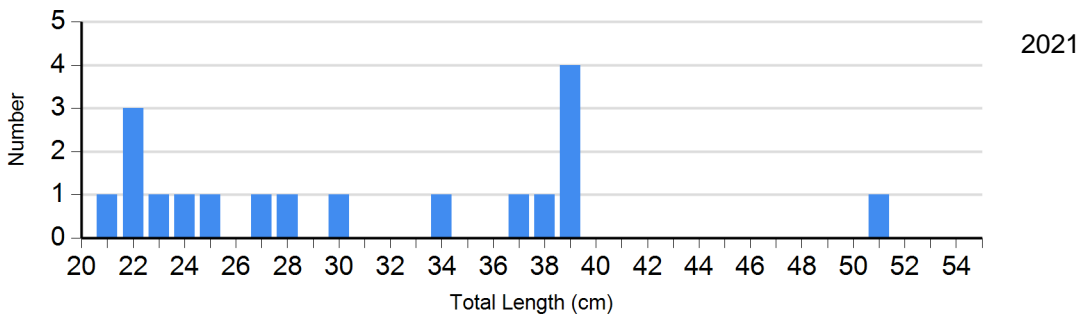
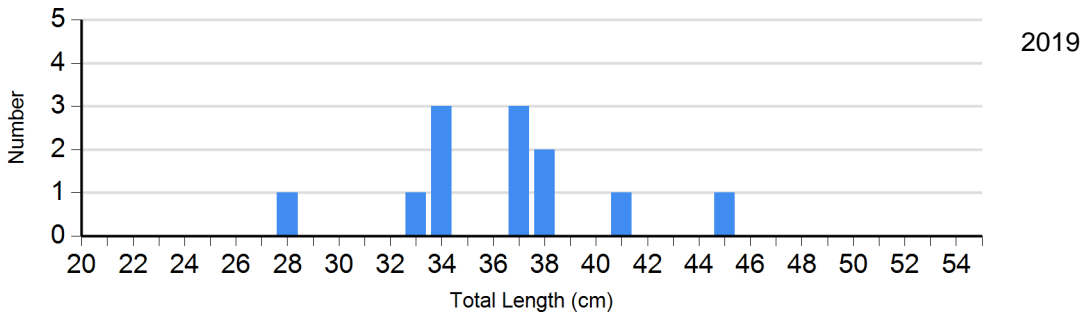
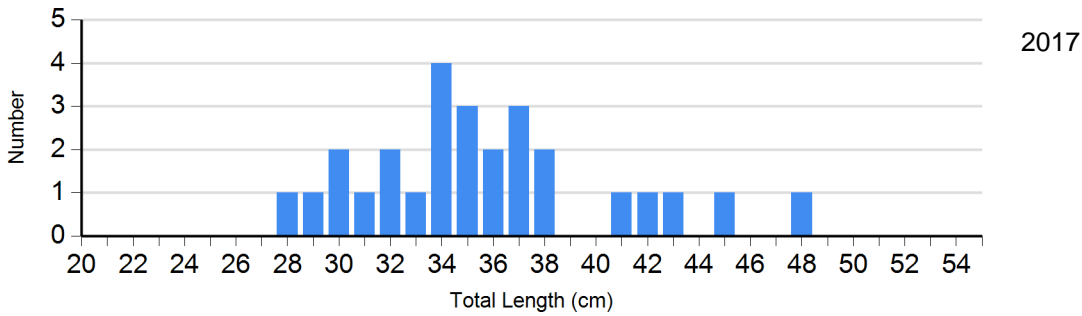


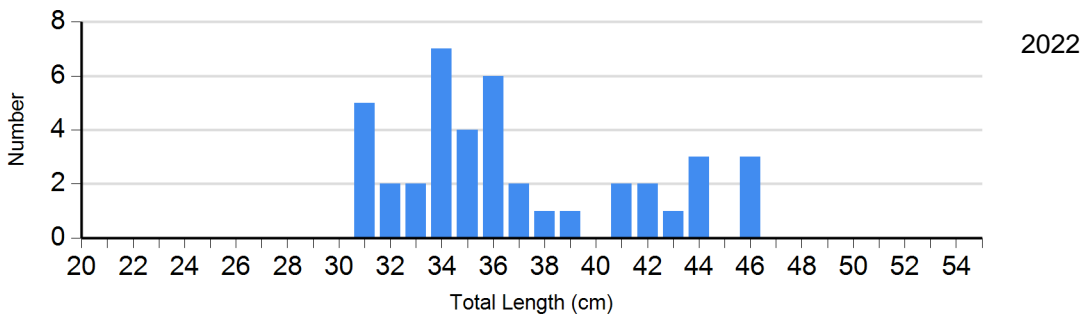
Species: Common Carp
Gear: AFS std gill net



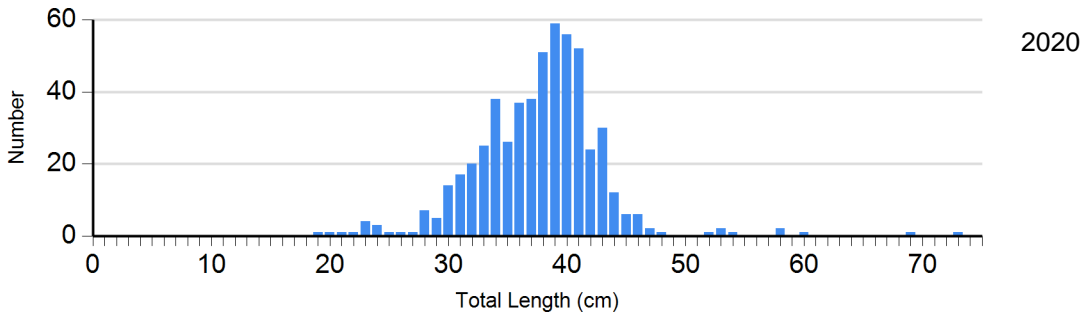
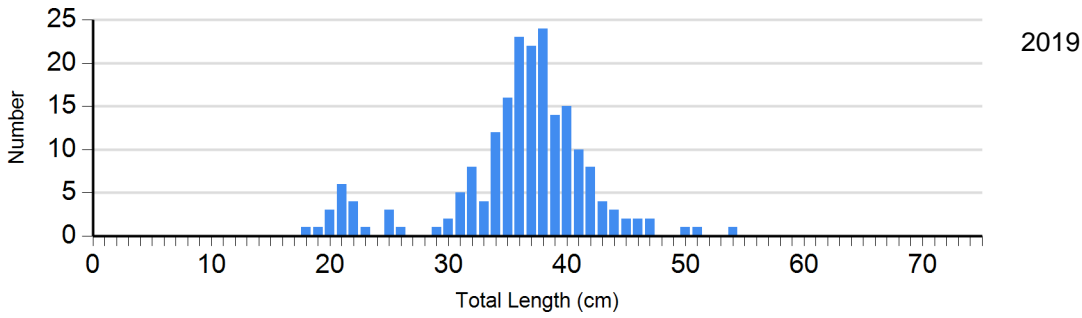
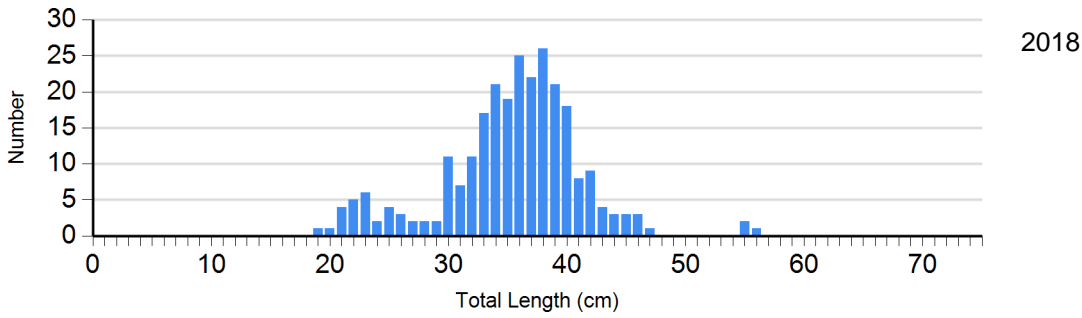
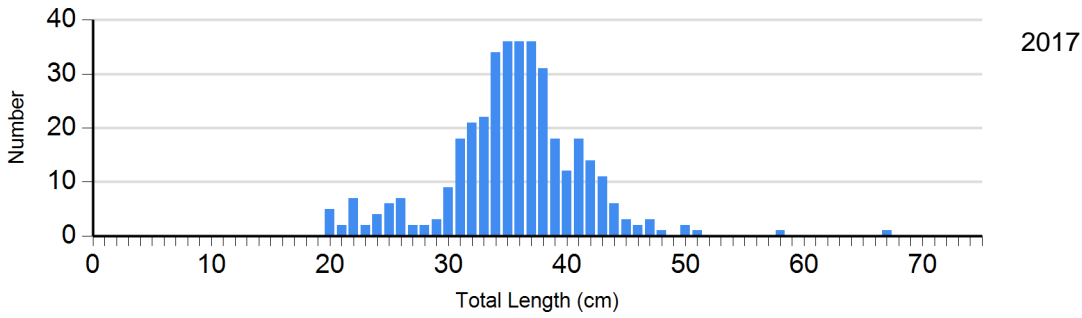


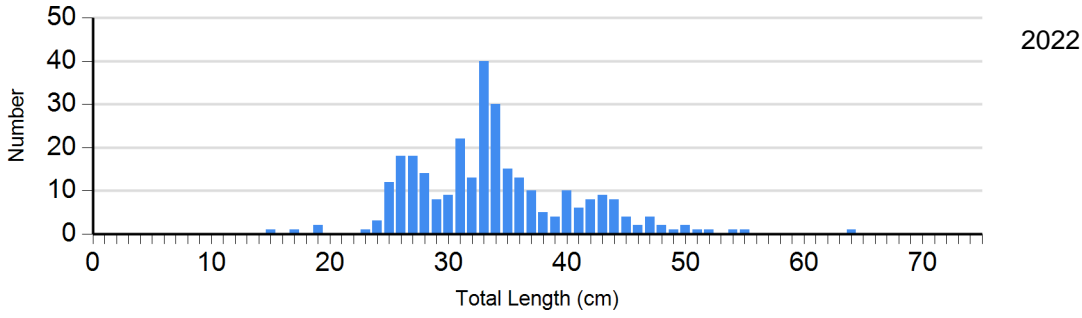
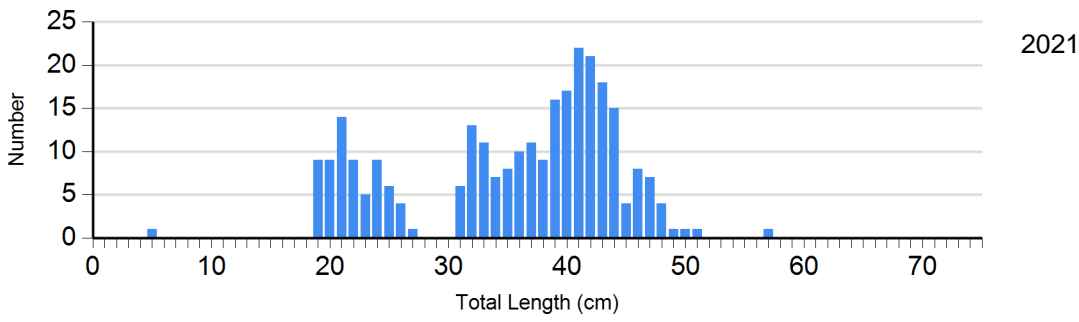
Species: Sauger
 Gear: AFS std gill net



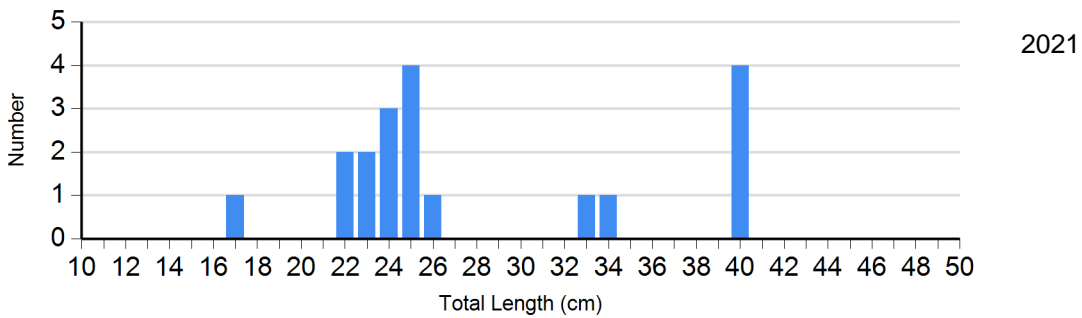
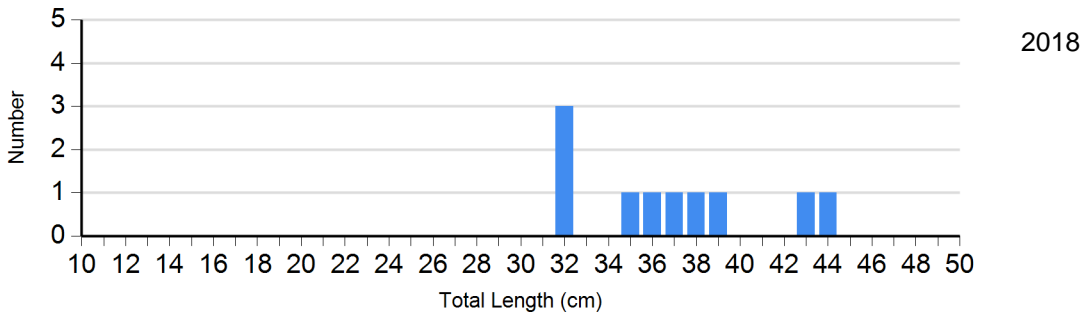
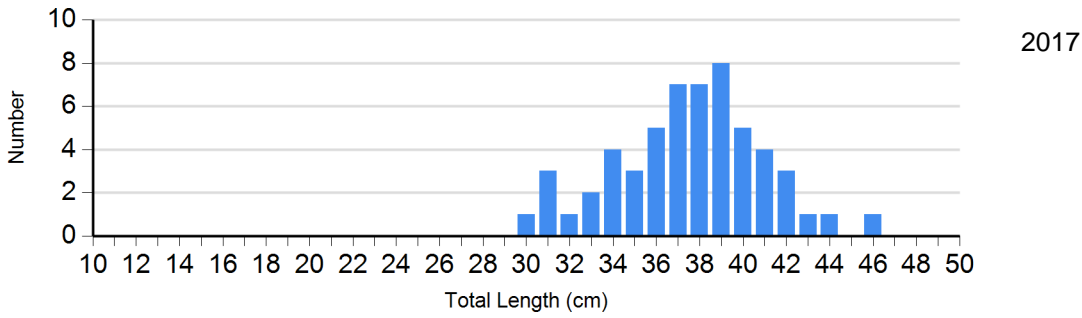


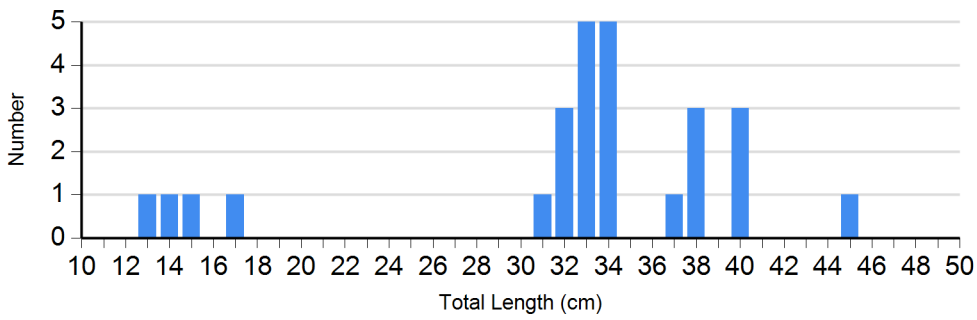
Species: Walleye
Gear: AFS std gill net





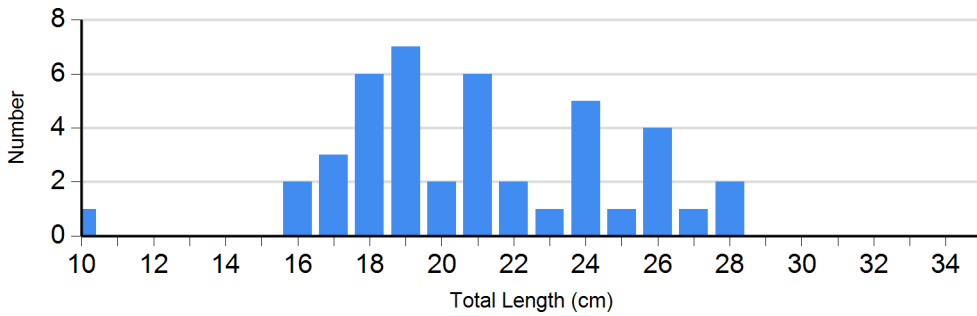
Species: White Bass
 Gear: AFS std gill net



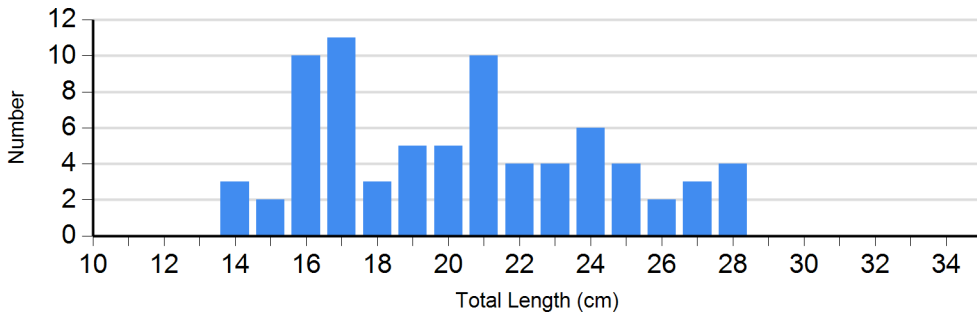


2022

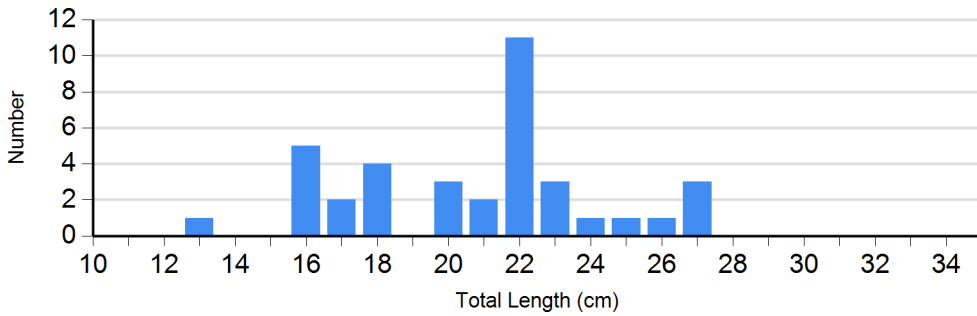
Species: Yellow Perch
Gear: AFS std gill net



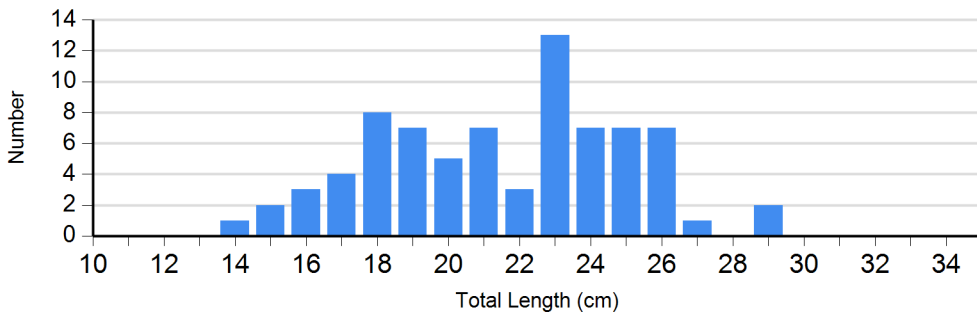
2017



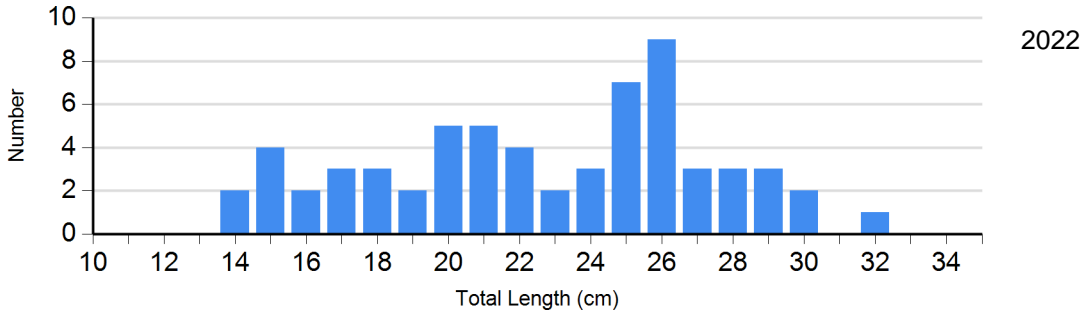
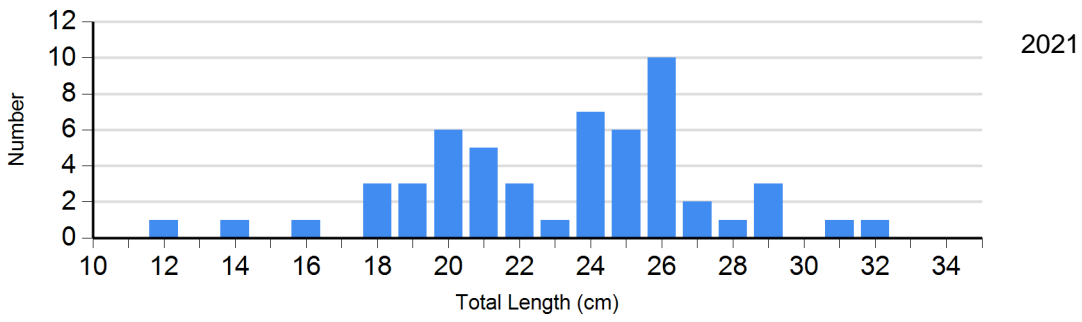
2018



2019



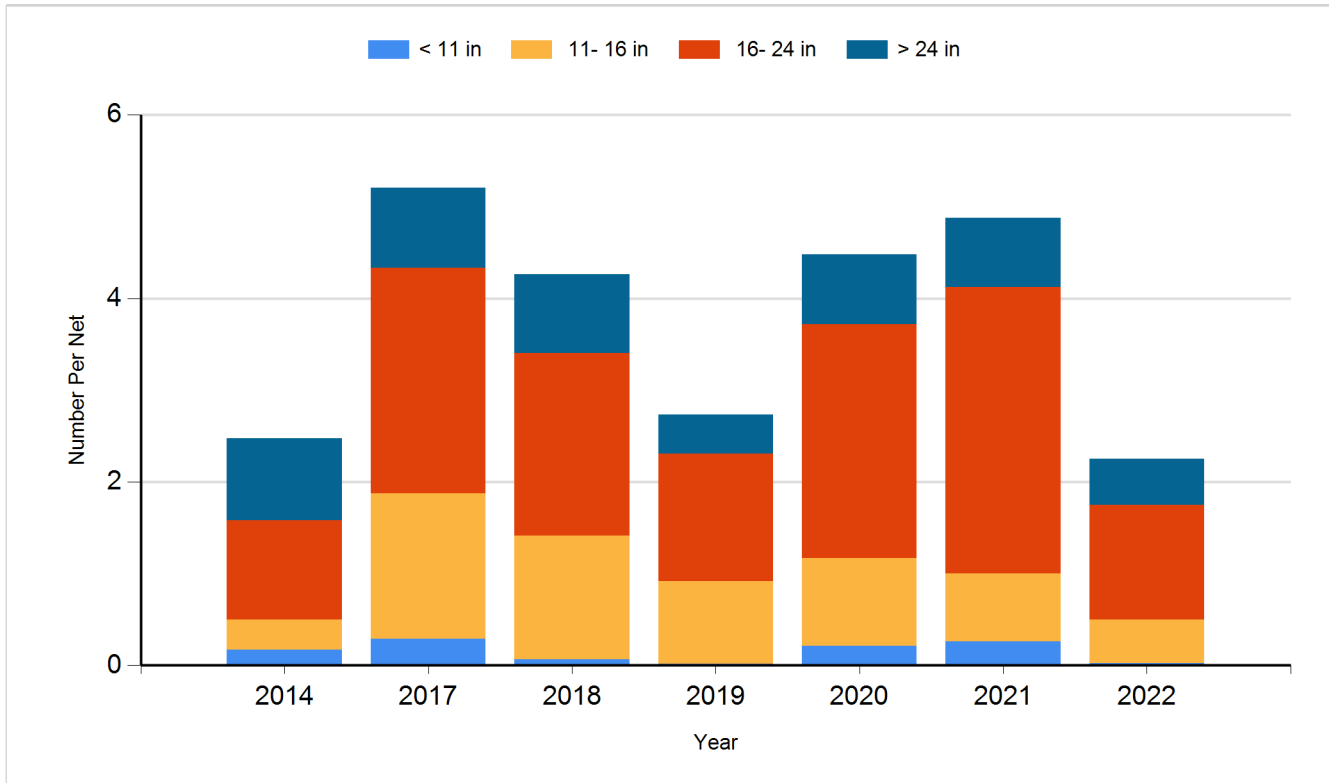
2020



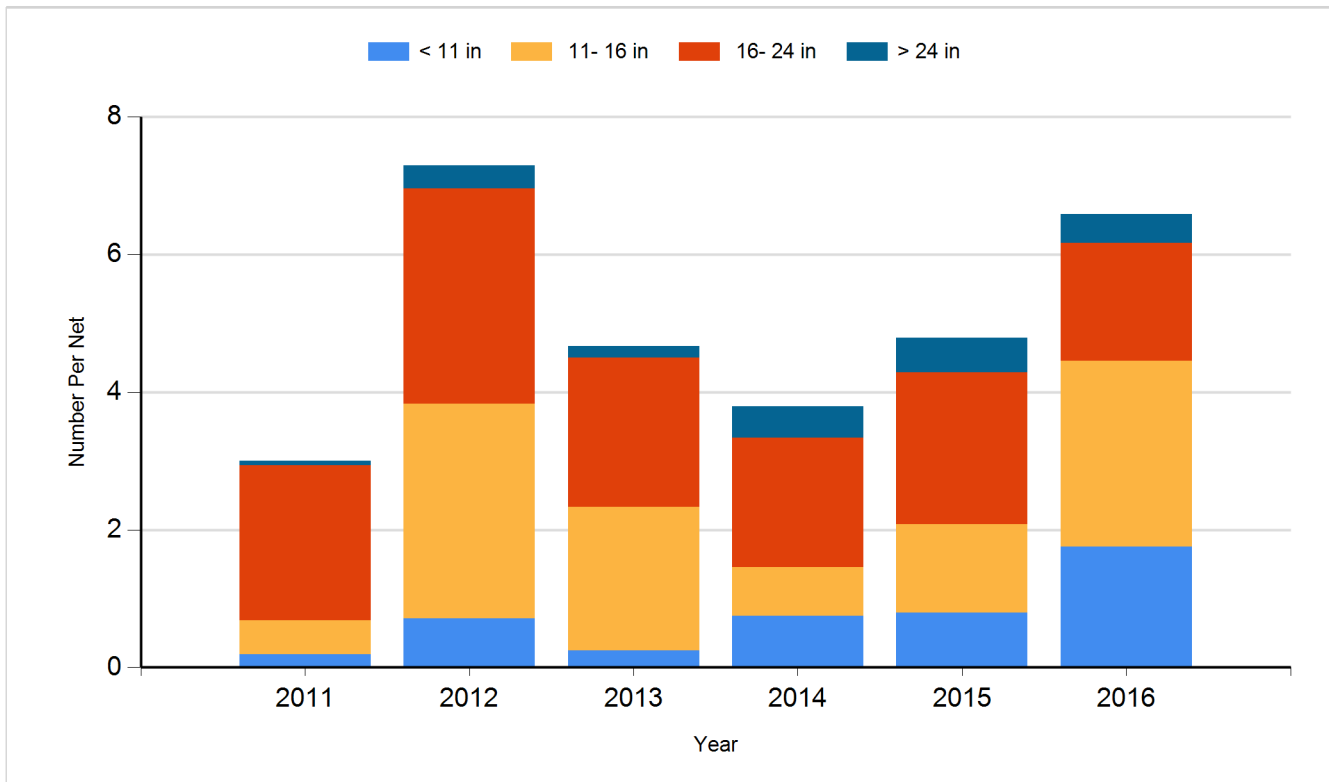
Historic Fish Sizes and Relative Abundance

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

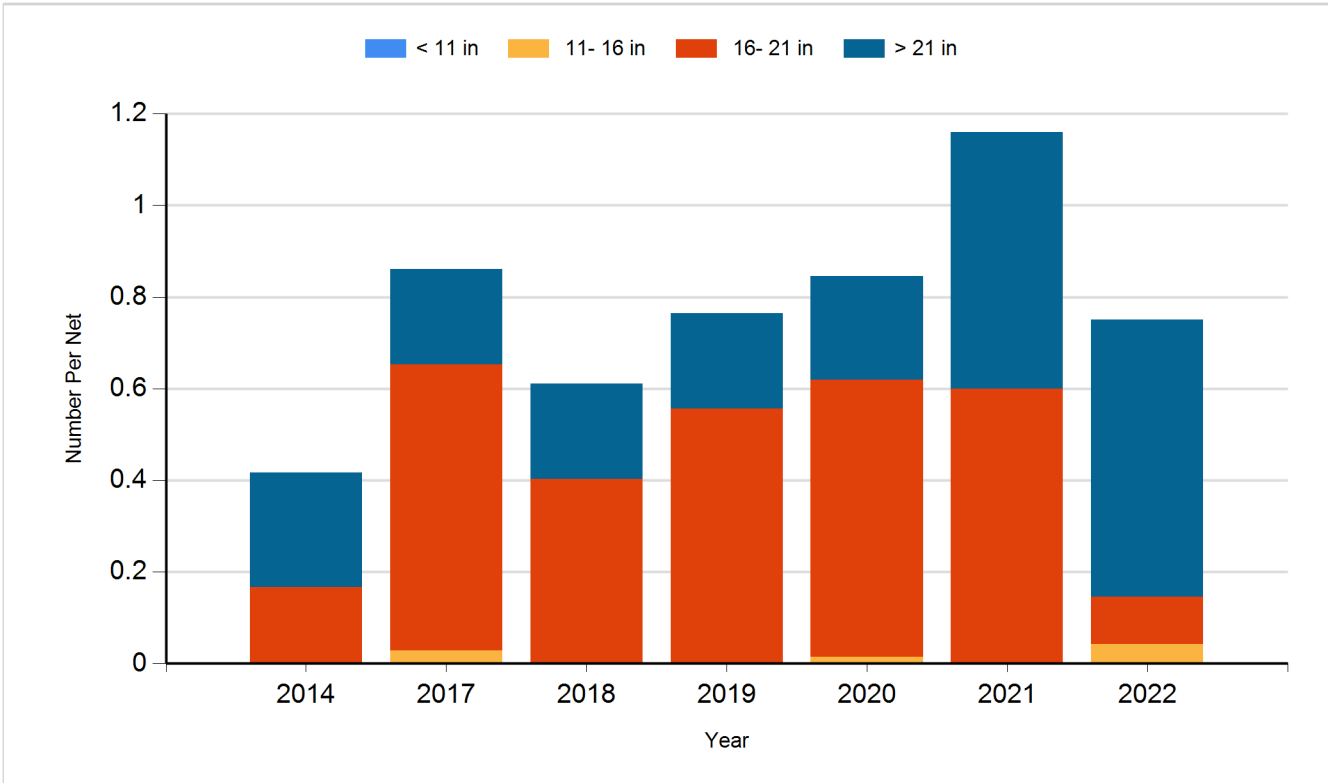
Species: Channel Catfish
Gear: AFS std gill net



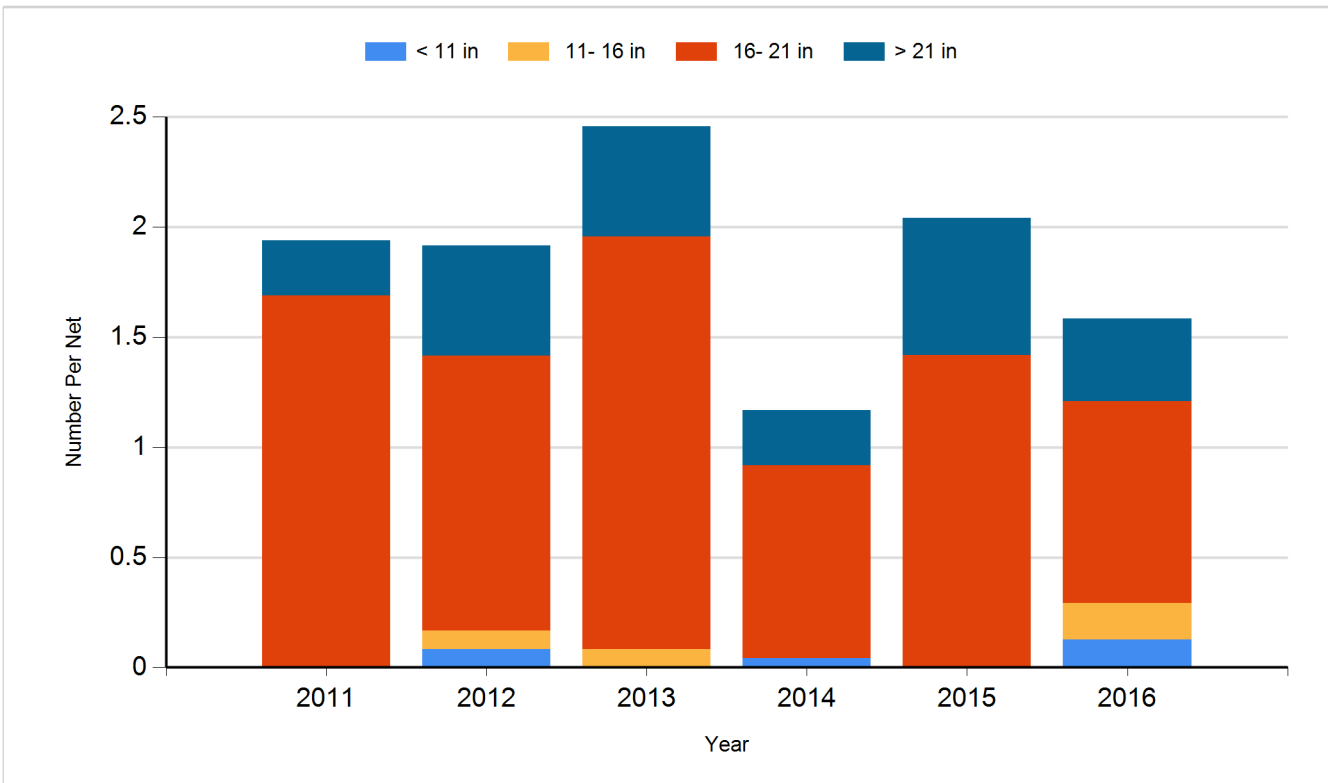
Species: Channel Catfish
Gear: std exp gill net



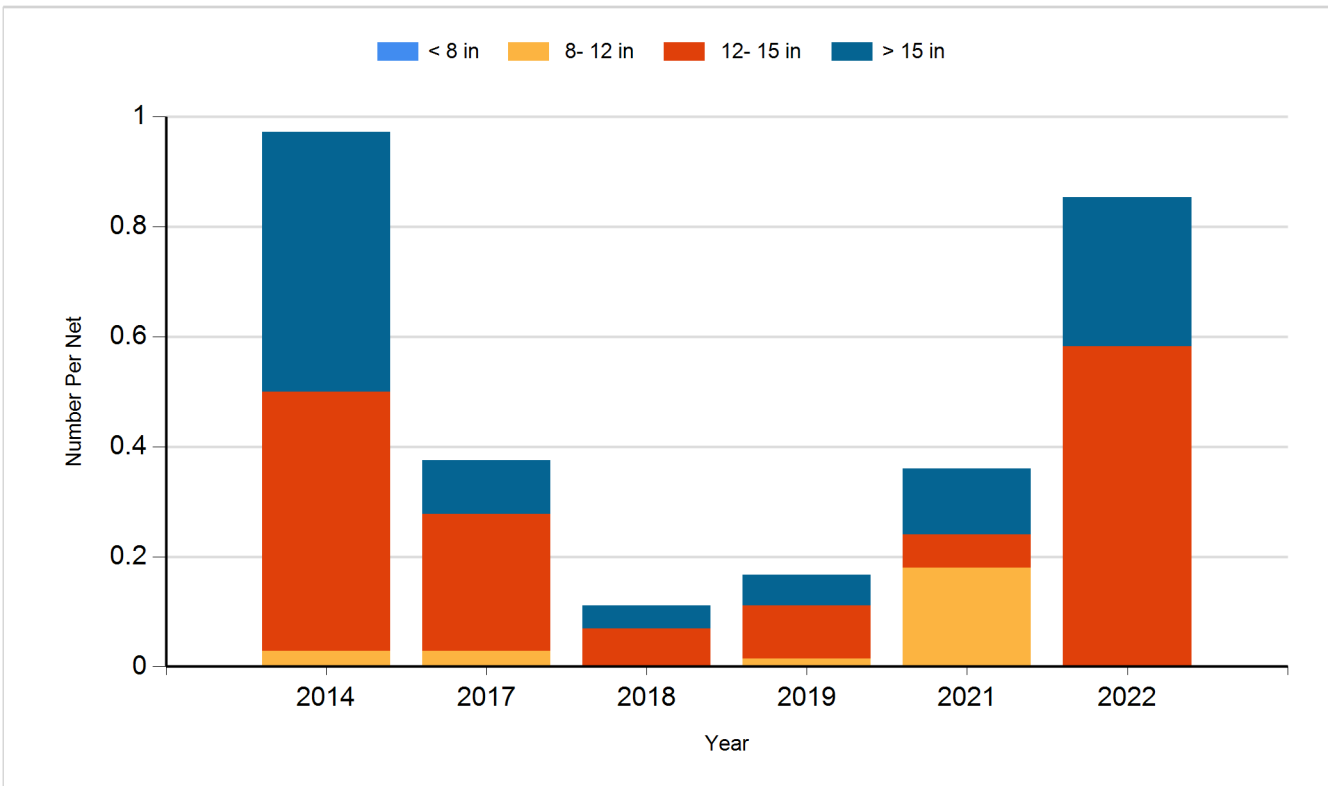
Species: Common Carp
Gear: AFS std gill net



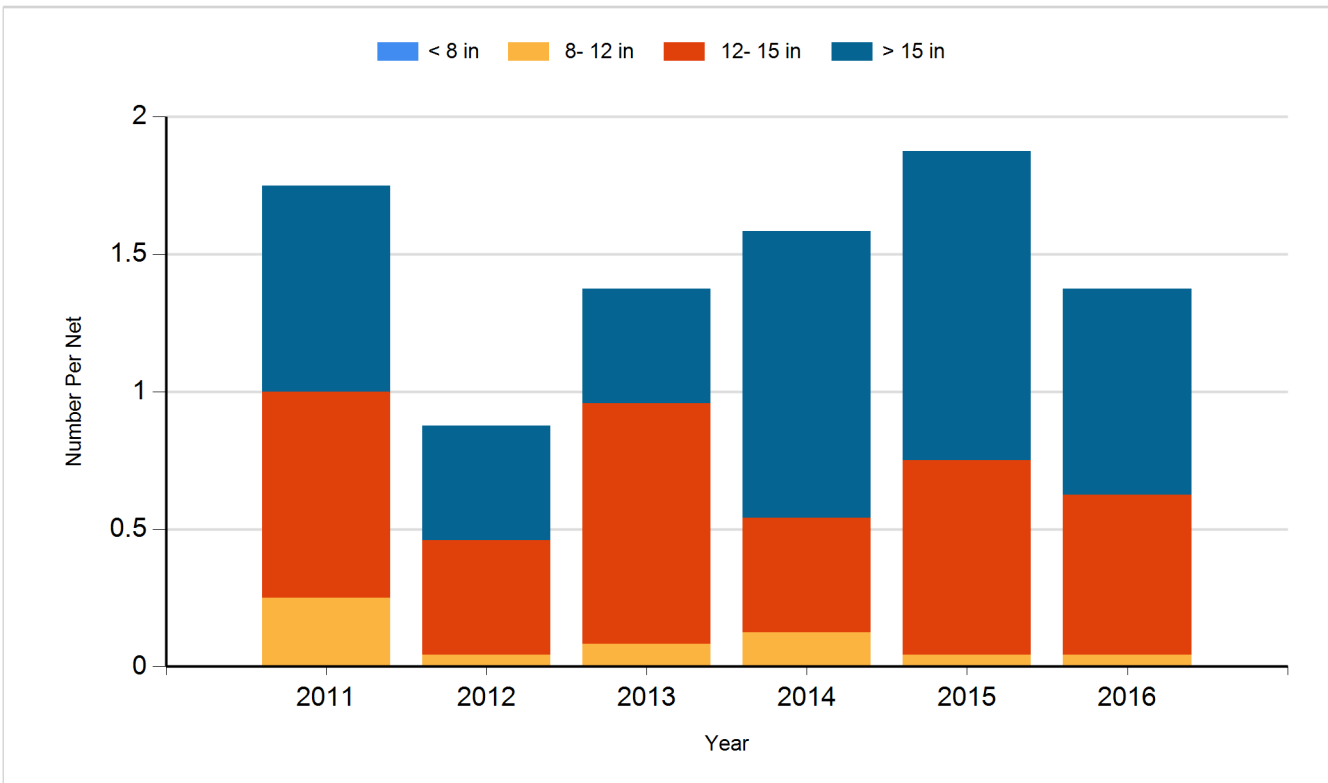
Species: Common Carp
Gear: std exp gill net



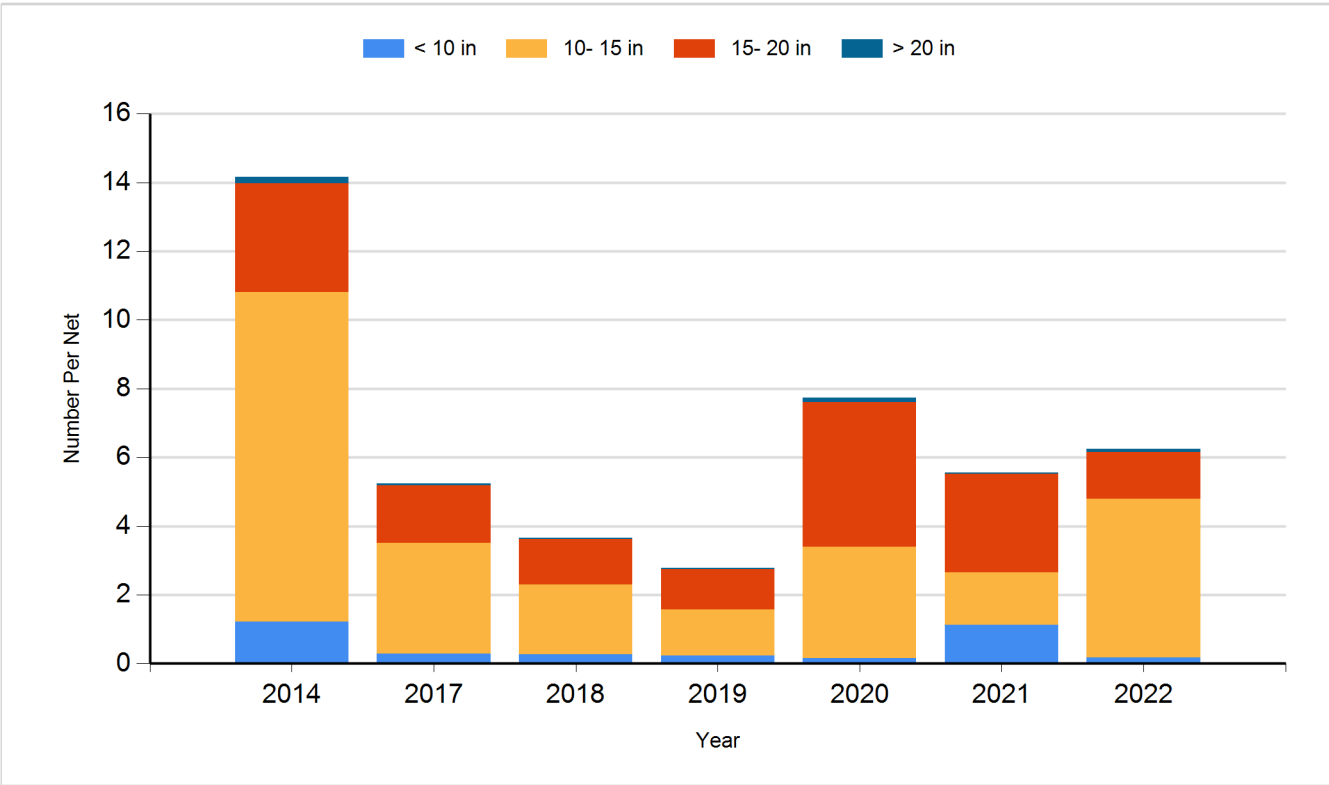
Species: Sauger
Gear: AFS std gill net



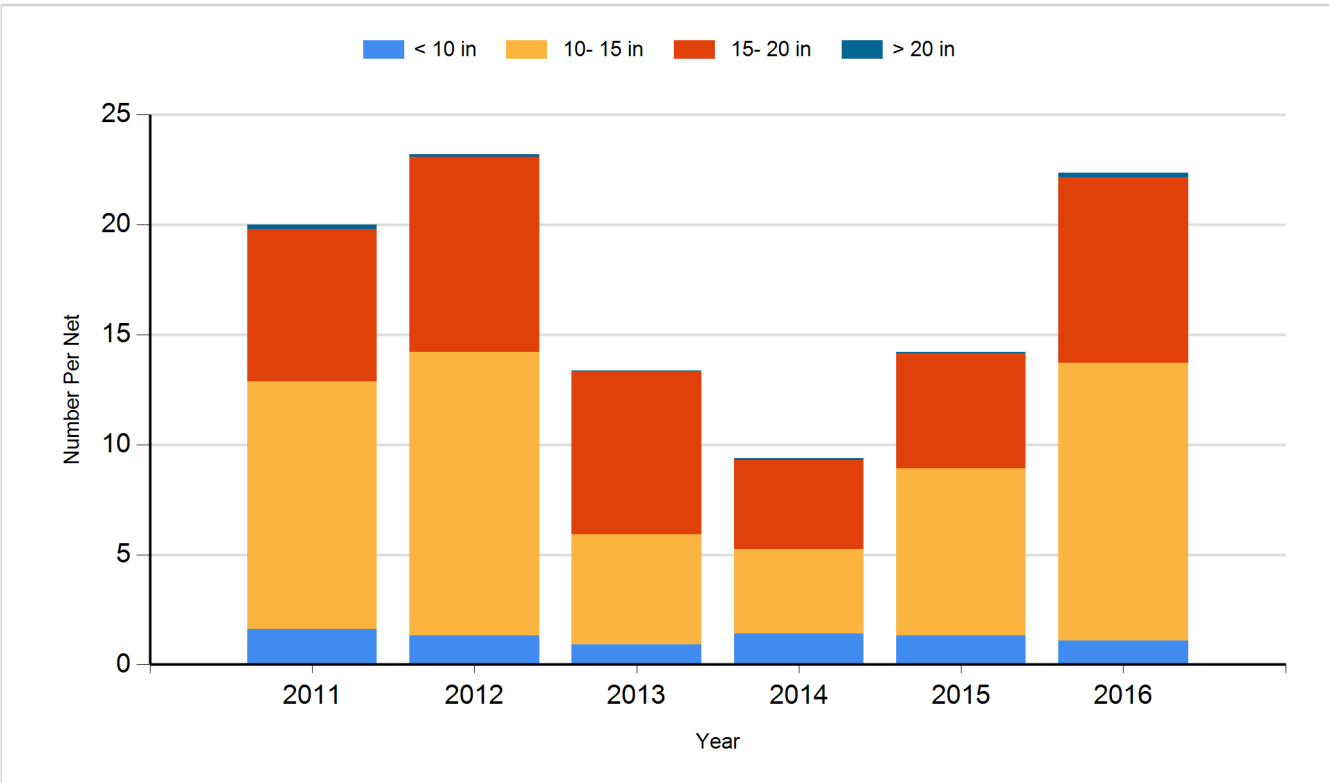
Species: Sauger
Gear: std exp gill net



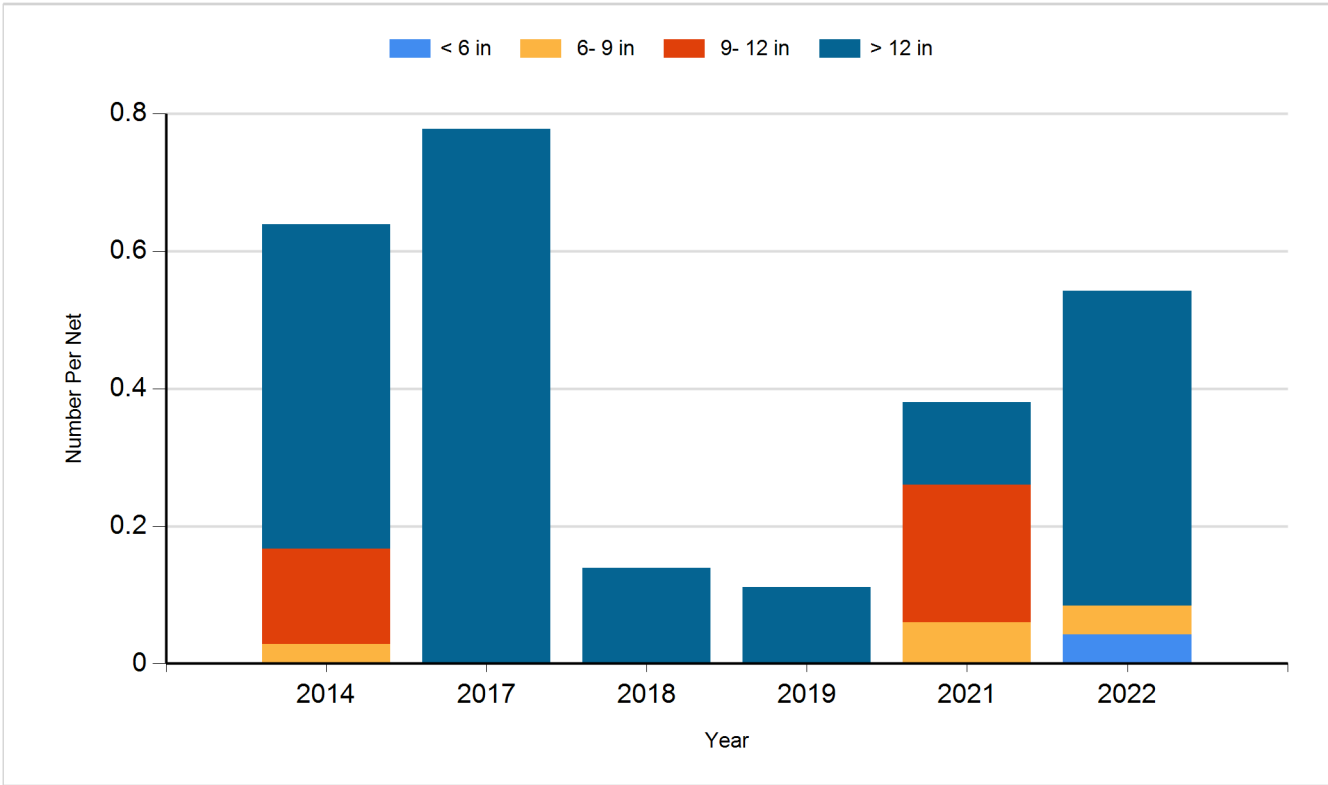
Species: Walleye
Gear: AFS std gill net



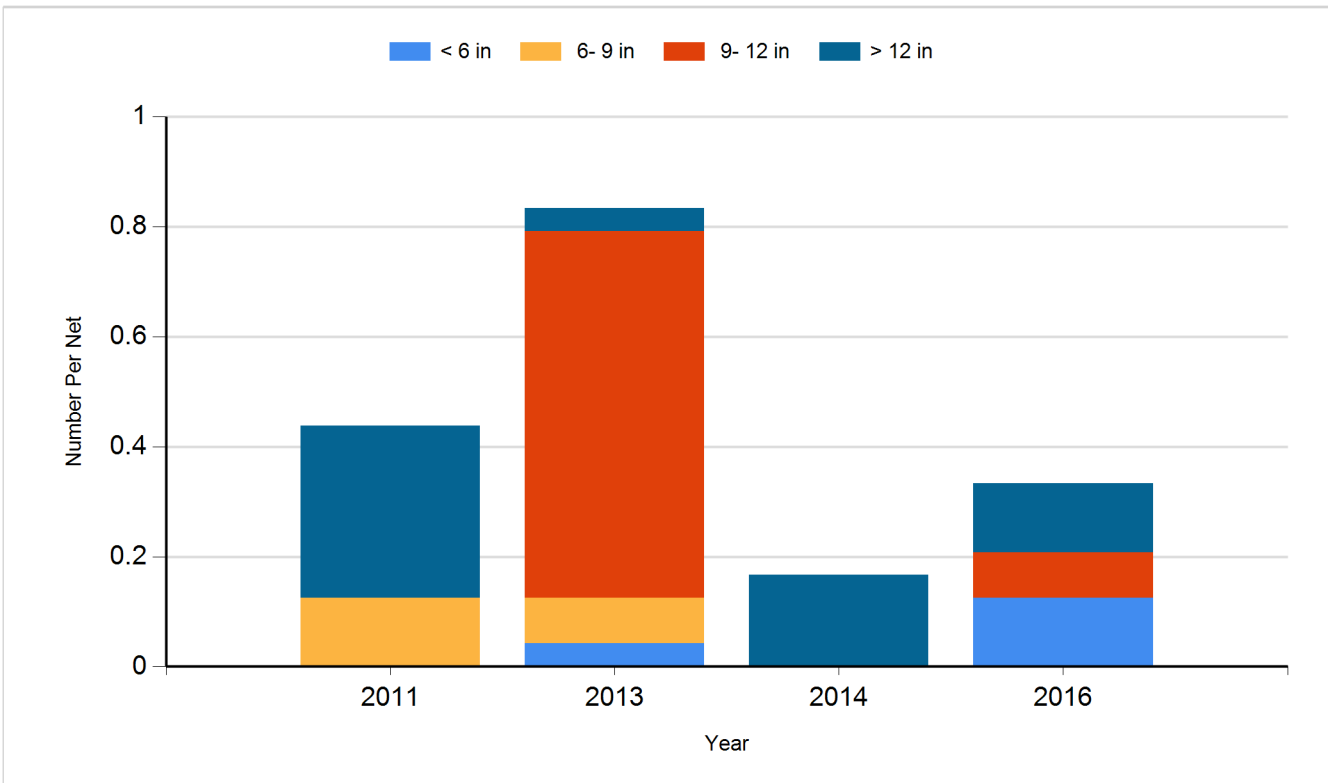
Species: Walleye
Gear: std exp gill net



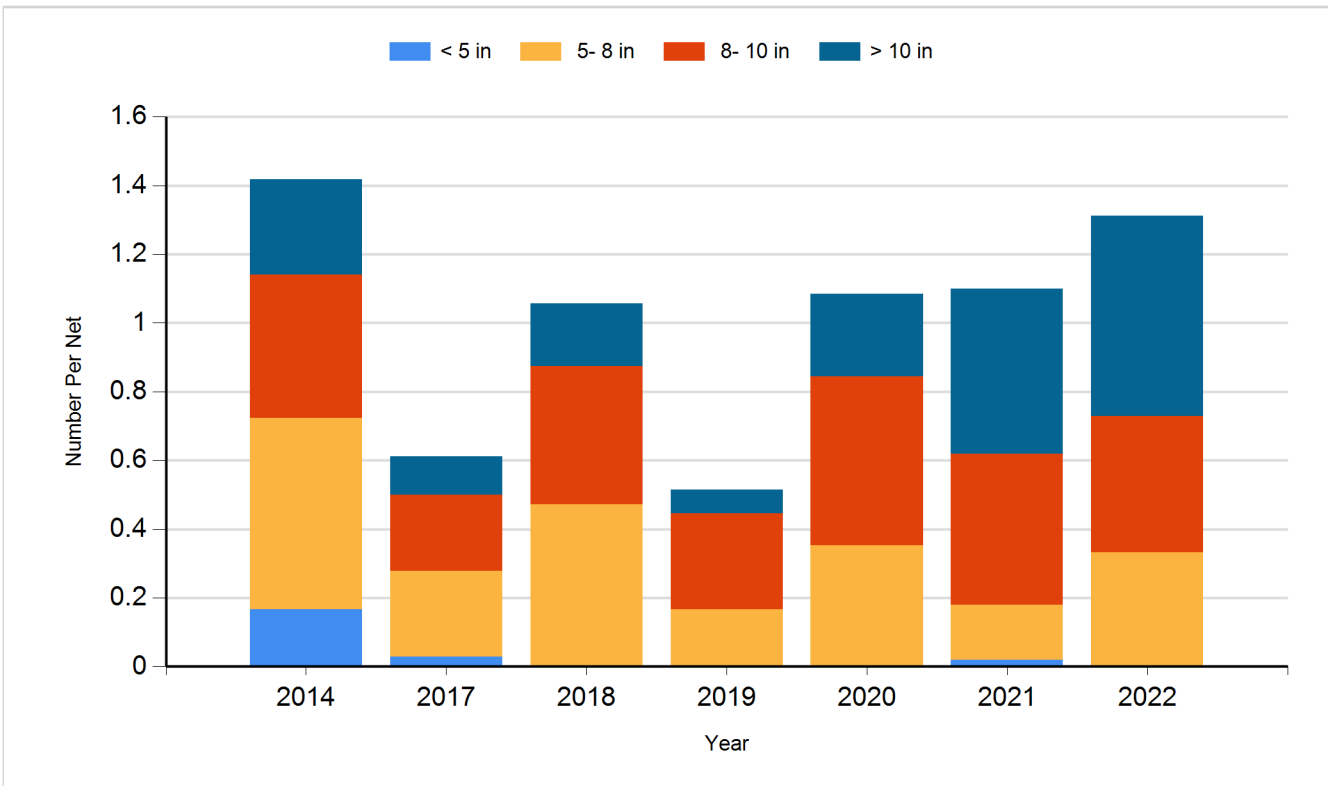
Species: White Bass
Gear: AFS std gill net



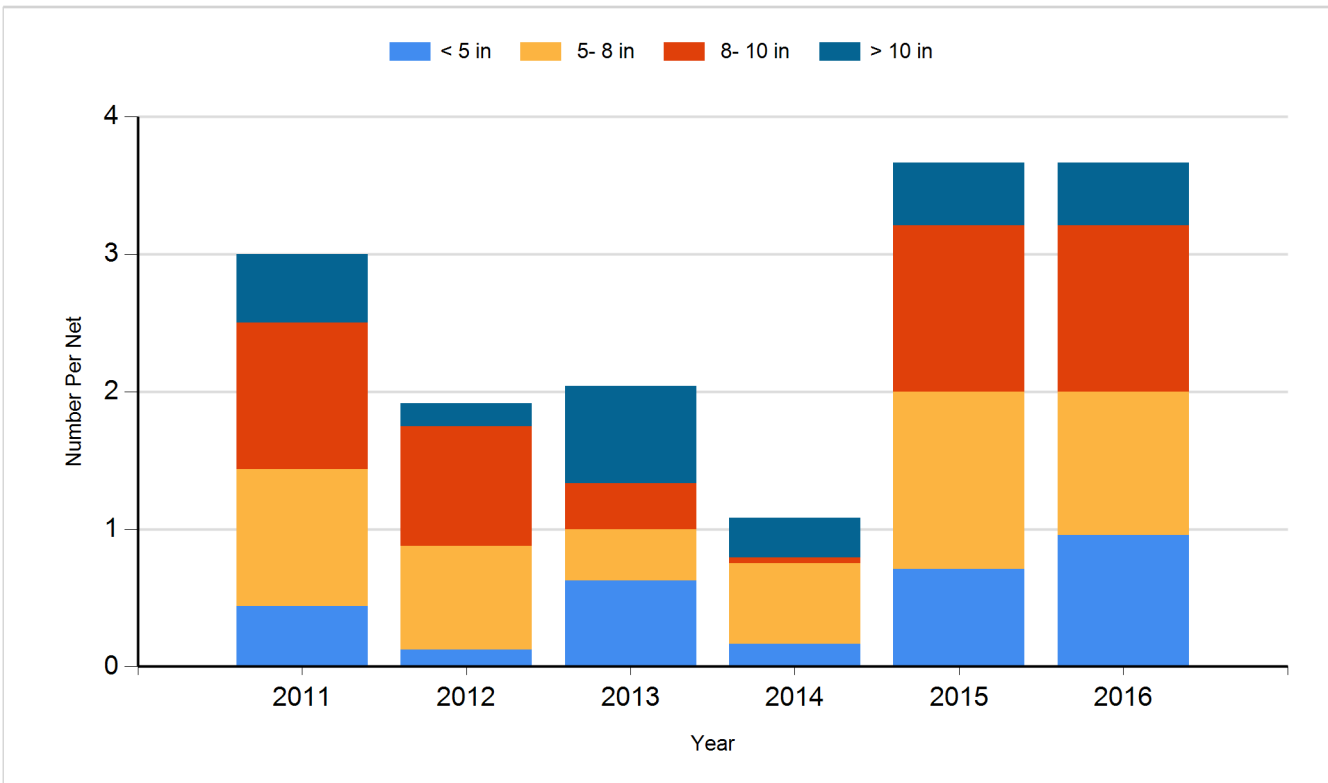
Species: White Bass
Gear: std exp gill net



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
2011	Rainbow Trout (Erwin x Arlee)	Catchable	3,750
2011	Rainbow Trout (McConaugRainbow Trout)	Catchable	16,250
2012	Rainbow Trout (McConaugRainbow Trout)	Catchable 11"	10,000
2012	Rainbow Trout (Shasta)	Catchable 11"	10,000
2013	Rainbow Trout (Erwin x Arlee)	Catchable 11"	2,980
2013	Rainbow Trout (Shasta)	Catchable 11"	20,000
2014	Rainbow Trout (Shasta)	Catchable 11"	9,600
2015	Paddlefish	Adult	13
2015	Paddlefish	Large Fingerling	5,619
2015	Paddlefish	Small Fingerling	7,500
2015	Rainbow Trout (Ennis)	Catchable 11"	451
2015	Rainbow Trout (Shasta)	Catchable 11"	9,855
2016	Paddlefish	Adult	10
2016	Paddlefish	Fry	50,372
2016	Rainbow Trout (Shasta)	Catchable 11"	7,496
2017	Paddlefish	Large Fingerling	10,000
2017	Rainbow Trout (Shasta)	Catchable	5,438
2017	Rainbow Trout (Shasta)	Catchable 15"	2,720
2018	Paddlefish	Large Fingerling	5,178
2018	Rainbow Trout (Shasta)	Catchable	1,200
2019	Paddlefish	Large Fingerling	10,066
2020	Paddlefish	Large Fingerling	18,210
2021	Paddlefish	Juvenile	12,954
2022	Paddlefish	Juvenile	33,880