Lake Sturgeon Length-Girth-Weight Estimation Chart

Length in inches (tip of snout to end of tail); Girth in inches (widest circumference around sturgeon)

Girth \ Length	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
7	1	1																												
8	1	1	2	2	2																									
9		2	2	2	2	3	3	3	4																					
10			2	2	3	3	3	4	4	4	4	4																		
11						3	3	4	4	4	5	5	6	6	6	7														
12									4	5	5	6	6	6	7	7	8	8												
13										6	6	6	7	7	8	8	8	9	10	10	11									
14														7	8	9	9	10	10	11	12	12	13							
15															9	9	10	11	11	12	13	13	14	15	16	17	18			
16																	10	12	12	13	14	15	15	16	17	18	19	20	22	
17																			13	14	14	16	17	17	18	19	20	21	22	23
18																						17	17	18	20	20	22	23	23	24
19																								19	21	22	23	25	26	26
20																										23	24	26	28	28
21																												29	29	29
22																												31	31	32
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35																														

Girth \ Length	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
7																															
8																															
9																															
10																															
11																															
12																															
13																															
14																															
15																															
16																															
17	24	24																													
18	26	26	28	29	29	30																									
19	28	28	30	30	32	32	34	34	37	41																					
20	30	31	31	32	35	35	37	37	40	43																					
21	32	33	33	35	35	37	39	39	41	44	44	44	46																		
22	37	37	37	37	38	40	41	43	43	45	47	47	51	52	54																
23			39	41	41	42	44	45	47	47	50	51	53	53	55	56	60	61													
24				44	45	45	46	47	49	52	53	55	56	58	58	63	64	65	67	68											
25					47	48	50	51	53	54	54	57	59	59	61	64	68	70	72	73	74	76									
26					55	50	52	54	55	58	58	58	61	62	62	66	72	73	76	77	79	81	82	84							
27					56	59	54	56	56	59	62	64	66	66	69	69	77	79	80	81	84	85	87	89	91	93	94	96	98	100	102
28						62	64	66	61	63	66	67	68	69	73	75	81	83	85	87	89	91	94	94	96	98	100	102	104	106	108
29						66	67	69	71	73	73	73	74	75	75	80	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114
30						69	71	73	75	77	79	77	77	78	80	83	91	93	95	97	99	101	103	105	107	109	111	114	116	118	120
31							75	77	79	81	83	85	87	89	91	93	95	98	100	102	104	106	108	111	113	115	117	120	122	124	127
32									83	85	87	89	91	94	96	98	100	103	105	107	109	112	114	116	119	121	123	126	128	131	133
33											91	94	96	98	101	103	105	108	110	114	115	117	120	122	124	127	129	132	135	137	140
34													101	103	105	108	110	113	115	118	120	123	125	128	130	133	136	138	141	144	146
35															110	113	115	118	121	123	125	128	131	134	137	139	142	145	148	150	153

Length is the maximum distance, from the sturgeon's nose tip to the end of the dorsal lobe of the tail. Girth is the maximum circumference on the sturgeon's body, usually measured slightly behind the pectoral fins. Girth is best measured with a flexible seamstress tape measure. Values in the table above are average weight (in pounds) for Lake Sturgeon of a given length and girth. For example: the average weight for a 55 inch long Lake Sturgeon with a 25 inch girth is 48 pounds. Estimates in **bold** are based on Lake Sturgeon sampled from Lake St. Clair and the St. Clair River. *Italicized* estimates are from Minnesota data because fish with those measurements are rare in Michigan DNR sturgeon surveys in the St. Clair system. Lake Sturgeon ≥50 inches are master angler sized in Michigan.

Check the Michigan Fishing Guide for
Lake Sturgeon regulations in your area!
Report All Poaching Call or Text: 800-292-7800

Length in Inches	Average Age	Minimum Age	Maximum Age
20	**3.5**	**3**	**4**
25	**4.5**	**3**	**7**
30	**5.7**	**4**	**9**
35	**7.5**	**5**	**15**
40	**10.0**	**8**	**15**
45	*15.2*	*12*	*19*
50	*20.4*	*17*	*25*
55	*29.9*	*25*	*36*
60	*39.4*	*33*	*47*
65	*49.0*	*40*	*61*
70	*74.4*	*56*	*119*

Table to the left shows approximate ages for Lake Sturgeon of various lengths. Data is based on fish captured from Lake St. Clair and the St. Clair River. Fish up to 40 inches (**bold**) are based on ages estimated from fin ray samples and fish over 40 inches (*italicized*) are based on growth rates observed from recaptures. Michigan DNR data suggests that ages estimated based on fin rays are unreliable for Lake Sturgeon over 40 inches.