2020 Gulf of Maine Seabird Working Group Census Results

(Results from region-wide count period are reported here - refer to island synopsis or contact island staff for season totals)
Census Window: June 12-22 (peak of tern incubation)
Data missing or numbers need to be verified

NOVA SCOTIA

ISLAND NAME	DATE	METHOD	COTE	ARTE	ROST	LETE	LAGU	ATPU	RAZO	COMU	FLEDGE/NEST	N	SD	METHOD	EGGS/NEST	N	SD	OBSERVER
North Brother	6/14	N			49										1.30	49	0.50	
North Brother	6/14	N	664															
North Brother																		
South Brother																		
2020 NS COAST TOTAL			664		49													
2019 NS COAST TOTAL			372	35	47	0	0											
2018 NS COAST TOTAL			0	0	0	0	0											
2017 NS COAST TOTAL						0	0											
2016 NS COAST TOTAL			619		50													
2015 NS COAST TOTAL			687		42													
2014 NS COAST TOTAL			**651**	**44**	**38**	**0**	**0**											
2013 NS COAST TOTAL			**596**	**50**	**38**	**0**	**0**											
2012 NS COAST TOTAL			**574**	**50**	**34**	**0**	**0**											
2011 NS COAST TOTAL			**631**	**60**	**38**	**0**	**0**											
2010 NS COAST TOTAL			**632**	**54**	**38**	**0**	**0**											
2009 NS COAST TOTAL			**473**	**42**	**42**	**0**	**0**											
2008 NS COAST TOTAL			**527**	**28**	**55**	**0**	**0**											

*2013 Data for The Brothers: reported as total count, with 38 roseates.

NEW BRUNSWICK

ISLAND NAME	DATE	METHOD	COTE	ARTE	ROST	LETE	LAGU	ATPU	RAZO	COMU	FLEDGE/NEST	N	SD	METHOD	EGGS/NEST	N	SD	OBSERVER
Machias Seal	NO CENSUS		no census															UNB
Machias Seal	NO CENSUS			no census														UNB
Machias Seal	7/9-7/14	NP								620								UNB
Machias Seal																		
Machias Seal																		
2020 NB COAST TOTAL		NP									No tern census due to COVID-19 restrictions; no terns present when crew arrived on 4 July							
2019 NB COAST TOTAL		NP	**25**	**430**	**0**	**0**	**0**				A tern census was not conducted this year, but it is estimated that there were up to 500 attempted nests island-wide, with a probable species distribution of 85% ARTE and 5% COTE, similar to last year.							
2018 NB COAST TOTAL		NP	**17**	**459**	**0**	**0**	**0**											
2017 NB COAST TOTAL		NP	**18**	**282**	**0**	**0**	**0**				Estimated 300 nesting pairs from visual estimates, applied 2016 ratio of 94:6 ARTE:COTE							
2016 NB COAST TOTAL		NP	**11**	**165**	**0**	**0**	**0**				A tern census was not conducted this year, but it is estimated that there were up to 175 attempted nests island-wide, with a probable species distribution of 94% ARTE and 6% COTE, similar to last year.							
2015 NB COAST TOTAL		NP	**6**	**144**	**0**	**0**	**0**											
2014 NB COAST TOTAL		NP	**4**	**134**	**0**	**0**	**0**											
2013 NB COAST TOTAL		NP	**4**	**86**	**0**	**0**	**0**				Data reported for Machias Seal is reported as total count (90); species not separated. Species ratio of 96% ARTE and 4% COTE applied. Count spans entire season. Number of nests during census window not reported							
2012 NB COAST TOTAL		NP	**2**	**48**	**0**	**0**	**0**				no census conducted, estimate of 300-500 birds on island; reported 50 nests from visual estimation w/ 96% ARTE and 4% COTE species ratio, lower than previous 2 years.							
2011 NB COAST TOTAL		NP	**3**	**72**	**0**	**0**	**0**				300-500 birds on island, reported 75 nests from visual estimation with 96% ARTE and 4% COTE species ratio; 33 nests found in marked plots,							
2010 NB COAST TOTAL		NP	**7**	**168**	**0**	**0**	**0**				300-500 birds on island, reported 175 nests with 96% ARTE and 4% COTE species ratio; 94 nests found in marked plots							
2009 NB COAST TOTAL		NP	**6**	**144**	**0**	**0**	**0**				35 nests found in marked plots, used 96% ARTE and 4% COTE species ratio							
2008 NB COAST TOTAL		NP	**5**	**117**	**0**	**0**	**0**				74 nests found in marked plots, used 96% ARTE and 4% COTE species ratio							
2007 NB COAST TOTAL		NP	**3**	**72**	**0**	**0**	**0**											
2006 NB COAST TOTAL		NP	**213**	**904**	**0**	**0**	**0**											
2005 NB COAST TOTAL		**NP**	**1066**	**2158**	**0**	**0**	**0**											

MAINE

ISLAND NAME	DATE	METHOD	COTE	ARTE	ROST	LETE	LAGU	ATPU	RAZO	COMU	FLEDGE/NEST	N	SD	METHOD	EGGS/NEST	N	SD	OBSERVER
Eastern Brothers																		USFWS
Petit Manan	6/15-6/16	N	949								0.78	23		2	1.96	23		USFWS
Petit Manan	6/15-6/16	N		352							0.67	36		2	1.67	36		USFWS
Petit Manan	6/15-6/16	N			0													USFWS
Petit Manan	6/15-6/16	N					589											USFWS
Petit Manan	season total							at least 37			0.81	37		3				USFWS
Petit Manan	season total	N							3		0.66	3		3				USFWS
Ship Island	6/17	N	54								0.97	33		2	2.27	33		USFWS
Dry Money Ledge																		USFWS
Mason Ledge																		
Conary Nub																		USFWS
Ingalls Island																		USFWS

Squid Island Ledge																		USFWS
Little Nash Island																		
Wooden Ball Island																		
Eaton Island Ledge	6/15	VEB	0															
Hardhead	6/15	VEB	0															
Grass Ledge West	6/15	N	102	0	0													
Grass Ledge East																		
Sloop Island																		
Spoon Ledge	6/15	N	9	0	0													
Green Ledge	6/15	VEB	0															
Seal Island NWR	NO CENSUS		no census								0.72	78		1,2	1.81	78		Audubon
Seal Island NWR	NO CENSUS			no census							0.72	53		1,2	1.68	53		Audubon
Seal Island NWR	NO CENSUS							no census			0.76	73		3				Audubon
Seal Island NWR	season total	N							79		0.58	33		3				Audubon
Matinicus Rock	NO CENSUS		no census								0.85	27		1,2	1.81	27		Audubon
Matinicus Rock	NO CENSUS			no census							0.74	50		1,2	1.70	50		Audubon
Matinicus Rock	season total	N					79											Audubon
Matinicus Rock	NO CENSUS							no census			0.60	64		3				Audubon
Matinicus Rock	NO CENSUS								no census		0.57	30		3				Audubon
Matinicus Rock	season total									12								Audubon
Metinic	6/17	N	630								0.80	45		2	1.96	45		USFWS
Metinic	6/17	N		389							0.96	24		2,3	1.63	24		USFWS
Poverty Nub																		
The Brothers (Muscongus Bay)																		USFWS
Eastern Egg Rock	6/15	N	1,156								0.27-0.49	79		1,2	2.28	79		Audubon
Eastern Egg Rock	6/1-06/20	N		77											1.67	42		Audubon
Eastern Egg Rock	6/1-06/20	N			80						1.02	68		3	1.83	68		Audubon
Eastern Egg Rock	6/15, 6/20	N					1,174											Audubon
Eastern Egg Rock	season total	N						at least 173										Audubon
Western Egg Rock	NO CENSUS						no census											Audubon
Pond Island NWR	6/17	N	1,453								0.76	62		1,2	2.03	62		Audubon
Pond Island NWR	6/12 - 6/20	N		3							0.45	9		3	1.56	9		Audubon
Pond Island NWR	6/12 - 6/20	N			2						1.00	2		3	2.00	2		Audubon
Hen Island	NO CENSUS		no census															Audubon
Jenny Island	6/16	N	1,433								0.68	93		1,2	2.16	93		Audubon
Jenny Island	6/12 - 6/20	N		1														Audubon
Jenny Island	6/12 - 6/20	N			21						0.99	21		3	1.81	21		Audubon
Outer Green Island	6/14	EX	1,775								0.74	76		1,2	2.12	76		Audubon
Outer Green Island	6/14	N		0														Audubon
Outer Green Island	6/14	N			0													Audubon
Stratton Island	6/14	N	1,159								0.76	74		1,2	2.41	74		Audubon
Stratton Island	6/12 - 6/20	N		5											1.58	12		Audubon
Stratton Island	6/12 - 6/20	N			114						1.16	89		3	1.57	89		Audubon
Stratton Island	6/15	N				0												Audubon
Wells Beach	6/15	N				0												ME Audubon
Crescent Surf	6/15	N				130					0.50	130		3	1.78	130		USFWS
Western Beach	6/15	N				0												ME Audubon
Goose Rocks Beach	6/15	N				0												ME Audubon
Reid Beach	6/15	N				0												ME Audubon
Popham Beach	6/15	N				0												ME Audubon
Higgins Beach	6/15	N				128					0.32	128		3	1.79	128		ME Audubon
Laudholm Farm	6/15	N				0												USFWS
Seawall Beach	6/15	N				0												ME Audubon
Ram Island	6/15	N				0												ME Audubon
2020 ME COAST TOTAL*	2020 not comparable to previous years d		8,720	827	217	258	1,842				***Not all colonies censused in 2020 due to COVID-19**							
2019 ME COAST TOTAL			**10,161**	**2,280**	**219**	**296**	**1,127**	**831**	**65**	**6**								
2018 ME COAST TOTAL			**9,689**	**2,346**	**236**	**319**	**1,568**	**-**	**-**	**-**								
2017 ME COAST TOTAL			**8,647**	**2,151**	**245**	**253**	**2,360**											
2016 ME COAST TOTAL			**7,952**	**2,348**	**178**	**238**	**2,342**											
2015 ME COAST TOTAL			**8,926**	**2,462**	**200**	**81**	**2,563**											
2014 ME COAST TOTAL			**7,944**	**2,283**	**180**	**249**	**3,183**											
2013 ME COAST TOTAL			**8,074**	**2,387**	**185**	**224**	**3,177**											
2012 ME COAST TOTAL			**8,145**	**2,478**	**140**	**192**	**3,433**											
2011 ME COAST TOTAL			**7,921**	**2,904**	**151**	**75**	**3,675**											
2010 ME COAST TOTAL			**7,822**	**3,063**	**170**	**231**	**2,820**											
2009 ME COAST TOTAL			**7,997**	**4,069**	**184**	**176**	**4,467**											
2008 ME COAST TOTAL			**7,397**	**4,297**	**200**	**162**	**4,477**											
2007 ME COAST TOTAL			**7,675**	**4,228**	**225**	**158**	**4,171**											

NEW HAMPSHIRE

ISLAND NAME	**DATE**	**METHOD**	**COTE**	**ARTE**	**ROST**	**LETE**	**LAGU**	**ATPU**	**RAZO**		**FLEDGE/NEST**	**N**	**SD**	**METHOD**	**EGGS/NEST**	**N**	**SD**	**OBSERVER**
White & Seavey Islands	6/12 - 6/17	N	3,280								0.57	70	0.52	2	2.19	70	0.78	
White & Seavey Islands	thru 6/18	N		1							0.00	1	0.00	3	1.00	1	0.00	
White & Seavey Islands	thru 6/18	N			96						0.91	94	0.50	3	1.64	94	0.50	
2020 NH TOTAL			**3,280**	**1**	**96**	**0**	**0**											
2019 NH TOTAL			**2,900**	**1**	**80**	**0**	**0**	**0**	**0**	**0**								
2018 NH TOTAL			**2,175**	**1**	**55**	**0**	**0**	**-**	**-**	**-**								

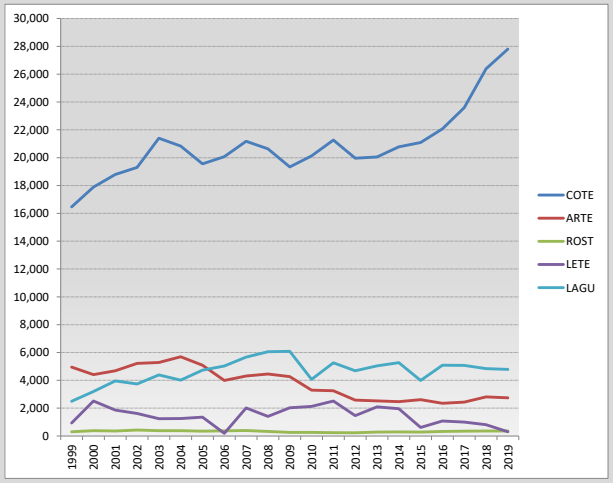
2017 NH TOTAL			**3,210**	**2**	**92**	**0**	**0**			
2016 NH TOTAL			**2,985**	**3**	**83**	**0**	**0**			
2015 NH TOTAL			**2,262**	**2**	**68**	**0**	**0**			
2014 NH TOTAL			**2,548**	**3**	**69**	**0**	**0**			
2013 NH TOTAL			**2,269**	**2**	**51**	**0**	**0**			
2012 NH TOTAL			**2,044**	**4**	**51**	**0**	**0**			
2011 NH Total			**2,447**	**3**	**42**	**0**	**0**			
2010 NH Total			**2,251**	**6**	**48**	**0**	**0**			
2009 NH Total			**1,993**	**6**	**34**	**0**	**0**			
2008 NH Total			**2,011**	**6**	**40**	**0**	**0**			
2007 NH Total			**2,121**	**5**	**52**	**0**	**0**			

MASSACHUSETTS

ISLAND NAME	DATE	METHOD	COTE	ARTE	ROST	LETE	LAGU				FLEDGE/NEST	N	SD	METHOD	EGGS/NEST	N	SD	OBSERVER
North Monomoy	NO CENSUS		no census		no census	no census												FWS
Minimoy	6/17	N	2															FWS
Minimoy	6/17	N			0													
Minimoy	6/17	N				0												
South Monomoy	NO CENSUS		no census															FWS
South Monomoy	NO CENSUS				no census													FWS
South Monomoy	NO CENSUS					no census												FWS
South Monomoy	NO CENSUS						no census											FWS
LOWER CAPE (GOM only)			2	0	0	0	0	0	0	0								
2020 MASSACHUSETTS Totals (GOM only)*											***Not all colonies censused in 2020 due to COVID-19**							
2019 MASSACHUSETTS Totals (GOM only)			**14,344**	**0**	**12**	**12**	**3,659**	**0**	**0**	**0**								
2018 MASSACHUSETTS Totals (GOM only)			**13,472**	**0**	**30**	**499**	**3,272**	**0**	**0**	**0**								
2017 MASSACHUSETTS Totals (GOM only)			**11,723**	**0**	**11**	**751**	**2,714**											
2016 MASSACHUSETTS Totals (GOM only)			**10,505**	**0**	**12**	**839**	**2,738**											
2015 MASSACHUSETTS Totals (GOM only)			**9,207**	**0**	**11**	**532**	**1,424**											
2014 MASSACHUSETTS Totals (GOM only)			**9,636**	**0**	**8**	**1,713**	**2,089**											
2013 MASSACHUSETTS Totals (GOM only)			**9,104**	**0**	**8**	**1,872**	**1,863**											
2012 MASSACHUSETTS Totals (GOM only)			**9,200**	**0**	**8**	**1,268**	**1,253**											
2011 MASSACHUSETTS Totals (GOM only)			**10,147**	**0**	**12**	**2,438**	**1,581**											
2010 MASSACHUSETTS Totals (GOM only)			**9,413**	**2**	**9**	**1,892**	**1,249**											
2009 MASSACHUSETTS Totals (GOM only)			**8,862**	**4**	**0**	**1,846**	**1,618**											
2008 MASSACHUSETTS Totals			**10,690**	**2**	**31**	**1,242**	**1,582**											
2007 MASSACHUSETTS Totals			**10,740**	**1**	**45**	**1,853**	**1,498**											

	Year		COTE	ARTE	ROST	LETE	LAGU	ATPU	RAZO	COMU
2020 GULF OF MAINE TOTALS	**2020**		**Not tallied due to numerous incomplete censuses in GoM in 2020**							
2019 GULF OF MAINE TOTALS	**2019**		**27,802**	**2,746**	**358**	**308**	**4,786**	**1,186**	**465**	**6**
2018 GULF OF MAINE TOTALS	**2018**		**26,388**	**2,807**	**358**	**818**	**4,840**			
2017 GULF OF MAINE TOTALS	**2017**		**23,598**	**2,435**	**348**	**1,004**	**5,074**			
2016 GULF OF MAINE TOTALS	**2016**		**22,072**	**2,351**	**323**	**1,077**	**5,080**			
2015 GULF OF MAINE TOTALS	**2015**		**21,088**	**2,608**	**279**	**613**	**3,987**			
2014 GULF OF MAINE TOTALS	**2014**		**20,783**	**2,464**	**295**	**1,962**	**5,272**			
2013 GULF OF MAINE TOTALS	**2013**		**20,047**	**2,525**	**282**	**2,096**	**5,040**			
2012 GULF OF MAINE TOTALS	**2012**		**19,965**	**2,580**	**233**	**1,460**	**4,686**			
2011 GULF OF MAINE TOTALS	**2011**		**21,266**	**3,247**	**243**	**2,513**	**5,256**			
2010 GULF OF MAINE TOTALS	**2010**		**20,125**	**3,293**	**265**	**2,123**	**4,069**			
2009 GULF OF MAINE TOTALS	**2009**		**19,331**	**4,265**	**260**	**2,022**	**6,085**			
2008 GULF OF MAINE TOTALS	**2008**		**20,630**	**4,450**	**326**	**1,404**	**6,059**			
2007 GULF OF MAINE TOTALS	**2007**		**21,176**	**4,306**	**391**	**2,011**	**5,669**			
2006 GULF OF MAINE TOTALS	**2006**		**20,076**	**3,991**	**371**	**193**	**5,033**			
2005 GULF OF MAINE TOTALS	**2005**		**19,549**	**5,079**	**354**	**1,351**	**4,726**			
2004 GULF OF MAINE TOTALS	**2004**		**20,829**	**5,694**	**379**	**1,256**	**4,013**			
2003 GULF OF MAINE TOTALS	**2003**		**21,397**	**5,287**	**381**	**1,244**	**4,389**			
2002 GULF OF MAINE TOTALS	**2002**		**19,298**	**5,217**	**429**	**1,622**	**3,733**			
2001 GULF OF MAINE TOTALS	**2001**		**18,788**	**4,687**	**365**	**1,860**	**3,953**			
2000 GULF OF MAINE TOTALS	**2000**		**17,886**	**4,407**	**377**	**2,513**	**3,196**			
1999 GULF OF MAINE TOTALS	**1999**		**16,462**	**4,946**	**307**	**931**	**2,494**			

***Not all colonies censused in 2020 due to COVID-19**



Methods: N=nest count, NE=partial nest count & extrapolation NP=nesting pairs (visual estimate), VE=individual birds (visual estimate from island), VEB=individual birds (estimate from boat)
Productivity Methods: 1=feeding study, 2=fenced plot, 3=unfenced plot
Note: Productivity is expressed as the number of fledglings/nest, N=sample size, SD=standard deviation, 15-day old COTE and ARTE chicks are considered fledglings, study chicks found dead after fledge date are subracted from productivity estimate. ROST chicks were considered fledged based on survival to 10 days and weights during the first few days of life.