

SUMMARY OF VOLUNTEER AND ELECTRONIC HERRING COUNTS, CAPE COD, 2007-2021

Updated 1/28/22

Compiled by Association to Preserve Cape Cod (APCC) and Massachusetts Bays National Estuary Partnership, Cape Cod Region (MassBays)
Estimated run size based on volunteer counts is calculated by the Massachusetts Division of Marine Fisheries using "Visual Count" software.
NA means not available, either because counts were not available or insufficient counts were collected for a run size estimate.
Redline indicates highest run size

Color key: Electronic counts Visual counts (volunteer counts) COVID-19 caused volunteer count to be cancelled or cut back

Visual Counts (Volunteer Counts)																			
Run Name	Town	Marine water body	Year	Electronic Counts	# Fish Counted	# of Observations	Estimated Run Size (Visual Counts)	Plus/Minus	Peak 10 Min Count	Date of Peak Count	Water temperature at Peak 10-minute count	First fish counted	Water temperature when first fish counted	Date when last fish counted	Water temperature when last fish counted	Peak Water Temp	Towns, Organizations & Partners	No. Volunteers	
Stony Brook	Brewster	Cape Cod Bay	2007	2,588	437	22,348	1,275	157	5/14/07	20.0	4/22/07	13.0	6/1/07	23.0	25.00	Town of Brewster	20		
			2008	1,907	255	25,289	2,938	233	4/25/08	18.0	4/17/08	12.0	5/29/08	20.0	23.00	APCC, MassBays	21		
			2009	1,002	233	11,062	1,185	95	4/29/09	18.0	4/16/09	9.0	5/29/09	20.0	21.00		24		
			2010	5,516	539	48,009	2,172	317	5/14/10	18.0	4/6/10	14.0	5/21/10	21.0	25.00		22		
			2011	3,019	287	37,091	1,185	136	4/30/11	17.0	4/7/11	10.0	6/1/11	21.0	25.00		17		
			2012	3,050	174	41,028	3,047	225	4/18/12	17.0	3/23/12	15.0	5/25/12	20.0	23.00		14		
			2013	7,712	177	153,242	32,004	584	4/13/13	18.0	4/14/13	11.0	5/26/13	19.0	28.00		13		
			2014	26,572	301	271,363	16,516	481	5/13/14	18.0	4/21/14	14.0	6/7/14	22.0	22.00		15		
			2015	19,462	235	251,530	17,110	519	5/8/15	17.0	4/14/15	11.0	6/20/15	19.0	26.00		13		
			2016	4,331	158	88,703	15,560	139	5/1/16	18.0	3/26/16	13.0	5/26/16	23.0	23.00		10		
			2017	879	141	20,318	4,706	55	4/30/17	17.0	4/11/17	11.0	5/29/17	17.0	23.00		10		
			2018	204,389	10,264	271	131,851	16,853	432	5/9/18	19.5	4/24/18	12.5	6/11/18	18.0	24.00		11	
2019	434,583	5,494	207	104,135	23,238	363	5/9/19	18.0	4/5/19	9.5	6/1/19	18.5	20.00		10				
2020																			
2021	861,73	971	63	NA													4		
Stillwater Pond (RC-1)	Chatham	Pleasant Bay		2016	570	264	11,989	13,723	245	5/4/16	12.5	3/26/16	NA	5/21/16	20.0	22.00	Town of Chatham	12	
				2017	74	153	1,645	3,421	21	5/12/17	16.0	4/21/17	12.5	5/12/17	16.0	23.50	APCC, MassBays	1	
				2018	3,048	257	31,582	15,853	625	5/1/18	13.5	3/31/18	NA	5/18/18	15.0	17.00		8	
				2019	2,877	226	49,919	17,686	207	4/19/19	10.0	3/30/19	NA	5/21/19	15.0	15.50		5	
				2020															
				2021				23,779											
Lovers Lake (RC-2)	Chatham	Pleasant Bay		2016	312	128	7,310	45,646	97	5/1/16	17.0	3/22/16	20.0	5/22/16	19.0	20.00		7	
				2017			2,083	1,439	30	4/29/18	NA	4/28/18	NA	5/19/18	NA	16.00		6	
				2018	520	121	NA	NA	11	5/13/19	10.0	4/16/19	10.0	5/13/19	15.0	15.00		5	
				2019	16	76	NA												
				2020															
				2021				4,657											
Bound Brook	Dennis	Cape Cod Bay		2012	1,209	84	34,580	5,711	142	4/23/12	15.0	4/5/12	12.0	5/12/12	19.0	20.00	Town of Dennis	8	
				2013	1,661	124	33,486	11,534	177	4/26/13	18.0	4/13/13	10.0	5/14/13	17.0	21.00	APCC, MassBays	11	
				2014	593	82	16,117	3,150	170	4/22/14	15.0	4/21/14	15.0	5/24/14	18.0	22.00	Dennis Conservation Trust	10	
				2015	2,088	176	25,849	7,993	157	5/6/15	15.0	4/23/15	12.0	5/20/15	19.0	15.00		25	
				2016	55	111	1,453	893	13	5/10/16	22.0	4/22/16	20.0	5/26/16	16.0	22.00		12	
				2017	21	17	NA	NA	18	4/27/17	16.0	4/27/17	16.0	5/1/17	15.0	20.00		2	
				2018	7,814	207	127,387	27,334	431	5/16/18	18.0	4/25/18	13.0	6/18/18	20.0	23.00		14	
				2019	988	117	21,632	5,078	88	4/24/19	19.0	4/16/19	12.0	5/24/19	17.0	24.00		2	
				2020	0	26	NA												2
				2021	23	115	726	839	8	5/1/21	NA	4/10/21	14.0	5/1/21	15.0	23.00		8	
							32,632												
Scargo Lake	Dennis	Cape Cod Bay		2015	119	0	76	NA	NA	75	5/31/15	20.0	5/25/15	18.0	5/31/15	20.0	22.00	Town of Dennis	7
				2016	0	17	NA	NA	0	NA	NA	NA	NA	NA	NA	NA	21.00	APCC, MassBays	15
				2017														Dennis Conservation Trust	
				2018		86	NA	NA	13	4/29/18	14.0	4/26/18	13.0	5/15/18	17.0	22.00		8	
				2019	376	113	12,005	3,979	50	5/21/19	15.0	4/15/19	12.0	5/28/19	16.0	18.00		11	
				2020	115	33	NA	NA	21	7/20	4/17/20	10.0	5/7/20	10.0	NA	NA	22.00	5/19/21	2
				2021	0	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.00		5	
			12,005																
Bridge Pond (aka Herring Brook)	Eastham	Cape Cod Bay		2014	769	295	2,912	2,081	61	5/15/14	18.0	4/14/14	12.0	5/15/14	18.0	20.00	Eastham Herring Monitors	21	
				2015	461	368	3,204	1,238	116	5/9/15	10.0	4/19/15	11.0	5/19/15	19.0	21.5	Town of Eastham	28	
				2016	153	284	1,932	304	20	4/21/16	10.0	3/25/16	13.0	5/18/16	13.0	19	APCC, MassBays	27	
				2017	355	289	4,849	2,293	53	4/26/17	11.0	4/14/17	13.0	5/20/17	14.0	22		25	
				2018	1,068	246	12,747	3,850	79	5/6/18	16.0	4/1/18	9.0	5/16/18	16.0	20		20	
				2019	652	292	7,456	1,397	68	4/23/19	14.0	4/3/19	7.0	6/18/19	17.0	18		25	
				2020															
				2021	106	230	2,493	1,803	12	4/15/21	10.0	4/10/21	NA	5/15/21	19.0	12		15	
							5,433												
Herring Pond (aka Herring River, Eastham)	Cape Cod Bay			2016	35	291	378	596	15	4/22/16	15.7	4/8/16	8.0	5/1/16	12.0	20	Eastham Herring Monitors	23	
				2017	15	241	344	334	9	4/29/17	14.0	4/27/17	12.0	5/10/17	12.0	21	Town of Eastham	25	
				2018	269	346	3,346	1,331	27	5/6/18	15.0	4/13/18	8.0	5/15/18	16.0	20	APCC, MassBays	19	
				2019	198	283	1,788	643	14	4/20/19	13.0	4/16/19	10.0	5/20/19	14.0	17		25	
				2020															
				2021	57	211	785	342	12	4/28/21	NA	4/10/21	NA	5/14/21	NA	NA		12	
							1,321												
Coonamessett River	Falmouth	Vineyard Sound		2005 (1)	37	110	NA	NA	5	5/2/05	10.0	4/18/05	10.0	5/18/05	11.0	15			
				2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
				2007 (2)	1,127	82	NA	NA	171	5/9/07	12.2	4/23/07	10.0	5/15/07	12.2	13.00			
				2008 (2)	3,057	102	NA	NA	409	5/7/08	15.0	4/17/08	na	5/15/08	12.8	16.00			
				2009 (2)	4,290	111	NA	NA	1,300	4/28/09	16.0	4/19/09	10.0	5/18/09	12.0	16.00			
				2010 (3)	1,532	239	NA	NA	1,599	5/1/10	17.0	4/20/10	12.0	5/15/10	17.0	18.00			
				2011 (3)	855	342	NA	NA	118	4/29/11	16.0	4/12/11	11.0	5/1/11	11.0	16.00			
				2012 (3)	2,338	277	NA	NA	275	4/23/12	10.0	4/11/12	10.0	5/19/12	16.0	18.00	Coonamessett River Trust		
				2013 (3)	3,124	303	NA	NA	776	4/23/13	15.0	4/14/13	11.0	5/23/13	15.0	15.00			
				2014 (4)	21,295	329	NA	NA	2,800	5/13/14	16.0	4/13/14	12.0	5/24/14	15.0	20.00			
				2015 (5)	11,365	669	74,595	20,323	738	5/7/15	17.0	4/16/15	12.0	5/25/15	18.0	25.00	Town of Falmouth		
				2016 (5)	6,354	521	81,317	41,998	834	4/29/16	13.0	4/19/16	14.0	5/30/16	21.0	24	APCC, MassBays		
2017 (5)	4,469	571	42,211	16,338	583	5/18/17	18.0	4/21/17	15.0	5/29/17	13.0	22.00							
2018 (6)	31,880	507	31,948	5,204	145	5/24/18	16.0	4/27/18	8.0	6/9/18	17.0	17.00		24					
2019	5,969	517	60,540	19,147	463	4/25/19	14.5	4/6/19	8.0	5/27/19	19.0	19.00		26					
2020	1,491	20	49,225	NA	253	5/2/20	15.0				5/27/20								
2021																			
			56,639																
Herring River	Harwich	Nantucket Sound		2009	2,088	396	19,336	1,935	161	4/27/09	15.0	4/11/09	8.5	5/31/09	18.0	21.00	Harwich Conservation Trust	48	
				2010	1,821	487	41,254	4,966	315	5/8/10	16.0	4/2/10	11.0	5/26/10	23.0	23.00	Town of Harwich	NA	
				2011	1,122	146	10,466	1,162	103	4/26/11	15.0	4/11/11	9.0	5/27/11	22.0	22.50	APCC, MassBays	NA	
				2012	10,														