

Management Considerations



Analysis



Plan - Species Goals

River Sections

The primary plan goal for the two river sections is to emphasize management for wild trout while recognizing the importance of walleye, burbot and kokanee (Hauser Tailrace only) for providing additional angling opportunity.

- Management decisions based on standardized CPUE surveys (e.g., electrofishing)

River Section Species Goals					
	Species				
	Rainbow trout	Brown trout	Walleye	Northern Pike	Kokanee
Toston Dam to Canyon Ferry Reservoir	1.0 per minute	0.40 per minute	Monitor	Suppress	Monitor
Hauser Dam to Holter Reservoir	3,500 per mile	150 per mile	Monitor	Suppress	Monitor

Reservoir Sections

The UMRRFMP emphasizes management for trout and walleye while recognizing the importance of yellow perch as a game fish and a forage species.

- Management decisions based on standardized Relative Abundance surveys (e.g., gillnetting)
- Introduce Proportional Stocking Density (PSD) to walleye management in reservoirs throughout the plan area. PSD goal for all reservoirs is 30-60

Reservoir Section Species Goal Ranges (number per net)					
	Species				
	Rainbow trout	Yellow perch	Walleye	Brown trout	Burbot
Canyon Ferry Reservoir	4 to 6	6 to 10	5 to 7	0.5 to 1.5	0.25 to 0.5
Hauser Reservoir	3 to 5	6 to 8	4 to 6	0.5 to 1.5	0.5 to 1.5
Holter Reservoir	4 to 6	8 to 12	4 to 6	NA	0.25 to 0.5

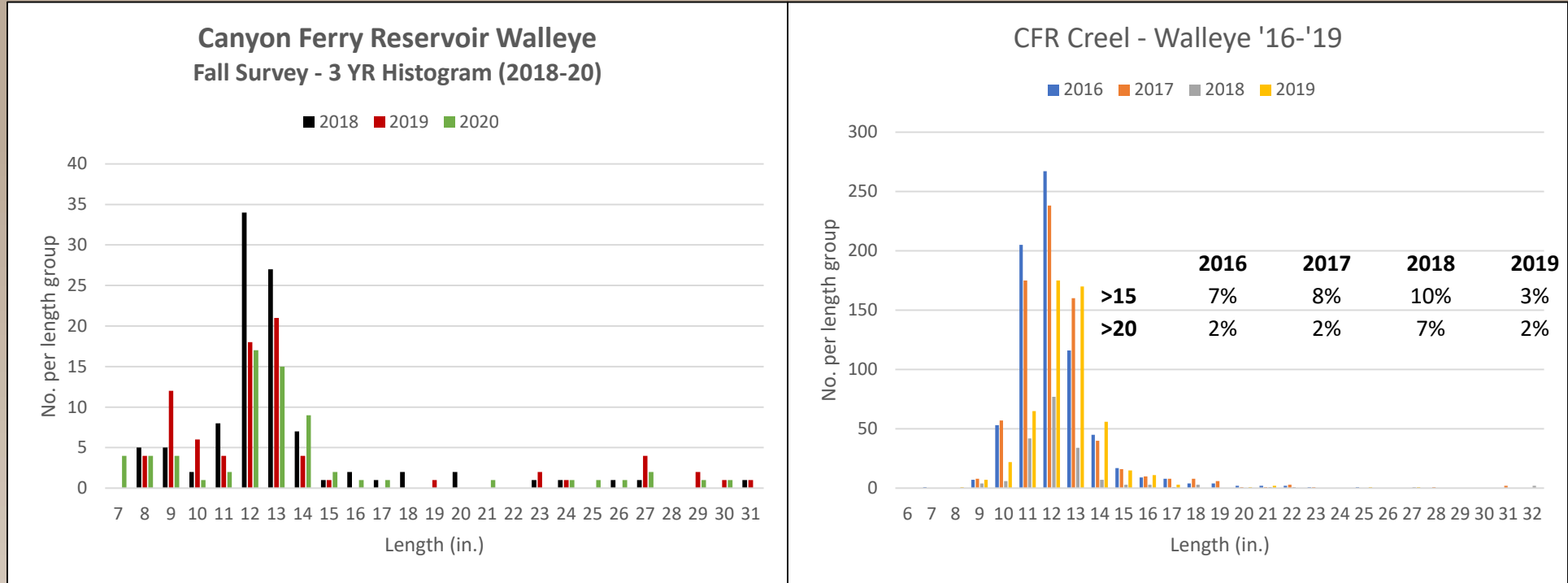


Regulation History

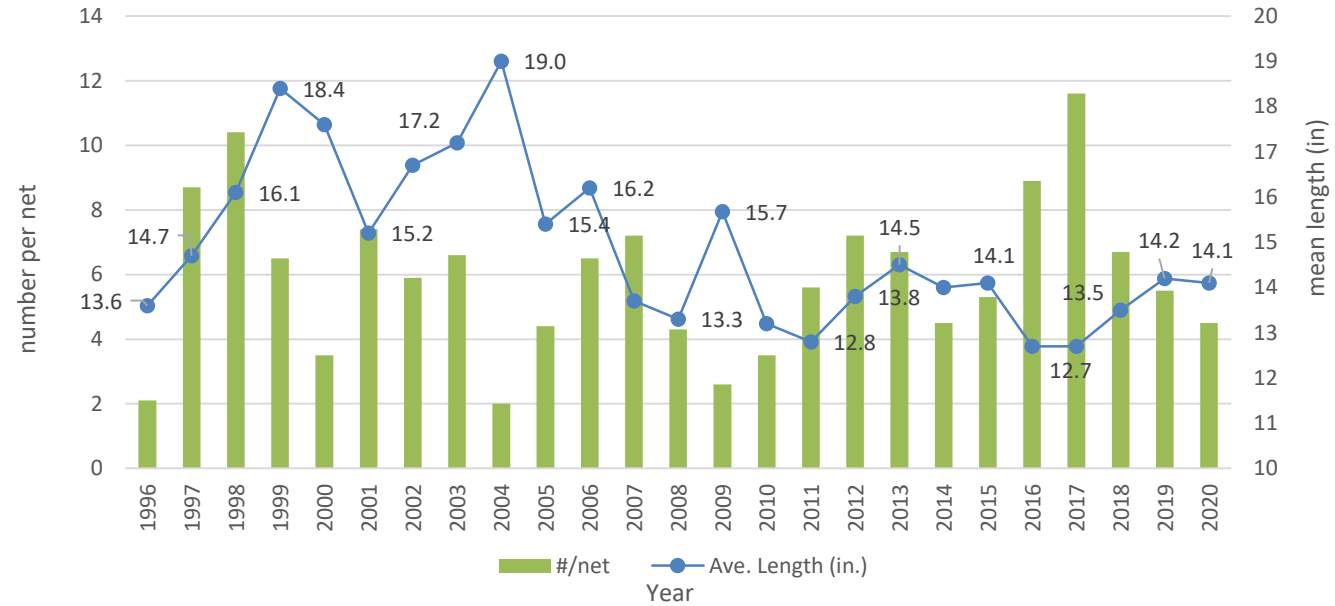
	Canyon Ferry		Hauser	
	#/net	Reg*	#/net	Reg*
2010	3.5	20 daily, 1 over 28"	4.9	10 daily, 1 over 28"
2011	5.6	10 daily, only 4 over 16", 1 over 28"	5.3	20 daily, 1 over 28"
2012	7.2		5.4	
2013	6.7		7.7	
2014	6.7	12 daily, 1 over 25"	7.4	20 daily, 1 over 25"
2015	5.3		10	
2016	8.9		4.9	
2017	11.6		5.9	
2018	6.7	20 daily, 1 over 20"	10.1	
2019	5.5		11.1	
2020	4.5		5.1	
*Possession is twice the daily limit				



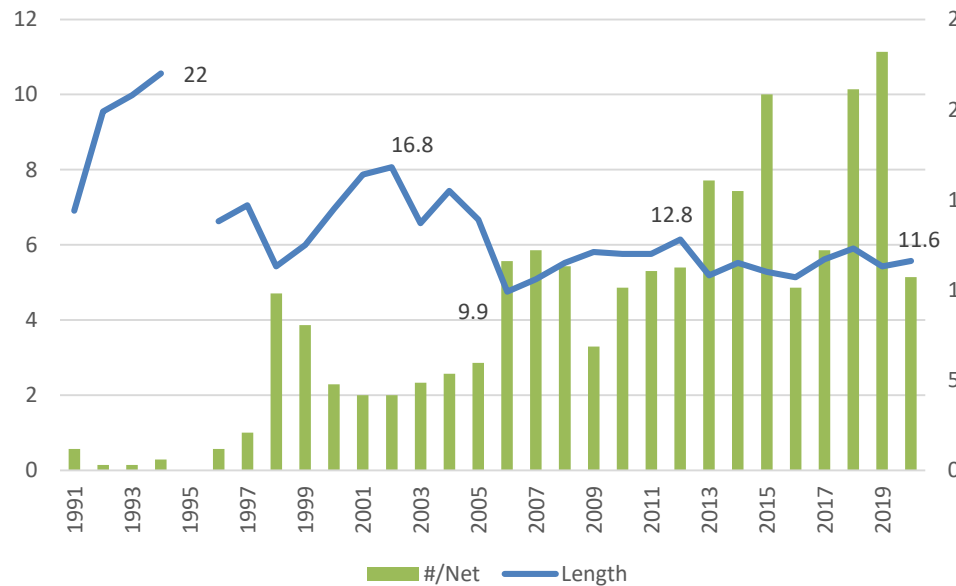
Walleye Length Frequency's



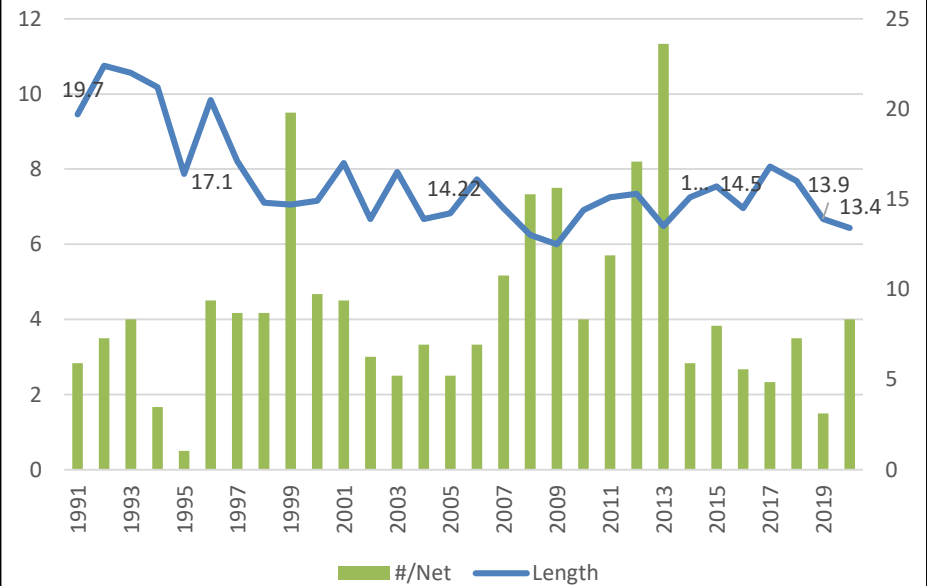
Canyon Ferry Walleye - Abundance & Average Length



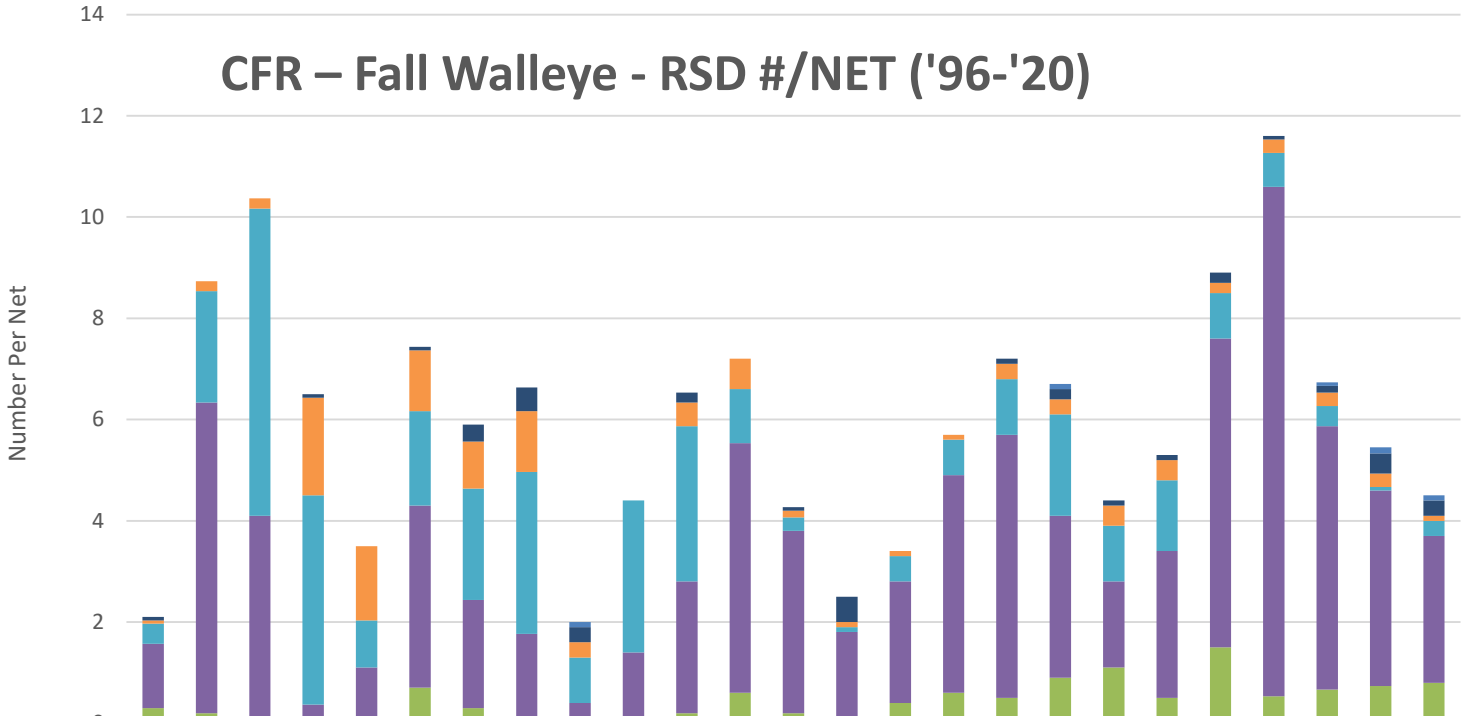
Hauser Walleye - Abundance and Average Length



Holter Walleye - Abundance and Average Length



CFR – Fall Walleye - RSD #/NET ('96-'20)

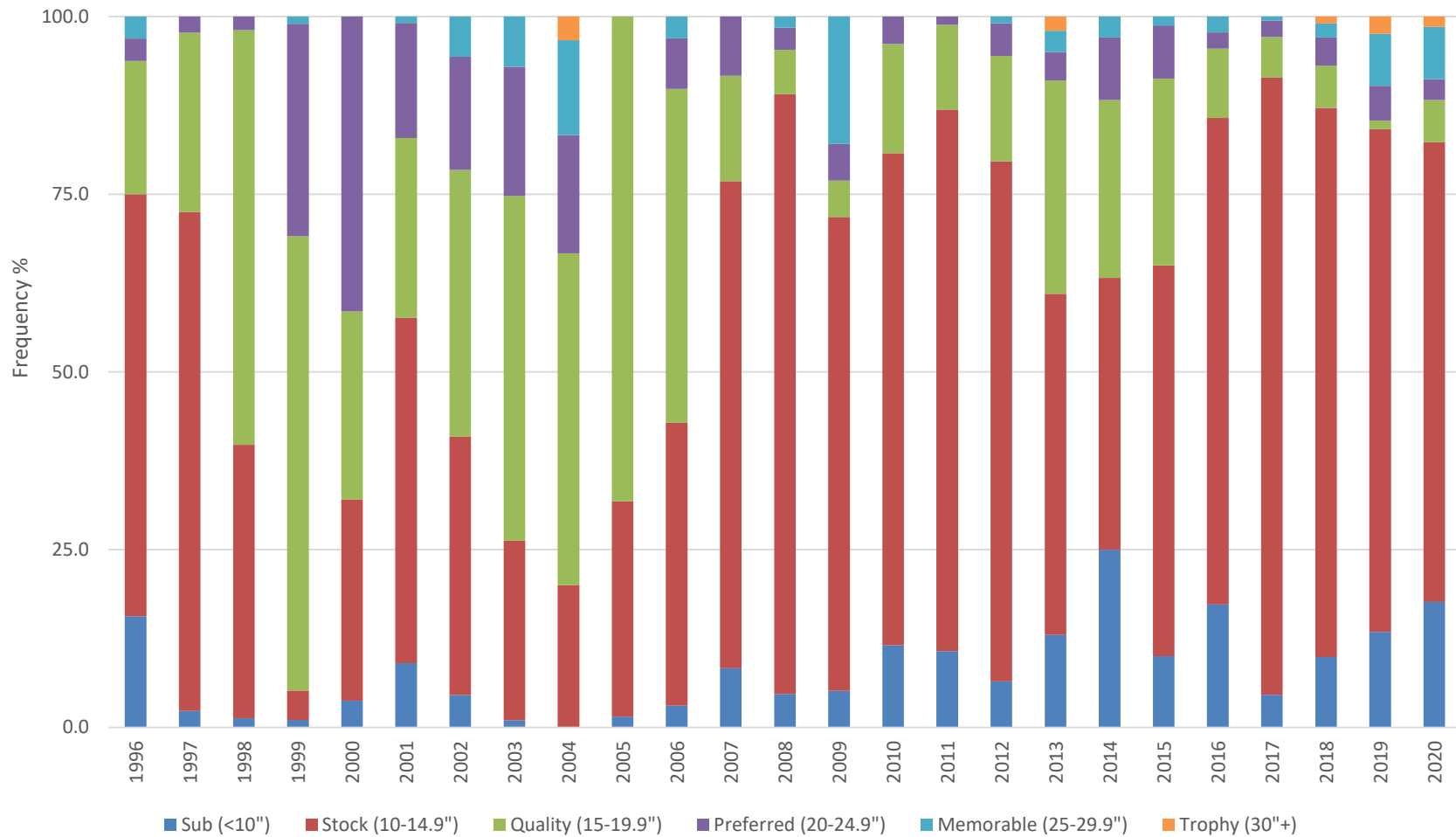


	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
■ Trophy >30"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0	0	0	0	0.1	0	0	0	0.0	0.1	0.1	0.1
■ Memorable 25-30"	0.1	0.0	0.0	0.1	0.0	0.1	0.3	0.5	0.3	0.0	0.2	0.0	0.1	0.5	0	0	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.4	0.3
■ Preferred 20-25"	0.1	0.2	0.2	1.9	1.5	1.2	0.9	1.2	0.3	0.0	0.5	0.6	0.1	0.1	0.1	0.1	0.3	0.3	0.4	0.4	0.2	0.3	0.3	0.3	0.1
■ Quality 15-20"	0.4	2.2	6.1	4.1	0.9	1.9	2.2	3.2	0.9	3.0	3.1	1.1	0.3	0.1	0.5	0.7	1.1	2	1.1	1.4	0.9	0.7	0.4	0.1	0.3
■ Stock 10-15"	1.3	6.1	4.0	0.3	1.0	3.6	2.1	1.7	0.4	1.3	2.6	4.9	3.6	1.7	2.4	4.3	5.2	3.2	1.7	2.9	6.1	10.1	5.2	3.9	2.9
■ Sub <10"	0.3	0.2	0.1	0.1	0.1	0.7	0.3	0.1	0	0.1	0.2	0.6	0.2	0.1	0.4	0.6	0.5	0.9	1.1	0.5	1.5	0.5	0.7	0.7	0.8

Year

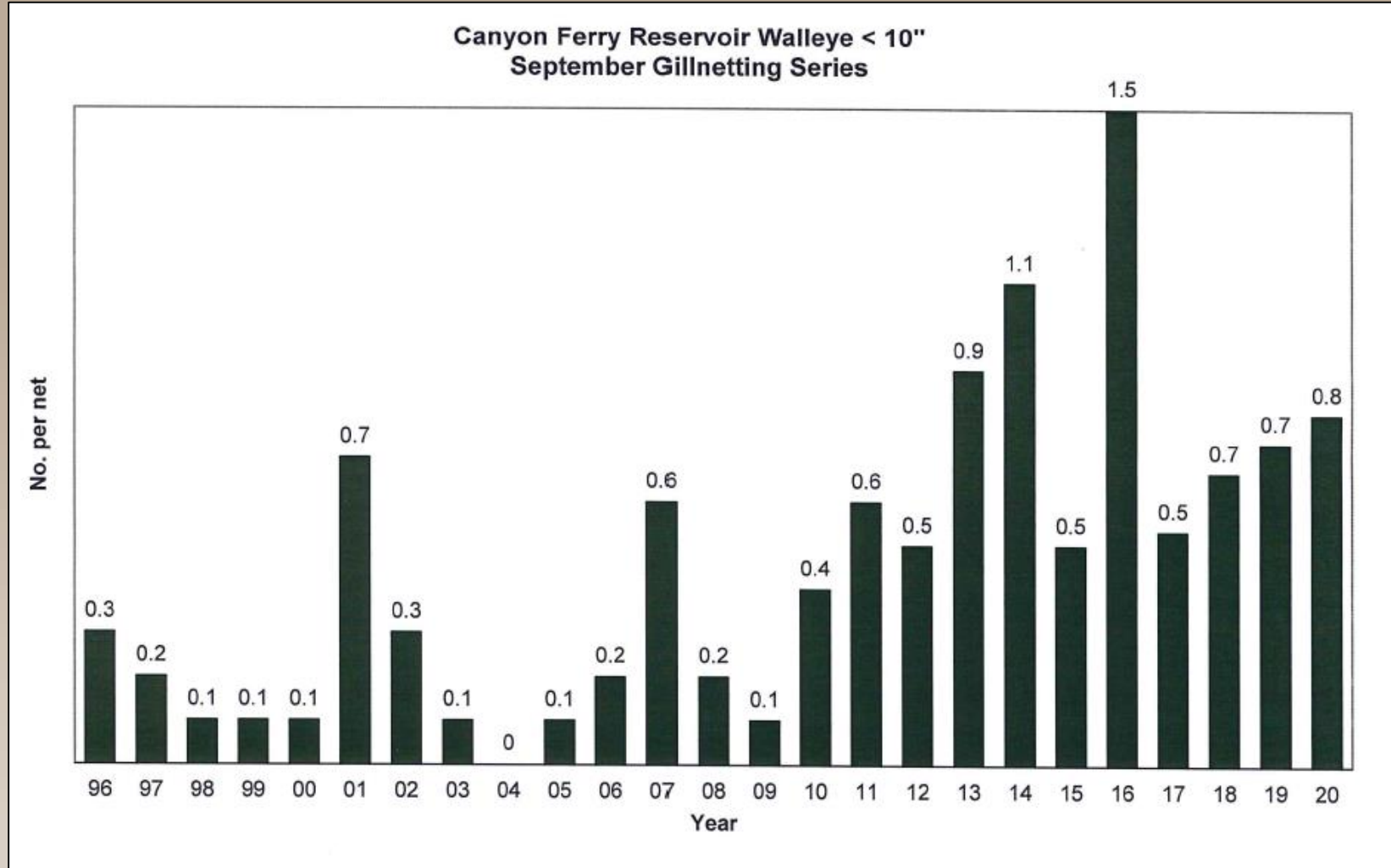


Canyon Ferry Reservoir Walleye RSD Frequency - Fall Survey

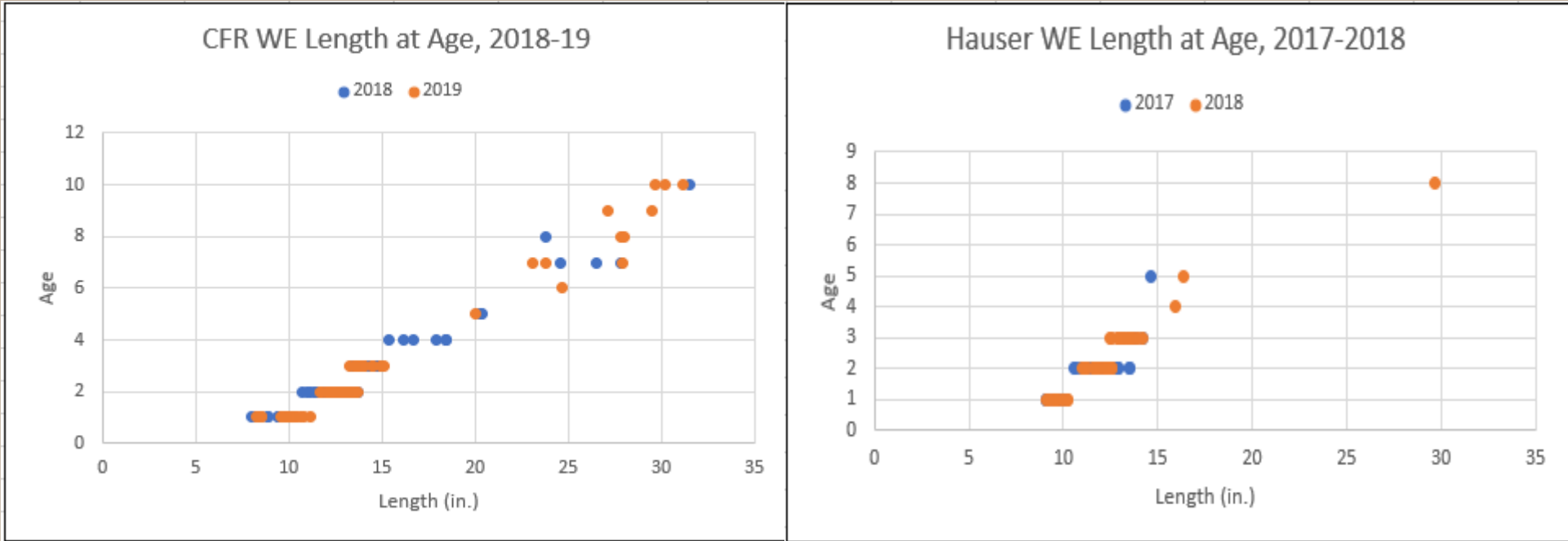


CFR – RSD Sub-stock

Fall Netting Survey



Walleye - Length at Age



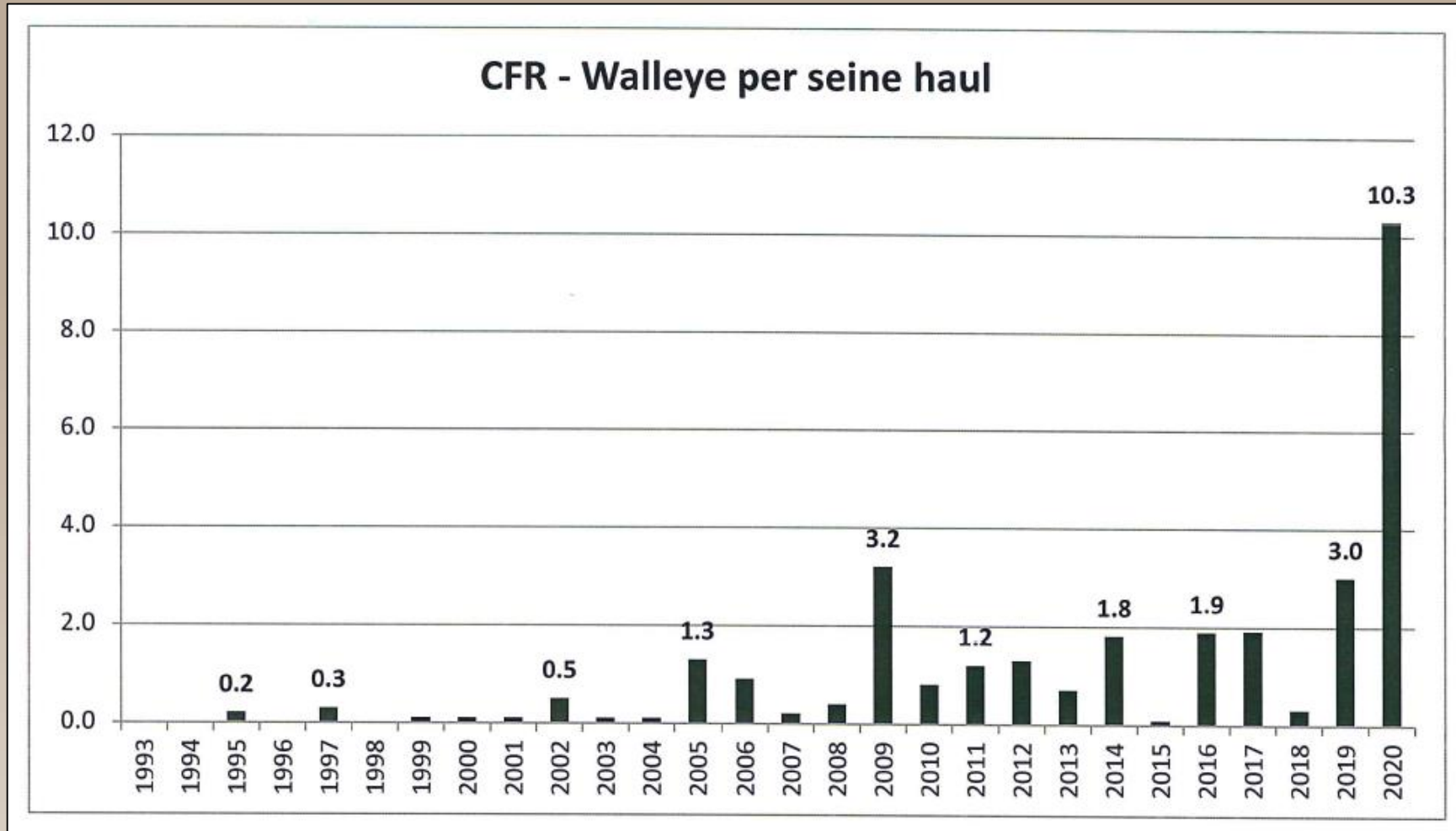
CFR Summer Creel – Catch Rates

Target Specific

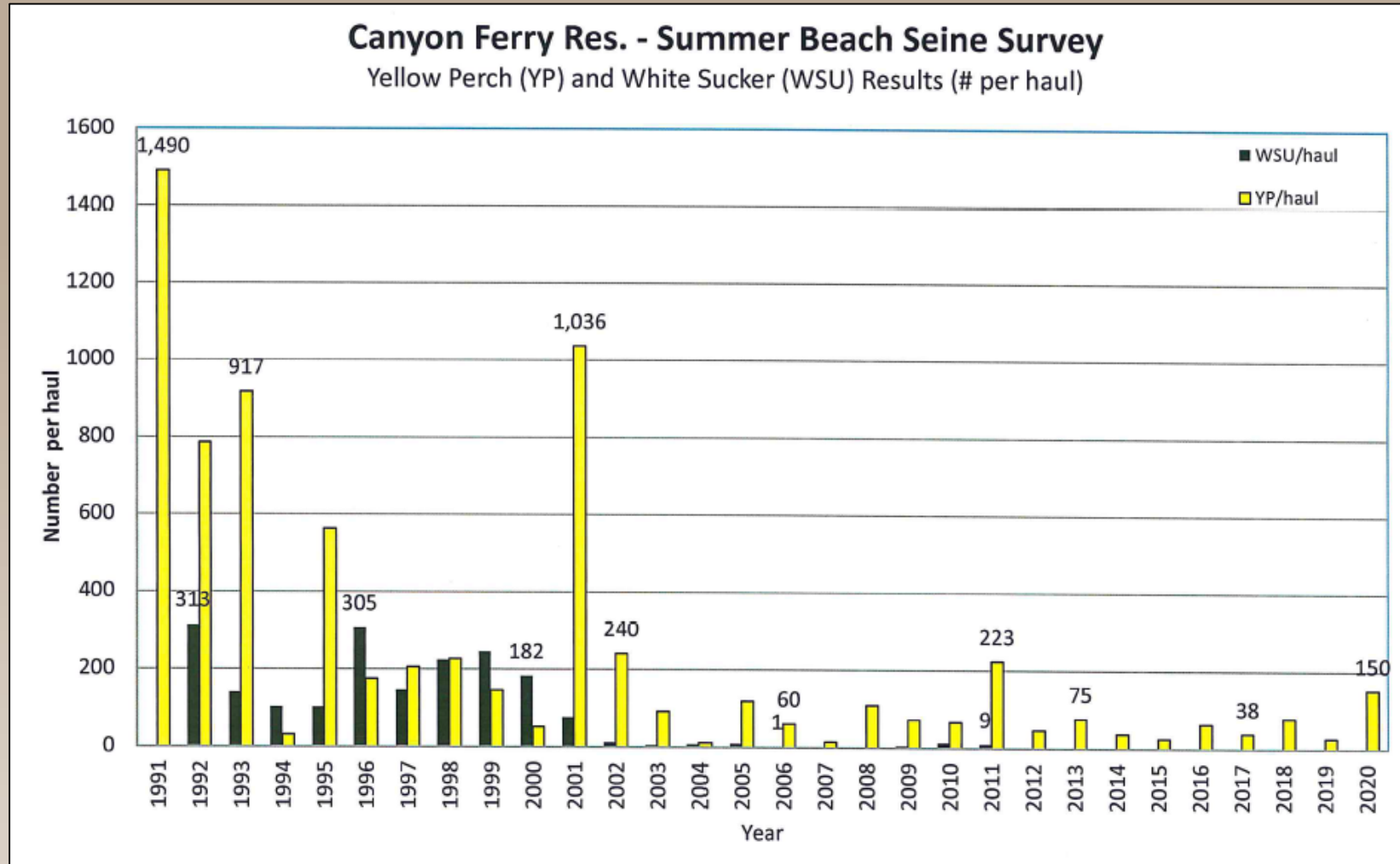
Summer Creel									
Year	<i>Rainbow</i>			<i>Yellow Perch</i>			<i>Walleye</i>		
	<i>No. Ang.</i>	Total Fish	Fish/hr	<i>No. Ang.</i>	Total Fish	Fish/hr	<i>No. Ang.</i>	Total Fish	Fish/hr
2011	1058	957	0.42	4	0	0	626	985	0.49
2012	426	369	0.34	2	15	2.5	600	901	0.35
2013	1775	531	0.27	2	0	0	1003	1046	0.21
2014	556	558	0.39	3	0	0	732	1731	0.5
2015	462	782	0.65	3	0	0	544	1207	0.47
2016	283	620	0.78	0	0	0	721	2158	0.62
2017	420	660	0.58	3	2	0.48	780	2525	0.65
2018	62	70	0.32	1	0	0	325	499	0.34
2019	261	200	0.28	4	4	0.26	640	1435	0.50
2020	578	1098	0.71	0	0	0	622	1395	0.48
Mean	588	585	0.47	2	2	0.32	659	1388	0.46



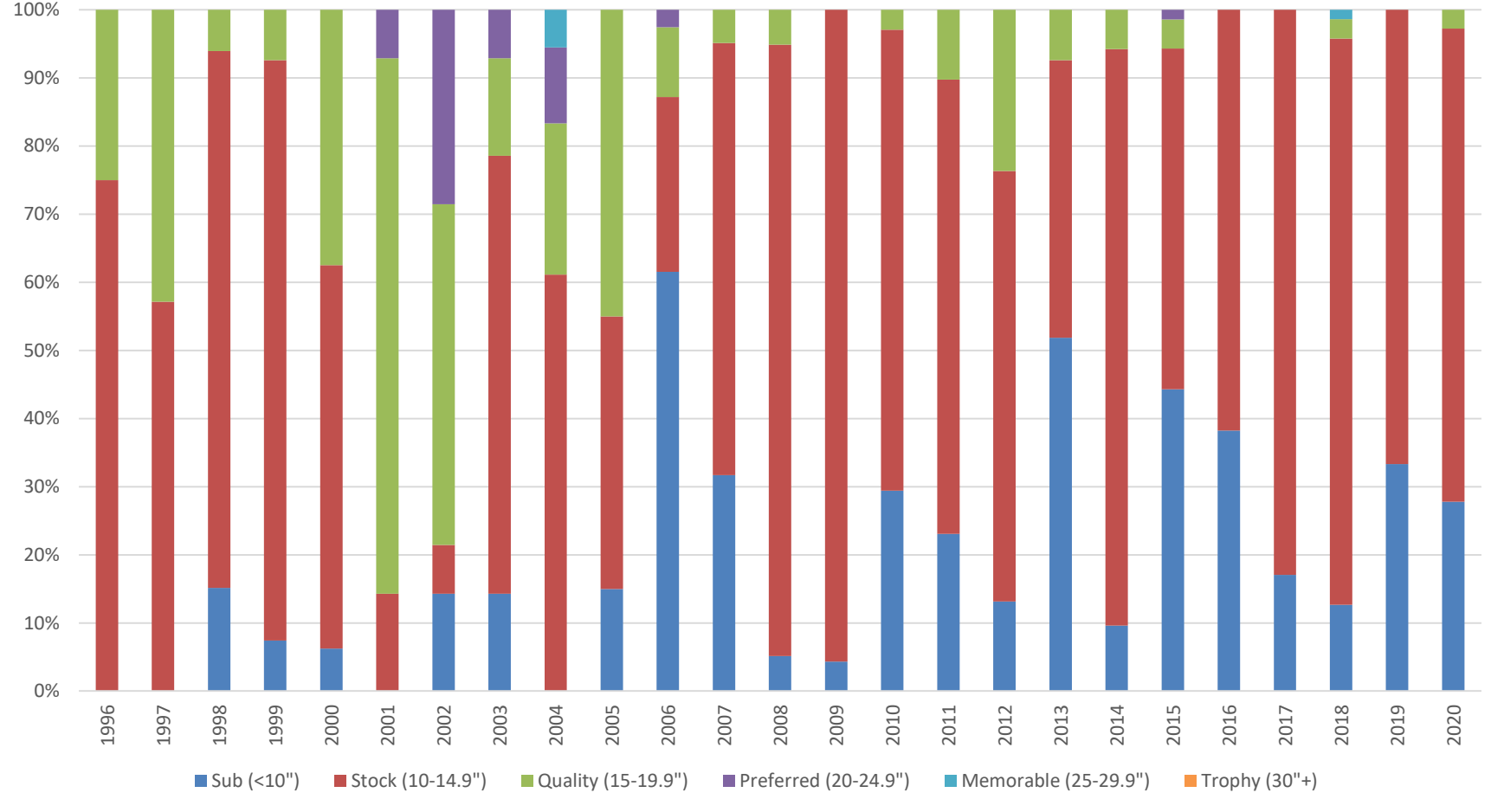
CFR – Beach Seine Survey



CFR - Beach Seine Survey



Hauser Reservoir Walleye RSD Frequency - Fall Survey



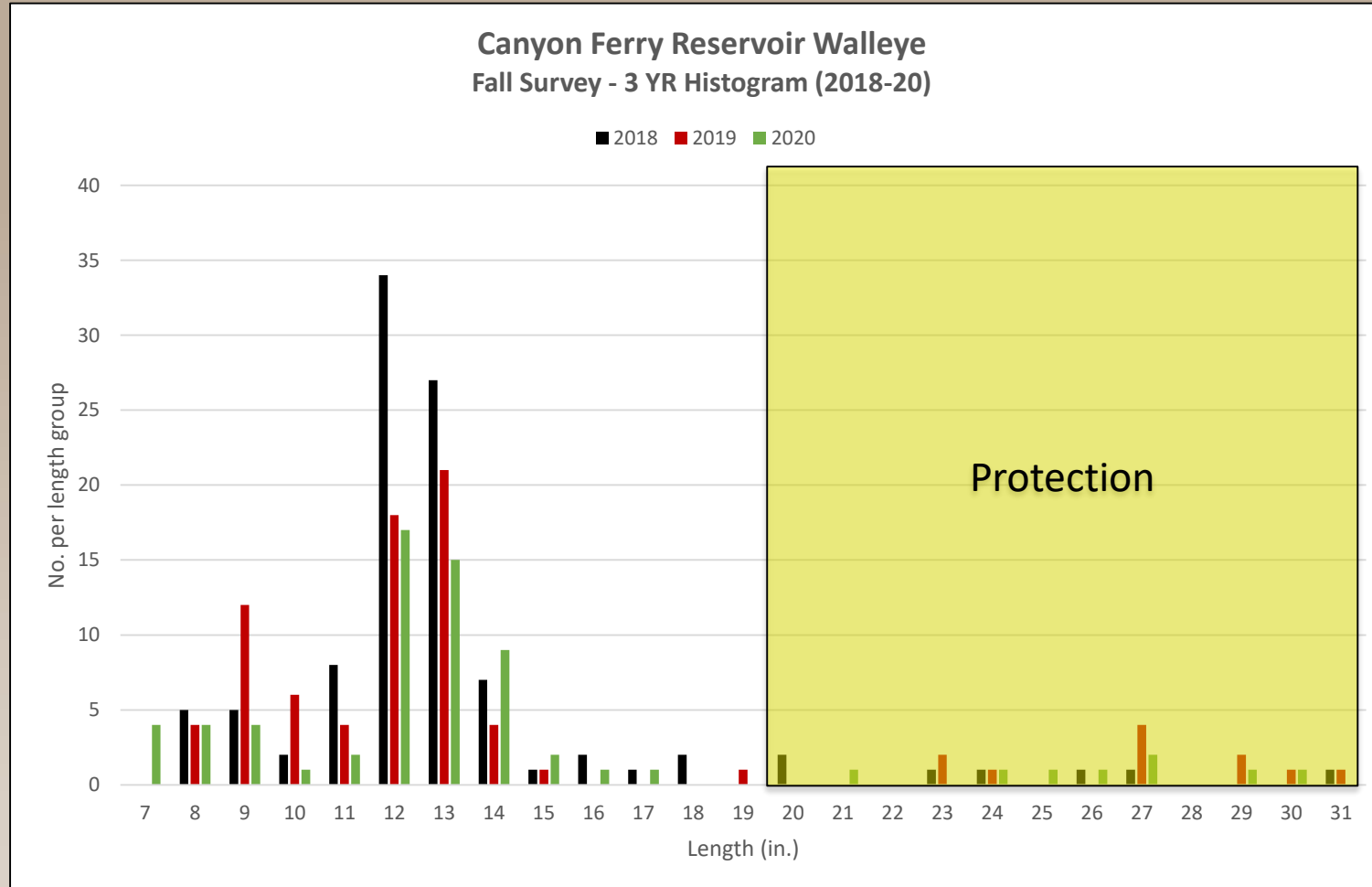
Walleye Regulation Considerations

Canyon Ferry & Hauser Reservoirs

- **No Action**
- **Decrease daily and possession limit to 10 & 20**
- **Decrease daily and possession limit to 10 & 20; 1 over 20-inch protection**
- **Decrease daily and possession limit to 10 & 20; 1 over 15-inch protection**



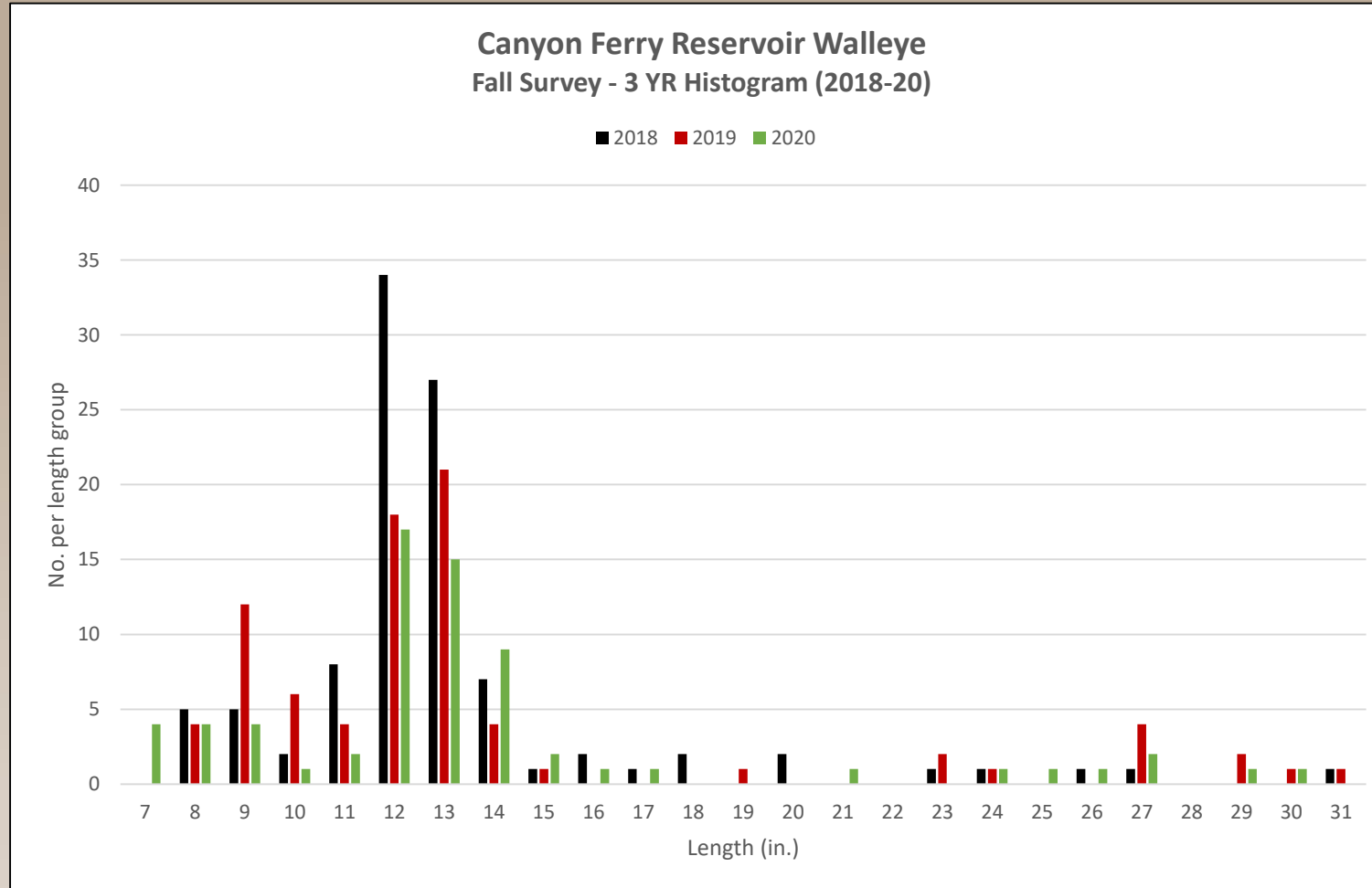
No Action



Same as current regulation (20 d., 1 over 20")



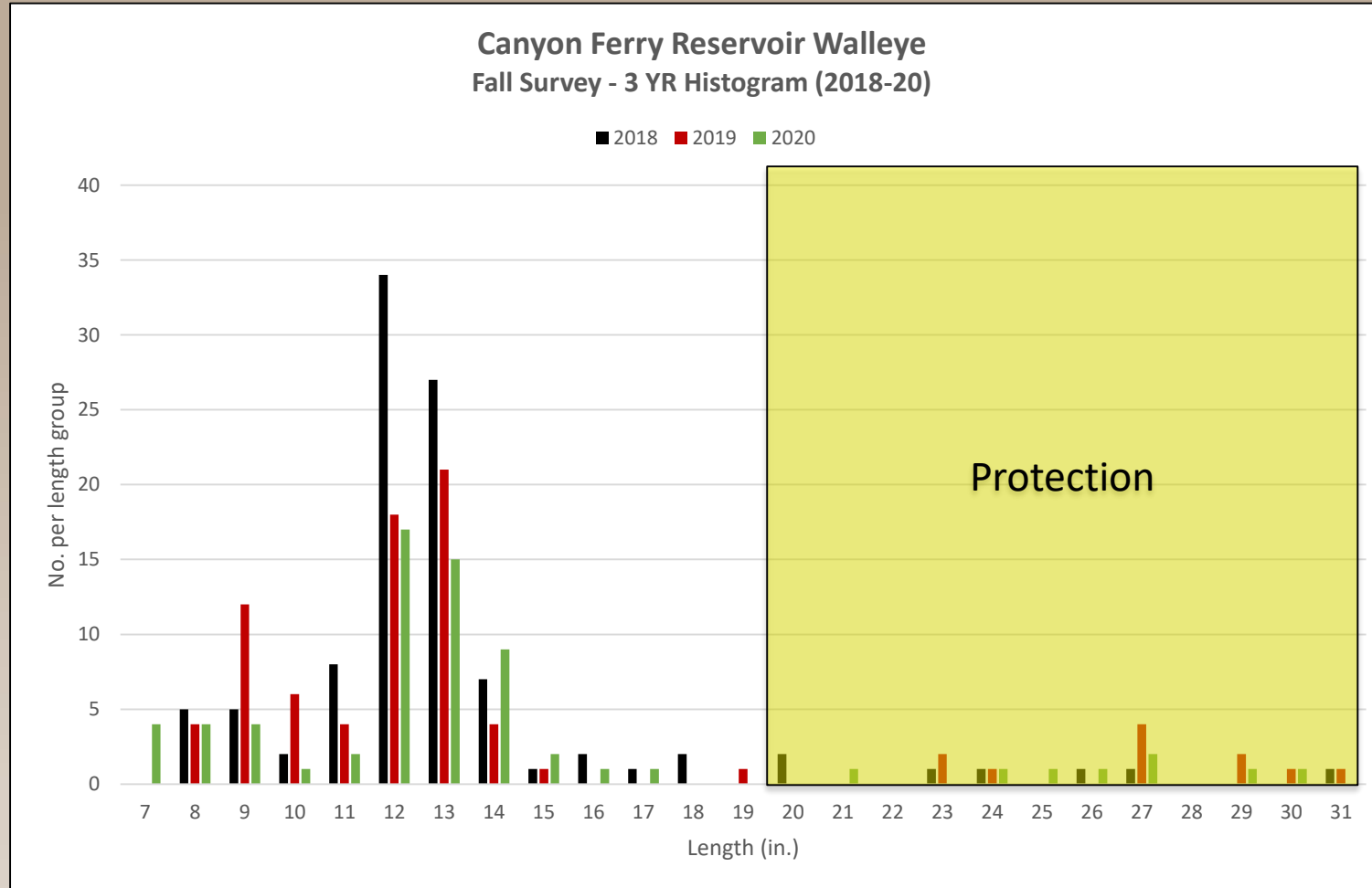
10 daily, 20 in possession



Reduction to creel limit, no protection



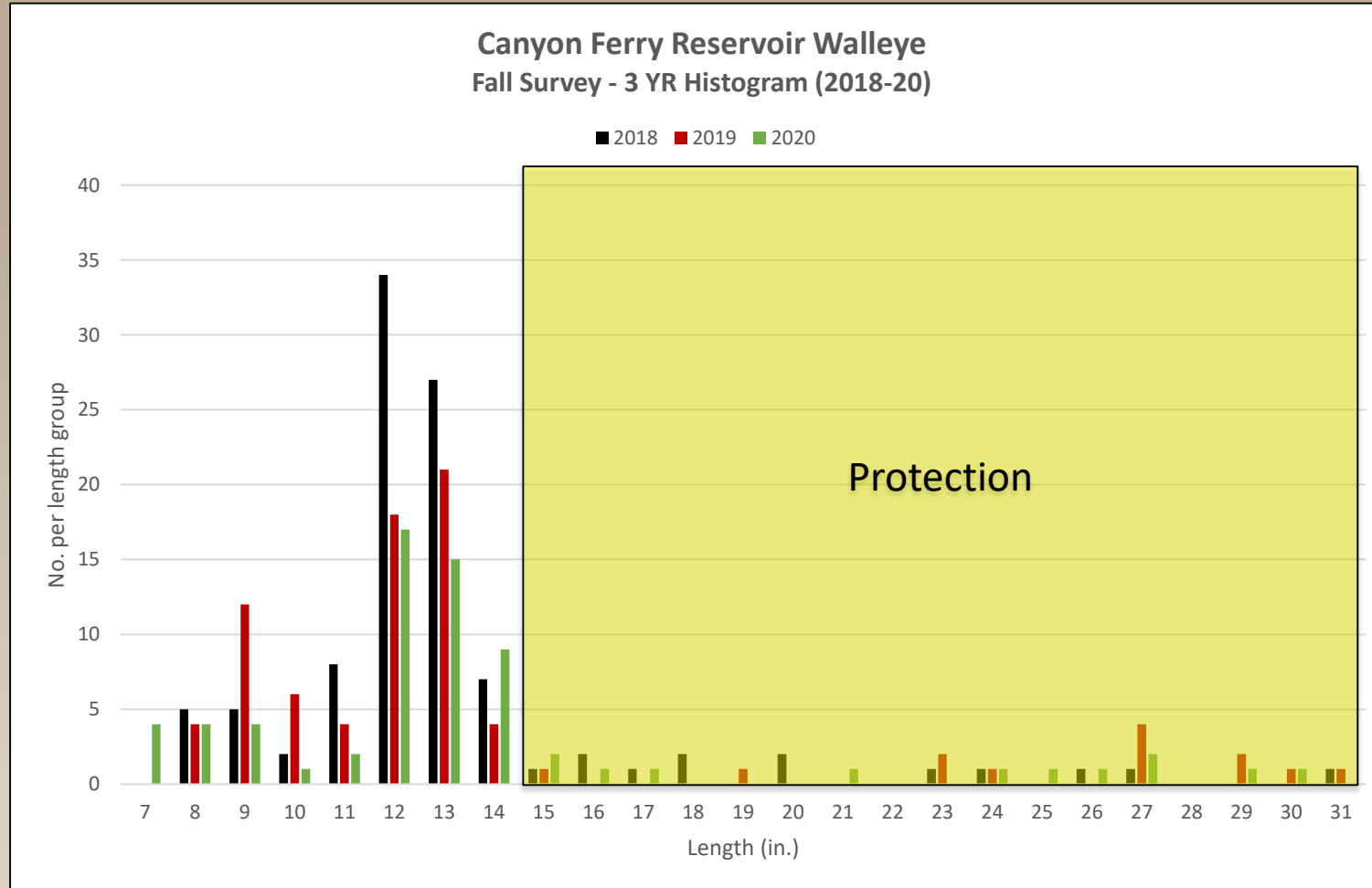
10 daily, 20 in possession; 1 over 20"



Reduction in creel limit, protects fish > 20"



10 daily, 20 in possession; 1 over 15"

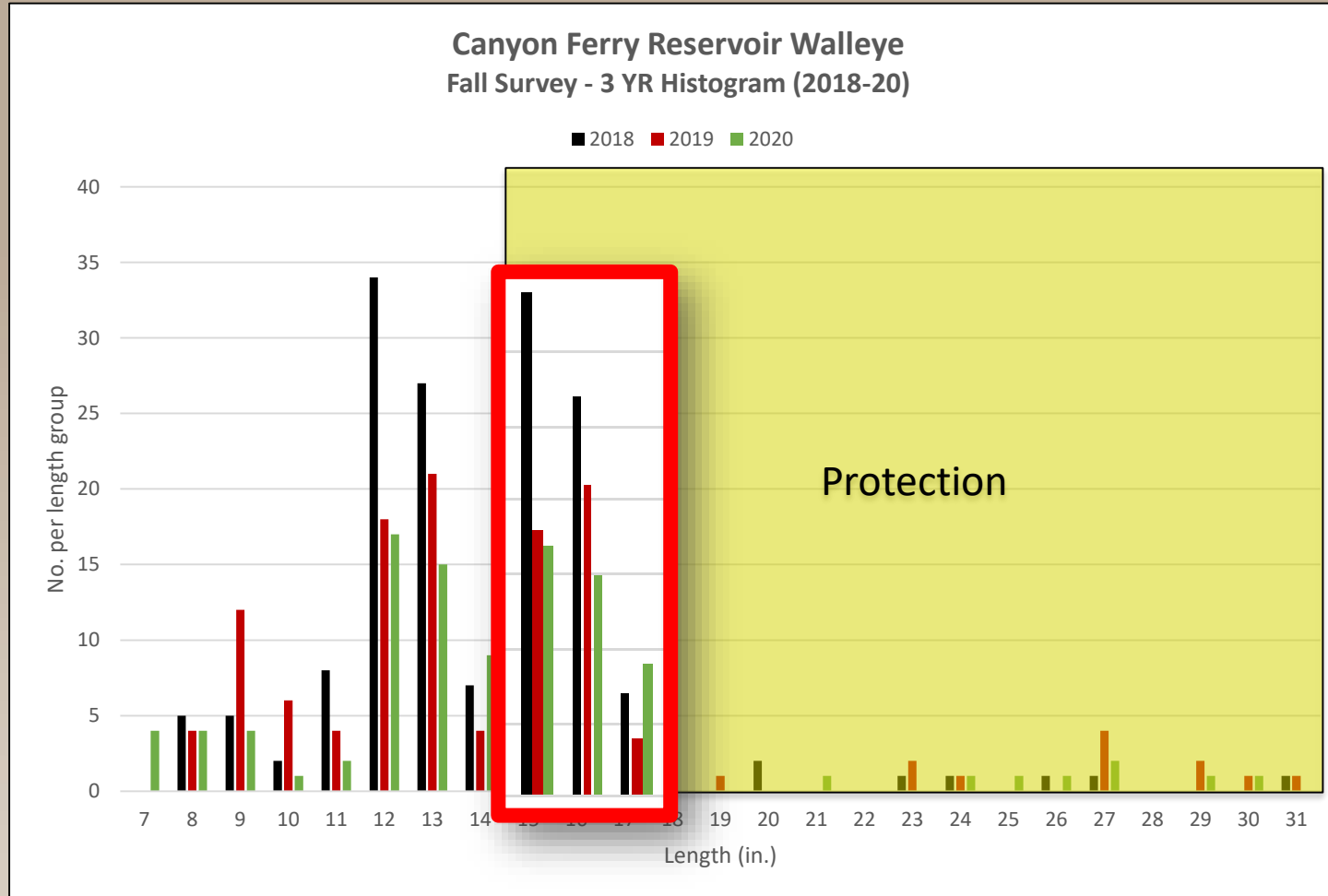


Reduction in creel limit, protects fish > 15"



FWP Preferred Alternative - Walleye

Canyon Ferry and Hauser Reservoir- 10 daily, 20 in possession; 1 over 15"



Guaging Success

1. Monitor PSD's
2. Make changes when necessary
3. Anglers seeing more 15+ inchers (Creel)
4. Forage implications
5. Environmental variable unknowns

