

8 Year Lake Arrowhead Bass Catch 2014-2021

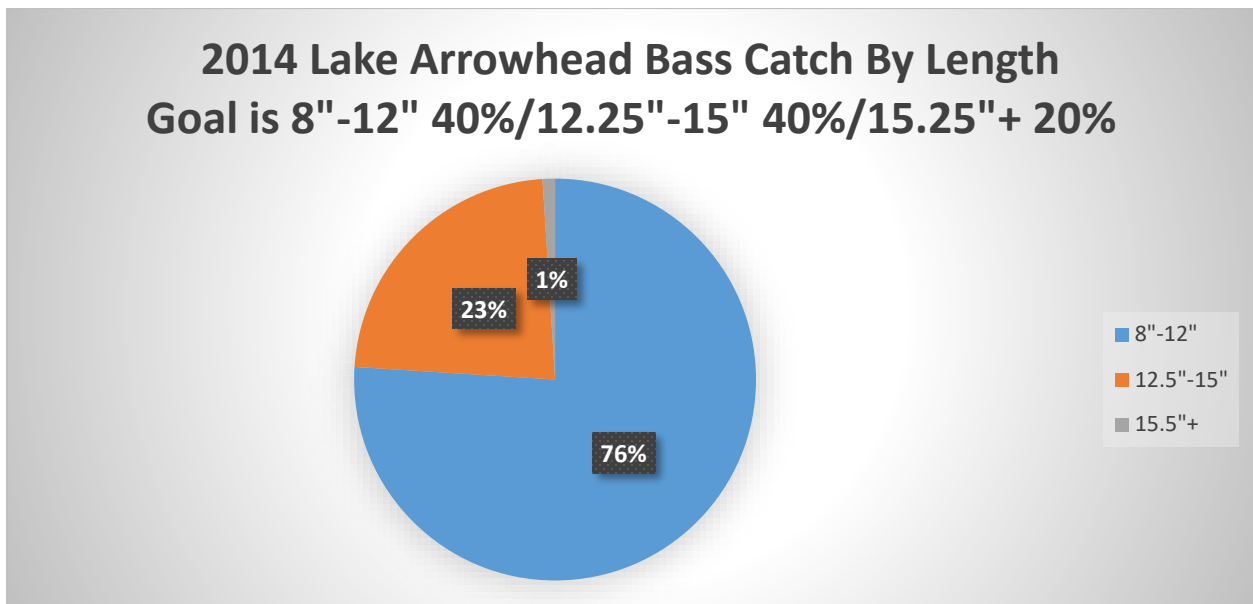
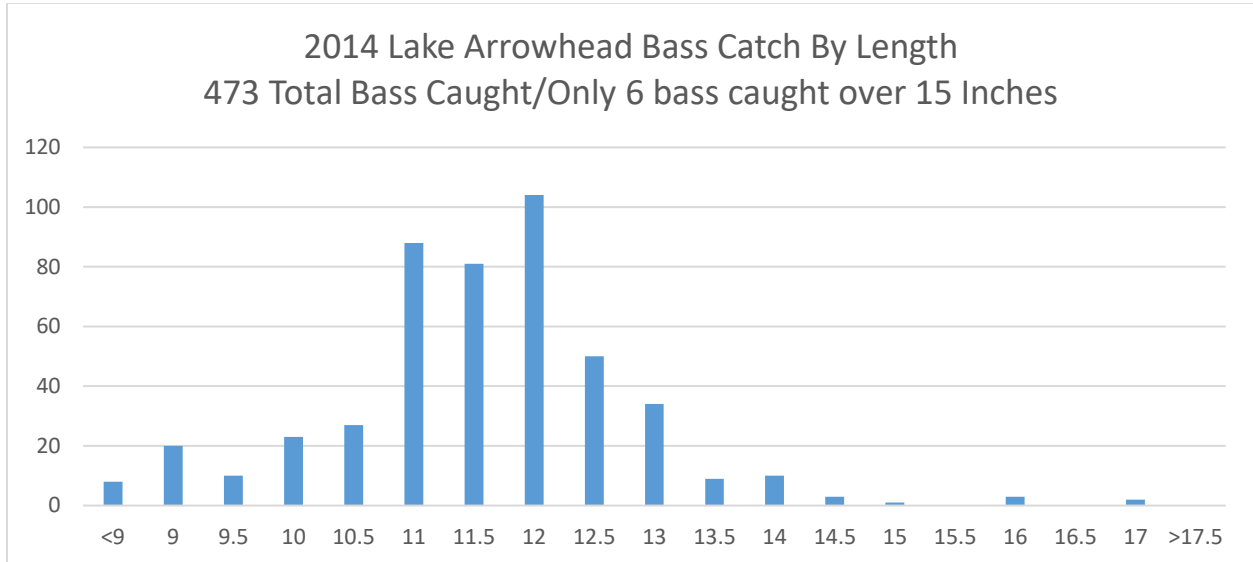
<u>Year</u>	<u>Days fished</u>	<u>Total Bass</u>	<u>Bass catch per trip</u>	<u>Bass Harvested</u>
2014	20	600	30	0
2015	16	369	23	30
2016	28	717	25	117 (16.3% of total)
2017	31	691	22	147 (21.3% of total)
2018	20	430	21	85 (20% of total)
2019	18	208	11.5	9 (4% of total)
2020	24	261	11	0
2021	18	472	26	0
8 Year Total	175	3,748	21	388 (11% of total catch)

***Days fished/total bass/bass catch/bass harvested # are for Adam Buettel catch only/not all anglers.**

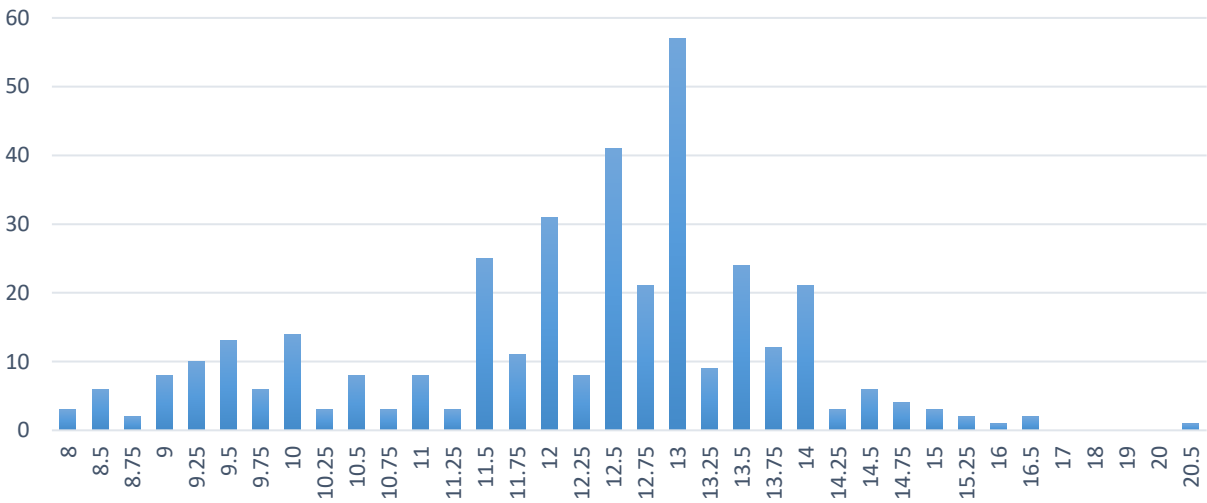
<u>Year</u>	<u>Average Length</u>	<u>Average Weight</u>	<u>Average RW%</u>	<u>% of bass caught over 15+inch</u>
2014	?	?	?	1.2%
2015	12.01 inch	.90 lbs.	?	2.4%
2016	12.37 inch	.97 lbs.	91.3%	6.69%
2017	12.80 inch	1.09 lbs.	91.4%	12.5%
2018	13.23 inch	1.15 lbs.	88%	16%
2019	13.69 inch	1.43 lbs.	101%	20%
2020	13.06 inch	1.28 lbs.	100%	26%
2021	13.00 inch	1.30 lbs.	101%	24.5%

Tiger musky were first stocked in November of 2015. Wipers, and walleye were also stocked starting 2013/2014. The second tiger musky stocking was November 2017. Bass harvest was limited/suspended in 2020 to make sure there were more 8-12 inch bass overall (2019-10.8%), currently (2021) we are at 36% of the bass are 8-12 inches, which is close to the goal of (40%). Limited harvest of bass can be used again in 2022 to thin skinny unhealthy bass under 15 inches. The third stocking of Tiger Musky (40) was in fall 2021. Numerous small bass were observed all year, mostly 4-10 inch bass. 24% of the bass are now over 15 inches (2021). We are now catching more bass over 17+ inches, which help eat smaller bass, limit bass recruitment and eat larger yellow bass. These bass also have more trophy fish potential. The recruitment of numerous small bass indicate two things confirmed thru electroshocking, there are fewer tiger muskies in Lake Arrowhead than in prior years, and the added artificial habitat placed in the

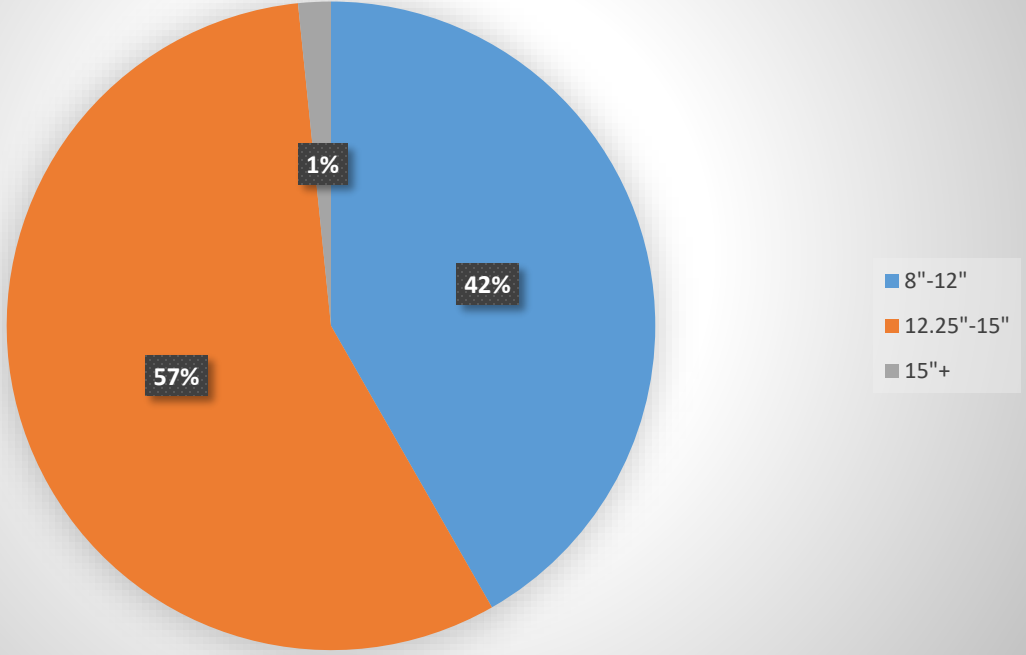
lake in April 2020 helped with young of the year survival for most fish including bass and bluegill which reproduce well in Lake Arrowhead. The electroshocking survey done in June 2020 confirmed most gamefish were in good to excellent condition. There were limited catches of yellow bass and no carp were caught. The next lake survey would be 2025.



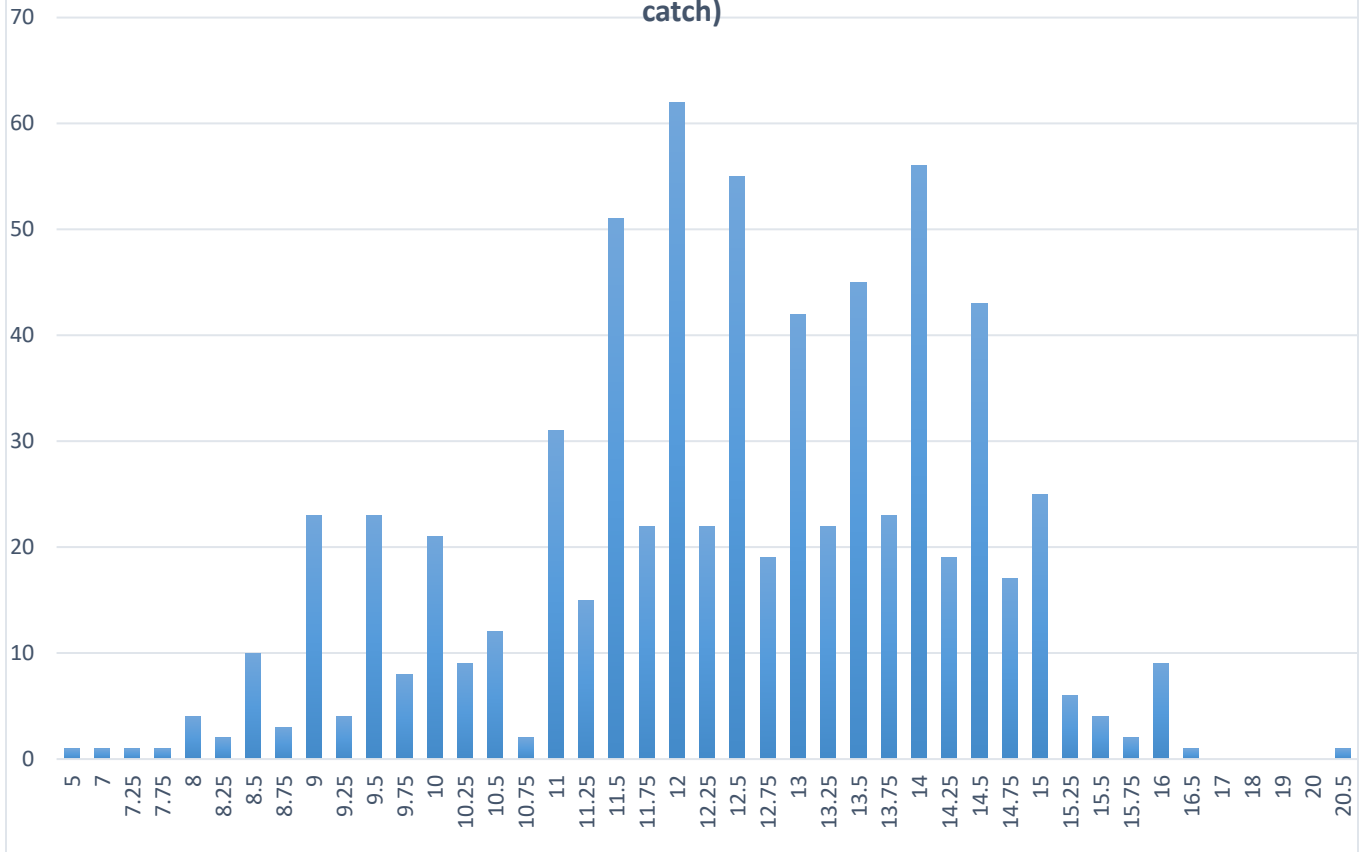
2015 Lake Arrowhead bass catch by length 369 total bass



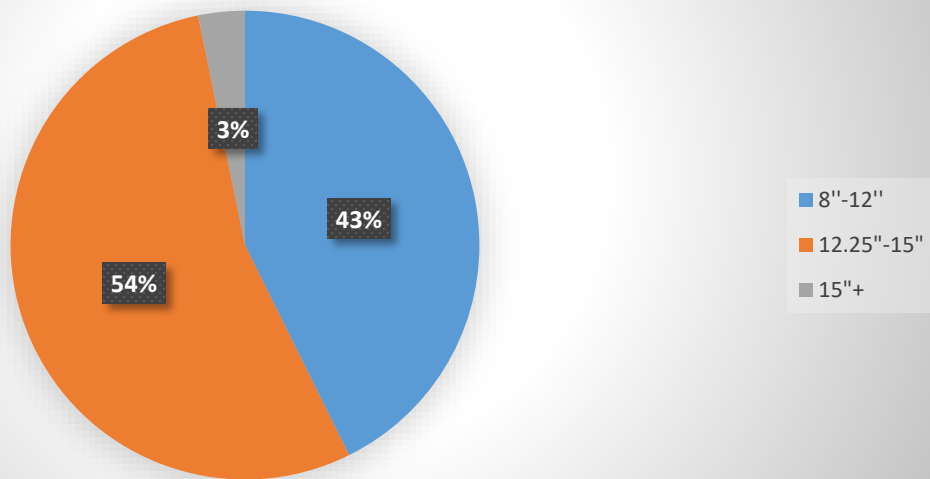
2015 Lake Arrowhead bass catch by length
Goal is 8"-12" 40%/12.25"-15" 40%/15"+20%



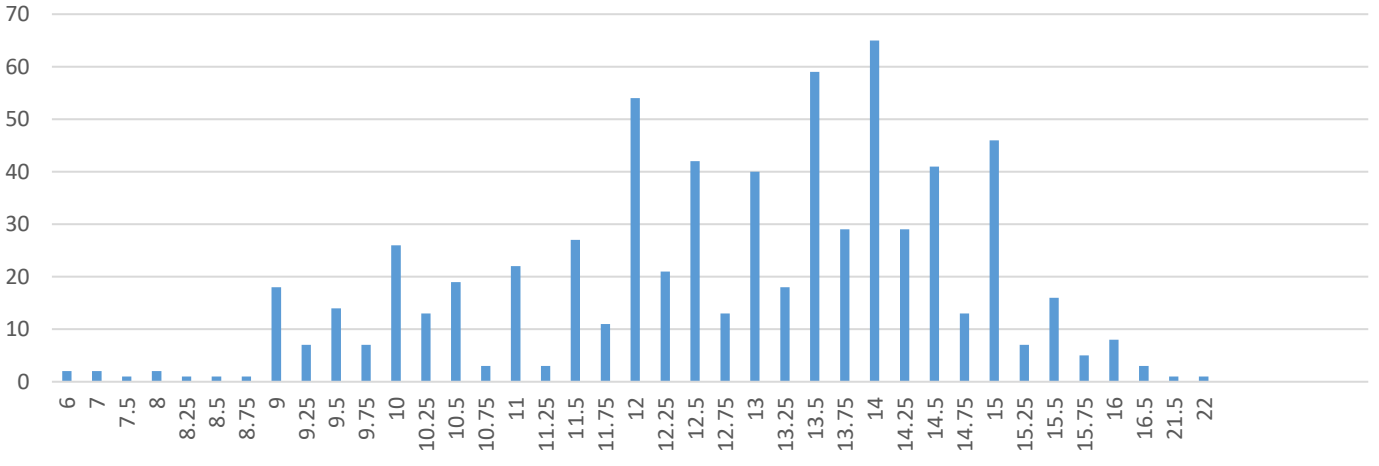
2016 Lake Arrowhead Bass catch by length
717 Total Bass/Relative Weight is 91.3%/Goal is 95-100%
123 of 695 bass weighed were at 100% or better relative weight (17 % of total catch)



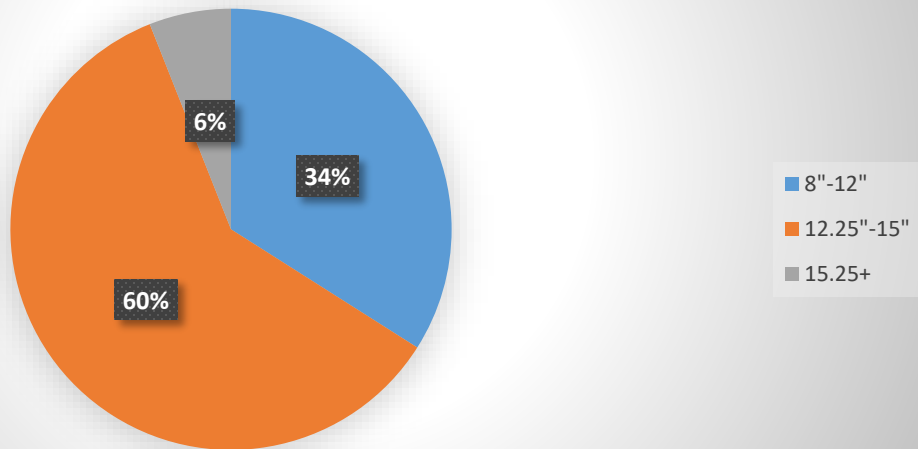
2016 Lake Arrowhead bass catch by length
Goal is 8"-12" 40%/12"-15" 40%/15"+ 20%



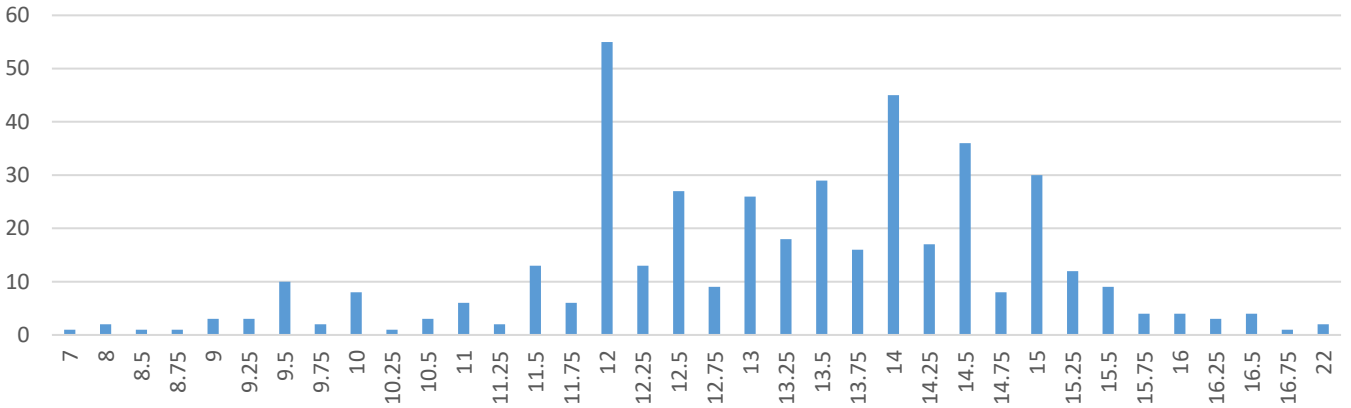
2017 Lake Arrowhead Bass Catch By Length
 691 Total Bass/Relative Weight is 91.4%/Goal is 95-100%
 134 of 691 bass weighed were at 100%+ relative weight (19.3% of total
 bass catch)
 Average bass length was 12.80 inch, Average lbs. was 1.09



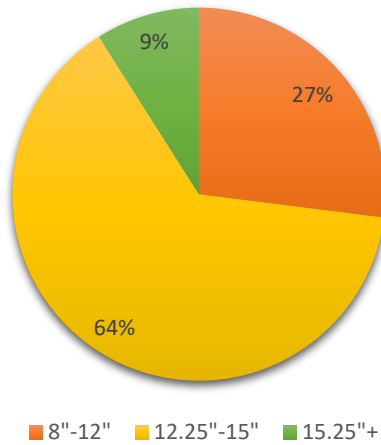
2017 Lake Arrowhead Bass Catch By Length
 Goal is 8"-12" 40%/12.25"-15" 40%/ 15.25+ 20%



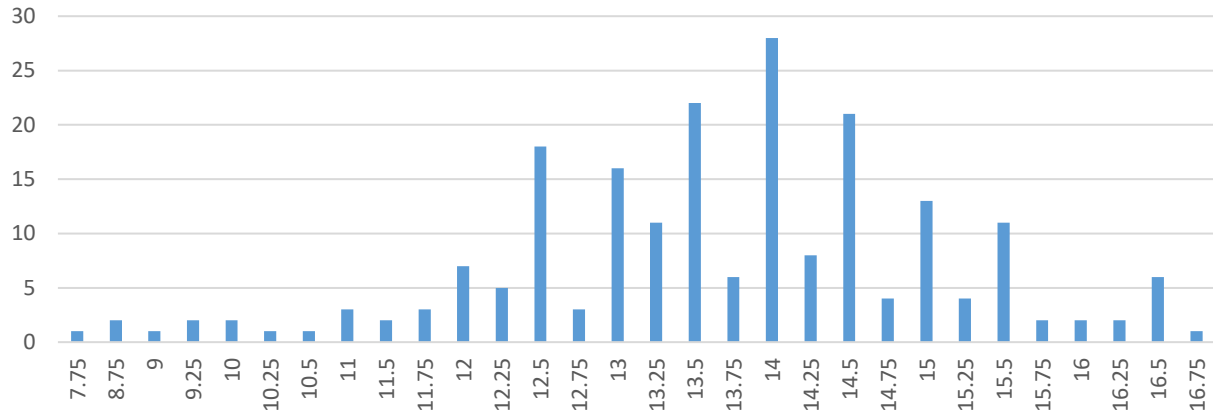
2018 Lake Arrowhead Bass Catch By Length
 430 Total Bass/15+Inch bass (69) 16.02% of total catch
 2017 15+ Inch bass (87) 12.5% of total catch
 2016 15+ Inch bass (48) 6.6% of total catch
 2015 15+ Inch bass (9) 2.4% of total catch
 Largest bass/22 inch (2)



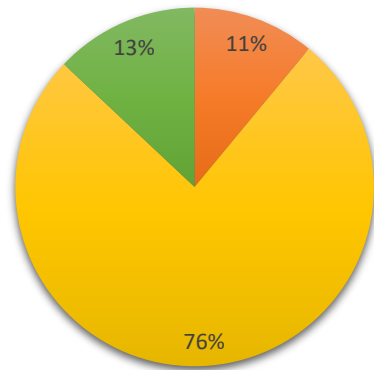
2018 Lake Arrowhead bass catch by length/430 Total Bass
 Goal is 8"-12" 40%/12.25"-15" 40%/15.25+ 20%



2019 Lake Arrowhead Bass Catch By Length
 208 Total Bass Caught/Avg Length-13.62 in, Avg lbs.-1.43 lbs.,
 Avg RW-101%
 20% of bass over 15+ Inches

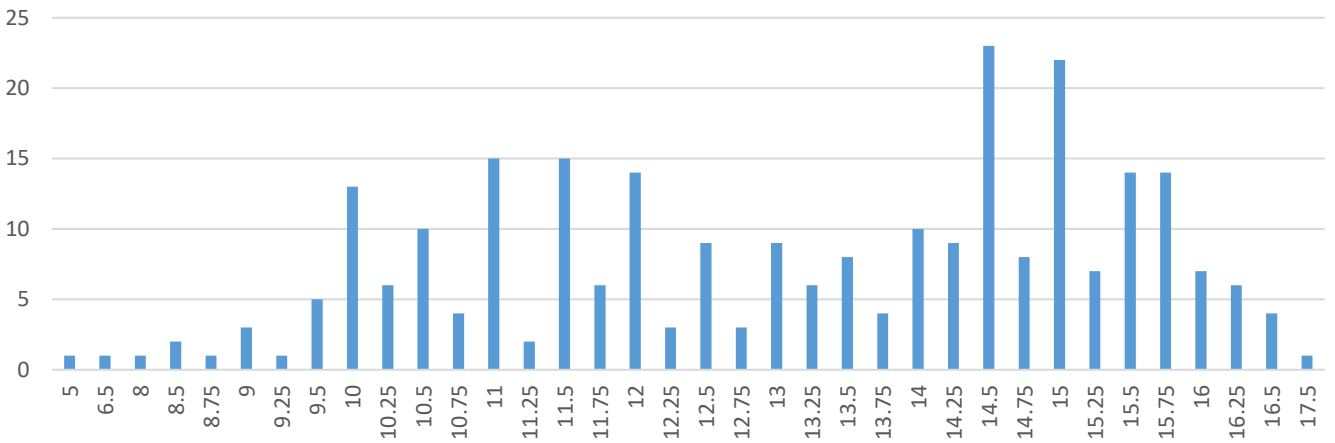


2019 Lake Arrowhead bass catch by length/208 Total Bass
 Goal is 8"-12"=40%/12.25"-15"=40%/15.25"+=20%



■ 8"-12" ■ 12.25"-15" ■ 15.25"+

2020 Lake Arrowhead Largemouth Bass Catch By Length
 261 Total Bass 13.06 Inch Avg. Length/1.28 lbs Avg. Weight
 100% Avg Relative Weight (RW)
 69 Bass over 15+ inches=26% of total bass catch
 19 Bass over 16+ inches=7% of total bass catch



2020 Lake Arrowhead L. Bass catch by length/261
 Largemouth Bass Goal is 8"-12"=40%, 12.25"-
 15"=40%, 15.25"+=20%

