Lake Sturgeon Length-Girth-Weight Estimation Chart

Length in inches(tip of snout to end of tail)

Girth in inches (widest circumference around sturgeon)	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	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
10	3	4	4	4	4	4	4	4																																																		
11				5	5	5	5	6	6	7																																																
12					5	6	6	7	7	7	8	8	9	10																																												
13							6	7	7	7	8	9	9	10	10	12	12																																									
14									8	8	9	10	10	11	11	12	13	13	15	16																																							
15												10	11	12	13	14	14	15	15	17	17	17	19	22																																			
16														14	14	15	15	17	17	18	18	19	21	21	22	25																																	
17																	17	17	18	20	20	21	22	23	23	25	25	27	27																													
18																		18	20	22	22	23	24	24	26	27	27	28	31	31	32																											
19																					21	23	26	26	28	28	30	31	31	32	34	35	35	36	40	41																						
20																						26	27	28	29	30	31	32	33	35	36	37	39	40	41	43	44	45																				
21																								28	33	34	34	36	35	37	38	40	41	42	44	45	46	50																				
22																											36	36	39	39	42	43	44	46	49	50	52	52	52	54	54	55																
23																												39	40	41	43	46	46	48	49	51	55	56	57	58	59	59	60	61													
24																													41	43	45	46	49	52	53	54	56	58	59	61	62	62	64	65	67	68										
25																															49	50	53	55	55	57	59	61	62	64	65	66	68	70	72	73	74	76								
26																															55	56	56	59	59	61	63	64	65	67	69	71	72	73	76	77	79	81	82	84					
27																															56	59	61	63	64	65	67	69	70	72	73	75	77	79	80	81	84	85	87	89	91	93	94	96	98	100	102
28																																62	64	66	67	69	71	72	74	76	79	80	81	83	85	87	89	91	94	94	96	98	100	102	104	106	108
29																																66	67	69	71	73	75	77	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114
30																																69	71	73	75	77	79	81	83	85	87	89	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	120	128	131	134	137	139	142	145	148	150	153

Length is the longest length you can measure on the sturgeon, from the tip of the nose to the tip of the tail. Girth is the maximum circumference on the sturgeons body. Values in the table above are average weight (in pounds) for lake sturgeon of a given length and girth inch group. For example: the average weight for a 55 inch long lake sturgeon with a 25 inch girth is 50 pounds.

These data are based on lake sturgeon sampled from Lake St. Clair and the St. Clair River for fish up to 65 inches in length and 25 inches in girth. Data for fish over 65 inches in length and girth over 25 inches are from Minnesota (Lake of the Woods and the Rainy River) because fish over 65 inches long or girth over 25 inches are rare in Michigan DNR sturgeon surveys on in the St. Clair system.

Approximate ages for lake sturgeon of various lengths

Data for this table is based on fish captured from Lake St. Clair and the St. Clair River

Length in inches	Average Age	Minimum age	Maximum age
20	3	2	3
25	4	3	6
30	6	4	11
35	8	6	15
40	11	8	20
45	14	10	21
50	21	12	36
55	25	16	34
60	30	21	46
65	35	25	59
70	45	27	74