

RWE Renewables UK Dogger Bank South (West) Limited

RWE Renewables UK Dogger Bank South (East) Limited

Dogger Bank South Offshore Wind Farms

Environmental Statement

Volume 7

Appendix 12-7a Survey Abundancies (All) (Revision 2)

Appendix 12-7b Survey Abundancies (Sitting) (Revision 2)

Appendix 12-7c Survey Abundancies (Flying) (Revision 2)

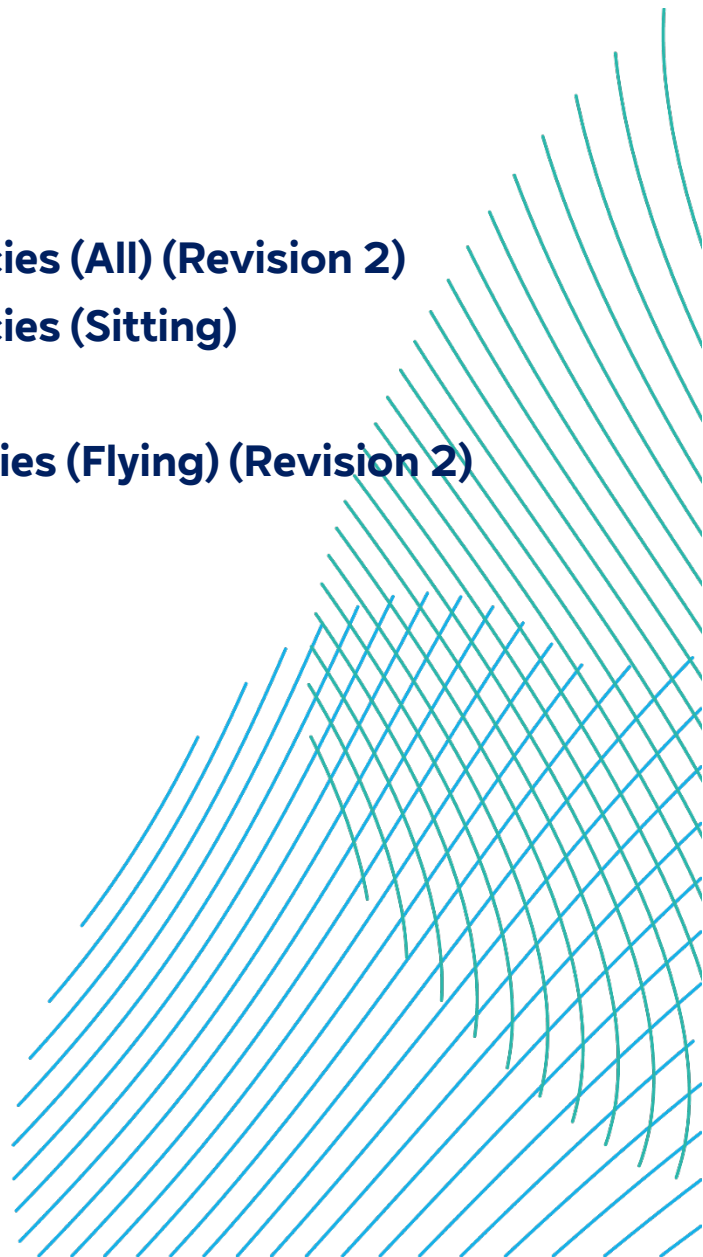
November 2024

Application Reference: 7.12.12.7

APFP Regulation: 5(2)(a)

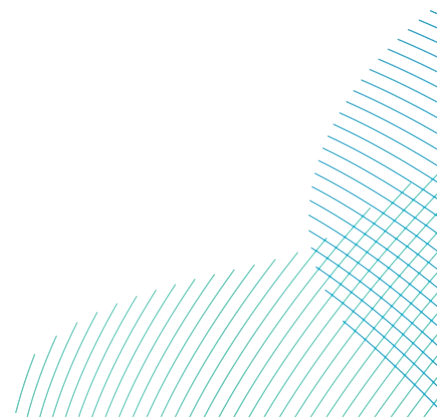
Revision: 02

Unrestricted



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Rev No.	Date	Status/Reason for Issue	Author	Checked by	Approved by
01	June 2024	Final for DCO Application	MacArthur Green	RWE	RWE
02	November 2024	Revision for Updated NE Guidance and Relevant Representations	MacArthur Green	RWE	RWE

Revision Change Log			
Rev No.	Page	Section	Description
01	N/A	N/A	Submitted for DCO Application
02	Appendix 7a, 61 - 104	Appendix 7a, Section 1	Updates to the numbers presented in Table 60 to Table 91 to reflect Updated NE Guidance and Relevant Representations received post submission.
02	Appendix 7b, 63 - 104	Appendix 7b, Section 1	Updates to the numbers presented in Table 62 to Table 91 to reflect Updated NE Guidance and Relevant Representations received post submission.
02	Appendix 7c, 61- 100	Appendix 7c, Section 1	Updates to the numbers presented in Table 60 to Table 91 to reflect Updated NE Guidance and Relevant Representations received post submission.





MacArthur
Green

Dogger Bank South Offshore Windfarm

Ornithology Technical Appendix 12-7a Seabird abundances by survey: birds in flight and on the sea

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1 INTRODUCTION

This appendix provides tables of seabird abundance in each survey for each species-specific during baseline surveys for the DBS East and West Offshore Wind Farm projects (March 2021 – February 2023).

Abundances were estimated using design-based methods and are summarised as central estimate (i.e. extrapolated from the number seen in the surveyed area to the whole area) and 95% confidence range, derived from 1,000 nonparametric bootstrap samples.

This appendix (a) provides the combined abundance in each survey for each species on the sea and in flight.

Appendix (b) provides the abundance in each survey for each species on the sea.

Appendix (c) provides the abundance in each survey for each species in flight.

Table 1. DBS - East. Abundance of Arctic skua recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		8.4 (7.77)	0-25.19	0.93
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (8.18)	0-24.91	0.98	8.31 (8.4)	0-24.93	1.01	8.31 (8.26)	0-24.92	0.99
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 2. DBS - East. Abundance of Arctic tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (14.13)	0-50.49	0.84	16.88 (11.13)	0-33.76	0.66	16.83 (10.55)	0-33.65	0.63
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	41.67 (25.32)	0-91.88	0.61	75.18 (29.53)	16.71-133.65	0.39	100.39 (28.97)	41.83-158.95	0.29
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (7.32)	0-25.14	0.87	8.43 (5.71)	0-16.85	0.68	8.49 (6.62)	0-16.98	0.78
Aug 2022	74.93 (30.38)	16.65-141.54	0.41	108.57 (30.25)	50.11-167.03	0.28	166.81 (42.03)	83.41-250.22	0.25
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 3. DBS - East. Abundance of Black-backed gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	8.45 (8.32)	0-25.34	0.98	8.46 (8.26)	0-25.39	0.98	8.46 (8.56)	0-25.39	1.01
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 4. DBS - East. Abundance of Commic tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (15.55)	0-50.49	0.92	25.32 (18.11)	0-67.53	0.72	25.24 (12.65)	0-50.48	0.50
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	66.67 (45.46)	0-166.67	0.68	100.24 (51.38)	16.71-217.18	0.51	108.76 (37.68)	33.46-175.69	0.35
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (7.69)	0-25.14	0.92	8.43 (8.27)	0-25.28	0.98	8.49 (5.77)	0-16.98	0.68
Aug 2022	274.76 (160.64)	41.42-641.1	0.58	292.31 (152.69)	50.11-634.73	0.52	500.44 (122.49)	275.24-733.98	0.24
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 5. DBS - East. Abundance of Common gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	8.38 (8.27)	0-25.13	0.99	8.4 (8.44)	0-25.21	1.00	8.4 (7.93)	0-25.19	0.94
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	16.88 (16.57)	0-50.65	0.98	25.41 (18.68)	0-67.76	0.73	25.39 (18.39)	0-67.72	0.72
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	33.3 (26.61)	0-99.91	0.80	33.41 (26.12)	0-91.87	0.78	41.7 (26.52)	0-100.09	0.64
Sep 2022	0 (0)	0-0		0 (0)	0-0		8.91 (8.54)	0-26.74	0.96
Oct 2022	0 (0)	0-0		8.36 (8.05)	0-25.09	0.96	8.36 (8.42)	0-25.08	1.01
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (8.07)	0-25.14	0.96	16.86 (12.21)	0-42.15	0.72	16.83 (11.91)	0-42.08	0.71
Feb 2023	8.32 (8.26)	0-24.97	0.99	8.34 (7.9)	0-25.03	0.95	8.3 (7.99)	0-24.89	0.96

Table 6. DBS - East. Abundance of Common scoter recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	16.75 (17.21)	0-67	1.03	16.81 (16.9)	0-50.42	1.01	16.79 (16.31)	0-50.37	0.97
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 7. DBS - East. Abundance of Common tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.19)	0-24.98	0.98	16.7 (12.02)	0-41.76	0.72	16.68 (11.7)	0-41.7	0.7
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 8. DBS - East. Abundance of Fulmar recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	8.32 (7.08)	0-24.96	0.85	16.7 (10.02)	0-33.4	0.60	58.36 (30.22)	8.34-125.06	0.52
May 2021	16.92 (10.92)	0-42.31	0.65	25.29 (12.8)	0-50.58	0.51	33.71 (14)	8.43-59	0.42
Jun 2021	16.97 (10.88)	0-42.43	0.64	33.96 (13.53)	8.49-59.43	0.40	33.89 (11.89)	8.47-59.31	0.35
Jul 2021	8.41 (7.52)	0-25.24	0.89	16.88 (10.87)	0-42.21	0.64	16.83 (10.16)	0-33.65	0.60
Aug 2021	33.5 (14.66)	8.38-67	0.44	50.42 (17.41)	16.81-84.03	0.35	83.95 (22.3)	41.98-125.93	0.27
Sep 2021	133.54 (38.91)	66.56-216.99	0.29	218.32 (51.44)	125.95-327.48	0.24	318.71 (64.27)	192.9-444.72	0.20
Oct 2021	33.21 (15.68)	8.3-66.43	0.47	33.24 (16.04)	0-66.47	0.48	33.23 (16)	0-66.45	0.48
Nov 2021	101.31 (28.93)	50.65-160.41	0.29	152.45 (35.79)	84.7-220.42	0.23	211.62 (40.4)	135.44-296.26	0.19
Dec 2021	8.48 (7.57)	0-25.43	0.89	8.49 (7.79)	0-25.47	0.92	8.45 (6.95)	0-25.36	0.82
Jan 2022	58.67 (23.75)	16.76-108.96	0.40	83.56 (26.77)	33.42-133.7	0.32	83.53 (26.85)	33.41-133.65	0.32
Feb 2022	41.94 (16.38)	16.78-75.49	0.39	50.38 (18.3)	16.79-84.17	0.36	67.09 (18.88)	33.54-100.63	0.28
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	16.67 (9.7)	0-33.33	0.58	25.06 (12.71)	0-50.12	0.51	66.93 (21.56)	25.1-108.76	0.32
Jun 2022	0 (0)	0-0		8.36 (7.47)	0-25.07	0.89	8.33 (6.78)	0-24.99	0.81
Jul 2022	16.76 (10.07)	0-41.9	0.60	33.71 (18.68)	0-75.85	0.55	33.95 (17.27)	0-67.9	0.51
Aug 2022	16.65 (10.39)	0-41.63	0.62	16.7 (10.8)	0-41.76	0.65	16.68 (10.4)	0-41.7	0.62
Sep 2022	17.9 (10.72)	0-35.8	0.60	35.89 (15.47)	8.97-62.8	0.43	71.32 (19.33)	35.66-115.89	0.27
Oct 2022	159.07 (39.38)	83.72-242.79	0.25	434.87 (121.53)	217.44-677.39	0.28	727.37 (140.73)	484.91-1011.84	0.19
Nov 2022	0 (0)	0-0		0 (0)	0-0		16.36 (10.11)	0-40.91	0.62
Dec 2022	32.42 (17.58)	0-72.96	0.54	57.03 (21.26)	16.29-97.77	0.37	105.96 (23.85)	57.05-154.86	0.23
Jan 2023	167.62 (105.96)	25.14-402.29	0.63	193.87 (103.42)	50.36-429.88	0.53	235.63 (102.67)	84.15-462.84	0.44
Feb 2023	133.19 (48.6)	58.27-241.4	0.36	175.2 (49.99)	83.43-275.32	0.29	207.44 (54.63)	107.87-323.61	0.26

Table 9. DBS - East. Abundance of Gannet recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	595.92 (120.44)	369.09-831.14	0.20	697.45 (128.08)	453.76-966.35	0.18	839.64 (135.99)	587.75-1100.14	0.16
Apr 2021	249.63 (50.05)	149.78-357.81	0.20	359.01 (51.57)	258.82-459.2	0.14	425.21 (64.32)	300.15-550.49	0.15
May 2021	126.94 (35.38)	59.24-203.1	0.28	168.61 (41.51)	92.74-252.91	0.25	210.7 (48.37)	117.99-311.83	0.23
Jun 2021	25.46 (11.88)	0-50.92	0.47	42.45 (16.44)	16.98-76.41	0.39	42.37 (17.34)	8.47-76.26	0.41
Jul 2021	25.24 (12.23)	0-50.49	0.48	42.21 (15.98)	16.88-75.97	0.38	58.89 (20.25)	25.24-100.95	0.34
Aug 2021	58.63 (20.26)	25.13-100.5	0.35	84.03 (23.04)	42.01-134.44	0.27	100.74 (29.11)	50.37-159.51	0.29
Sep 2021	208.65 (34.35)	141.88-275.42	0.16	251.91 (43)	167.94-335.87	0.17	343.87 (49.85)	251.61-436.13	0.14
Oct 2021	348.74 (55.3)	240.79-456.68	0.16	498.54 (68.57)	365.6-631.49	0.14	706.05 (89.86)	539.92-897.09	0.13
Nov 2021	84.42 (23.56)	42.21-135.08	0.28	143.98 (27.6)	93.17-203.27	0.19	177.76 (32.51)	118.51-245.48	0.18
Dec 2021	8.48 (6.89)	0-25.43	0.81	8.49 (7.23)	0-25.47	0.85	8.45 (7.76)	0-25.36	0.92
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		8.39 (7.73)	0-25.16	0.92
Mar 2022	599.67 (150.21)	304.06-903.73	0.25	812.39 (246.4)	372.14-1286.5	0.30	1607.98 (669.95)	558.35-3115.03	0.42
Apr 2022	465.55 (115.13)	249.4-690.01	0.25	700.82 (124.25)	475.55-951.11	0.18	1107.51 (152.85)	807.73-1399.17	0.14
May 2022	41.67 (15)	16.67-75	0.36	100.24 (26.92)	50.12-158.71	0.27	142.22 (43.8)	66.93-234.25	0.31
Jun 2022	16.68 (9.62)	0-33.35	0.58	25.07 (12.49)	0-50.15	0.50	49.98 (18.19)	16.66-83.3	0.36
Jul 2022	108.95 (25.13)	58.67-159.24	0.23	151.69 (36.14)	84.27-227.54	0.24	254.64 (51.76)	161.27-356.49	0.20
Aug 2022	174.85 (50.02)	83.26-274.76	0.29	208.79 (52.14)	116.92-317.37	0.25	241.88 (54.71)	141.79-350.31	0.23
Sep 2022	26.85 (12.65)	0-53.69	0.47	53.83 (17.89)	17.94-89.72	0.33	115.89 (30.3)	62.4-178.29	0.26
Oct 2022	611.17 (149.93)	343.05-912.57	0.25	1053.73 (238.64)	643.94-1572.23	0.23	1237.37 (254.06)	785.9-1747.57	0.21
Nov 2022	418.48 (113.58)	221.55-648.23	0.27	482.78 (118.81)	269.82-736.65	0.25	564.58 (130.33)	327.29-826.41	0.23
Dec 2022	81.06 (47.67)	8.11-186.44	0.59	89.62 (52.66)	8.15-211.83	0.59	146.71 (54.28)	57.05-252.87	0.37
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	141.51 (94.53)	8.32-358.15	0.67	150.17 (99.95)	16.69-375.44	0.67	157.66 (100.96)	24.89-381.69	0.64

Table 10. DBS - East. Abundance of Great black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.34 (8.01)	0-25.01	0.96
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	8.44 (8.31)	0-25.33	0.98	16.94 (11.77)	0-42.35	0.69	33.86 (16.19)	8.46-67.72	0.48
Dec 2021	8.48 (8.37)	0-25.43	0.99	8.49 (8.84)	0-25.47	1.04	16.91 (11.89)	0-42.27	0.70
Jan 2022	67.05 (26.37)	16.76-125.72	0.39	83.56 (28.63)	33.42-142.05	0.34	175.42 (55.7)	75.18-300.71	0.32
Feb 2022	8.39 (8.29)	0-25.16	0.99	16.79 (11.67)	0-41.98	0.70	33.54 (15.98)	8.39-67.09	0.48
Mar 2022	84.46 (35.39)	25.34-160.48	0.42	118.47 (39.42)	50.77-203.1	0.33	186.19 (56.78)	84.63-304.67	0.30
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.65 (11.7)	0-41.63	0.70	16.7 (12.05)	0-41.76	0.72	33.36 (20.07)	0-83.41	0.60
Sep 2022	0 (0)	0-0		8.97 (8.82)	0-26.92	0.98	8.91 (8.84)	0-26.74	0.99
Oct 2022	0 (0)	0-0		50.18 (42.22)	0-142.17	0.84	50.16 (44.2)	0-167.21	0.88
Nov 2022	0 (0)	0-0		0 (0)	0-0		32.73 (19.99)	0-81.82	0.61
Dec 2022	0 (0)	0-0		24.44 (17.78)	0-65.18	0.73	57.05 (26.46)	16.3-114.11	0.46
Jan 2023	117.34 (63.34)	16.76-259.81	0.54	126.44 (59.84)	33.72-261.3	0.47	176.72 (72.81)	50.49-336.61	0.41
Feb 2023	41.62 (27.72)	0-108.22	0.67	50.06 (28.22)	8.34-108.46	0.56	66.38 (33.71)	8.3-141.06	0.51

Table 11. DBS - East. Abundance of Great skua recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		8.4 (8.48)	0-25.21	1.01	8.4 (8.67)	0-25.39	1.03
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	8.21 (8.04)	0-24.62	0.98	8.18 (8)	0-24.55	0.98	8.18 (7.87)	0-24.55	0.96
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 12. DBS - East. Abundance of Guillemot recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3751.78 (493.09)	2778.17- 4692.04	0.13	5050.23 (595.38)	3948.8- 6176.44	0.12	6490.42 (613.37)	5289.31- 7632.33	0.09
Apr 2021	1531.08 (283.66)	981.68- 2071.95	0.19	2730.15 (457.54)	1928.22- 3648.76	0.17	5386.06 (1370.04)	3193.07- 8422.18	0.25
May 2021	126.94 (35.04)	67.7-203.1	0.28	177.04 (41.24)	101.17-261.34	0.23	328.69 (55.05)	219.12-438.25	0.17
Jun 2021	118.81 (33.66)	59.41-186.71	0.28	169.8 (40.59)	93.39-254.71	0.24	237.26 (53.63)	144.05- 355.89	0.23
Jul 2021	2103.63 (231.04)	1640.83- 2532.77	0.11	3317.32 (311.16)	2734.68- 4001.05	0.09	4963.45 (488.33)	4029.44- 6040.47	0.10
Aug 2021	938.04 (187.01)	594.44- 1314.93	0.20	1235.21 (209.96)	848.68- 1672.37	0.17	2174.31 (387.92)	1485.71- 3014.02	0.18
Sep 2021	742.79 (115.24)	517.45- 959.99	0.16	1419.07 (188.78)	1074.8- 1771.73	0.13	2507.73 (311.49)	1954.18- 3170.31	0.12
Oct 2021	340.43 (59.83)	232.49- 464.98	0.18	664.72 (80.92)	506.85-831.11	0.12	1162.9 (312.3)	706.05- 1869.15	0.27
Nov 2021	5166.75 (484.8)	4246.32- 6078.74	0.09	7470.18 (489.94)	6479.02- 8385.32	0.07	10183.03 (526.2)	9226.31- 11190.75	0.05
Dec 2021	593.36 (113.74)	381.45-830.71	0.19	764.01 (123.38)	534.59- 1018.67	0.16	1200.5 (127.45)	963.78- 1454.13	0.11
Jan 2022	259.82 (54.64)	159.24- 368.77	0.21	434.51 (69.5)	309.17- 576.57	0.16	668.25 (90.33)	492.84- 860.58	0.14
Feb 2022	1182.74 (162.37)	863.56-1501.7	0.14	1628.87 (186.21)	1242.64- 1973.11	0.11	2121.68 (198.23)	1735.92- 2540.99	0.09
Mar 2022	1807.46 (480.58)	962.64- 2804.31	0.27	2394.87 (527.5)	1446.87- 3545.77	0.22	3080.54 (601.32)	1988.6- 4358.89	0.20
Apr 2022	1089.05 (163.28)	781.25- 1413.27	0.15	1326.55 (209.61)	934.42- 1752.04	0.16	1956.88 (233.37)	1515.33- 2398.63	0.12
May 2022	2166.77 (262.98)	1650.08- 2675.12	0.12	3341.23 (299.11)	2764.45- 3934.51	0.09	4877.4 (326.82)	4283.21- 5488.12	0.07
Jun 2022	133.4 (29.62)	75.04-191.77	0.22	242.37 (46.03)	150.23-334.3	0.19	433.17 (68.83)	299.89- 566.46	0.16
Jul 2022	2438.82 (368.38)	1743.21- 3159.57	0.15	3320.36 (447.67)	2460.56- 4205.23	0.13	5109.75 (672.53)	3912.95- 6578.59	0.13
Aug 2022	7118.72 (2345.4)	2771.51- 11882.84	0.33	9445.82 (2388.14)	4935.04- 13839.25	0.25	12819.56 (2774.38)	8247.22- 18937.41	0.22
Sep 2022	420.6 (78.18)	277.42-572.73	0.19	601.13 (86.39)	430.66- 753.65	0.14	936.02 (112.6)	722.07- 1158.88	0.12
Oct 2022	2118.17 (293.71)	1565.61- 2704.23	0.14	3236.44 (329.25)	2634.31- 3914.05	0.10	4498 (375.14)	3812.22- 5259.65	0.08
Nov 2022	5308.95 (730.23)	3922.02- 6859.79	0.14	7249.88 (797.77)	5825.68- 8935.93	0.11	9065.98 (795.69)	7642.26- 10686.48	0.09
Dec 2022	3056.03 (467.06)	2156.24- 3907.38	0.15	4138.75 (446.98)	3356.42- 5084.02	0.11	6055.88 (449.42)	5265.07- 6985.05	0.07
Jan 2023	1818.7 (259.7)	1374.5- 2355.09	0.14	2722.58 (309.4)	2149.41- 3371.62	0.11	4022.49 (390.83)	3281.74- 4822.15	0.10
Feb 2023	2330.79 (324.63)	1706.47- 2955.31	0.14	3637.57 (453.67)	2727.97- 4538.62	0.12	5443.29 (704.94)	4132.04- 6895.38	0.13

Table 13. DBS - East. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	6227.79 (818.5)	4611.63-7788.57	0.13	8192.96 (965.89)	6406.12-10020.02	0.12	10419.93 (984.72)	8491.64-12253.19	0.09
Apr 2021	2596.18 (480.98)	1664.59-3513.31	0.19	4466.76 (748.58)	3154.73-5969.68	0.17	8646.04 (2199.27)	5125.72-13519.81	0.25
May 2021	143.86 (39.72)	76.73-230.18	0.28	202.33 (47.14)	115.62-298.68	0.23	396.11 (66.35)	264.07-528.15	0.17
Jun 2021	152.76 (43.28)	76.38-240.05	0.28	203.76 (48.71)	112.07-305.65	0.24	305.05 (68.95)	185.21-457.57	0.23
Jul 2021	2162.53 (237.51)	1686.78-2603.69	0.11	3435.5 (322.25)	2832.1-4143.58	0.09	5140.11 (505.72)	4172.86-6255.47	0.10
Aug 2021	1273.05 (253.8)	806.74-1784.54	0.20	1747.78 (297.09)	1200.86-2366.34	0.17	3190.1 (569.16)	2179.8-4422.11	0.18
Sep 2021	934.75 (145.02)	651.17-1208.08	0.16	1696.16 (225.64)	1284.67-2117.69	0.13	3010.95 (374)	2346.33-3806.49	0.12
Oct 2021	498.2 (87.56)	340.23-680.46	0.18	1038.63 (126.44)	791.96-1298.61	0.12	1777.58 (477.38)	1079.24-2857.14	0.27
Nov 2021	7429.32 (697.09)	6105.82-8740.68	0.09	11078.22 (726.58)	9608.35-12435.37	0.07	15016.37 (775.95)	13605.54-16502.4	0.05
Dec 2021	1263.02 (242.11)	811.94-1768.22	0.19	1629.88 (263.21)	1140.46-2173.17	0.16	2451.73 (260.28)	1968.29-2969.7	0.11
Jan 2022	502.87 (105.75)	308.21-713.76	0.21	869.03 (139)	618.35-1153.13	0.16	1286.39 (173.89)	948.71-1656.62	0.14
Feb 2022	2751.33 (377.71)	2008.86-3493.31	0.14	3837.07 (438.65)	2927.25-4648	0.11	4964.57 (463.84)	4061.92-5945.71	0.09
Mar 2022	4214.6 (1120.6)	2244.67-6539.03	0.27	5856.01 (1289.86)	3537.92-8670.21	0.22	8031.42 (1567.73)	5184.57-11364.24	0.20
Apr 2022	1247.01 (186.97)	894.56-1618.25	0.15	1618.55 (255.75)	1140.11-2137.71	0.16	2323.27 (277.06)	1799.05-2847.74	0.12
May 2022	2266.77 (275.12)	1726.23-2798.59	0.12	3491.59 (312.57)	2888.85-4111.56	0.09	5078.19 (340.27)	4459.53-5714.05	0.07
Jun 2022	141.74 (31.47)	79.73-203.75	0.22	267.44 (50.8)	165.77-368.89	0.19	458.16 (72.8)	317.19-599.14	0.16
Jul 2022	2631.58 (397.5)	1880.99-3409.3	0.15	3632.17 (489.71)	2691.63-4600.13	0.13	5551.13 (730.63)	4250.95-7146.85	0.13
Aug 2022	7593.3 (2501.76)	2956.28-12675.03	0.33	9963.63 (2519.06)	5205.58-14597.91	0.25	13578.55 (2938.64)	8735.51-20058.62	0.22
Sep 2022	599.58 (111.45)	395.47-816.45	0.19	816.46 (117.34)	584.92-1023.62	0.14	1203.45 (144.77)	928.38-1489.99	0.12
Oct 2022	2260.5 (313.44)	1670.81-2885.94	0.14	3453.88 (351.37)	2811.3-4177.01	0.10	4773.9 (398.15)	4046.06-5582.27	0.08
Nov 2022	5973.6 (821.65)	4413.03-7718.59	0.14	8141.79 (895.91)	6542.38-10035.27	0.11	10268.78 (901.26)	8656.17-12104.27	0.09
Dec 2022	3518.08 (537.67)	2482.25-4498.15	0.15	4847.55 (523.53)	3931.24-5954.71	0.11	7522.98 (558.3)	6540.59-8677.25	0.07
Jan 2023	2220.99 (317.14)	1678.54-2876.03	0.14	3312.62 (376.46)	2615.22-4102.31	0.11	4990.24 (484.86)	4071.28-5982.29	0.10
Feb 2023	2846.89 (396.51)	2084.33-3609.71	0.14	4305.01 (536.92)	3228.51-5371.39	0.12	6347.73 (822.08)	4818.62-8041.11	0.13

Table 14. DBS - East. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	7940.01 (1043.53)	5879.52- 9929.9	0.13	10470.19 (1234.35)	8186.69- 12805.07	0.12	13325.08 (1259.27)	10859.17- 15669.47	0.09
Apr 2021	3361.72 (622.81)	2155.43- 4549.28	0.19	5802.61 (972.45)	4098.2-7755	0.17	11272.37 (2867.32)	6682.72- 17626.6	0.25
May 2021	186.17 (51.4)	99.29-297.87	0.28	252.91 (58.92)	144.52-373.35	0.23	505.67 (84.7)	337.11-674.23	0.17
Jun 2021	203.68 (57.71)	101.84- 320.07	0.28	263.2 (62.91)	144.76- 394.79	0.24	398.26 (90.02)	241.8-597.39	0.23
Jul 2021	2827.28 (310.52)	2205.28- 3404.05	0.11	4490.63 (421.22)	3701.91- 5416.18	0.09	6730.1 (662.15)	5463.64- 8190.47	0.10
Aug 2021	1666.69 (332.28)	1056.19- 2336.34	0.20	2293.97 (389.93)	1576.13- 3105.83	0.17	4180.71 (745.89)	2856.69- 5795.29	0.18
Sep 2021	1226.85 (190.34)	854.66- 1585.61	0.16	2225.16 (296.01)	1685.33- 2778.16	0.13	3950.3 (490.67)	3078.33- 4994.03	0.12
Oct 2021	647.65 (113.82)	442.3-884.6	0.18	1354.38 (164.87)	1032.71- 1693.39	0.12	2325.8 (624.61)	1412.09- 3738.31	0.27
Nov 2021	9708.77 (910.98)	7979.2- 11422.48	0.09	14466.06 (948.78)	12546.68- 16238.23	0.07	19629.63 (1014.34)	17785.37- 21572.2	0.05
Dec 2021	1652.94 (316.86)	1062.6- 2314.12	0.19	2139.22 (345.46)	1496.86- 2852.29	0.16	3212.61 (341.05)	2579.14- 3891.33	0.11
Jan 2022	628.59 (132.18)	385.27- 892.19	0.21	1111.35 (177.76)	790.77- 1474.68	0.16	1653.92 (223.57)	1219.77- 2129.94	0.14
Feb 2022	3598.53 (494.02)	2627.44- 4568.99	0.14	5020.94 (573.99)	3830.41- 6082.06	0.11	6499.22 (607.22)	5317.54- 7783.65	0.09
Mar 2022	5456.17 (1450.72)	2905.92- 8465.36	0.27	7590.81 (1671.98)	4586.01- 11238.7	0.22	10434.92 (2036.89)	6736.11- 14765.12	0.20
Apr 2022	1587.85 (238.07)	1139.07- 2060.57	0.15	2052.39 (324.31)	1445.71- 2710.71	0.16	2931.16 (349.55)	2269.77- 3592.85	0.12
May 2022	2975.14 (361.1)	2265.68- 3673.15	0.12	4577.49 (409.79)	3787.3- 5390.28	0.09	6651.01 (445.66)	5840.73- 7483.81	0.07
Jun 2022	183.43 (40.73)	103.18- 263.68	0.22	342.66 (65.08)	212.39- 472.64	0.19	591.45 (93.98)	409.46- 773.43	0.16
Jul 2022	3436.14 (519.03)	2456.07- 4451.63	0.15	4744.57 (639.7)	3515.98- 6008.99	0.13	7231.74 (951.82)	5537.93- 9310.57	0.13
Aug 2022	9957.88 (3280.82)	3876.87- 16622.08	0.33	13062.13 (3302.43)	6824.41- 19137.57	0.25	17798.91 (3852)	11450.6- 26293.06	0.22
Sep 2022	787.51 (146.38)	519.42- 1072.35	0.19	1067.67 (153.44)	764.9- 1338.58	0.14	1577.86 (189.81)	1217.2- 1953.54	0.12
Oct 2022	2921.91 (405.15)	2159.67- 3730.34	0.14	4465.79 (454.32)	3634.94- 5400.78	0.10	6170.12 (514.59)	5229.41- 7214.91	0.08
Nov 2022	7811.63 (1074.47)	5770.89- 10093.54	0.14	10637.52 (1170.54)	8547.84- 13111.4	0.11	13394.41 (1175.59)	11290.96- 15788.6	0.09
Dec 2022	4604.31 (703.68)	3248.66- 5886.98	0.15	6338.47 (684.55)	5140.34- 7786.15	0.11	9837.75 (730.08)	8553.08- 11347.17	0.07
Jan 2023	2883.1 (411.69)	2178.93- 3733.42	0.14	4281.96 (486.61)	3380.49- 5302.73	0.11	6454.5 (627.13)	5265.88- 7737.63	0.10
Feb 2023	3729.26 (519.41)	2730.35- 4728.5	0.14	5631.56 (702.36)	4223.34- 7026.53	0.12	8305.99 (1075.68)	6305.15- 10521.76	0.13

Table 15. DBS - East. Abundance of Herring gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	25.18 (13.94)	0-58.75	0.55	33.61 (16.23)	8.4-67.22	0.48	33.59 (17.06)	8.4-67.17	0.51
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.34 (8.13)	0-25.01	0.98
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	8.44 (8.28)	0-25.33	0.98	8.47 (8.33)	0-25.41	0.98	25.39 (18.47)	0-67.72	0.73
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		8.34 (8.21)	0-25.02	0.98
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		8.18 (7.7)	0-24.55	0.94	8.18 (8.26)	0-24.55	1.01
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	16.76 (16.05)	0-50.29	0.96	16.86 (16.2)	0-50.57	0.96	16.83 (17)	0-50.49	1.01
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 16. DBS - East. Abundance of Kittiwake recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	7889.65 (1269.24)	5404.41- 10399.24	0.16	9747.53 (1393.25)	7192.16- 12583.55	0.14	11729.77 (1411.05)	9050.9- 14601.34	0.12
Apr 2021	1422.9 (534.69)	648.84- 2621.97	0.38	1911.94 (541.87)	1077.03- 3080.81	0.28	2342.85 (550.48)	1475.75- 3427.36	0.23
May 2021	575.44 (109.55)	372.34-787	0.19	767.17 (132.42)	522.69- 1045.59	0.17	1129.33 (162.99)	825.93- 1474.88	0.14
Jun 2021	50.92 (19.47)	16.97-93.35	0.38	76.41 (25.84)	33.96-127.35	0.34	482.99 (303.77)	84.74- 1160.88	0.63
Jul 2021	50.49 (19.55)	16.83-92.56	0.39	59.09 (20.43)	25.32-101.29	0.35	807.61 (614.22)	75.71-2195.69	0.76
Aug 2021	192.63 (154.93)	0-544.4	0.80	294.1 (200.46)	16.81-747.85	0.68	352.59 (209.85)	58.77-823.13	0.60
Sep 2021	333.84 (78.63)	183.61-492.41	0.24	612.97 (141.16)	361.06- 890.27	0.23	838.71 (191.48)	494.84- 1241.49	0.23
Oct 2021	398.56 (81.7)	248.89- 556.32	0.21	1279.59 (582.94)	398.83- 2193.59	0.46	1935.4 (645.08)	897.09-3307	0.33
Nov 2021	548.76 (100.01)	363.02-751.37	0.18	745.32 (108.12)	508.18- 948.59	0.15	973.44 (114.69)	770.08- 1210.45	0.12
Dec 2021	118.67 (49.1)	42.17-220.6	0.41	144.31 (49.18)	59.21-246.18	0.34	169.08 (54.43)	76.09-287.66	0.32
Jan 2022	670.5 (120.53)	460.76- 913.55	0.18	1061.22 (146.96)	785.26- 1353.68	0.14	1369.92 (169.48)	1044.14- 1695.69	0.12
Feb 2022	335.53 (63.39)	218.09- 452.96	0.19	436.6 (73.17)	302.05- 587.74	0.17	637.34 (80.55)	478.01- 796.68	0.13
Mar 2022	3614.93 (1000.05)	1908.39- 5701.32	0.28	5432.89 (1208.01)	3249.16- 8048.21	0.22	7582.88 (1229.43)	5272.47-10122	0.16
Apr 2022	1363.39 (197.55)	1022.34- 1770.75	0.14	1977.3 (265.15)	1518.44- 2519.81	0.13	3264.24 (445.11)	2447.97- 4222.07	0.14
May 2022	491.69 (96.33)	316.68-691.7	0.20	726.72 (104.74)	534.6-944.11	0.14	1121.05 (149.53)	844.97- 1438.96	0.13
Jun 2022	125.07 (29.03)	75.04-183.43	0.23	225.65 (43.45)	150.44- 325.95	0.19	358.2 (64.65)	249.7-499.81	0.18
Jul 2022	486.09 (127.67)	251.42- 745.89	0.26	834.3 (239.77)	421.15- 1348.58	0.29	1120.41 (266.43)	644.87- 1638.18	0.24
Aug 2022	4587.62 (3043.33)	457.72- 11790.43	0.66	5762.7 (3178.33)	1193.67- 12753.32	0.55	6455.65 (3133.2)	1701.49- 13445.1	0.49
Sep 2022	223.72 (56.26)	125.29- 340.06	0.25	296.08 (59.02)	188.41-421.69	0.20	1604.6 (933.38)	365.49- 3851.26	0.58
Oct 2022	385.12 (112.33)	192.56- 627.92	0.29	1204.26 (565.36)	443.23- 2450.33	0.47	1789.17 (608.08)	886.22- 3152.15	0.34
Nov 2022	2789.87 (540.88)	1805-3905.81	0.19	4156.82 (941.28)	2536.64- 6112.48	0.23	5343.04 (979.99)	3583.64- 7282.65	0.18
Dec 2022	2391.32 (579.87)	1321.31- 3632.17	0.24	3951.36 (685.54)	2647.01- 5361.02	0.17	8256.54 (1806.38)	5273.22- 12087.31	0.22
Jan 2023	1223.64 (448.99)	477.72- 2212.82	0.37	1635.24 (499.69)	775.26- 2655.78	0.31	2642.39 (631.92)	1455.84- 3913.09	0.24
Feb 2023	1265.28 (476.22)	599.35- 2347.64	0.38	1802.1 (467.04)	1051.02- 2853.74	0.26	2398.03 (511.79)	1601.04- 3551.41	0.21

Table 17. DBS - East. Abundance of Large gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.43 (8.17)	0-25.28	0.97
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.01)	0-24.98	0.96	8.35 (8.03)	0-25.06	0.96	25.02 (19.27)	0-66.73	0.77
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		8.15 (8.01)	0-24.44	0.98	16.3 (10.93)	0-40.75	0.67
Jan 2023	8.38 (8.03)	0-25.14	0.96	8.43 (8.42)	0-25.29	1.00	8.42 (8.52)	0-25.25	1.01
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 18. DBS - East. Abundance of Lesser black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (8.33)	0-25.18	0.99	8.4 (8.12)	0-25.21	0.97	8.4 (8.38)	0-25.19	1.00
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.46 (8.44)	0-25.39	1.00	8.43 (8.54)	0-25.29	1.01	8.43 (8.21)	0-25.28	0.97
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		8.44 (8.49)	0-25.32	1.01	16.83 (11.67)	0-42.06	0.69
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.31 (7.95)	0-24.92	0.96
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		8.43 (8.13)	0-25.28	0.96	8.49 (8.16)	0-25.46	0.96
Aug 2022	16.65 (16.84)	0-49.96	1.01	16.7 (16.13)	0-50.11	0.97	16.68 (16.76)	0-50.46	1.00
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 19. DBS - East. Abundance of Little auk recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	16.21 (11.97)	0-40.53	0.74	48.88 (35.21)	0-130.35	0.72	65.2 (37.85)	8.15-146.71	0.58
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 20. DBS - East. Abundance of Little gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		201.52 (166.36)	0-587.78	0.83	251.61 (167.11)	16.77-637.42	0.66
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 21. DBS - East. Abundance of Manx shearwater recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (8.19)	0-25.14	0.98	8.43 (8.68)	0-25.28	1.03	8.49 (8.31)	0-25.46	0.98
Aug 2022	8.33 (8.18)	0-24.98	0.98	8.35 (8.42)	0-25.06	1.01	8.34 (7.83)	0-25.02	0.94
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 22. DBS - East. Abundance of Puffin recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	41.97 (19.27)	8.39-83.93	0.46	58.82 (17.27)	33.4-92.43	0.29	100.76 (32.2)	41.98-167.93	0.32
Apr 2021	49.93 (18.65)	16.64-91.53	0.37	58.44 (19.01)	25.05-91.84	0.33	83.38 (25.01)	41.69-133.4	0.30
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		16.79 (7.67)	8.4-33.59	0.46	16.77 (11.07)	0-41.94	0.66
Oct 2021	182.67 (56.36)	83.03-298.92	0.31	249.27 (57)	149.36-365.6	0.23	348.87 (70.99)	224.27-490.08	0.20
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.25)	0-16.63	0.75	8.34 (6.73)	0-25.03	0.81	8.33 (7.49)	0-24.98	0.90
May 2022	83.34 (17.68)	50-116.67	0.21	108.59 (27.77)	58.47-167.06	0.26	142.22 (37.84)	75.29-225.88	0.27
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		76.39 (61.09)	0-212.2	0.80
Aug 2022	8.33 (7.38)	0-24.98	0.89	8.35 (7.54)	0-25.06	0.90	8.34 (8.1)	0-25.02	0.97
Sep 2022	8.95 (7.6)	0-26.85	0.85	8.97 (8.18)	0-26.92	0.91	8.91 (8.59)	0-26.74	0.96
Oct 2022	8.37 (7.19)	0-25.12	0.86	16.73 (10.38)	0-41.81	0.62	25.08 (13.62)	0-58.52	0.54
Nov 2022	0 (0)	0-0		8.18 (7.14)	0-24.55	0.87	24.55 (12.72)	0-49.09	0.52
Dec 2022	24.32 (15.38)	0-56.74	0.63	32.59 (17.42)	0-65.18	0.53	65.2 (25.44)	16.3-114.31	0.39
Jan 2023	25.14 (11.71)	8.38-50.29	0.47	42.15 (16.35)	16.86-75.86	0.39	42.08 (17.41)	8.42-75.95	0.41
Feb 2023	49.95 (20.5)	16.44-91.57	0.41	50.06 (20.7)	16.69-91.77	0.41	66.38 (28.4)	16.6-132.76	0.43

Table 23. DBS - East. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	41.97 (19.27)	8.39-83.93	0.46	58.82 (17.27)	33.4-92.43	0.29	100.76 (32.2)	41.98-167.93	0.32
Apr 2021	49.93 (18.65)	16.64-91.53	0.37	58.44 (19.01)	25.05-91.84	0.33	83.38 (25.01)	41.69-133.4	0.30
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		16.79 (7.67)	8.4-33.59	0.46	16.77 (11.07)	0-41.94	0.66
Oct 2021	199.28 (61.48)	90.58-326.09	0.31	290.82 (66.5)	174.25-426.53	0.23	407.02 (82.83)	261.65-571.76	0.20
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.25)	0-16.63	0.75	8.34 (6.73)	0-25.03	0.81	8.33 (7.49)	0-24.98	0.90
May 2022	83.34 (17.68)	50-116.67	0.21	108.59 (27.77)	58.47-167.06	0.26	142.22 (37.84)	75.29-225.88	0.27
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		76.39 (61.09)	0-212.2	0.80
Aug 2022	8.33 (7.38)	0-24.98	0.89	8.35 (7.54)	0-25.06	0.90	8.34 (8.1)	0-25.02	0.97
Sep 2022	8.95 (7.6)	0-26.85	0.85	8.97 (8.18)	0-26.92	0.91	8.91 (8.59)	0-26.74	0.96
Oct 2022	8.37 (7.19)	0-25.12	0.86	16.73 (10.38)	0-41.81	0.62	25.08 (13.62)	0-58.52	0.54
Nov 2022	0 (0)	0-0		8.18 (7.14)	0-24.55	0.87	24.55 (12.72)	0-49.09	0.52
Dec 2022	24.32 (15.38)	0-56.74	0.63	32.59 (17.42)	0-65.18	0.53	65.2 (25.44)	16.3-114.31	0.39
Jan 2023	25.14 (11.71)	8.38-50.29	0.47	42.15 (16.35)	16.86-75.86	0.39	42.08 (17.41)	8.42-75.95	0.41
Feb 2023	49.95 (20.5)	16.44-91.57	0.41	50.06 (20.7)	16.69-91.77	0.41	66.38 (28.4)	16.6-132.76	0.43

Table 24. DBS - East. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	50.36 (23.12)	10.07-100.72	0.46	67.22 (19.73)	38.17-105.64	0.29	117.55 (37.57)	48.98-195.92	0.32
Apr 2021	58.25 (21.76)	19.42-106.79	0.37	66.79 (21.73)	28.63-104.96	0.33	100.05 (30.01)	50.03-160.08	0.30
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		16.79 (7.67)	8.4-33.59	0.46	16.77 (11.07)	0-41.94	0.66
Oct 2021	232.49 (71.73)	105.68-380.44	0.31	340.67 (77.91)	204.12-499.65	0.23	473.47 (96.35)	304.37-665.11	0.20
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.25)	0-16.63	0.75	8.34 (6.73)	0-25.03	0.81	8.33 (7.49)	0-24.98	0.90
May 2022	100 (21.21)	60-140.01	0.21	125.3 (32.04)	67.47-192.76	0.26	167.32 (44.51)	88.58-265.74	0.27
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		84.88 (67.88)	0-235.78	0.80
Aug 2022	8.33 (7.38)	0-24.98	0.89	8.35 (7.54)	0-25.06	0.90	8.34 (8.1)	0-25.02	0.97
Sep 2022	8.95 (7.6)	0-26.85	0.85	8.97 (8.18)	0-26.92	0.91	8.91 (8.59)	0-26.74	0.96
Oct 2022	8.37 (7.19)	0-25.12	0.86	16.73 (10.38)	0-41.81	0.62	25.08 (13.62)	0-58.52	0.54
Nov 2022	0 (0)	0-0		8.18 (7.14)	0-24.55	0.87	24.55 (12.72)	0-49.09	0.52
Dec 2022	24.32 (15.38)	0-56.74	0.63	40.74 (21.77)	0-81.47	0.53	73.36 (28.62)	18.34-128.6	0.39
Jan 2023	25.14 (11.71)	8.38-50.29	0.47	50.57 (19.62)	20.23-91.03	0.39	50.49 (20.89)	10.1-91.14	0.41
Feb 2023	58.27 (23.92)	19.18-106.83	0.41	58.4 (24.15)	19.47-107.07	0.41	74.68 (31.95)	18.67-149.36	0.43

Table 25. DBS - East. Abundance of Razorbill recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	1720.62 (332.34)	1099.52-2409.28	0.19	2621.75 (377.43)	1899.09-3361.43	0.14	3526.49 (374.16)	2812.58-4265.37	0.11
Apr 2021	224.67 (77.29)	91.53-399.41	0.34	392.41 (102.74)	200.38-601.13	0.26	858.77 (309.65)	358.51-1542.45	0.36
May 2021	152.32 (41.97)	76.16-236.95	0.28	244.48 (50.59)	143.32-337.22	0.21	269.69 (63.61)	143.27-396.11	0.24
Jun 2021	8.49 (7.28)	0-25.46	0.86	25.47 (15.04)	0-59.43	0.59	33.89 (15.85)	8.47-67.79	0.47
Jul 2021	16.83 (9.46)	0-33.66	0.56	16.88 (8.56)	0-33.76	0.51	16.83 (10.71)	0-42.06	0.64
Aug 2021	16.75 (10.47)	0-41.88	0.63	58.82 (11.08)	42.01-84.03	0.19	83.95 (29.16)	33.58-142.72	0.35
Sep 2021	133.54 (40.19)	66.77-216.99	0.30	184.73 (47.76)	100.76-277.1	0.26	285.16 (78.08)	142.58-452.9	0.27
Oct 2021	33.21 (16.9)	0-66.43	0.51	249.27 (126.16)	33.24-465.31	0.51	390.4 (194.61)	66.45-814.03	0.50
Nov 2021	1435.21 (216.81)	1055.3-1882.66	0.15	1931.07 (173.75)	1592.28-2270.06	0.09	2463.23 (219.89)	2031.53-2903.6	0.09
Dec 2021	33.91 (15.42)	8.48-67.81	0.45	67.91 (25.81)	16.98-118.85	0.38	135.27 (54.92)	42.27-253.63	0.41
Jan 2022	150.86 (40.61)	67.05-226.5	0.27	242.33 (57.64)	133.7-350.95	0.24	342.48 (66.32)	225.54-484.48	0.19
Feb 2022	276.81 (58.46)	176.15-402.63	0.21	352.64 (71.27)	218.3-495.38	0.20	377.37 (73.32)	242.99-519.94	0.19
Mar 2022	464.53 (181.62)	160.48-853.27	0.39	693.92 (284.78)	203.1-1320.14	0.41	871.69 (309)	338.52-1531.81	0.35
Apr 2022	174.58 (58.53)	74.82-290.97	0.34	233.61 (65.49)	108.46-358.96	0.28	358.07 (83.69)	208.18-532.94	0.23
May 2022	216.68 (65.67)	100-350.02	0.30	317.42 (74.22)	183.56-467.77	0.23	493.6 (103.07)	301.18-702.75	0.21
Jun 2022	0 (0)	0-0		8.36 (6.61)	0-16.92	0.79	58.31 (22.92)	16.66-108.29	0.39
Jul 2022	134.09 (41.09)	58.67-217.9	0.31	294.96 (79.71)	143.26-455.07	0.27	466.84 (107.01)	237.66-653.79	0.23
Aug 2022	5370.26 (1974.57)	2031.33-9566.76	0.37	7249.31 (2253.08)	3322.95-12235.51	0.31	8515.79 (2294.82)	4236.63-13120.24	0.27
Sep 2022	187.93 (40.79)	116.34-268.47	0.22	403.74 (61.63)	286.88-520.38	0.15	659.67 (102.05)	463.55-855.79	0.15
Oct 2022	1833.52 (863.51)	611.17-3792.62	0.47	3010.64 (868.62)	1588.95-4884.56	0.29	4063.25 (937.73)	2557.72-6086.51	0.23
Nov 2022	1739.56 (202.93)	1345.5-2141.63	0.12	2413.9 (225.71)	1963.65-2847.79	0.09	3109.27 (285.79)	2569.24-3706.78	0.09
Dec 2022	875.47 (206.39)	518.8-1297.19	0.24	1116.16 (220.97)	749.54-1596.84	0.20	1890.93 (274.06)	1401.9-2485.93	0.14
Jan 2023	1382.88 (376.97)	695.63-2179.3	0.27	1930.25 (444.99)	1137.5-2840.59	0.23	2625.56 (474.19)	1682.84-3576.69	0.18
Feb 2023	1523.34 (309.53)	948.96-2173.04	0.20	2077.42 (354.11)	1401.63-2778.23	0.17	3443.54 (541.98)	2389.74-4563.73	0.16

Table 26. DBS - East. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	2862.1 (552.83)	1828.95-4007.64	0.19	4251.94 (612.11)	3079.93-5451.54	0.14	5667.57 (601.33)	4520.22-6855.06	0.11
Apr 2021	374.45 (128.81)	152.55-665.69	0.34	634.53 (166.13)	324.02-972.05	0.26	1375.7 (496.03)	574.32-2470.91	0.36
May 2021	169.25 (46.63)	84.62-263.27	0.28	286.64 (59.31)	168.03-395.36	0.21	320.26 (75.54)	170.14-470.38	0.24
Jun 2021	8.49 (7.28)	0-25.46	0.86	33.96 (20.05)	0-79.24	0.59	42.37 (19.81)	10.59-84.74	0.47
Jul 2021	16.83 (9.46)	0-33.66	0.56	16.88 (8.56)	0-33.76	0.51	16.83 (10.71)	0-42.06	0.64
Aug 2021	25.13 (15.71)	0-62.81	0.63	84.03 (15.83)	60.02-120.04	0.19	117.53 (40.82)	47.01-199.8	0.35
Sep 2021	166.92 (50.23)	83.46-271.24	0.30	218.32 (56.44)	119.08-327.48	0.26	343.87 (94.15)	171.93-546.15	0.27
Oct 2021	49.82 (25.35)	0-99.64	0.51	382.22 (193.45)	50.96-713.47	0.51	598.06 (298.12)	101.8-1247.02	0.50
Nov 2021	2059.95 (311.19)	1514.67-2702.17	0.15	2862.72 (257.57)	2360.49-3365.27	0.09	3631.35 (324.17)	2994.93-4280.57	0.09
Dec 2021	67.81 (30.84)	16.95-135.63	0.45	152.8 (58.07)	38.2-267.4	0.38	278.99 (113.27)	87.18-523.11	0.41
Jan 2022	293.34 (78.97)	130.37-440.42	0.27	484.65 (115.27)	267.39-701.91	0.24	659.9 (127.79)	434.57-933.52	0.19
Feb 2022	637.5 (134.63)	405.68-927.28	0.21	831.23 (167.99)	514.57-1167.67	0.20	880.54 (171.07)	566.97-1213.19	0.19
Mar 2022	1089.55 (425.98)	376.39-2001.3	0.39	1700.95 (698.07)	497.84-3235.96	0.41	2268.09 (803.99)	880.81-3985.68	0.35
Apr 2022	199.52 (66.89)	85.51-332.53	0.34	292.01 (81.87)	135.57-448.7	0.28	424.68 (99.25)	246.91-632.09	0.23
May 2022	225.01 (68.2)	103.85-363.48	0.30	325.77 (76.17)	188.39-480.08	0.23	518.69 (108.31)	316.49-738.48	0.21
Jun 2022	0 (0)	0-0		8.36 (6.61)	0-16.92	0.79	58.31 (22.92)	16.66-108.29	0.39
Jul 2022	142.47 (43.65)	62.33-231.52	0.31	320.24 (86.54)	155.54-494.08	0.27	509.28 (116.74)	259.27-713.22	0.23
Aug 2022	5736.6 (2109.27)	2169.9-10219.38	0.37	7658.55 (2380.27)	3510.54-12926.23	0.31	9016.23 (2429.68)	4485.59-13891.26	0.27
Sep 2022	268.47 (58.27)	166.2-383.53	0.22	538.32 (82.17)	382.51-693.84	0.15	846.87 (131.01)	595.1-1098.64	0.15
Oct 2022	1959.1 (922.65)	653.03-4052.39	0.47	3202.99 (924.12)	1690.47-5196.63	0.29	4305.71 (993.68)	2710.34-6449.7	0.23
Nov 2022	1961.11 (228.77)	1516.86-2414.39	0.12	2716.66 (254.01)	2209.93-3204.97	0.09	3526.57 (324.14)	2914.06-4204.27	0.09
Dec 2022	1005.17 (236.96)	595.65-1489.37	0.24	1303.54 (258.06)	875.37-1864.92	0.20	2347.37 (340.22)	1740.29-3085.98	0.14
Jan 2023	1684.6 (459.21)	847.41-2654.78	0.27	2351.71 (542.15)	1385.86-3460.81	0.23	3256.7 (588.18)	2087.37-4436.47	0.18
Feb 2023	1856.31 (377.19)	1156.39-2648.03	0.20	2461.2 (419.52)	1660.57-3291.48	0.17	4016.08 (632.09)	2787.06-5322.52	0.16

Table 27. DBS - East. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3441.23 (664.69)	2199.03- 4818.56	0.19	5100.65 (734.29)	3694.7- 6539.7	0.14	6809.48 (722.48)	5430.97- 8236.23	0.11
Apr 2021	449.34 (154.57)	183.06- 798.82	0.34	768.12 (201.11)	392.23- 1176.69	0.26	1659.17 (598.25)	692.66- 2980.07	0.36
May 2021	203.1 (55.96)	101.55-315.93	0.28	337.22 (69.77)	197.68- 465.13	0.21	379.25 (89.45)	201.48- 557.03	0.24
Jun 2021	8.49 (7.28)	0-25.46	0.86	42.45 (25.06)	0-99.05	0.59	50.84 (23.77)	12.71-101.68	0.47
Jul 2021	16.83 (9.46)	0-33.66	0.56	16.88 (8.56)	0-33.76	0.51	16.83 (10.71)	0-42.06	0.64
Aug 2021	33.5 (20.94)	0-83.75	0.63	100.83 (19)	72.02-144.05	0.19	142.72 (49.56)	57.09-242.62	0.35
Sep 2021	200.3 (60.28)	100.15-325.49	0.30	260.3 (67.29)	141.98- 390.45	0.26	419.35 (114.82)	209.68- 666.03	0.27
Oct 2021	58.12 (29.57)	0-116.25	0.51	465.31 (235.51)	62.04-868.57	0.51	722.66 (360.23)	123.01- 1506.82	0.50
Nov 2021	2490.51 (376.23)	1831.26- 3266.96	0.15	3464.06 (311.68)	2856.33- 4072.17	0.09	4401.64 (392.93)	3630.22- 5188.57	0.09
Dec 2021	84.77 (38.56)	21.19-169.53	0.45	186.76 (70.98)	46.69-326.82	0.38	338.17 (137.29)	105.68- 634.07	0.41
Jan 2022	352.01 (94.77)	156.45-528.51	0.27	584.92 (139.12)	322.72-847.13	0.24	785.2 (152.05)	517.08- 1110.77	0.19
Feb 2022	771.71 (162.97)	491.09- 1122.49	0.21	1007.55 (203.62)	623.72- 1415.36	0.20	1056.65 (205.29)	680.36- 1455.83	0.19
Mar 2022	1317.59 (515.13)	455.17- 2420.17	0.39	2056.37 (843.94)	601.87- 3912.13	0.41	2750.49 (974.99)	1068.15- 4833.38	0.35
Apr 2022	232.77 (78.04)	99.76-387.96	0.34	342.07 (95.9)	158.82- 525.62	0.28	499.63 (116.77)	290.48- 743.63	0.23
May 2022	275.01 (83.35)	126.93- 444.25	0.30	392.59 (91.79)	227.03- 578.56	0.23	627.45 (131.02)	382.85- 893.32	0.21
Jun 2022	0 (0)	0-0		8.36 (6.61)	0-16.92	0.79	66.64 (26.2)	19.04-123.76	0.39
Jul 2022	176 (53.93)	77-286	0.31	387.66 (104.76)	188.29-598.1	0.27	619.62 (142.03)	315.44- 867.75	0.23
Aug 2022	6943.87 (2553.17)	2626.56- 12370.05	0.37	9270.43 (2881.25)	4249.39- 15646.79	0.31	10917.89 (2942.14)	5431.68- 16821.14	0.27
Sep 2022	322.16 (69.93)	199.43- 460.23	0.22	637.01 (97.23)	452.63- 821.04	0.15	1007.33 (155.84)	707.85- 1306.81	0.15
Oct 2022	2302.36 (1084.31)	767.45- 4762.42	0.47	3679.68 (1061.65)	1942.05- 5970.02	0.29	4932.75 (1138.4)	3105.05- 7388.98	0.23
Nov 2022	2371.39 (276.63)	1834.19- 2919.49	0.12	3289.45 (307.57)	2675.88- 3880.71	0.09	4262.97 (391.83)	3522.56- 5082.19	0.09
Dec 2022	1199.71 (282.83)	710.94- 1777.63	0.24	1564.25 (309.68)	1050.45- 2237.91	0.20	2820.1 (408.73)	2090.76- 3707.46	0.14
Jan 2023	2036.61 (555.17)	1024.48- 3209.51	0.27	2849.02 (656.8)	1678.93- 4192.66	0.23	3946.75 (712.81)	2529.65- 5376.5	0.18
Feb 2023	2239.22 (455)	1394.92- 3194.26	0.20	2970.12 (506.27)	2003.94- 3972.09	0.17	4854.15 (763.99)	3368.66- 6433.21	0.16

Table 28. DBS - East. Abundance of Small gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	50.25 (49.74)	0-150.76	0.99	50.42 (47.88)	0-151.25	0.95	50.37 (48.09)	0-151.11	0.95
Sep 2021	16.69 (11.07)	0-41.73	0.66	16.79 (11.73)	0-41.98	0.70	16.77 (11.79)	0-41.94	0.70
Oct 2021	0 (0)	0-0		8.31 (8.03)	0-24.93	0.97	24.92 (14.46)	0-58.15	0.58
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	8.48 (8.12)	0-25.43	0.96	8.49 (8.24)	0-25.47	0.97	8.45 (8.16)	0-25.36	0.97
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	143.58 (53.83)	50.68-261.83	0.37	160.79 (54.88)	67.7-279.26	0.34	169.26 (55.87)	67.7-296.21	0.33
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	33.3 (31.89)	0-99.91	0.96	41.76 (35.54)	0-133.63	0.85	58.38 (36.6)	8.34-141.79	0.63
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	32.82 (15.43)	8.21-65.64	0.47	49.1 (19.43)	16.37-90.01	0.40	49.09 (19.66)	16.36-90.21	0.40
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		8.3 (8.14)	0-24.89	0.98

Table 29. DBS - East. Abundance of Tern species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	41.63 (33.82)	0-124.89	0.81	41.76 (34.78)	0-116.92	0.83	83.41 (55.77)	0-208.52	0.67
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 30. DBSouth - West. Abundance of Arctic skua recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.6)	0-25.52	1.01	8.5 (8.42)	0-25.51	0.99	8.52 (8.3)	0-25.56	0.97
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 31. DBSouth - West. Abundance of Arctic tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		8.51 (6.64)	0-25.54	0.78
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	16.65 (16.41)	0-49.94	0.99	16.86 (13.79)	0-50.57	0.82	16.81 (13.73)	0-50.42	0.82
Aug 2022	42.54 (30.11)	0-110.6	0.71	68.03 (21.54)	25.51-110.54	0.32	119.28 (40.47)	42.6-195.97	0.34
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 32. DBSouth - West. Abundance of Black-backed gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	8.26 (8.07)	0-24.78	0.98	8.39 (8.23)	0-25.17	0.98	8.37 (8.04)	0-25.12	0.96
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	8.55 (8.62)	0-25.65	1.01	8.62 (8.55)	0-25.86	0.99	8.65 (8.48)	0-25.94	0.98
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 33. DBSouth - West. Abundance of Commic tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	126.24 (107.22)	0-370.31	0.85	127.69 (111.75)	0-374.55	0.88	153.23 (95.77)	8.51-314.97	0.63
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.42 (7.97)	0-25.25	0.95	8.53 (7.62)	0-25.6	0.89	33.95 (25.22)	0-93.36	0.74
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	24.97 (16.08)	0-58.26	0.64	59 (25.83)	16.65-118.01	0.44	67.23 (23.61)	25.21-117.66	0.35
Aug 2022	93.58 (44.01)	17.02-187.38	0.47	127.55 (49.67)	42.52-229.59	0.39	417.49 (166.76)	93.72-732.75	0.40
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 34. DBSouth - West. Abundance of Common gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		9.86 (7.01)	0-19.73	0.71	9.83 (6.99)	0-19.66	0.71
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	110.6 (50.55)	25.52-212.91	0.46	136.05 (35.1)	68.03-204.08	0.26	161.89 (42.32)	76.68-238.78	0.26
Sep 2022	42.41 (37.68)	0-127.23	0.89	42.42 (29.59)	0-84.84	0.70	42.5 (29.72)	0-84.99	0.70
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 35. DBSouth - West. Abundance of Common tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.33 (8.86)	0-33.33	1.06	8.45 (8.04)	0-25.35	0.95	8.41 (8.51)	0-25.23	1.01
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.42 (8.49)	0-25.25	1.01	8.53 (8.52)	0-25.6	1.00	8.49 (8.31)	0-25.46	0.98
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 36. DBSouth - West. Abundance of Fulmar recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	68.5 (28.6)	17.12-128.43	0.42	77.96 (25.06)	25.99-129.93	0.32	77.7 (21.34)	34.53-120.86	0.27
Apr 2021	158.87 (132.37)	0-443.17	0.83	168.11 (123.99)	0-453.9	0.74	177.37 (101.28)	16.89-337.85	0.57
May 2021	41.66 (19.73)	8.33-83.32	0.47	76.06 (20.12)	42.26-118.32	0.26	100.93 (20.89)	58.87-142.98	0.21
Jun 2021	25.71 (13.57)	0-51.42	0.53	76.92 (32.16)	17.09-145.29	0.42	111.45 (34.56)	51.23-180.26	0.31
Jul 2021	8.42 (7.91)	0-25.25	0.94	17.02 (9.94)	0-34.05	0.58	25.54 (9.78)	8.51-42.56	0.38
Aug 2021	49.77 (21.24)	16.59-99.54	0.43	82.96 (27.08)	33.18-141.04	0.33	166.45 (42.88)	83.22-249.67	0.26
Sep 2021	42.55 (18.14)	8.51-76.6	0.43	93.87 (24.39)	51.2-145.08	0.26	102.63 (21.8)	59.87-145.4	0.21
Oct 2021	33.75 (18.93)	8.23-75.93	0.56	33.73 (16.82)	8.43-67.47	0.50	33.81 (13.68)	8.45-59.17	0.40
Nov 2021	59.13 (22.42)	19.71-108.41	0.38	157.83 (60.91)	59.19-286.07	0.39	275.3 (64.42)	147.48-403.36	0.23
Dec 2021	0 (0)	0-0		17.01 (14.57)	0-51.04	0.86	17.05 (11.6)	0-34.11	0.68
Jan 2022	33.63 (18.58)	0-75.67	0.55	42.42 (18.65)	8.48-84.83	0.44	42.17 (18.44)	8.43-75.9	0.44
Feb 2022	41.19 (17.9)	8.24-82.38	0.43	66.13 (21.64)	24.8-107.46	0.33	82.94 (20.34)	41.47-124.41	0.25
Mar 2022	8.26 (7.31)	0-24.78	0.88	16.78 (9.83)	0-33.56	0.59	16.75 (8.19)	0-33.5	0.49
Apr 2022	33.62 (18.75)	0-75.65	0.56	33.52 (16.63)	0-67.04	0.50	75.73 (26.7)	25.24-126.21	0.35
May 2022	42.08 (17.56)	8.42-75.74	0.42	51.2 (13.31)	25.6-76.8	0.26	84.88 (13.78)	59.41-110.34	0.16
Jun 2022	8.42 (7.53)	0-25.27	0.89	25.28 (14.92)	0-58.98	0.59	42.21 (15.57)	16.89-67.54	0.37
Jul 2022	49.94 (23.2)	8.32-99.87	0.46	59 (22.24)	16.86-101.15	0.38	58.83 (14.92)	33.62-92.44	0.25
Aug 2022	17.02 (14.85)	0-51.05	0.87	17.01 (14.25)	0-51.02	0.84	34.08 (16.13)	0-68.16	0.47
Sep 2022	25.45 (13.85)	0-59.37	0.54	33.94 (12.21)	8.48-59.39	0.36	59.49 (12.61)	34-84.99	0.21
Oct 2022	76.14 (27.7)	25.38-135.37	0.36	143.49 (36.69)	75.97-219.46	0.26	177.5 (24.04)	135.03-219.77	0.14
Nov 2022	16.85 (10.85)	0-42.13	0.64	25.66 (12.76)	0-51.33	0.50	34.02 (11.94)	8.5-59.53	0.35
Dec 2022	17.1 (10.94)	0-42.75	0.64	25.86 (10.46)	8.62-43.1	0.40	138.33 (72.43)	25.94-250.94	0.52
Jan 2023	57.5 (19.21)	24.64-98.57	0.33	90.87 (21.36)	49.57-132.18	0.24	116.07 (24.02)	66.33-165.82	0.21
Feb 2023	335.01 (83.89)	184.25-510.89	0.25	510.85 (89.7)	343.36-686.71	0.18	672.23 (81.75)	520.76-832.09	0.12

Table 37. DBSouth - West. Abundance of Gannet recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	85.62 (26.03)	34.25-136.99	0.30	112.61 (30.4)	60.63-173.24	0.27	164.03 (34.94)	103.6-233.09	0.21
Apr 2021	434.81 (91.36)	259.21-610.41	0.21	588.39 (97.33)	411.88-790.13	0.17	675.71 (96.31)	489.89-861.53	0.14
May 2021	224.97 (42.03)	141.65-308.29	0.19	287.34 (46.17)	194.38-380.3	0.16	555.1 (122.54)	328.02-790.81	0.22
Jun 2021	25.71 (6.95)	17.14-34.28	0.27	68.37 (24.88)	25.64-111.11	0.36	111.45 (34.7)	51.44-180.26	0.31
Jul 2021	58.91 (29.54)	8.21-117.82	0.50	76.61 (33.97)	17.02-144.71	0.44	85.13 (37.58)	25.32-161.74	0.44
Aug 2021	240.57 (39.74)	157.61-315.23	0.17	340.14 (37.75)	265.48-414.81	0.11	391.15 (43.83)	307.92-474.37	0.11
Sep 2021	178.73 (24.36)	136.18-221.29	0.14	273.09 (30.89)	213.35-333.04	0.11	419.08 (49.03)	316.45-521.71	0.12
Oct 2021	261.54 (50.12)	160.3-362.79	0.19	320.46 (72.86)	185.53-463.82	0.23	388.85 (73.26)	253.6-541.01	0.19
Nov 2021	197.11 (69.42)	59.13-315.63	0.35	226.88 (58.24)	118.37-345.25	0.26	294.96 (89.07)	137.65-471.94	0.30
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	8.26 (6.13)	0-16.52	0.74	117.44 (58.12)	8.39-234.89	0.49	301.48 (94.18)	125.61-494.09	0.31
Apr 2022	706.03 (131.47)	445.47-941.37	0.19	1022.29 (189.04)	636.63-1374.23	0.18	1304.15 (211.99)	925.53-1741.68	0.16
May 2022	117.81 (47.42)	33.66-218.8	0.40	349.87 (76.98)	204.8-494.94	0.22	534.71 (105.13)	331.01-746.9	0.20
Jun 2022	67.4 (17.48)	33.7-101.1	0.26	101.11 (15.19)	67.41-126.39	0.15	126.64 (24.85)	75.99-177.3	0.20
Jul 2022	224.72 (64.41)	99.87-349.56	0.29	354.02 (56.42)	244.44-463.6	0.16	411.8 (68.23)	285.53-546.26	0.17
Aug 2022	204.18 (45.45)	119.11-289.26	0.22	280.61 (47.81)	195.58-374.15	0.17	340.81 (66.67)	213.01-485.66	0.20
Sep 2022	305.35 (104.01)	118.75-491.96	0.34	475.09 (135.83)	237.55-729.6	0.29	671.44 (206.65)	322.97-1088.12	0.31
Oct 2022	972.94 (146.55)	685.29-1252.56	0.15	1274.53 (156.57)	995.78-1578.6	0.12	1504.55 (162.36)	1200.26-1834.41	0.11
Nov 2022	446.55 (74.16)	303.32-598.21	0.17	641.62 (112.84)	427.75-864.26	0.18	688.88 (103.91)	493.27-910	0.15
Dec 2022	128.26 (29.59)	68.41-188.11	0.23	172.41 (40.19)	94.82-249.99	0.23	276.66 (80.16)	129.68-440.92	0.29
Jan 2023	0 (0)	0-0		0 (0)	0-0		8.29 (6.46)	0-16.58	0.78
Feb 2023	33.5 (14.53)	8.38-58.84	0.43	41.87 (15.05)	16.75-67	0.36	42.01 (16.11)	16.81-75.63	0.38

Table 38. DBSouth - West. Abundance of Great black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.45 (7.95)	0-25.34	0.94
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		34.19 (34.62)	0-102.56	1.01	34.29 (34.82)	0-102.88	1.02
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.45 (8.35)	0-25.36	0.99
Nov 2021	0 (0)	0-0		9.86 (9.41)	0-29.59	0.95	9.83 (9.82)	0-29.5	1.00
Dec 2021	34.15 (33.7)	0-102.44	0.99	42.53 (34.39)	0-119.09	0.81	42.64 (33.88)	0-119.38	0.79
Jan 2022	0 (0)	0-0		42.42 (24.95)	0-101.8	0.59	75.9 (32.11)	16.87-143.37	0.42
Feb 2022	16.48 (11.03)	0-41.19	0.67	24.8 (14.19)	0-57.86	0.57	49.77 (19.7)	16.59-91.24	0.40
Mar 2022	0 (0)	0-0		0 (0)	0-0		33.5 (23.69)	0-83.74	0.71
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	17.02 (15.8)	0-51.05	0.93	17.01 (17.47)	0-51.02	1.03	17.04 (16.8)	0-51.12	0.99
Sep 2022	33.93 (21.91)	0-84.82	0.65	110.29 (74.24)	8.48-288.45	0.67	110.49 (71.53)	8.5-271.98	0.65
Oct 2022	8.46 (8.72)	0-25.38	1.03	8.44 (8.37)	0-25.32	0.99	8.45 (8.79)	0-25.36	1.04
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	25.65 (18.3)	0-68.41	0.71	25.86 (18.91)	0-68.96	0.73	69.16 (32.14)	17.29-138.54	0.46
Jan 2023	32.86 (16.71)	8.21-65.71	0.51	33.04 (15.85)	8.26-66.09	0.48	33.16 (16.66)	8.29-66.33	0.50
Feb 2023	16.75 (11.74)	0-41.88	0.70	75.37 (49.19)	8.37-184.24	0.65	75.63 (53)	8.4-193.48	0.70

Table 39. DBSouth - West. Abundance of Great northern diver recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.63)	0-25.71	1.01	8.55 (8.38)	0-25.64	0.98	8.57 (8.17)	0-25.72	0.95
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.5 (8.2)	0-25.51	0.96
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 40. DBSouth - West. Abundance of Great skua recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	8.51 (8.47)	0-25.53	0.99	8.53 (8.3)	0-25.6	0.97	8.55 (8.68)	0-25.66	1.02
Oct 2021	8.44 (8.39)	0-25.31	0.99	8.43 (8.44)	0-25.3	1.00	8.45 (8.67)	0-33.81	1.03
Nov 2021	9.86 (9.76)	0-29.57	0.99	9.86 (9.55)	0-29.59	0.97	19.66 (14.37)	0-49.16	0.73
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		17.04 (16.67)	0-51.12	0.98
Sep 2022	0 (0)	0-0		8.48 (8.29)	0-25.45	0.98	8.5 (8.49)	0-25.5	1.00
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.5 (8.38)	0-25.51	0.99
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 41. DBSouth - West. Abundance of Guillemot recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	2243.22 (309.16)	1677.71-2868.24	0.14	4001.86 (431.92)	3152.77-4807.65	0.11	7027.26 (848.84)	5369.73-8572.79	0.12
Apr 2021	3846.41 (515.1)	2834.42-4916.71	0.13	5278.73 (656.82)	4017.89-6539.79	0.12	6453.02 (735.39)	4974.49-7847.52	0.11
May 2021	491.6 (77.85)	341.62-641.58	0.16	625.39 (85.51)	473.27-794.41	0.14	1017.69 (140.95)	748.34-1295.24	0.14
Jun 2021	565.67 (78.19)	402.82-719.94	0.14	1085.41 (113)	854.66-1307.62	0.10	1397.46 (206.89)	1003.09-1817.56	0.15
Jul 2021	3181.27 (330.8)	2540.81-3795.85	0.10	4528.61 (339.33)	3890.18-5184.28	0.07	6452.55 (448.19)	5575.75-7320.84	0.07
Aug 2021	978.86 (128.2)	721.7-1219.42	0.13	1518.21 (181.41)	1194.65-1899.83	0.12	2346.89 (316.24)	1739.15-2962.95	0.13
Sep 2021	442.57 (77.72)	289.37-595.77	0.18	768.06 (103.92)	571.78-973.09	0.14	1479.61 (210.64)	1060.32-1864.48	0.14
Oct 2021	573.71 (80.48)	421.85-742.45	0.14	927.65 (133.32)	691.31-1197.51	0.14	1191.91 (137.27)	929.86-1462.41	0.12
Nov 2021	2592.04 (377.46)	1842.76-3301.65	0.15	3699.14 (370.73)	3028.36-4419.24	0.10	5437.11 (473.68)	4502.58-6361.32	0.09
Dec 2021	452.43 (110.19)	247.55-657.51	0.24	910.21 (214.76)	501.89-1327.25	0.24	1151.18 (235)	707.76-1611.87	0.20
Jan 2022	613.8 (139.75)	327.92-882.87	0.23	1297.96 (308.42)	678.67-1866.56	0.24	1720.42 (300.83)	1163.6-2310.97	0.17
Feb 2022	963.86 (143.92)	683.77-1252.4	0.15	1438.31 (243.87)	974.99-1909.48	0.17	2206.27 (251.5)	1700.32-2654.16	0.11
Mar 2022	536.87 (119.75)	321.92-776.4	0.22	1015.04 (143.91)	738-1291.87	0.14	2520.67 (582.52)	1415.26-3609.54	0.23
Apr 2022	2462.7 (317.82)	1882.75-3084.89	0.13	3795.89 (479.31)	2874.15-4734.39	0.13	5309.17 (640.87)	4055.29-6579.88	0.12
May 2022	4754.67 (499.29)	3736.41-5697.19	0.11	6647.6 (591.59)	5521.18-7817.33	0.09	9497.52 (642.06)	8224.18-10711.45	0.07
Jun 2022	1154.17 (337.7)	530.75-1802.87	0.29	1474.58 (362.59)	808.49-2157.1	0.25	1823.65 (429.69)	1088.91-2693.47	0.24
Jul 2022	3204.28 (753.89)	1822.49-4602.72	0.24	4880.41 (1022.71)	2949.74-6768.51	0.21	5983.69 (1182.96)	3798.43-8244.81	0.20
Aug 2022	12931.7 (2903.47)	7255.58-18428.1	0.22	16215.99 (3613.61)	9412.2-23197.92	0.22	21846.04 (5789.49)	10633.12-32692.8	0.27
Sep 2022	729.46 (111.39)	525.89-950.2	0.15	1153.79 (159.09)	831.41-1467.69	0.14	1614.86 (214.92)	1215.39-2065.96	0.13
Oct 2022	1370.58 (232.48)	930.64-1818.98	0.17	2000.42 (321.5)	1375.61-2599.92	0.16	2704.81 (309.72)	2112.92-3304.94	0.11
Nov 2022	2721.42 (328.93)	2097.73-3412.31	0.12	3918.17 (477.38)	2891.36-4850.87	0.12	5136.8 (479.4)	4158.77-6029.79	0.09
Dec 2022	4523.3 (789.46)	3035.48-6028.43	0.17	6973.84 (917.76)	5274.77-8802.21	0.13	8999.97 (1163.6)	6768.57-11282.39	0.13
Jan 2023	1651.06 (198.82)	1273.21-2037.34	0.12	2238.74 (246.72)	1792.44-2717.88	0.11	2976.43 (321.11)	2346.32-3606.54	0.11
Feb 2023	7705.2 (1069.09)	5728.23-9707.08	0.14	10392.8 (1121.43)	8106.34-12486.64	0.11	13713.41 (1181.18)	11493.38-15941.84	0.09

Table 42. DBSouth - West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3407.64 (469.64)	2548.58- 4357.09	0.14	6314.63 (681.54)	4974.82- 7586.1	0.11	11015.71 (1330.61)	8417.41- 13438.42	0.12
Apr 2021	6555.61 (877.91)	4830.85- 8379.78	0.13	9136.92 (1136.89)	6954.53- 11319.67	0.12	11360.36 (1294.63)	8757.44- 13815.33	0.11
May 2021	599.92 (95.01)	416.9-782.95	0.16	777.51 (106.32)	588.38- 987.65	0.14	1236.36 (171.24)	909.14- 1573.55	0.14
Jun 2021	625.66 (86.48)	445.55-796.3	0.14	1145.24 (119.23)	901.76-1379.7	0.10	1474.62 (218.32)	1058.47- 1917.92	0.15
Jul 2021	3332.76 (346.55)	2661.8- 3976.61	0.10	4715.88 (353.36)	4051.05- 5398.67	0.07	6724.95 (467.11)	5811.14- 7629.89	0.07
Aug 2021	1153.06 (151.01)	850.14- 1436.44	0.13	1916.42 (229)	1508.01- 2398.15	0.12	2987.7 (402.59)	2214.03- 3771.98	0.13
Sep 2021	536.19 (94.16)	350.59-721.8	0.18	1032.61 (139.72)	768.72- 1308.26	0.14	1915.8 (272.73)	1372.9- 2414.13	0.14
Oct 2021	987.12 (138.47)	725.82- 1277.45	0.14	1501.1 (215.74)	1118.66- 1937.78	0.14	2028.78 (233.66)	1582.73- 2489.21	0.12
Nov 2021	3686.02 (536.76)	2620.51- 4695.12	0.15	5287.31 (529.89)	4328.54- 6316.57	0.10	7845.96 (683.53)	6497.39- 9179.63	0.09
Dec 2021	947.54 (230.76)	518.46- 1377.06	0.24	2084.12 (491.73)	1149.19- 3039.02	0.24	2822.53 (576.18)	1735.33- 3952.07	0.20
Jan 2022	1496.67 (340.76)	799.59- 2152.74	0.23	2960.71 (703.51)	1548.08- 4257.71	0.24	3837.2 (670.96)	2595.28- 5154.36	0.17
Feb 2022	1952.44 (291.53)	1385.06- 2536.92	0.15	2818.76 (477.93)	1910.76- 3742.14	0.17	4271.54 (486.93)	3291.97- 5138.69	0.11
Mar 2022	1924.48 (429.27)	1153.95- 2783.09	0.22	2717.97 (385.34)	1976.14- 3459.23	0.14	6247.25 (1443.72)	3507.59- 8945.91	0.23
Apr 2022	2899.77 (374.22)	2216.89- 3632.38	0.13	4390.83 (554.44)	3324.63- 5476.43	0.13	6125.32 (739.39)	4678.69- 7591.37	0.12
May 2022	4939.81 (518.73)	3881.9- 5919.03	0.11	6937.74 (617.41)	5762.15- 8158.52	0.09	9921.9 (670.75)	8591.66- 11190.06	0.07
Jun 2022	1179.45 (345.1)	542.37- 1842.35	0.29	1508.28 (370.88)	826.97- 2206.4	0.25	1865.87 (439.63)	1114.12- 2755.82	0.24
Jul 2022	3395.7 (798.93)	1931.36- 4877.69	0.24	5166.99 (1082.77)	3122.95- 7165.97	0.21	6336.67 (1252.74)	4022.49- 8731.16	0.20
Aug 2022	13416.64 (3012.35)	7527.66- 19119.15	0.22	17151.36 (3822.05)	9955.12- 24536.03	0.22	23064.44 (6112.38)	11226.15- 34516.15	0.27
Sep 2022	882.13 (134.7)	635.96- 1149.08	0.15	1518.59 (209.39)	1094.28- 1931.74	0.14	2116.32 (281.66)	1592.81- 2707.49	0.13
Oct 2022	1751.3 (297.06)	1189.15- 2324.25	0.17	2506.86 (402.89)	1723.86- 3258.12	0.16	3338.75 (382.31)	2608.14- 4079.53	0.11
Nov 2022	3058.44 (369.66)	2357.51- 3834.88	0.12	4474.24 (545.14)	3301.71- 5539.31	0.12	5944.74 (554.81)	4812.88- 6978.18	0.09
Dec 2022	5267.2 (919.3)	3534.7- 7019.87	0.17	8258.26 (1086.79)	6246.27- 10423.38	0.13	10521.58 (1360.33)	7912.92- 13189.88	0.13
Jan 2023	1946.78 (234.43)	1501.25- 2402.24	0.12	2701.36 (297.7)	2162.83- 3279.51	0.11	3573.38 (385.51)	2816.9- 4329.86	0.11
Feb 2023	8969.86 (1244.56)	6668.41- 11300.31	0.14	12335.69 (1331.07)	9621.79- 14820.97	0.11	16267.87 (1401.2)	13634.31- 18911.39	0.09

Table 43. DBSouth - West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	4340.89 (598.26)	3246.55- 5550.37	0.14	8081.69 (872.26)	6366.95- 9708.96	0.11	14175.39 (1712.27)	10831.81- 17293.01	0.12
Apr 2021	8570.8 (1147.78)	6315.84- 10955.71	0.13	11935.99 (1485.17)	9085.04- 14787.42	0.12	14848.71 (1692.17)	11446.53- 18057.51	0.11
May 2021	783.23 (124.04)	544.28- 1022.18	0.16	1005.69 (137.52)	761.06-1277.5	0.14	1606.43 (222.49)	1181.26- 2044.55	0.14
Jun 2021	822.79 (113.73)	585.93- 1047.19	0.14	1495.65 (155.71)	1177.68- 1801.84	0.10	1929.01 (285.59)	1384.63- 2508.9	0.15
Jul 2021	4359.52 (453.31)	3481.85- 5201.73	0.10	6171.51 (462.43)	5301.47- 7065.04	0.07	8793.52 (610.8)	7598.62- 9976.81	0.07
Aug 2021	1509.76 (197.73)	1113.13- 1880.81	0.13	2513.75 (300.37)	1978.03- 3145.62	0.12	3919.8 (528.19)	2904.75- 4948.75	0.13
Sep 2021	706.41 (124.05)	461.88- 950.94	0.18	1356.9 (183.6)	1010.14- 1719.12	0.14	2514.49 (357.96)	1801.93- 3168.54	0.14
Oct 2021	1290.85 (181.08)	949.16- 1670.51	0.14	1964.92 (282.4)	1464.31- 2536.54	0.14	2662.77 (306.68)	2077.34- 3267.09	0.12
Nov 2021	4809.57 (700.38)	3419.27- 6126.26	0.15	6885.34 (690.05)	5636.8- 8225.68	0.10	10235.14 (891.68)	8475.91- 11974.92	0.09
Dec 2021	1246.31 (303.53)	681.94- 1811.27	0.24	2730.63 (644.27)	1505.67- 3981.74	0.24	3700.84 (755.47)	2275.33- 5181.86	0.20
Jan 2022	1950.71 (444.14)	1042.16- 2805.82	0.23	3851.46 (915.17)	2013.84- 5538.68	0.24	5001.01 (874.46)	3382.43- 6717.66	0.17
Feb 2022	2545.59 (380.1)	1805.84- 3307.63	0.15	3686.7 (625.1)	2499.12- 4894.41	0.17	5590.32 (637.26)	4308.33- 6725.2	0.11
Mar 2022	2477.87 (552.71)	1485.77- 3583.38	0.22	3514.9 (498.32)	2555.57- 4473.51	0.14	8106.35 (1873.35)	4551.4- 11608.1	0.23
Apr 2022	3715.07 (479.44)	2840.19- 4653.66	0.13	5630.99 (711.03)	4263.64- 7023.2	0.13	7850.17 (947.6)	5996.17- 9729.05	0.12
May 2022	6437.74 (676.03)	5059.04- 7713.89	0.11	9045.52 (804.99)	7512.77- 10637.19	0.09	12951.94 (875.59)	11215.46- 14607.39	0.07
Jun 2022	1541.71 (451.09)	708.96- 2408.21	0.29	1971.72 (484.84)	1081.07- 2884.35	0.25	2439.98 (574.91)	1456.93- 3603.77	0.24
Jul 2022	4444.38 (1045.66)	2527.81- 6384.03	0.24	6760.08 (1416.61)	4085.82- 9375.38	0.21	8286.41 (1638.2)	5260.18- 11417.67	0.20
Aug 2022	17585.41 (3948.34)	9866.63- 25059.79	0.22	22483 (5010.16)	13049.75- 32163.24	0.22	30238.53 (8013.61)	14717.99- 45252.25	0.27
Sep 2022	1136.59 (173.55)	819.4- 1480.54	0.15	1951.27 (269.05)	1406.06- 2482.12	0.14	2736.76 (364.23)	2059.77- 3501.25	0.13
Oct 2022	2267.38 (384.6)	1539.58- 3009.17	0.17	3241.19 (520.9)	2228.83- 4212.52	0.16	4327.69 (495.55)	3380.67- 5287.9	0.11
Nov 2022	3926.26 (474.55)	3026.44- 4923.02	0.12	5748.93 (700.44)	4242.35- 7117.44	0.12	7654.18 (714.34)	6196.84- 8984.79	0.09
Dec 2022	6891.83 (1202.85)	4624.95- 9185.09	0.17	10809.88 (1422.58)	8176.22- 13643.96	0.13	13772.29 (1780.62)	10357.66- 17264.98	0.13
Jan 2023	2513.56 (302.69)	1938.32- 3101.62	0.12	3477.9 (383.28)	2784.56- 4222.24	0.11	4584.86 (494.64)	3614.25- 5555.48	0.11
Feb 2023	11708.55 (1624.55)	8704.42- 14750.55	0.14	16104.23 (1737.71)	12561.23- 19348.76	0.11	21208.73 (1826.78)	17775.3- 24655.14	0.09

Table 44. DBSouth - West. Abundance of Herring gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		8.63 (8.24)	0-25.9	0.95
Apr 2021	8.36 (8.42)	0-25.09	1.01	8.41 (8.06)	0-25.22	0.96	8.45 (8.08)	0-25.34	0.96
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.51)	0-25.71	0.99	8.55 (8.67)	0-25.64	1.01	17.15 (12.19)	0-42.87	0.71
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		29.5 (21.64)	0-78.66	0.73
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.41 (8.64)	0-25.22	1.03	8.48 (8.51)	0-25.45	1.00	8.43 (8.14)	0-25.3	0.97
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		16.86 (16.63)	0-50.57	0.99	16.81 (17.34)	0-50.42	1.03
Aug 2022	17.02 (12.02)	0-42.54	0.71	17.01 (11.59)	0-42.52	0.68	34.08 (20.12)	0-76.68	0.59
Sep 2022	0 (0)	0-0		8.48 (8.04)	0-25.45	0.95	8.5 (8.95)	0-25.71	1.05
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	16.85 (11.48)	0-42.13	0.68	17.11 (12.07)	0-42.77	0.71	17.01 (11.96)	0-42.52	0.70
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		8.29 (7.82)	0-24.87	0.94
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 45. DBSouth - West. Abundance of Kittiwake recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	1780.88 (329.22)	1198.67-2475.03	0.18	2728.54 (504.26)	1801.71-3793.98	0.18	4187.01 (653.37)	2969.54-5542.39	0.16
Apr 2021	2082.08 (345.8)	1446.58-2817.91	0.17	3152.11 (559.34)	2193.66-4320.49	0.18	3716.4 (577.56)	2685.73-4916.84	0.16
May 2021	1049.86 (174.7)	733.24-1416.48	0.17	1377.54 (211.94)	997.03-1808.76	0.15	1926.04 (215.23)	1530.53-2380.21	0.11
Jun 2021	257.12 (95.71)	111.42-463.03	0.37	376.05 (110.07)	188.02-607.02	0.29	522.98 (141.05)	265.78-806.11	0.27
Jul 2021	235.65 (80.26)	100.99-403.97	0.34	331.98 (79.19)	187.27-493.72	0.24	383.07 (84.71)	238.35-553.32	0.22
Aug 2021	33.18 (18.91)	0-74.66	0.57	41.48 (21.67)	8.3-91.26	0.52	74.9 (29.24)	24.97-133.16	0.39
Sep 2021	187.24 (80.46)	51.07-357.67	0.43	247.49 (98.14)	85.13-452.51	0.40	427.63 (109.84)	222.37-650	0.26
Oct 2021	455.59 (158.43)	210.92-801.51	0.35	581.89 (164.34)	303.59-919.21	0.28	650.9 (163.6)	363.28-989.03	0.25
Nov 2021	325.24 (71.15)	197.11-463.46	0.22	394.58 (75.32)	256.47-552.65	0.19	629.25 (120.69)	422.78-894.71	0.19
Dec 2021	110.97 (71.26)	0-273.16	0.64	110.59 (75.32)	0-280.93	0.68	153.49 (75.5)	25.58-324.04	0.49
Jan 2022	462.45 (81.18)	311.1-630.62	0.18	1119.81 (246.29)	704.12-1645.78	0.22	1450.55 (264.47)	1012.01-2024.02	0.18
Feb 2022	395.43 (83)	247.14-568.43	0.21	545.57 (95.3)	363.71-735.69	0.17	779.66 (112.56)	580.6-1003.6	0.14
Mar 2022	776.4 (213.56)	404.51-1230.68	0.28	2768.3 (1290.98)	981.28-5797.28	0.47	4170.41 (1336.45)	2244.32-7126.76	0.32
Apr 2022	2975.41 (695.87)	1806.68-4572.6	0.23	4290.28 (823.66)	2899.08-6092.28	0.19	5662.56 (858.41)	4139.22-7387.41	0.15
May 2022	849.95 (224.05)	496.3-1338.04	0.26	1245.89 (232.82)	836.28-1732.3	0.19	1536.24 (231.18)	1128.84-2011.54	0.15
Jun 2022	556.03 (188.03)	219.04-968.83	0.34	749.93 (208.81)	412.67-1179.66	0.28	1030.03 (277.97)	548.57-1637.91	0.27
Jul 2022	1331.65 (273.2)	807.1-1881.16	0.21	1635.23 (298.04)	1078.92-2250.76	0.18	2059 (366.74)	1420.29-2806.96	0.18
Aug 2022	8473.67 (4854.73)	1870.63-19339.27	0.57	11003.4 (5341.95)	2575.26-23184.53	0.49	12967.89 (5235.59)	4114.66-24303.29	0.40
Sep 2022	6768.67 (5466.12)	440.85-18729.19	0.81	8687.37 (5737.3)	966.94-21509.31	0.66	9077.21 (5930.17)	1121.69-21750.03	0.65
Oct 2022	1133.69 (192.8)	795.27-1540	0.17	1662.8 (289.31)	1122.6-2253.85	0.17	1918.72 (292.06)	1377.76-2552.66	0.15
Nov 2022	1701.94 (240.33)	1238.33-2182.4	0.14	2977.12 (434.53)	2189.85-3910.26	0.15	3997.18 (450.87)	3206.25-4975.64	0.11
Dec 2022	4548.95 (1082.73)	2641.94-6756.09	0.24	6284.21 (1132.79)	4344.42-8500.06	0.18	8844.35 (1259.4)	6613.6-11369.27	0.14
Jan 2023	895.35 (163.22)	615.86-1240.35	0.18	1462.2 (263.26)	966.33-1999.38	0.18	2495.56 (529.86)	1583.56-3665.4	0.21
Feb 2023	2202.68 (755.34)	970.9-3811.98	0.34	2730.1 (760.88)	1422.62-4371.51	0.28	3243.49 (776.07)	1949.24-4916.91	0.24

Table 46. DBSouth - West. Abundance of Large gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.51)	0-25.69	0.99	8.66 (8.68)	0-25.99	1.00	17.27 (11.38)	0-43.16	0.66
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		8.53 (8.28)	0-25.6	0.97	8.55 (8.56)	0-25.66	1.00
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	9.86 (9.82)	0-29.57	1.00	9.86 (10.16)	0-39.46	1.03	9.83 (9.65)	0-29.5	0.98
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.17)	0-25.52	0.96	8.5 (8.31)	0-25.51	0.98	8.52 (8.65)	0-25.56	1.01
Sep 2022	8.48 (8.38)	0-25.45	0.99	8.48 (8.45)	0-25.45	1.00	8.5 (8.75)	0-25.5	1.03
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.91 (16.32)	0-50.72	0.97
Nov 2022	8.43 (8.85)	0-25.49	1.05	8.55 (8.43)	0-25.66	0.99	8.5 (8.4)	0-25.51	0.99
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 47. DBSouth - West. Abundance of Lesser black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.41 (8.84)	0-33.62	1.05	8.38 (8.34)	0-25.14	1.00	8.41 (8.3)	0-25.24	0.99
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		25.28 (24.84)	0-75.84	0.98	25.33 (25.35)	0-75.99	1.00
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 48. DBSouth - West. Abundance of Little auk recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	17.07 (17.07)	0-51.22	1.00	34.03 (24.3)	0-85.07	0.71	34.11 (25.02)	0-85.27	0.73
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	17.1 (12.16)	0-42.75	0.71	51.72 (28.55)	8.62-112.06	0.55	77.81 (35.13)	17.29-155.62	0.45
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 49. DBSouth - West. Abundance of Little gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		34.14 (34.06)	0-102.41	1.00	34.21 (33.91)	0-102.63	0.99
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.41)	0-25.45	0.99	8.48 (8.53)	0-25.45	1.01	8.5 (8.15)	0-25.5	0.96
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 50. DBSouth - West. Abundance of Puffin recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	59.93 (19.42)	25.69-102.74	0.32	69.3 (19.16)	34.65-103.94	0.28	86.33 (20.24)	43.16-120.86	0.23
Apr 2021	142.15 (21.62)	100.34-183.96	0.15	184.92 (21.23)	142.9-226.95	0.11	244.94 (33.06)	185.82-312.52	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42.56 (25.18)	0-85.13	0.59
Aug 2021	24.89 (12.61)	0-49.77	0.51	33.18 (17.24)	0-66.37	0.52	33.29 (14.64)	8.32-58.26	0.44
Sep 2021	25.53 (13.35)	0-51.07	0.52	25.6 (16.6)	0-51.2	0.65	42.76 (16.92)	8.55-76.97	0.40
Oct 2021	143.43 (43.38)	59.06-227.8	0.30	236.13 (51.13)	134.93-328.89	0.22	329.68 (68.22)	194.42-456.48	0.21
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	92.57 (27.39)	42.08-151.48	0.30	93.87 (31.95)	34.13-153.6	0.34	118.83 (32.76)	59.41-178.45	0.28
Jun 2022	16.85 (11.82)	0-33.7	0.70	16.85 (11.92)	0-33.7	0.71	16.89 (12.22)	0-33.77	0.72
Jul 2022	33.29 (15.88)	0-66.58	0.48	109.58 (49.81)	16.86-193.87	0.45	109.25 (50.87)	16.81-193.5	0.47
Aug 2022	59.55 (24.66)	17.02-102.09	0.41	68.03 (26.76)	17.01-119.05	0.39	68.16 (24.42)	17.04-110.76	0.36
Sep 2022	8.48 (5.85)	0-16.96	0.69	8.48 (5.87)	0-16.97	0.69	8.5 (6.5)	0-17	0.76
Oct 2022	25.38 (9.13)	8.46-42.3	0.36	84.41 (36.48)	25.32-143.49	0.43	126.79 (45.46)	42.26-211.31	0.36
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	42.75 (19.89)	0-85.51	0.47	43.1 (19.26)	8.62-77.58	0.45	43.23 (19.94)	0-77.81	0.46
Jan 2023	16.43 (7.79)	0-32.86	0.47	16.52 (8.43)	0-33.04	0.51	24.87 (5.98)	16.58-33.16	0.24
Feb 2023	8.38 (5.8)	0-16.75	0.69	8.37 (5.79)	0-16.75	0.69	16.81 (8.63)	0-33.61	0.51

Table 51. DBSouth - West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	59.93 (19.42)	25.69-102.74	0.32	69.3 (19.16)	34.65-103.94	0.28	86.33 (20.24)	43.16-120.86	0.23
Apr 2021	142.15 (21.62)	100.34-183.96	0.15	184.92 (21.23)	142.9-226.95	0.11	244.94 (33.06)	185.82-312.52	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42.56 (25.18)	0-85.13	0.59
Aug 2021	24.89 (12.61)	0-49.77	0.51	33.18 (17.24)	0-66.37	0.52	33.29 (14.64)	8.32-58.26	0.44
Sep 2021	25.53 (13.35)	0-51.07	0.52	25.6 (16.6)	0-51.2	0.65	42.76 (16.92)	8.55-76.97	0.40
Oct 2021	151.86 (45.93)	62.53-241.2	0.30	252.99 (54.78)	144.57-352.38	0.22	355.04 (73.46)	209.38-491.59	0.21
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	92.57 (27.39)	42.08-151.48	0.30	93.87 (31.95)	34.13-153.6	0.34	118.83 (32.76)	59.41-178.45	0.28
Jun 2022	16.85 (11.82)	0-33.7	0.70	16.85 (11.92)	0-33.7	0.71	16.89 (12.22)	0-33.77	0.72
Jul 2022	33.29 (15.88)	0-66.58	0.48	109.58 (49.81)	16.86-193.87	0.45	109.25 (50.87)	16.81-193.5	0.47
Aug 2022	59.55 (24.66)	17.02-102.09	0.41	68.03 (26.76)	17.01-119.05	0.39	68.16 (24.42)	17.04-110.76	0.36
Sep 2022	8.48 (5.85)	0-16.96	0.69	8.48 (5.87)	0-16.97	0.69	8.5 (6.5)	0-17	0.76
Oct 2022	25.38 (9.13)	8.46-42.3	0.36	84.41 (36.48)	25.32-143.49	0.43	126.79 (45.46)	42.26-211.31	0.36
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	42.75 (19.89)	0-85.51	0.47	43.1 (19.26)	8.62-77.58	0.45	43.23 (19.94)	0-77.81	0.46
Jan 2023	16.43 (7.79)	0-32.86	0.47	16.52 (8.43)	0-33.04	0.51	24.87 (5.98)	16.58-33.16	0.24
Feb 2023	8.38 (5.8)	0-16.75	0.69	8.37 (5.79)	0-16.75	0.69	16.81 (8.63)	0-33.61	0.51

Table 52. DBSouth - West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	68.5 (22.2)	29.36-117.42	0.32	77.96 (21.56)	38.98-116.94	0.28	103.6 (24.29)	51.8-145.03	0.23
Apr 2021	167.24 (25.43)	118.05-216.42	0.15	218.55 (25.09)	168.88-268.22	0.11	287.18 (38.76)	217.86-366.4	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		51.08 (30.21)	0-102.15	0.59
Aug 2021	24.89 (12.61)	0-49.77	0.51	41.48 (21.55)	0-82.96	0.52	41.61 (18.3)	10.4-72.82	0.44
Sep 2021	25.53 (13.35)	0-51.07	0.52	25.6 (16.6)	0-51.2	0.65	51.32 (20.3)	10.26-92.37	0.40
Oct 2021	177.18 (53.59)	72.95-281.4	0.30	295.16 (63.91)	168.66-411.12	0.22	414.21 (85.71)	244.28-573.52	0.21
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	109.4 (32.37)	49.73-179.02	0.30	110.94 (37.76)	40.34-181.53	0.34	135.8 (37.43)	67.9-203.94	0.28
Jun 2022	16.85 (11.82)	0-33.7	0.70	16.85 (11.92)	0-33.7	0.71	16.89 (12.22)	0-33.77	0.72
Jul 2022	41.61 (19.85)	0-83.23	0.48	126.44 (57.48)	19.45-223.69	0.45	126.06 (58.7)	19.39-223.27	0.47
Aug 2022	68.06 (28.18)	19.45-116.68	0.41	76.53 (30.1)	19.13-133.93	0.39	76.68 (27.47)	19.17-124.61	0.36
Sep 2022	8.48 (5.85)	0-16.96	0.69	8.48 (5.87)	0-16.97	0.69	8.5 (6.5)	0-17	0.76
Oct 2022	25.38 (9.13)	8.46-42.3	0.36	101.29 (43.78)	30.39-172.19	0.43	143.69 (51.52)	47.9-239.49	0.36
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	51.3 (23.87)	0-102.61	0.47	51.72 (23.12)	10.34-93.1	0.45	51.87 (23.93)	0-93.37	0.46
Jan 2023	16.43 (7.79)	0-32.86	0.47	16.52 (8.43)	0-33.04	0.51	24.87 (5.98)	16.58-33.16	0.24
Feb 2023	8.38 (5.8)	0-16.75	0.69	8.37 (5.79)	0-16.75	0.69	16.81 (8.63)	0-33.61	0.51

Table 53. DBSouth - West. Abundance of Razorbill recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	325.35 (97.73)	154.11-530.84	0.30	528.38 (120.93)	311.83-779.8	0.23	1053.23 (184.05)	716.54-1415.81	0.17
Apr 2021	1237.54 (281.54)	735.63-1822.86	0.23	1706.34 (274.36)	1202-2269.52	0.16	1968 (341.02)	1326.08-2694.39	0.17
May 2021	224.97 (69.32)	116.44-366.83	0.31	295.79 (87.88)	143.67-490.17	0.30	420.53 (97.17)	235.5-605.78	0.23
Jun 2021	0 (0)	0-0		8.55 (8.03)	0-25.64	0.94	60.01 (33.78)	0-128.6	0.56
Jul 2021	25.25 (17.91)	0-67.33	0.71	25.54 (18.41)	0-68.1	0.72	25.54 (17.28)	0-59.59	0.68
Aug 2021	16.59 (10.97)	0-41.48	0.66	16.59 (10.89)	0-41.48	0.66	108.19 (50.91)	24.97-216.38	0.47
Sep 2021	42.55 (20.44)	8.51-85.11	0.48	59.74 (24.69)	17.07-110.94	0.41	94.08 (28.22)	42.76-145.4	0.30
Oct 2021	160.3 (57.61)	67.5-278.42	0.36	227.69 (59.67)	118.06-345.97	0.26	278.96 (73.75)	152.16-448.02	0.26
Nov 2021	118.27 (41.1)	49.28-206.97	0.35	157.83 (45.61)	78.92-256.47	0.29	255.63 (69.52)	127.82-403.11	0.27
Dec 2021	478.04 (150.97)	213.41-793.88	0.32	603.97 (154.04)	331.76-927.44	0.26	656.6 (180.05)	332.56-1023.27	0.27
Jan 2022	378.37 (110.09)	176.57-605.6	0.29	738.06 (239.01)	330.85-1247.06	0.32	1054.18 (255.97)	623.86-1585.48	0.24
Feb 2022	173 (56.3)	74.14-288.54	0.33	223.19 (62.89)	115.73-363.71	0.28	248.83 (60.33)	132.71-373.24	0.24
Mar 2022	107.37 (40.95)	33.04-189.97	0.38	1400.93 (918.14)	234.89-3389.91	0.66	1708.36 (931.25)	477.34-3844.86	0.55
Apr 2022	605.17 (193.5)	268.96-1008.62	0.32	729.01 (232.98)	334.97-1206.64	0.32	875.05 (257.19)	370.21-1363.05	0.29
May 2022	176.72 (46.96)	84.15-269.5	0.27	264.54 (59.56)	153.6-384.01	0.23	356.48 (60.25)	237.65-475.3	0.17
Jun 2022	75.82 (31.39)	16.85-134.79	0.41	109.54 (39.01)	42.13-193.8	0.36	135.09 (50.84)	42.21-236.61	0.38
Jul 2022	349.56 (147.2)	83.23-632.74	0.42	404.59 (149.08)	143.29-716.68	0.37	512.65 (160.63)	209.89-832	0.31
Aug 2022	1939.75 (946.68)	535.56-4126.45	0.49	2534.01 (1006.28)	909.23-4745.32	0.40	3876.73 (1542.01)	1269.31-7344.92	0.40
Sep 2022	5021.37 (3792.63)	296.66-13809.61	0.76	6091.34 (3748.35)	695.67-14321.23	0.62	6833.4 (4523.02)	1002.49-17307.04	0.66
Oct 2022	541.46 (210.95)	194.59-1006.78	0.39	784.98 (239.94)	337.62-1308.29	0.31	1098.83 (238.76)	642.39-1572.17	0.22
Nov 2022	968.93 (175.03)	665.61-1348.07	0.18	1214.8 (181.13)	881.16-1582.67	0.15	1573.36 (216.33)	1198.94-2007.1	0.14
Dec 2022	3864.9 (662.51)	2701.79-5207.78	0.17	5913.54 (884.34)	4275.03-7716.48	0.15	7642.63 (1209.72)	5385.93-9925.47	0.16
Jan 2023	3523.91 (624.23)	2349.28-4846.61	0.18	4700.53 (666.54)	3444.85-6014.24	0.14	6392.28 (847.83)	4725.19-8026.42	0.13
Feb 2023	2788.95 (464.72)	1926.3-3752.31	0.17	4011.4 (546.05)	3047.91-5208.96	0.14	5478.64 (626.78)	4251.41-6697.26	0.11

Table 54. DBSouth - West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	496.59 (149.17)	235.23-810.23	0.30	840.22 (192.29)	495.87-1240.01	0.23	1648.9 (288.15)	1121.79-2216.56	0.17
Apr 2021	2107.16 (479.37)	1252.55-3103.79	0.23	2950.38 (474.38)	2078.34-3924.14	0.16	3463.01 (600.08)	2333.44-4741.2	0.17
May 2021	266.63 (82.15)	138.01-434.76	0.31	371.85 (110.47)	180.61-616.21	0.30	504.64 (116.6)	282.6-726.93	0.23
Jun 2021	0 (0)	0-0		8.55 (8.03)	0-25.64	0.94	60.01 (33.78)	0-128.6	0.56
Jul 2021	25.25 (17.91)	0-67.33	0.71	25.54 (18.41)	0-68.1	0.72	25.54 (17.28)	0-59.59	0.68
Aug 2021	16.59 (10.97)	0-41.48	0.66	16.59 (10.89)	0-41.48	0.66	133.16 (62.66)	30.73-266.31	0.47
Sep 2021	51.07 (24.53)	10.21-102.13	0.48	76.81 (31.74)	21.94-142.64	0.41	119.74 (35.92)	54.43-185.05	0.30
Oct 2021	269.98 (97.04)	113.68-468.92	0.36	371.06 (97.24)	192.4-563.8	0.26	473.38 (125.15)	258.21-760.28	0.26
Nov 2021	167.55 (58.22)	69.81-293.21	0.35	226.88 (65.56)	113.44-368.68	0.29	363.78 (98.93)	181.89-573.66	0.27
Dec 2021	1007.29 (318.12)	449.68-1672.83	0.32	1378.07 (351.48)	756.97-2116.12	0.26	1603.13 (439.6)	811.97-2498.38	0.27
Jan 2022	924.91 (269.11)	431.62-1480.36	0.29	1679.71 (543.95)	752.97-2838.14	0.32	2344.49 (569.27)	1387.47-3526.11	0.24
Feb 2022	354.24 (115.28)	151.82-590.82	0.33	438.11 (123.45)	227.17-713.95	0.28	481.07 (116.65)	256.57-721.6	0.24
Mar 2022	379.94 (144.91)	116.9-672.2	0.38	3758.18 (2463.03)	630.11-9093.89	0.66	4245.78 (2314.42)	1186.32-9555.61	0.55
Apr 2022	706.03 (225.75)	313.79-1176.72	0.32	837.95 (267.79)	385.02-1386.94	0.32	1009.67 (296.75)	427.17-1572.75	0.29
May 2022	185.14 (49.2)	88.16-282.33	0.27	273.07 (61.48)	158.56-396.4	0.23	364.96 (61.68)	243.31-486.62	0.17
Jun 2022	75.82 (31.39)	16.85-134.79	0.41	109.54 (39.01)	42.13-193.8	0.36	135.09 (50.84)	42.21-236.61	0.38
Jul 2022	366.2 (154.21)	87.19-662.87	0.42	429.88 (158.4)	152.25-761.47	0.37	537.86 (168.53)	220.21-872.92	0.31
Aug 2022	2016.32 (984.05)	556.7-4289.33	0.49	2678.57 (1063.68)	961.09-5016.03	0.40	4089.74 (1626.73)	1339.05-7748.49	0.40
Sep 2022	6047.69 (4567.81)	357.29-16632.18	0.76	8008.67 (4928.2)	914.64-18829.02	0.62	8915.72 (5901.3)	1307.97-22580.95	0.66
Oct 2022	685.29 (266.98)	246.28-1274.21	0.39	979.11 (299.28)	421.12-1631.85	0.31	1352.4 (293.85)	790.64-1934.98	0.22
Nov 2022	1086.88 (196.34)	746.64-1512.18	0.18	1394.46 (207.92)	1011.47-1816.72	0.15	1819.99 (250.24)	1386.88-2321.72	0.14
Dec 2022	4497.64 (770.98)	3144.12-6060.38	0.17	6999.7 (1046.77)	5060.24-9133.79	0.15	8930.81 (1413.63)	6293.74-11598.43	0.16
Jan 2023	4148.2 (734.81)	2765.46-5705.22	0.18	5683.59 (805.94)	4165.3-7272.05	0.14	7660.79 (1016.08)	5662.87-9619.21	0.13
Feb 2023	3249.58 (541.48)	2244.46-4372.06	0.17	4765.11 (648.65)	3620.59-6187.68	0.14	6495.38 (743.1)	5040.4-7940.16	0.11

Table 55. DBSouth - West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	599.33 (180.03)	283.89-977.86	0.30	1013.46 (231.94)	598.11-1495.68	0.23	1968.32 (343.97)	1339.11-2645.94	0.17
Apr 2021	2550.33 (580.19)	1515.98-3756.57	0.23	3572.39 (574.39)	2516.51-4751.46	0.16	4189.4 (725.95)	2822.9-5735.7	0.17
May 2021	308.29 (94.99)	159.57-502.69	0.31	439.46 (130.56)	213.45-728.25	0.30	597.16 (137.98)	334.41-860.2	0.23
Jun 2021	0 (0)	0-0		8.55 (8.03)	0-25.64	0.94	68.59 (38.6)	0-146.97	0.56
Jul 2021	33.66 (23.88)	0-89.77	0.71	34.05 (24.55)	0-90.8	0.72	34.05 (23.04)	0-79.45	0.68
Aug 2021	16.59 (10.97)	0-41.48	0.66	16.59 (10.89)	0-41.48	0.66	158.12 (74.4)	36.49-316.25	0.47
Sep 2021	59.58 (28.62)	11.92-119.15	0.48	93.87 (38.8)	26.82-174.34	0.41	145.4 (43.61)	66.09-224.7	0.30
Oct 2021	329.04 (118.26)	138.54-571.49	0.36	446.96 (117.13)	231.76-679.13	0.26	574.82 (151.97)	313.54-923.2	0.26
Nov 2021	206.97 (71.92)	86.24-362.2	0.35	266.34 (76.96)	133.17-432.8	0.29	432.61 (117.64)	216.3-682.19	0.27
Dec 2021	1220.7 (385.52)	544.96-2027.24	0.32	1667.3 (425.24)	915.84-2560.24	0.26	1944.22 (533.14)	984.74-3029.95	0.27
Jan 2022	1118.3 (325.38)	521.87-1789.9	0.29	2036.02 (659.34)	912.7-3440.17	0.32	2842.06 (690.09)	1681.93-4274.46	0.24
Feb 2022	420.15 (136.73)	180.06-700.74	0.33	520.77 (146.75)	270.03-848.66	0.28	572.3 (138.77)	305.23-858.45	0.24
Mar 2022	446.02 (170.11)	137.24-789.11	0.38	4529.95 (2968.83)	759.51-10961.38	0.66	5083.21 (2770.92)	1420.31-11440.35	0.55
Apr 2022	823.7 (263.37)	366.09-1372.84	0.32	988.78 (315.99)	454.33-1636.59	0.32	1186.36 (348.69)	501.92-1847.98	0.29
May 2022	227.21 (60.38)	108.2-346.5	0.27	332.81 (74.93)	193.24-483.11	0.23	441.35 (74.59)	294.23-588.47	0.17
Jun 2022	92.67 (38.37)	20.59-164.75	0.41	134.82 (48.02)	51.85-238.53	0.36	160.41 (60.37)	50.13-280.97	0.38
Jul 2022	441.11 (185.76)	105.03-798.46	0.42	522.6 (192.56)	185.09-925.71	0.37	655.52 (205.4)	268.39-1063.87	0.31
Aug 2022	2441.71 (1191.66)	674.15-5194.25	0.49	3239.8 (1286.55)	1162.47-6067.01	0.40	4950.29 (1969.03)	1620.81-9378.9	0.40
Sep 2022	7320 (5528.78)	432.46-20131.24	0.76	9679.97 (5956.64)	1105.51-22758.38	0.62	10777.06 (7133.32)	1581.04-27295.18	0.66
Oct 2022	744.51 (290.05)	267.56-1384.33	0.39	1097.28 (335.4)	471.95-1828.8	0.31	1521.46 (330.59)	889.47-2176.85	0.22
Nov 2022	1289.09 (232.87)	885.55-1793.52	0.18	1651.11 (246.18)	1197.63-2151.09	0.15	2151.67 (295.85)	1639.63-2744.84	0.14
Dec 2022	5438.22 (932.21)	3801.64-7327.76	0.17	8465.15 (1265.92)	6119.65-11046.04	0.15	10806.88 (1710.58)	7615.86-14034.89	0.16
Jan 2023	5018.91 (889.05)	3345.94-6902.75	0.18	6873.18 (974.62)	5037.11-8794.11	0.14	9269.22 (1229.41)	6851.83-11638.82	0.13
Feb 2023	3911.23 (651.72)	2701.45-5262.24	0.17	5744.93 (782.03)	4365.07-7460.01	0.14	7831.43 (895.95)	6077.17-9573.38	0.11

Table 56. DBSouth - West. Abundance of Red-throated diver recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.41 (8.2)	0-25.23	0.97
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 57. DBSouth - West. Abundance of Skua species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	16.87 (17.01)	0-50.62	1.01	16.87 (15.99)	0-50.6	0.95	16.91 (16.64)	0-50.72	0.98
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.47)	0-25.45	1.00	33.94 (19.91)	0-76.35	0.59	34 (19.88)	0-76.49	0.58
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 58. DBSouth - West. Abundance of Small gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		8.53 (8.68)	0-25.82	1.02	25.66 (18.55)	0-68.42	0.72
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	34.03 (17.19)	8.51-76.57	0.51	42.52 (18.2)	8.5-76.53	0.43	42.6 (18.63)	8.52-85.2	0.44
Sep 2022	8.48 (8.5)	0-25.45	1.00	33.94 (25.65)	0-93.32	0.76	34 (26.26)	0-93.49	0.77
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	8.43 (8.47)	0-25.28	1.00	34.22 (20.36)	0-76.99	0.59	51.03 (27.4)	8.5-110.56	0.54
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	16.75 (11.39)	0-41.88	0.68	16.75 (11.74)	0-41.87	0.70	16.81 (11.95)	0-42.01	0.71

Table 59. DBSouth - West. Abundance of Tern species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.33)	0-25.52	0.98	17.01 (12)	0-42.52	0.71	17.04 (11.7)	0-42.6	0.69
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 60. DBS - East & West. Abundance of Arctic skua recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		8.364 (7.73)	0-25.0719	0.9392
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (8.24)	0-25.11	0.99	8.3731 (8.46)	0-25.4424.93	1.0402	8.3831 (8.34)	0-25.4424.92	1.00099
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.51)	0-25.25	1.00	8.435 (8.35)	0-25.2851	0.9998	8.4352 (8.21)	0-25.2956	0.9796
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 61. DBS - East & West. Abundance of Arctic tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (14.14)	0-50.49	0.84	16.9588 (11.17)	0-33.9476	0.66	25.3934 (12.3)	0-50.7859.19	0.4849
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	41.67 (25.44)	0-92.33	0.61	75.9918 (29.85)	16.89-135.0971-133.65	0.3940	101.42100.39 (29.18)	42.43-160.4441.83-158.95	0.29
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	25.03 (18.11)	0-66.81	0.72	25.2829 (15.15)	0-5967.43	0.60	25.343 (15.14)	0-59.4267.4	0.60
Aug 2022	117.47 (42.14)	42.08-210.42	0.36	176.986 (37.18)	101.43-252.8375.62-277.58	0.21	286.631 (58.67)	168.61-396.23126.01-446.19	0.2021
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 62. DBS - East & West. Abundance of Black-backed gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	16.71 (11.72)	0-41.76	0.70	16.85 (11.77)	0-42.13 50.55	0.70	16.84 (11.78)	0-42.09 50.51	0.70
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	8.55 (8.4)	0-24.99	0.98	8.38 62 (8.31)	0-25.4486	0.9996	8.39 65 (8.23)	0-25.4894	0.9895
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 63. DBS - East & West. Abundance of Commic tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	143.07 (108.27)	0-378.69	0.76	152.58 153.01 (113.34)	8.48-406.890-442.08	0.74	177.72 178.46 (96.41)	33.85-347.198.51-365.44	0.54
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	75.09 (46.44)	8.37-176.07	0.62	109.76 108.77 (52.83)	16.89-219.7371-242.78	0.484 9	143.26 142.71 (45.34)	58.99-227.5333.46-269.05	0.32
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	33.35 (17.79)	0-75.17	0.53	67.43 (26.76)	16.86-126.4265-143.29	0.40	76.04 75.72 (24.42)	33.78-126.6825.21-134.63	0.32
Aug 2022	368.34 (167.91)	109.42-740.68	0.46	421.38 419.86 (162.1)	151.7-775.3492.63-864.32	0.383 9	918.91 917.93 (205.52)	539.33-1323.56368.9-6-1466.72	0.22
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 64. DBS - East & West. Abundance of Common gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	8.38 (8.23)	0-25.01	0.98	8.354 (8.38)	0-25.0521	1.00	8.364 (7.9)	0-25.0719	0.94
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	16.88 (17.96)	0-54.89	1.06	36.4835.27 (21.12)	0-82.0887.49	0.5860	36.4135.23 (20.88)	0-81.9387.38	0.5759
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	143.9 (57.17)	42.08-269.34	0.40	168.55169.46 (43.74)	92.7-252.8368.03-295.95	0.26	202.33203.59 (50.78)	109.38-303-776.68-338.87	0.25
Sep 2022	42.41 (38.72)	0-130.73	0.91	43.5942.42 (30.4)	0-87.1984.84	0.7072	52.251.41 (31.91)	0-104.4111.74	0.6462
Oct 2022	0 (0)	0-0		8.436 (8.09)	0-25.2409	0.9697	8.436 (8.46)	0-25.2208	1.01
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (7.99)	0-24.89	0.95	16.6986 (12.09)	0-41.7242.15	0.72	16.783 (11.82)	0-41.7642.08	0.7470
Feb 2023	8.32 (8.28)	0-25.05	0.99	8.3634 (7.91)	0-25.0803	0.95	8.353 (8.04)	0-25.0524.89	0.9697

Table 65. DBS - East & West. Abundance of Common scoter recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	16.75 (17.12)	0-66.68	1.02	16.781 (16.8)	0-50.0942	1.04	16.7279 (16.24)	0-50.4537	0.97
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 66. DBS - East & West. Abundance of Common tern recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.33 (8.93)	0-33.59	1.07	8.4445 (8.03)	0-25.3235	0.95	8.4241 (8.52)	0-25.2623	1.01
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.42 (8.45)	0-25.12	1.00	8.4453 (8.43)	0-25.336	0.991 00	8.4349 (8.25)	0-25.2846	0.989 7
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.28)	0-25.25	0.99	16.867 (12.13)	0-42.1441.76	0.7273	16.8668 (11.82)	0-42.1541.7	0.7071
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 67. DBS - East & West. Abundance of Fulmar recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	68.5 (28.31)	16.96-127.16	0.41	76.79 77.96 (24.68)	25.6-127.98 99.129.93	0.32	76.63 77.7 (21.05)	34.06-119.253- 120.86	0.27
Apr 2021	167.19 (132.18)	0-450.44	0.79	184. 34 81 (123.98)	16.76-469.140- 487.3	0.67	234.98 235.74 (105.15)	50.35-42825.23- 462.92	0.45
May 2021	58.59 (22.08)	25.19-100.77	0.38	101. 29 35 (24.11)	59.09-151.94 42.26-168.9	0.24	134. 74 64 (25.21)	84.19-185.22 67.3-201.98	0.19
Jun 2021	42.69 (17.43)	8.53-76.76	0.41	110. 74 88 (34.4)	51.11-187.41 25.58-204.72	0.31	144.91 45.35 (36.96)	76.71-221.64 59.7-239.57	0.26
Jul 2021	16.83 (10.77)	0-42.08	0.64	33.91 (14.43)	8.48-59.340- 76.25	0.43	42. 34 36 (14.22)	16.93-67.78 51-76.21	0.34
Aug 2021	83.27 (26.36)	33.34-141.7	0.32	133. 58 38 (32.54)	66.79-200.37 49.99-225.06	0.24	250. 74 44 (49.02)	158.81-351.04 125.2-375.59	0.20
Sep 2021	176.09 (42.58)	92.71-261.28	0.24	313.22 312.19 (57.6)	203.17-431.74 177.16-472.55	0.18	423.49 421.34 (68.98)	287.97-550.54 252.77-590.12	0.16
Oct 2021	66.96 (24.82)	25.11-117.18	0.37	66.97 (22.96)	16.74-117.28 43-133.94	0.34	67.04 (21.18)	25.14-108.94 8.45-125.62	0.32
Nov 2021	160.44 (37.11)	100.64-237.88	0.23	310. 09 28 (69.87)	182.4-456.04 143.88-506.49	0.23	482.49 486.91 (74.18)	345.93-637.25 282.92-699.62	0.15
Dec 2021	8.48 (7.6)	0-25.52	0.90	25. 49 5 (16.7)	0-59.49 76.51	0.65	25. 47 51 (13.49)	0-50.95 59.47	0.53
Jan 2022	92.3 (30.12)	33.58-151.11	0.33	126.31 125.98 (33.08)	67.36-193.66 41.91-218.53	0.26	125. 97 (32.71)	58.75-184.66 41.85-209.55	0.26
Feb 2022	83.13 (24.12)	41.57-133.01	0.29	116. 62 51 (28.15)	66.64-174.93 41.59-191.63	0.24	150. 44 03 (28.36)	91.73-200.15 75.02-225.05	0.19
Mar 2022	8.26 (7.39)	0-25.06	0.89	16. 85 78 (9.87)	0-33.75 6	0.59	16. 84 75 (8.23)	0-33.67 5	0.49
Apr 2022	33.62 (18.65)	0-75.23	0.55	33. 45 52 (16.6)	0-66.89 67.04	0.50	75. 34 73 (26.56)	25.11-125.56 24-126.21	0.35
May 2022	58.74 (19.8)	25.12-100.49	0.34	75.99 76.26 (18.25)	42.22-109.76 25.6-126.92	0.24	151. 68 8 (24.7)	101.12-202.25 84.51-219.1	0.16
Jun 2022	8.42 (7.49)	0-25.14	0.89	33. 57 64 (16.81)	8.39-67.140- 84.06	0.50	50. 32 54 (17.18)	16.77-83.87 89-92.53	0.34
Jul 2022	66.7 (25.18)	24.85-125.28	0.38	92.71 (28.55)	42.14-113.49 16.86-176.99	0.31	92. 97 8 (23.14)	50.67-113.57 33.62-160.35	0.25
Aug 2022	33.67 (17.27)	0-67.33	0.51	33.71 (17.33)	0-67.42 92.78	0.51	50. 58 76 (18.72)	16.86-92.730- 109.87	0.37
Sep 2022	43.34 (17.49)	8.72-78.44	0.40	69. 75 82 (19.76)	34.88-113.35 17.46-122.19	0.28	130. 58 1 (22.41)	95.7-17469.65- 200.88	0.17

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Oct 2022	235.22 (48.37)	143.08-328.24	0.21	579.73 578.36 (126.34)	352.67-840.49 293.4-896.85	0.22	907.93 904.87 (142.63)	655.73-1202.46 619.9-4-1231.61	0.16
Nov 2022	16.85 (10.71)	0-41.58	0.64	25.466 (12.48)	0-50.25 1.33	0.504 9	50.0538 (15.63)	46.68-83.42 8.5-100.44	0.31
Dec 2022	49.53 (21.31)	8.33-91.61	0.43	83.79 82.89 (23.62)	41.9-134.07 24.91-140.87	0.282 9	243.42 44.29 (74.82)	409.41-377.98 2.99-405.8	0.31
Jan 2023	225.12 (106.49)	74.68-464.67	0.47	283.68 284.74 (105.15)	425.45-525.64 99.93-562.06	0.37	350.79 351.7 (104.51)	475.39-576.29 150.48-628.66	0.30
Feb 2023	468.2 (99.46)	292.24-684.68	0.21	685.43 686.05 (102.94)	504.53-886.04 426.7-9-962.03	0.15	876.79 879.67 (98.26)	684.73-4068.85 628.63-1155.7	0.11

Table 68. DBS - East & West. Abundance of Gannet recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	681.54 (123.58)	449.31-932.53	0.18	819.05 810.06 (134.03)	571.63-1092.06 514.4-1139.59	0.1617	1013.18 1003.67 (142)	740.73-1294.15 691.3-4-1333.23	0.14
Apr 2021	684.44 (103.81)	483.8-884.19	0.15	946.66 947.4 (109.31)	728.84-1172.85 670.7-1249.33	0.12	1099.37 1100.92 (111.82)	881.17-1325.95 790.0-4-1412.02	0.10
May 2021	351.91 (56.01)	251.92-461.85	0.16	455.8+95 (62.85)	337.64-582.42 287.11-633.22	0.14	766.14 765.8 (132.54)	530.41-1035.56 446.0-1-1102.64	0.17
Jun 2021	51.17 (13.58)	25.59-76.76	0.27	110.7482 (29.58)	51.11-161.85 42.62-187.52	0.27	153.4382 (38.29)	85.24-238.66 59.91-256.52	0.25
Jul 2021	84.16 (32.38)	25.25-143.27	0.38	118.6882 (38.02)	50.86-194.97 33.91-220.68	0.32	143.87 144.01 (41.09)	76.16-228.49 50.56-262.69	0.29
Aug 2021	299.19 (45.06)	208.38-383.43	0.15	425.78 424.17 (44.26)	342.3-509.27 307.4-9-549.26	0.10	493.13 491.89 (52.51)	392.83-593.43 358.3-633.88	0.11
Sep 2021	387.38 (42)	303.42-471.99	0.11	524.8699 (53.79)	414.81-626.66 381.29-668.91	0.10	762.2895 (70.45)	626.77-906.27 568.0-6-957.84	0.09
Oct 2021	610.28 (74.67)	460.36-753.31	0.12	820.38 819 (101.16)	627.84-1021.29 551.13-1095.31	0.12	1097.76 1094.9 (113.76)	879.89-1332.64 793.5-2-1438.1	0.10
Nov 2021	281.54 (69.48)	137.01-393.41	0.25	364.81 370.86 (61.45)	255.36-483.37 211.54-548.52	0.17	464.28 472.72 (87.76)	309.29-646.35 256.15-717.41	0.19
Dec 2021	8.48 (6.91)	0-25.52	0.82	8.549 (7.24)	0-25.4947	0.85	8.4945 (7.8)	0-25.4736	0.92
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		8.3439 (7.69)	0-25.0216	0.92
Mar 2022	607.93 (148.55)	309.05-893.75	0.24	926.76 929.84 (250.76)	463.38-1415.42 380.5-2-1521.39	0.27	1902.48 1909.45 (671.37)	824.76-3401.16 83.96-3609.12	0.35
Apr 2022	1171.58 (174.99)	819.21-1496.51	0.15	1722.44 1723.11 (224.7)	1262.57-2140.72 1112.1-8-2325.34	0.13	2410.76 2411.67 (265.22)	1900.15-2921.37 1733.2-6-3140.85	0.11
May 2022	159.48 (49.93)	67-259.61	0.31	447.49 450.11 (82.01)	295.51-599.46 254.9-2-653.65	0.18	674.15 676.94 (113.62)	455.05-918.53 397.94-981.15	0.17
Jun 2022	84.07 (19.86)	41.91-125.72	0.24	125.88 126.19 (19.36)	83.92-159.45 67.41-176.54	0.15	176.1262 (29.79)	117.41-235.04 92.65-260.6	0.17
Jul 2022	333.67 (69.88)	200.44-467.7	0.21	505.6971 (68.03)	379.06-640.54 328.71-691.13	0.13	667.19 666.44 (84.85)	498.28-836.14 468.8-902.76	0.13
Aug 2022	379.03 (69.4)	244.09-513.43	0.18	488.84 489.41 (70.93)	362.17-640.31 2.5-691.52	0.1514	5815 82.69 (84.8)	421.31-741.87 354.8-835.96	0.15
Sep 2022	332.2 (107.18)	139.45-531.65	0.32	540.57 528.92 (141.07)	296.22-810.86 255.49-819.32	0.2627	800.47 87.33 (212.22)	435-1244.13 85.37-1266.41	0.27

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Oct 2022	1584.11 (206.95)	1186.49-1978.25	0.13	2327.33 2328.26 (287.09)	4806.41-2945.89 1639.72-3150.83	0.12	2740.62 741.92 (308.41)	2494 1986.16-3354.53581.98	0.11
Nov 2022	865.03 (134.11)	615.34-1139.22	0.16	1121.09 1124.4 (164.93)	828.06-1447.59 697.57-1600.91	0.15	1251.27 1253.45 (167.99)	934.29-1601.63 820.56-1736.41	0.13
Dec 2022	209.32 (57.68)	108.27-324.81	0.28	259.75 262.02 (65.86)	142.45-402.21 202.97-461.81	0.25	419.65 423.37 (95.71)	235-621.29 186.74-693.79	0.23
Jan 2023	0 (0)	0-0		0 (0)	0-0		8.3529 (6.51)	0-16.758	0.7879
Feb 2023	175.01 (96.46)	33.4-392.44	0.55	192.2505 (100.96)	50.15-417.95 33.44-442.43	0.53	200.44 199.67 (102.69)	58.45-425.87 41.7-457.32	0.51

Table 69. DBS - East & West. Abundance of Great black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		16.78 (11.41)	0-41.9650.35	0.68
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		34.0719 (34.51)	0-102.2256	1.01	34.0929 (34.62)	0-102.2888	1.0201
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.3845 (8.28)	0-25.1436	0.9998
Nov 2021	8.44 (9)	0-27.45	1.07	27.3626.8 (15.52)	0-63.8471.94	0.5758	45.5243.69 (19.61)	9-191.048.46-97.21	0.4345
Dec 2021	42.62 (34.83)	0-119.3	0.82	50.9951.02 (35.48)	0-127.47144.56	0.70	59.4454 (35.44)	8.49136.070-161.65	0.60
Jan 2022	67.05 (26.42)	16.79-125.92	0.39	126.3125.98 (38.61)	58.94-210.533.42-243.85	0.31	251.832 (65.38)	142.69-394.4992.05-444.08	0.26
Feb 2022	24.86 (13.96)	0-58.19	0.56	41.6559 (18.35)	8.3383.30-99.84	0.44	83.3931 (25.18)	24.97-158.33-36-141.77	0.30
Mar 2022	84.46 (35)	25.06-158.7	0.41	117.95118.47 (39.25)	50.55-202.277-203.1	0.33	218.87219.68 (61.24)	109.43-345.3584.63-388.41	0.28
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	33.67 (19.28)	0-75.75	0.57	33.71 (21.77)	0-76.0692.78	0.65	50.584 (26.36)	8.43-109.590-134.53	0.52
Sep 2022	33.93 (22.52)	0-87.16	0.66	122.06119.26 (76.75)	8.72-305.1648-315.36	0.6364	121.8119.4 (73.49)	17.428718.5-298.72	0.6062
Oct 2022	8.46 (8.67)	0-25.25	1.02	58.8462 (42.68)	0-154.23167.49	0.73	58.8562 (45.15)	0-168.34192.57	0.77
Nov 2022	0 (0)	0-0		0 (0)	0-0		33.3732.73 (20.38)	0-83.4281.82	0.6462
Dec 2022	25.65 (17.83)	0-66.63	0.70	50.283 (26.52)	8.17100.550-134.14	0.53	125.9126.22 (41.54)	50.36-218.2233.59-252.65	0.33
Jan 2023	150.19 (64.82)	49.79-298.72	0.43	158.53159.48 (61.53)	58.4-292.0241.98-327.39	0.39	208.8209.88 (74)	83.52-367.4958.78-402.94	0.35
Feb 2023	58.37 (30.06)	8.35-125.25	0.52	125.3843 (56.95)	33.44-242.4116.72-292.7	0.45	141.96142.01 (62.5)	41.75-283.9116.7-334.54	0.44

Table 70. DBS - East & West. Abundance of Great northern diver recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.58)	0-25.59	1	8.5255 (8.35)	0-25.5664	0.98	8.5257 (8.12)	0-25.5772	0.95
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.345 (8.05)	0-25.0351	0.9695
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 71. DBS - East & West. Abundance of Great skua recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		8.354 (8.42)	0-25.0521	1.0400	8.364 (8.63)	0-25.2839	1.03
Sep 2021	8.51 (8.39)	0-25.29	0.99	8.4753 (8.24)	0-25.46	0.97	8.4755 (8.6)	0-25.4166	1.0201
Oct 2021	8.44 (8.33)	0-25.11	0.99	8.3743 (8.37)	0-25.43	1.00099	8.3845 (8.6)	0-33.5281	1.0302
Nov 2021	9.86 (9.06)	0-27.45	0.92	9.4286 (8.83)	0-27.3629.59	0.9789	18.2419.66 (13.31)	0-45.5249.16	0.7368
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		16.8617.04 (16.5)	0-50.5851.12	0.9897
Sep 2022	0 (0)	0-0		8.7248 (8.52)	0-26.4625.45	0.98100	8.75 (8.69)	0-26.425.5	1.0002
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	8.21 (8.15)	0-24.95	0.99	8.3718 (8.18)	0-25.424.55	1.00098	16.6869 (11.46)	0-41.7450.06	0.69
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 72. DBS - East & West. Abundance of Guillemot recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	5995 (583.78)	4848.96-7062.25	0.10	9069.24 9052.09 (734.71)	7664.29-10425.79 7101.57-10984.1	0.08	13511.94 13517.68 (1042.55)	11400.01-15351.10 659.04-16205.11	0.08
Apr 2021	5377.48 (586)	4220.76-6514.65	0.11	8000.53 8008.88 (777.6)	64255946.11-10188.55-9533.64	0.10	11832.87 11839.08 (1565.21)	9155.58-15064.46 8167.56-16269.69	0.13
May 2021	618.54 (84.36)	453.45-789.35	0.14	801.89 802.43 (94.85)	633.07-996.24 574.43-1055.75	0.12	1347.07 1346.37 (149.79)	1060.81-1641.95 967.46-1733.49	0.11
Jun 2021	684.48 (85.02)	520.04-844.34	0.12	1252.23 1255.22 (117.98)	1013.71-1482.23 948.05-1562.33	0.09	1628.02 1634.72 (212.56)	12441147.14-2173.45-2062.94	0.13
Jul 2021	5284.9 (398.55)	4552.25-6050.6	0.08	7841.13 7845.94 (463.76)	6916.72-8773.86 624.86-9185.33	0.06	11407.82 11416 (651.69)	10163.58-12670.04 9605.19-13361.31	0.06
Aug 2021	1916.89 (219.9)	1500.37-2350.57	0.11	2755.07 2753.42 (280.56)	2228.68-3314.64 2043.34-3572.2	0.10	4521.76 19 (498.47)	3577.08-5524.74 3224.86-5976.96	0.11
Sep 2021	1185.36 (140.41)	901.85-1466.55	0.12	2192.56 2187.13 (219.75)	1786.22-2641.65 1646.57-2744.82	0.10	3997.75 3987.34 (385.83)	3302.8-4819.54 3014.5-5034.79	0.10
Oct 2021	914.15 (99.64)	719.83-1113.22	0.11	1590.53 1592.37 (156.79)	1297.54-1917.11 98.16-2028.62	0.10	2354.74 81 (344.03)	1801.67-3108.93 1635.9-3331.57	0.15
Nov 2021	7758.8 (620.47)	6770.06-9158.19	0.08	11464.05 11169.32 (637.72)	10158.72-12677.26 9507.39-12804.56	0.06	15985.78 15620.14 (695.1)	14683.75-17397.51 13728.88-17552.07	0.04
Dec 2021	1045.79 (158.67)	756.87-1369.55	0.15	1674.08 21 (249.03)	1214.98-2150.17 1036.48-2345.92	0.15	2351.99 68 (269.94)	1842.53-2886.92 1671.55-3066	0.11
Jan 2022	873.62 (150.19)	579.03-1166.87	0.17	1726.06 1732.47 (310.53)	1103-2323.87 987.85-2443.13	0.18	2383.74 2388.67 (314.48)	1812.99-3021.86 1656.44-3171.55	0.13
Feb 2022	2146.6 (215.14)	1728.93-2593.71	0.10	3065.47 3067.18 (305.98)	2457.38-3656.91 2217.63-3882.59	0.10	4328.24 327.95 (319.64)	3719.21-4945.32 3436.24-5195.14	0.07
Mar 2022	2344.34 (486.77)	1461.75-3341.13	0.21	3403.75 3409.92 (545.16)	2418.01-4516.08 2184.87-4837.64	0.16	5597.99 5601.22 (881.09)	3997.94-7450.17 3403.86-7968.43	0.16
Apr 2022	3551.75 (358.28)	2900.66-4271.99	0.10	5117.16 5122.44 (531.88)	4130.52-6145.61 3808.57-6486.43	0.10	7249.02 7266.05 (686.48)	5900.3-8571.59 5570.62-8978.52	0.09
May 2022	6921.44 (568.33)	5761.26-7964.39	0.08	9954.46 9988.83 (650.96)	8654.01-11230.01 8285.63-11751.84	0.07	14342.58 14374.92 (715.76)	12918.22-15741.86 12507.39-16199.57	0.05
Jun 2022	1287.58 (334.31)	678.87-1911.12	0.26	1711.98 1716.95 (363.48)	1032.22-2375.16 958.72-2491.4	0.21	2247.63 2256.82 (433.99)	1492.83-3128.44 1388.8-3259.93	0.19
Jul 2022	5643.1 (866.06)	3983.82-7299.7	0.15	8200.61 76 (1133.38)	6025.93-10358.65 5410.3-10973.73	0.14	11097.28 11093.45 (1370.3)	8427.9-13800.03 7711.38-14823.4	0.12

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Aug 2022	20050.42 (3716.04)	12995.39- 26875.6	0.19	25602.96 25661.81 (4263.38)	17562.64- 33837.12 14347.25-37037.17	0.17	34572.83 4665.6 (6400.9)	22751.36- 47053.71 8880.34-51630.21	0.19
Sep 2022	1150.06 (134.82)	897.7-1412.13	0.12	1769.93 1754.92 (180.7)	1412.46- 2418.69 1262.07-2221.34	0.10	2566.52 550.88 (253.3)	2088- 3071.53 1937.46-3224.83	0.10
Oct 2022	3488.75 (370.59)	2777.38- 4233.4	0.11	5242.85 236.87 (455.29)	4410.59- 6433.82 4009.92-6513.96	0.09	7212.98 7202.81 (492.08)	6245.36- 8437.93 5925.14-8564.59	0.07
Nov 2022	8030.37 (795.78)	6552.38- 9737.83	0.10	11244.39 11168.05 (917.19)	9503.56- 13061.36 8717.04-13786.8	0.08	14281.22 14202.78 (944.13)	12529.22- 16416.63 11801.03-16716.27	0.07
Dec 2022	7579.32 (915.54)	5788.25- 9244.75	0.12	11035.38 11112.58 (1008.2)	9183.58- 13113.62 8631.19-13886.22	0.09	14973.15 15055.85 (1245.27)	12589.11- 17482.87 12033.64-18267.43	0.08
Jan 2023	3469.77 (335.62)	2895.68- 4173.73	0.10	4956.49 61.32 (399.14)	4221.36- 5773.66 3941.85-6089.5	0.08	6990.66 6998.92 (514.04)	6043.05- 8009.84 5628.06-8428.69	0.07
Feb 2023	10035.99 (1126.64)	7840.19- 12216.49	0.11	14017.88 14030.36 (1217.54)	11593.17- 16426.71 10834.31-17025.26	0.09	19105.74 19156.69 (1386.65)	16416.7- 21811.48 15625.43-22837.22	0.07

Table 73. DBS - East & West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	9635.43 (943.6)	7837.67-11415.14	0.10	14563.6814507.59 (1179.83)	12302.75-16742.0711380.94-17606.12	0.08	24472.6721435.64 (1656.77)	18116.46-24395.2216909.05-25691.61	0.08
Apr 2021	9151.79 (996.37)	7176.6-11076.92	0.11	13605.0813603.68 (1322.32)	10926.8-16212.1310109.27-17289.35	0.10	20040.3420006.4 (2650.86)	15506.04-25513.4213883.16-27335.13	0.13
May 2021	743.78 (99.18)	533.12-928.02	0.13	979.1484 (115.82)	773.01-1216.46704-1286.32	0.12	1624.91632.47 (180.68)	1279.61-1980.61173.21-2101.7	0.11
Jun 2021	778.42 (96.71)	591.54-960.44	0.12	1354.451349 (127.61)	1096.46-1603.221013.83-1685.35	0.09	1772.921779.67 (231.48)	1355.21-2246.551243.68-2375.49	0.13
Jul 2021	5495.3 (414.41)	4733.48-6291.47	0.08	8146.38151.38 (481.81)	7185.92-9115.276883.15-9542.25	0.06	11856.3511865.07 (677.31)	10563.19-13168.29984-13885.37	0.06
Aug 2021	2426.11 (278.22)	1898.29-2973.98	0.11	3665.073664.21 (373.23)	2964.82-4409.472708.86-4764.49	0.10	6159.966177.81 (679.06)	4873.03-7526.34393.83-8194.09	0.11
Sep 2021	1470.94 (174.27)	1119.31-1820.19	0.12	2725.882728.77 (273.21)	2220.7-3284.222053.39-3425.96	0.10	4929.434926.75 (475.74)	4072.53-5942.733719.23-6220.62	0.10
Oct 2021	1485.32 (163.62)	1182.1-1828.14	0.11	2528.12539.73 (249.21)	2062.1910.62-3236.4-3047.03	0.10	3804.463806.35 (555.84)	2910.89-5022.972661.98-5346.35	0.15
Nov 2021	1115.34 (889.22)	9702.46-13124.99	0.08	16844.9416365.53 (937.05)	14926.13936.89-18751.94-18627.6	0.06	23423.3622862.33 (1018.51)	21515.54-25491.9120102.93-25682.03	0.04
Dec 2021	2210.55 (335.4)	1599.88-2894.98	0.15	3739.063714 (556.22)	2713.66-4802.412289.65-5212.19	0.15	5357.785274.26 (614.92)	4197.25-6576.343703.62-6921.76	0.412
Jan 2022	1999.54 (345.15)	1330.65-2681.55	0.17	3814.183829.74 (686.19)	2437.35-5135.182166.43-5410.84	0.18	5120.015123.59 (675.48)	3894.09-6490.63543.99-6810.98	0.13
Feb 2022	4703.77 (471.98)	3792.93-5690.07	0.10	6664.076655.83 (665.16)	5342.12-7949.84838.01-8390.14	0.10	9256.849236.1 (683.63)	7954.37-10576.77353.89-11084.4	0.07
Mar 2022	6139.08 (1273.64)	3824.64-8742.03	0.21	8677.888573.98 (1389.89)	6164.73-11513.765514.06-12129.44	0.16	14226.4814278.66 (2239.16)	10160.17-18933.528692.16-20310.15	0.16
Apr 2022	4146.77 (418.28)	3386.38-4987.35	0.10	6003.476009.39 (624.01)	4845.94-7210.054464.74-7614.14	0.10	8429.298448.59 (798.26)	6860.97-9967.26477.74-10439.11	0.09
May 2022	7206.58 (591.06)	5991.71-8282.97	0.08	10393.5110429.33 (679.68)	9035.69-11725.318651.01-12270.09	0.07	14974.5915000.08 (747.3)	13487.47-16435.5413051.19-16904.11	0.05
Jun 2022	1321.19 (343.05)	696.62-1961.08	0.26	1770.721775.73 (375.96)	1067.64-2456.66992.74-2575.29	0.21	2306.342324.03 (445.33)	1531.82-3210.151431.31-3354.96	0.19
Jul 2022	6027.28 (923.71)	4249.01-7785.62	0.15	8799.0116 (1216.08)	6465.65-11114.525814.58-11766.1	0.14	11891.1511887.79 (1468.33)	9030.8-14787.248273.44-15878.01	0.12

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Aug 2022	21009.94 (3906.93)	13662.94- 28256.16	0.19	27052.52 114.99 (4504.75)	18556.97- 35752.85 1516 0.7-39 133.93	0.17	36553.93 36643 (6767.7)	24055.09- 49750.02 199 61.66- 54574.78	0.19
Sep 2022	1481.71 (165.23)	1100.18- 1730.65	0.11	2336.66 2335.05 (238.56)	1864.72- 2797.09 1679. 2-29 55.36	0.10	3340.83 3319.76 (329.72)	2717.94- 3998.22 521.1 8-41 97.48	0.10
Oct 2022	4011.8 (420.6)	3152.16- 4804.65	0.10	5889.75 5960.74 (511.47)	4954.84- 6890.72 4535 .16-74 35.13	0.09	8028.43 8112.65 (547.72)	6951.42- 9057.95 6654 .19-96 61.8	0.07
Nov 2022	9032.04 (895.04)	7369.74- 10952.55	0.10	12708.51 12616.0 4 (1036.62)	10741- 14762.06 984 4.09- 155 74.58	0.08	16299.94 16213.5 2 (1077.59)	14300.3- 18394.81 346 9.05- 190 82.46	0.07
Dec 2022	8785.28 (1061.05)	6708.23- 10714.11	0.12	13012.86 13105.8 1 (1188.87)	10829.23- 15463.52 1017 7.51-16 378.09	0.09	17877.14 18044.5 6 (1486.78)	15030.72- 20873.61 1445 3.51-21 867.13	0.08
Jan 2023	4167.77 (400.66)	3456.81- 4982.52	0.10	6015.62 6013.98 (484.48)	5123.91- 7008.14 778.0 5-73 81.82	0.08	8502.38 8563.62 (625.2)	7313.36- 9741.92 6888 .17-10 312.15	0.07
Feb 2023	11816.75 (1328.49)	9244.89- 14405.28	0.11	16625.86 16640. 7 (1444.06)	13750.04- 19482.84 128 50.3- 201 92.36	0.09	22537.76 22615.6 (1635.73)	19365.68- 25729.54 184 52.92- 269 52.5	0.07

Table 74. DBS - East & West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	12280.9 (1202.15)	9985.17- 14542.85	0.10	18616.26 18551.8 8 (1508.13)	15726.18- 24400.82 1455 3.65- 22514.03	0.08	27543.25 27500. 47 (2125.16)	23238.21- 31292.05 2169 0.98- 32962.49	0.08
Apr 2021	11932.51 (1299.38)	9359.07- 14445.52	0.11	17743.57 1738.6 (1724.55)	14250.6- 24143.65 1318 3.24- 22542.42	0.10	26158.49 26121.0 7 (3460.11)	20239.67- 33302.06 1812 9.24-35684.1	0.13
May 2021	969.4 (128.82)	692.44- 1205.35	0.13	1257.69 1258.6 (148.77)	992.92- 1562.52 905.5 8-1650.85	0.12	2104.79 2112.1 (234.05)	1657.52- 2565.54 1518. 37-2718.78	0.11
Jun 2021	1026.47 (126.46)	773.56- 1255.96	0.12	1771.86 1758.84 (166.94)	1434.36- 2097.31 22.4 3-2196.64	0.09	2318.43 2327.27 (302.71)	1772.2- 2937.79 1626. 43-3106.29	0.13
Jul 2021	7186.8 (541.34)	6183.24- 8218.41	0.08	10655.46 10662. 14 (630.21)	9399.27- 14922.88 900 3.38-12481.22	0.06	15512.27 15523.61 (886.16)	13820.36- 17228.63 1306 2.26-18167.28	0.06
Aug 2021	3176.45 (365.22)	2491.91- 3903.99	0.11	4808.84 4807.7 2 (489.71)	3890.06- 5785.55 3554. 16-6251.45	0.10	8073.98 8100.52 (890.06)	6387.18- 9864.88 5761 .44-10744.04	0.11
Sep 2021	1933.26 (228.04)	1464.7- 2381.85	0.12	3572.43 3582.07 (358.06)	2910.36- 4304.16 2695. 47-4497.28	0.10	6462.47 6464.79 (623.7)	5339.07- 7790.94 880. 26-8162.57	0.10
Oct 2021	1938.51 (213.9)	1545.32- 2389.86	0.11	3306.62 3319.3 (325.95)	2697.51- 3985.35 2497. 03-4229.93	0.10	4986.02 4988.5 7 (728.47)	3814.93- 6582.97 3489 .43-7005.4	0.15
Nov 2021	14518.34 (1161.52)	12673.55- 17144.13	0.08	21979.62 1351.39 (1222.68)	19476.95- 24305.64 181 83.48- 24463.91	0.06	30596.93 29864 .77 (1330.43)	28104.83- 33298.99 262 61.29- 33547.12	0.04
Dec 2021	2899.25 (439.89)	2098.3- 3796.87	0.15	4903.27 4869.8 4 (729.4)	3558.6- 6297.74 3002. 53-6834.03	0.15	7022.69 13.45 (805.92)	5500.99- 8619.07 4854 .47-9073.19	0.412
Jan 2022	2579.3 (444.8)	1714.81- 3455.72	0.17	4934.04 4962.82 (887.66)	3152.95- 6642.86 2804 .61-7013.36	0.18	6647.62 6654.9 4 (877.01)	5055.94- 8427.15 4602. 19-8847.6	0.13
Feb 2022	6144.12 (616.24)	4952.25- 7429.26	0.10	8713.27 8707.64 (869.7)	6984.82- 10394.37 632 9.52- 10976.48	0.10	12117.28 12089.5 4 (894.88)	10412.34- 13844.99 962 5.87- 14508.85	0.07
Mar 2022	7934.05 (1647.01)	4945.83- 11304.76	0.21	11239.12 11105.72 (1800.12)	7984.22- 14912.71 157- 15712.21	0.16	18469.17 18541.2 7 (2906.93)	13190.18- 24579.97 1128 7.52-26373.22	0.16
Apr 2022	5302.92 (534.89)	4330.46- 6377.76	0.10	7675.74 7683.38 (797.83)	6195.78- 9218.42 5709. 35-9733.91	0.10	10756.35 10781.3 3 (1018.63)	8755.06- 12718.82 8265 .95-13321.9	0.09
May 2022	9412.88 (772.24)	7828.33- 10821.92	0.08	13576.57 13623 (887.83)	11802.92- 15316.25 1130 0.07- 16027.47	0.07	19575.68 19602. 94 (976.92)	17631.63- 21485.52 1705 6.2-22091.19	0.05
Jun 2022	1725.14 (447.93)	909.6- 2560.65	0.26	2307.81 2314.38 (489.99)	1391.47- 3201.81 1293. 46-3356.98	0.21	3010.82 3031.43 (581.35)	1999.72- 4190.71 1866. 39-4377.2	0.19

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jul 2022	7880.52 (1208.13)	5557.31- 10182.86	0.15	11504.4665 (1589.99)	8453.65- 14531.927601 .8-15384.37	0.14	15522.6815518.1 5 (1916.76)	11788.79- 19303.231079 8.11-20728.24	0.12
Aug 2022	27543.29 (5122.66)	17914.49- 37048.73	0.19	35463.2235545. 12 (5905.3)	24326.39- 46868.53198 74.16- 51300.81	0.17	47918.0248037. 45 (8871.67)	31533.47- 65216.58261 8.11-20728.24 68.59- 71545.31	0.1918
Sep 2022	1924.1 (214.91)	1430.92- 2250.91	0.11	3016.733018.94 (307.99)	2407.44- 3611.162170.9 6-3820.7	0.10	4332.64314.62 (427.61)	3524.82- 5185.163276. 98-5454.79	0.10
Oct 2022	5189.29 (543.83)	4075.72- 6212.38	0.10	7620.547706.98 (661.78)	6410.9- 8915.675863. 78-9613.3	0.09	10390.7210497. 81 (708.88)	8996.82- 11723.178610. 08-12502.81	0.07
Nov 2022	11737.89 (1163.31)	9578.64- 14235.3	0.10	16506.8416386. 45 (1346.44)	13951.29- 19174.151279 0.18- 20228.84	0.08	21163.2321048.5 9 (1399.11)	18566.96- 23883.111748 7.8-24773.39	0.07
Dec 2022	11496.14 (1388.46)	8778.2- 14020.18	0.12	17026.4917148.3 5 (1555.55)	14169.35- 20233.011331 6.56-21430.12	0.09	23382.9623610. 04 (1944.69)	19659.9- 27302.291891 0.74-28612.15	0.08
Jan 2023	5396.66 (518.69)	4475.15- 6450.31	0.10	7767.747759.85 (625.6)	6616.31- 9049.296165 .06-9524.98	0.08	10966.2311039.3 6 (806.37)	9432.66- 12564.98888 0.14-13293.11	0.07
Feb 2023	15437.81 (1735.02)	12073.89- 18813.39	0.11	21724.7921735.7 8 (1886.93)	17966.99- 25457.96167 84.58- 26375.29	0.09	29410.1429514.7 2 (2134.51)	25270.81- 33575.19240 80.45- 35176.91	0.07

Table 75. DBS - East & West. Abundance of Herring gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	25.18 (14.08)	0-59.34	0.56	34.13 33.61 (16.48)	8.53-68.254- 67.22	0.484 9	42.5722 (19.16)	8.51-85.144- 93.07	0.45
Apr 2021	8.36 (8.4)	0-25.02	1.00	8.38 41 (8.03)	0-25.4322	0.96	16.78 (11.27)	0-41.9650.35	0.67
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.47)	0-25.59	0.99	8.52 55 (8.64)	0-25.5664	1.01	17.0515 (12.11)	0-42.6287	0.71
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	8.44 (8.98)	0-27.45	1.06	9.12 8.47 (8.97)	0-27.3625.41	0.981. 06	54.6289 (28.26)	9.1118.350- 146.37	0.5251
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.41 (8.63)	0-25.18	1.03	8.42 48 (8.45)	0-25.2645	1.00	8.3943 (8.1)	0-25.183	0.979 6
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		16.86 (16.63)	0-50.57	0.99	16.8981 (17.43)	0-50.6742	1.0304
Aug 2022	17.02 (11.89)	0-42.08	0.70	16.86 17.01 (11.49)	0-42.4452	0.68	42.4542 (21.67)	8.43-92.730- 101.7	0.51
Sep 2022	0 (0)	0-0		8.72 48 (8.26)	0-26.1625.45	0.959 7	8.75 (9.16)	0-26.3225.71	1.0508
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	16.85 (11.33)	0-41.58	0.67	25.429 (14.15)	0-58.5667.32	0.56	25.0319 (14.24)	0-58.3967.07	0.57
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	16.76 (15.89)	0-49.79	0.95	16.6986 (16.04)	0-50.0657	0.969 5	25.0612 (18.51)	0-66.8275.36	0.74
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 76. DBS - East & West. Abundance of Kittiwake recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	9670.53 (1328.69)	7154.65- 12326.61	0.14	12584.32 12476.0 7 (1500.61)	9749.86- 15631.22 8993 .87-16377.53	0.12	16023.62 15916.7 7 (1573.55)	13034.94- 19150.22 1202 0.43- 20143.72	0.10
Apr 2021	3504.98 (636.42)	2543.92- 4980.24	0.18	5060.02 5064.0 5 (773.46)	3694.27- 6644.62 3270 .69-7401.3	0.15	6050.74 6059.25 (792.49)	4514.95- 7662.83 4161. 48-8344.2	0.13
May 2021	1625.3 (204.82)	1234.4- 2048.94	0.13	2143.99 2144.71 (249.88)	1696.41- 2642 1519.72- 2854.35	0.12	3056.16 3055.37 (272.16)	2559.22- 3611.82 2356. 46-3855.09	0.09
Jun 2021	308.04 (98.37)	153.52- 520.46	0.32	451.48 452.46 (111.02)	264.07- 690 221.99- 734.37	0.25	1005.7997 (347.73)	468.8- 1789.97 350.5 1-1966.99	0.35
Jul 2021	286.14 (83.1)	143.06- 463.05	0.29	389.94 391.07 (81.32)	237.35- 554 212.6- 595.01	0.21	1193.25 1190.68 (626.82)	372.36- 2615 314.07- 2749.01	0.53
Aug 2021	225.81 (155.73)	16.67-575.14	0.69	333.95 335.58 (200.69)	41.74- 784.99 25.1- 839.11	0.60	426.27 427.49 (211.85)	117.01- 902.68 83.73- 956.29	0.50
Sep 2021	521.08 (109.19)	328.5-741.92	0.21	863.48 860.46 (172.22)	550.26- 1210.56 446.1 9-1342.79	0.20	1270.47 1266.34 (217.93)	863.71- 1677.24 717.21 -1891.5	0.17
Oct 2021	854.15 (177.19)	535.69- 1255.52	0.21	1866.78 1861.48 (613.94)	845.49- 2963.61 702.4 3-3112.8	0.33	2597.76 2586.3 (672.81)	1458.1- 4040.14 1260. 37-4296.03	0.26
Nov 2021	873.99 (128.17)	667.88- 1161.93	0.15	1167.38 1139.9 (135.24)	912.02- 1450.17 64.6 5-1501.25	0.12	1629.53 1602.69 (164.42)	1356.42- 1966.36 1192. 85-2105.17	0.10
Dec 2021	229.65 (87.81)	85.06-433.83	0.38	254.949 (88.83)	101.97- 450.39 59.21- 527.11	0.35	322.6658 (92.57)	169.82- 518.16 101.67- 611.69	0.29
Jan 2022	1132.95 (147.11)	873.05- 1443.89	0.13	2180.73 2181.03 (291.51)	1667.12- 2778.54 1489. 38-2999.46	0.13	2820.246 (309.31)	2249.45- 3475.12 056.1 5-3719.71	0.11
Feb 2022	730.96 (105.08)	532.04-939.6	0.14	982.9517 (119.88)	741.38- 1216.46 65.76 -1323.42	0.12	1417.71 (135.49)	1167.53- 1668.11 1058. 6-1800.28	0.10
Mar 2022	4391.33 (1013.26)	2589.17- 6540.68	0.23	8189.22 8201.19 (1759.35)	4995.47- 11770.11 4230. 43-13845.49	0.21	11734.74 11753.2 9 (1800.23)	8467.91- 15439.31 7516 .79-17248.76	0.15
Apr 2022	4338.81 (724.15)	3133.88- 5960.35	0.17	6262.67 6267.58 (851.59)	4732.33- 8027.76 4417. 52-8612.09	0.14	8914.79 8926.8 (969.45)	7147.95- 11092.22 6587 .19-11609.48	0.11
May 2022	1341.64 (245.99)	929.57- 1850.77	0.18	1967.25 1972.61 (253.25)	15021370.88- 2482.49 2676 .41	0.13	2654.47 2657.29 (270.27)	2165.29- 3219.07 1973. 81-3450.5	0.10
Jun 2022	681.09 (191.09)	343.42- 1089.76	0.28	973.48 975.58 (214.15)	604.23- 1418.25 563.11 -1505.61	0.22	1383.81 888.23 (281.99)	905.76- 1987.64 798.2 7-2137.72	0.20
Jul 2022	1817.74 (303.21)	1294.32- 2447.08	0.17	2469.4553 (383.54)	1752.64- 3211.56 1500. 07-3599.34	0.16	3183.92 3179.41 (452.33)	2390.05- 4071.12 065.1 6-4445.13	0.14

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Aug 2022	13061.28 (5772.32)	4282.91- 26018.56	0.44	16720.31 6766.1 (6275.32)	6328.9- 30887.89 376 8.93- 35937.85	0.3837	19356.05 19423. 54 (5991.13)	8945.64- 31398.36 581 6.15-37748.4	0.31
Sep 2022	6992.39 (5619.02)	644.95- 19470.43	0.80	9215.86 8983.45 (5896.69)	1298.9- 22349.98 1155 .35-21930.99	0.646 6	10857.59 10681. 81 (6128.99)	1947.93- 24185.11 1487. 18-25601.29	0.565 7
Oct 2022	1518.81 (227.76)	1127.78- 1978.04	0.15	28652 867.06 (626.6)	1840.02- 4476.61 565.8 3-4704.18	0.22	3707.3789 (651.83)	2631.1- 5119.91 2263. 99-5704.82	0.18
Nov 2022	4491.81 (599.46)	3425.77- 5770.94	0.13	7161.61 7133.94 (1057.9)	5312.43- 9370.54 4726. 49-10022.74	0.15	9367.88 9340.22 (1072.92)	7373.97- 11487.12 6789 .89-12258.29	0.11
Dec 2022	6940.27 (1222.65)	4680.57- 9378.84	0.18	10172.32 10235.5 7 (1327.38)	7800.8- 12829.36 699 1.43-13861.08	0.13	17088.19 17100.8 9 (2186.62)	13209.99- 21730.37 1188 6.82- 23456.58	0.13
Jan 2023	2119 (470.94)	1294.23- 3145.24	0.22	3095.42 3097.44 (567.44)	2110.89- 4272.05 1741. 6-4655.16	0.18	5136.55 137.95 (844.55)	3490.94- 6815.26 3039. 4-7578.5	0.16
Feb 2023	3467.97 (907.25)	1920.23- 5444.44	0.26	4530.52 4532.2 (885.85)	2917.26- 6394.77 2473. 64-7225.25	0.20	5636.53 5641.52 (908.22)	3999.85- 7557.33 3550. 28-8468.32	0.16

Table 77. DBS - East & West. Abundance of Large gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.43)	0-25.43	0.98	8.5366 (8.54)	0-25.699	0.9910	17.0327 (11.23)	0-42.5743.16	0.6665
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.4243 (8.16)	0-25.2628	0.97
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		8.4753 (8.21)	0-25.46	0.9796	8.4755 (8.48)	0-25.4166	1.000.99
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	9.86 (9.12)	0-27.45	0.93	9.4286 (9.39)	0-36.4839.46	1.030.95	9.483 (8.94)	0-27.3129.5	0.9891
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.83 (11.4)	0-42.08	0.68	16.86 (11.97)	0-42.1450.57	0.71	33.7254 (21.43)	0-84.392.29	0.64
Sep 2022	8.48 (8.61)	0-26.15	1.02	8.7248 (8.69)	0-26.1625.45	1.0002	8.75 (8.96)	0-26.425.5	1.0305
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.8491 (16.23)	0-50.4472	0.9796
Nov 2022	8.43 (8.73)	0-25.15	1.04	8.3755 (8.24)	0-25.166	0.9996	8.345 (8.24)	0-25.0351	0.9997
Dec 2022	0 (0)	0-0		8.3815 (8.24)	0-25.1424.44	0.981.01	16.793 (11.26)	0-41.9740.75	0.6769
Jan 2023	8.38 (7.95)	0-24.89	0.95	8.3443 (8.34)	0-25.0329	1.000.99	8.3542 (8.46)	0-25.0625	1.01
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 78. DBS - East & West. Abundance of Lesser black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (8.41)	0-25.43	1.00	8.534 (8.25)	0-25.621	0.9798	8.544 (8.5)	0-25.5419	1.0001
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.46 (8.37)	0-25.19	0.99	8.4443 (8.55)	0-25.3229	1.01	8.4243 (8.21)	0-25.2628	0.97
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		8.4844 (8.53)	0-25.4332	1.01	16.9383 (11.74)	0-42.3106	0.6970
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.3831 (8.02)	0-25.4424.92	0.96
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.41 (8.79)	0-33.44	1.05	8.3638 (8.32)	0-25.0814	1.000.99	8.3741 (8.26)	0-25.4124	0.9998
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		25.4828 (24.74)	0-75.5384	0.98	25.4633 (25.19)	0-75.4899	1.000.99
Jul 2022	0 (0)	0-0		8.43 (8.13)	0-25.28	0.9697	8.4549 (8.12)	0-25.3446	0.96
Aug 2022	16.65 (17.02)	0-50.5	1.02	16.867 (16.28)	0-50.5711	0.97	16.8668 (16.94)	0-5450.46	1.0002
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 79. DBS - East & West. Abundance of Little auk recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	17.07 (17.01)	0-51.04	1.0	33.99 34.03 (24.27)	0-84.9 85.07	0.71	33.96 34.11 (24.91)	0-84.9 85.27	0.73
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	33.31 (16.73)	8.12-66.63	0.5	100.556 (45.32)	25.14 192.72 8.62- 242.42	0.45	142.68 143.01 (51.74)	50.36 251.79 25.44- 302.33	0.36
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 80. DBS - East & West. Abundance of Little gull recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		237.03 235.66 (170.55)	0- 626.45 690.1 9	0.72	287.97 285.82 (170.65)	33.88- 669.12 16.77- 740.05	0.596 0
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.64)	0-26.15	1.02	8.72 48 (8.77)	0- 26.16 25.45	1.0403	8.75 (8.34)	0- 26.12 5.5	0.969 8
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 81. DBS - East & West. Abundance of Manx shearwater recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (8.16)	0-25.06	0.97	8.43 (8.68)	0-25.28	1.03	8.4549 (8.27)	0-25.3446	0.9897
Aug 2022	8.33 (8.27)	0-25.25	0.99	8.4335 (8.49)	0-25.2806	1.0402	8.4334 (7.91)	0-25.2902	0.9495
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 82. DBS - East & West. Abundance of Puffin recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	101.9 (26.94)	50.87-161.07	0.26	127.98 128.12 (26.27)	76.79-179.17 68.05-196.38	0.21	187.3109 (38.64)	110.68-263.94 85.15-288.79	0.21
Apr 2021	192.08 (27.62)	141.8-250.24	0.14	242.95 243.37 (28.79)	192.68-301.59 167.94-318.79	0.12	327.29 328.32 (41.58)	243.37-411.24 227.51-445.92	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42.3156 (25.03)	0-84.63	0.59
Aug 2021	24.89 (12.67)	0-50.01	0.51	33.39 18 (17.35)	0-66.79	0.52	33.43 29 (14.7)	8.36 32-58.51	0.44
Sep 2021	25.53 (13.22)	0-50.57	0.52	42.33 4 (18.56)	8.47 76-194-84.79	0.44	59.2954 (20.18)	25.41-101.64 8.55-118.91	0.34
Oct 2021	326.1 (69.32)	192.51-460.56	0.21	485.53 4 (75.15)	343.22-627.84 284.2-9-694.49	0.15	678.7755 (98.2)	486.03-880.41 18.7-946.55	0.14
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.28)	0-16.72	0.76	8.36 34 (6.74)	0-25.08	0.81	8.3733 (7.53)	0-25.11	0.90
May 2022	175.91 (32.41)	117.24-234.49	0.18	202.64 46 (42.85)	118.2-287.07 92.61-320.66	0.21	261.2305 (50.3)	168.54-362.36 134.71-404.33	0.19
Jun 2022	16.85 (11.76)	0-33.52	0.70	16.78 85 (11.87)	0-33.57	0.74	16.7789 (12.14)	0-33.55	0.72
Jul 2022	33.29 (15.93)	0-66.81	0.48	109.5758 (49.81)	16.86-193.85	0.45	185.864 (77.84)	33.78-337.82 16.81-405.7	0.42
Aug 2022	67.88 (25.65)	16.83-117.84	0.38	75.85 76.38 (27.53)	25.28-126.62 17.01-144.1	0.36	75.87 76.5 (25.43)	25.29-126.46 17.04-135.79	0.34
Sep 2022	17.43 (9.42)	0-34.86	0.54	17.44 46 (9.63)	0-34.43	0.88	17.441 (10.59)	0-43.57	0.61
Oct 2022	33.75 (11.63)	8.42-58.91	0.34	100.82 101.13 (38.21)	33.61-168.04 25.32-185.3	0.38	151.3287 (47.24)	67.25-235.39 42.26-269.84	0.31
Nov 2022	0 (0)	0-0		8.37 18 (7.3)	0-25.12	0.55	25.03 24.55 (12.96)	0-50.05	0.52
Dec 2022	67.07 (25.05)	24.99-116.6	0.37	75.41 69 (26.1)	25.14-125.69 8.62-142.76	0.35	109.11 108.43 (33.05)	41.97-176.25 16.3-192.12	0.30
Jan 2023	41.57 (14.15)	16.6-66.38	0.34	58.46 7 (18)	25.03-16.86- 108.91-78	0.31	66.8295 (18.08)	33.41-108.58 25-109.11	0.27

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Feb 2023	58.32 (21.56)	24.84-100.2	0.37	58.5443 (21.1)	25.08 400.3416.69 108.52	0.36	83.519 (29.55)	33.4 150.3416.6 166.37	0.353 6

Table 83. DBS - East & West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	101.9 (26.94)	50.87-161.07	0.26	127.98 128.12 (26.27)	76.79-179.17 68.05-196.38	0.21	187.3109 (38.64)	110.68-263.94 85.15-288.79	0.21
Apr 2021	192.08 (27.62)	141.8-250.24	0.14	242.95 243.37 (28.79)	192.68-301.59 167.94-318.79	0.12	327.29 328.32 (41.58)	243.37-411.24 227.51-445.92	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42.3156 (25.03)	0-84.63 85.13	0.59
Aug 2021	24.89 (12.67)	0-50.01	0.51	33.39 18 (17.35)	0-66.79 37	0.52	33.43 29 (14.7)	8.36 32-58.5126	0.44
Sep 2021	25.53 (13.22)	0-50.57	0.52	42.33 4 (18.56)	8.47 76.194-84.79	0.44	59.2954 (20.18)	25.41-101.64 8.55-118.91	0.34
Oct 2021	351.14 (74.65)	207.32-495.99	0.21	535.76 543.81 (82.92)	378.72-692.79 318.82-778.92	0.15	754.19 762.05 (109.11)	540.04-977.88 471.03-1063.35	0.14
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.28)	0-16.72	0.76	8.36 34 (6.74)	0-25.08 03	0.81	8.37 33 (7.53)	0-25.11 24.98	0.90
May 2022	175.91 (32.41)	117.24-234.49	0.18	202.64 46 (42.85)	118.2-287.07 92.61-320.66	0.21	261.2305 (50.3)	168.54-362.36 134.71-404.33	0.19
Jun 2022	16.85 (11.76)	0-33.52	0.70	16.78 85 (11.87)	0-33.57 7	0.7470	16.77 89 (12.14)	0-33.55 77	0.72
Jul 2022	33.29 (15.93)	0-66.81	0.48	109.57 58 (49.81)	16.86-193.85 87	0.45	185.86 4 (77.84)	33.78-337.82 16.81-405.7	0.42
Aug 2022	67.88 (25.65)	16.83-117.84	0.38	75.85 76.38 (27.53)	25.28-126.62 17.01-144.1	0.36	75.87 76.5 (25.43)	25.29-126.46 17.04-135.79	0.3433
Sep 2022	17.43 (9.42)	0-34.86	0.54	17.44 46 (9.63)	0-34 43.88	0.55	17.44 1 (10.59)	0-43.57 4	0.61
Oct 2022	33.75 (11.63)	8.42-58.91	0.34	100.82 101.13 (38.21)	33.61-168.04 25.32-185.3	0.38	151.32 87 (47.24)	67.25-235.39 42.26-269.84	0.31
Nov 2022	0 (0)	0-0		8.37 18 (7.3)	0-25.12 4.55	0.8789	25.03 24.55 (12.96)	0-50.05 49.09	0.5253
Dec 2022	67.07 (25.05)	24.99-116.6	0.37	75.41 69 (26.1)	25.14-125.69 8.62-142.76	0.3534	109.11 108.43 (33.05)	41.97-176.25 16.3-192.12	0.30
Jan 2023	41.57 (14.15)	16.6-66.38	0.34	58.46 7 (18)	25.03-16.86- 108.91-78	0.31	66.82 95 (18.08)	33.41-108.58 25-109.11	0.27

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Feb 2023	58.32 (21.56)	24.84-100.2	0.37	58.5443 (21.1)	25.08 400.3416.69 108.52	0.36	83.519 (29.55)	33.4 150.3416.6 166.37	0.353 6

Table 84. DBS - East & West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	118.85 (31.43)	59.34-187.92	0.26	145.0418 (29.78)	87.02-203.06 77.15-222.58	0.21	242.85221.15 (43.91)	125100.78-299.93 340.95	0.2420
Apr 2021	225.48 (32.42)	166.47-293.76	0.14	284.84 285.34 (33.76)	225.9-353.59 197.5-373.18	0.12	377.64387.23 (47.97)	280.84-474.26 7.88-526.48	0.1312
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		50.7851.08 (30.04)	0- 104.55 102.15	0.59
Aug 2021	24.89 (12.67)	0-50.01	0.51	41.7448 (21.69)	0.83.49 82.96	0.52	41.7961 (18.38)	10.4573.134-72.82	0.44
Sep 2021	25.53 (13.22)	0-50.57	0.52	50.7942.4 (22.27)	10.16-91.43 8.4-84.79	0.4453	67.7668.09 (23.07)	29.04-116.16 10.26-134.3	0.34
Oct 2021	409.67 (87.1)	241.87-578.66	0.21	627.84 635.83 (97.17)	443.82-811.86 372.78-910.77	0.15	879.89887.68 (127.29)	630.04-1140.86 548.6-5-1238.63	0.14
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.28)	0-16.72	0.76	8.3634 (6.74)	0-25.0803	0.81	8.3733 (7.53)	0-25.1124.98	0.90
May 2022	209.4 (37.04)	133.99-267.99	0.18	236.4423 (49.99)	137.9-334.91 107.81-374.29	0.21	303.3712 (58.42)	195.72-420.81 156.48-469.69	0.19
Jun 2022	16.85 (11.76)	0-33.52	0.70	16.7885 (11.87)	0-33.577	0.7470	16.7789 (12.14)	0-33.5577	0.72
Jul 2022	41.61 (19.92)	0-83.52	0.48	126.4244 (57.47)	19.45-223.6769	0.45	219.58210.94 (92)	19.39-92-399.24-459.05	0.4244
Aug 2022	76.39 (28.85)	18.94-132.57	0.38	84.2888 (30.59)	28.09-140.69 19.13-158.98	0.36	84.385.02 (28.26)	28.7-140.51 19.17-149.63	0.3433
Sep 2022	17.43 (9.42)	0-34.86	0.54	17.4446 (9.63)	0-3443.88	0.55	17.441 (10.59)	0-43.574	0.61
Oct 2022	33.75 (14.53)	10.52-73.64	0.43	117.63118.01 (44.58)	30.39-21-196.04 214	0.38	176.54168.77 (55.11)	78.46-274.62 47.9-298.01	0.3133
Nov 2022	0 (0)	0-0		8.3718 (7.3)	0-25.124.55	0.8789	25.0324.55 (12.96)	0-50.0549.09	0.5253
Dec 2022	75.62 (28.18)	28.11-131.17	0.37	83.7992.46 (29)	27.93-139.65 10.34-174.57	0.3531	125.923 (38.13)	48.42-203.37 18.34-221.97	0.30

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jan 2023	41.57 (16.99)	19.91-79.66	0.41	66.75 67.1 (20.57)	28.61 104.89 20.23- 124.08	0.31	75.4736 (20.33)	37.58 122.45 26.68- 124.3	0.27
Feb 2023	66.64 (24.64)	28.39-114.51	0.37	66.8778 (24.11)	28.66 114.64 19.47- 123.82	0.36	100.29 1.48 (35.46)	40.08 180.37 18.67- 182.97	0.353 9

Table 85. DBS - East & West. Abundance of Razorbill recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	2045.97 (348.56)	1398.59- 2780.86	0.17	3182.34 150.13 (401.52)	2414.48- 3950.22 10.9 2-4141.23	0.13	4614.67 4579.71 (416.57)	38483529.12- 5681.18- 5449.26	0.09
Apr 2021	1462.21 (293.22)	925.69- 2060.75	0.20	2094.38 2098.75 (295.18)	1558.22- 2706.15 1402. 38-2870.65	0.14	2819.75 2826.77 (457.14)	2022.29- 3785.05 1684. 59-4236.84	0.16
May 2021	377.29 (81.28)	243.52- 546.03	0.22	540. 2227 (99.76)	362.96- 742.82 86.99- 827.39	0.18	690. 3722 (115.96)	463.05- 917.93 78.77- 1001.89	0.17
Jun 2021	8.49 (7.32)	0-25.59	0.86	34. 0702 (16.79)	8.52-68.150- 85.07	0.49	93. 7691 (37.15)	25.57- 170.69 8.47- 196.39	0.40
Jul 2021	42.08 (20.91)	8.42-92.57	0.50	42. 3842 (19.78)	8.48-84.770- 101.86	0.47	42. 3136 (20.3)	8.46-84.630- 101.65	0.48
Aug 2021	33.34 (15.08)	8.34-66.68	0.45	75. 1441 (15.22)	50.09- 108.53 42.01- 125.51	0.20	192. 2414 (57.92)	91.94- 309.25 58.55- 359.09	0.30
Sep 2021	176.09 (45.05)	92.71-269.71	0.26	245.52 44.47 (53.2)	152.38- 355.55 117.83- 388.04	0.22	381.14 379.24 (83.09)	228.47- 550.54 185.34 -598.3	0.22
Oct 2021	193.51 (60.59)	83.7-318.27	0.31	477.16 476.97 (141.71)	200.91- 745.04 151.3- 811.28	0.30	670.39 669.36 (207.44)	301.68- 1106.35 218.61 -1262.05	0.31
Nov 2021	1553.48 (237.09)	1234.89- 2150.02	0.15	2225.32 2088.9 (191.14)	1869.63- 2617.72 1671.2 -2526.54	0.09	2885.82 2718.86 (244.68)	2421.31- 3368.32 159.3 4-3306.72	0.080 9
Dec 2021	511.94 (151.76)	246.69- 833.64	0.30	671. 3388 (156)	399.4- 1002.75 348.7 4-1046.28	0.23	789.66 791.87 (187.22)	458.3- 1180.24 374.8 4-1276.9	0.24
Jan 2022	529.23 (116.69)	327.39- 763.92	0.22	976.79 80.38 (243.53)	572.46 4.55- 1482.1598.01	0.25	1393.31 1396.66 (263.93)	948.46- 1072.46 849.4 -2069.96	0.19
Feb 2022	449.81 (80.3)	299.27-615.17	0.18	574.78 575.83 (96.58)	391.51- 774.91 334.03 -859.09	0.17	625.46 626.2 (95.26)	441.99- 800.83 75.69- 893.18	0.15
Mar 2022	571.91 (184.19)	250.38- 944.08	0.32	2097.86 2094.85 (957.84)	648.52- 4129.15 437.9 8-4710.05	0.46	2584.34 2580.05 (994.39)	1077.51- 4831.95 815.8 6-5376.67	0.383 9
Apr 2022	779.75 (200.88)	443.04- 1212.09	0.26	961.56 962.62 (240.46)	535.13- 1438.37 443.4 3-1565.6	0.25	1230.49 1233.11 (271.63)	703.14- 1749.48 578.3 9-1895.99	0.22
May 2022	393.4 (82.97)	242.86- 552.93	0.21	582.58 581.96 (95.35)	405.27- 776.77 337.16- 851.78	0.16	851.12 850.07 (119.42)	623.59- 1078.64 538.8 3-1178.05	0.14
Jun 2022	75.82 (31.23)	16.76-134.1	0.41	117. 499 (39.63)	41.96- 201.44 12.13- 210.73	0.34	192.89 193.4 (56.11)	92.25- 310.31 58.87- 344.9	0.29
Jul 2022	483.65 (152.03)	200.44- 776.72	0.31	699. 5455 (164.97)	404.55- 1053.52 286.5 6-1171.75	0.24	979. 6749 (192.57)	624.75- 1359.92 447.5 5-1485.79	0.20
Aug 2022	7310.01 (2228.43)	3483.94- 12087	0.30	9826.55 9783.33 (2518.47)	5266.6- 15248.22 4232 18-16980.84	0.26	12443.17 12392.5 2 (2757.34)	7535.45- 17999.61 550 5.94- 20465.16	0.22

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Sep 2022	5209.3 (3896.78)	488.07- 14398.45	0.75	6652.516495.08 (3855.86)	445.58- 15110.69982. 55-14841.61	0.585 9	7638.67493.07 (4633.57)	1643.86- 18308.49146 6.04- 18162.83	0.6462
Oct 2022	2374.98 (886.36)	1077.29- 4300.73	0.37	3806.073795.62 (914.09)	2226.3- 58231926.58- 6192.85	0.24	5178.555162.08 (965.18)	3539.02- 7204.783200. 11-7658.68	0.19
Nov 2022	2708.49 (265.37)	2211.92- 3259.66	0.10	3656.13628.7 (284.44)	3086.98- 4216.862844. 81-4430.45	0.08	4713.144682.63 (361.58)	4053.92- 5464.113768. 18-5713.88	0.08
Dec 2022	4740.36 (678.85)	3488.77- 6038.1	0.14	6896.067029.7 (889.85)	5236.78- 8748.915024. 57-9313.32	0.13	9366.619533.56 (1184.07)	7201- 11624.556787 .83-12411.4	0.1312
Jan 2023	4906.8 (736.95)	3534.4- 6372.62	0.15	6658.076630.7 8 (803.78)	5114.11- 8260.424582 .35-8854.83	0.12	9045.269017.84 (995.07)	6931.98- 10891.27640 8.03-11603.11	0.11
Feb 2023	4312.28 (554.73)	3297.93- 5410.83	0.13	6085.286088.8 2 (665.47)	4806.37- 7498.564449 .54-7987.19	0.11	8909.898922.18 (834.56)	7305.98- 10563.276641 .14-11260.99	0.09

Table 86. DBS - East & West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals and coefficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3358.69 (563.72)	2261.91-4497.44	0.17	5119.04 5092.16 (645.88)	3883.89-6354.23 575.8-6691.55	0.13	7330.68 7316.47 (661.74)	6413.07-8656.49 5642.02-9071.62	0.09
Apr 2021	2481.61 (499.31)	1576.32-3509.16	0.20	3568.82 3584.91 (502.98)	2655.2-4611.27 2402.36-4896.19	0.14	4775.44 838.7 (774.15)	3424.65-6409.82 907.76-7212.11	0.16
May 2021	435.88 (97.54)	292.23-655.24	0.22	658.39 49 (121.58)	442.36-905.29 348.64-1011.57	0.18	833.58 24.9 (140)	559.05-1108.24 52.74-1197.31	0.17
Jun 2021	8.49 (7.32)	0-25.59	0.86	34.07 42.51 (16.79)	8.52-68.15 0-104.88	0.494 0	102.28 38 (40.53)	27.9-186.21 0.59-213.34	0.40
Jul 2021	42.08 (20.91)	8.42-92.57	0.50	42.38 42 (19.78)	8.48-84.77 0-101.86	0.47	42.34 36 (20.3)	8.46-84.63 0-101.65	0.48
Aug 2021	41.72 (18.85)	10.42-83.35	0.45	100.18 62 (20.3)	66.79-144.74 60.02-161.52	0.20	259.12 50.69 (78.07)	123.92-416.82 77.74-466.11	0.30 31
Sep 2021	217.98 (55.78)	114.79-333.93	0.26	304.76 295.12 (66.04)	189.16-441.37 141.03-470.12	0.22	474.34 63.61 (103.4)	284.32-685.42 26.36-731.19	0.22
Oct 2021	319.8 (100.1)	138.29-525.84	0.31	753.41 27 (223.75)	317.22-1176.37 243.36-1277.27	0.30	1084.10 71.44 (334.5)	486.45-1783.99 360.01-2007.3	0.31
Nov 2021	2227.49 (340)	1770.92-3083.28	0.15	3265.02 3089.6 (280.45)	2743.15-3840.75 2473.93-3733.95	0.09	4233.99 5.14 (358.92)	3551.76-4940.89 3176.82-4854.23	0.08 09
Dec 2021	1075.11 (318.69)	518.05-1750.64	0.30	1504.12 1530.87 (349.51)	894.86-2246.66 795.17-2383.52	0.23	1791.59 1882.12 (424.78)	1039.79-2677.75 99.16-3021.49	0.24 23
Jan 2022	1218.25 (266.72)	748.33-1746.1	0.22	2155.47 2164.36 (537.44)	1263.55-3270.84 1020.37-3540.04	0.25	2988.07 3004.39 (566.01)	2034.05-4230.18 822.04-4459.63	0.19
Feb 2022	991.74 (175.47)	653.97-1344.27	0.18	1249.51 1269.33 (209.95)	851.12-1684.58 741.73-1881.62	0.17	1334.32 1361.61 (203.22)	942.92-1708.37 823.54-1934.79	0.15
Mar 2022	1469.49 (482.14)	655.4-2471.26	0.33	5349.95 5459.13 (2442.69)	1653.87-10530.17 1127.95-12329.85	0.464 5	6566.07 6513.88 (2526.46)	2737.64-12276.62 2067.13-13541.29	0.38 39
Apr 2022	905.55 (233.28)	514.5-1407.59	0.26	1128.79 1129.95 (282.27)	628.19-1688.52 520.61-1835.64	0.25	1431.39 1434.35 (315.98)	817.94-2035.16 74.08-2204.84	0.22
May 2022	410.15 (86.51)	253.2-576.46	0.21	607.94 598.84 (99.5)	422.89-810.54 346.95-876.48	0.16 17	884.82 883.66 (124.15)	648.29-1121.36 559.8-1225.1	0.14
Jun 2022	75.82 (31.23)	16.76-134.1	0.41	117.49 9 (39.63)	41.96-201.44 12.13-210.73	0.34	201.28 193.4 (58.55)	96.26-323.85 8.87-344.9	0.29 30
Jul 2022	508.68 (162.52)	214.27-830.29	0.32	750.11 2 (176.89)	433.8-1129.68 307.79-1255.55	0.24	1047.23 14 (205.85)	667.84-1453.74 179.48-1586.14	0.20
Aug 2022	7752.93 (2343.3)	3663.53-12710.05	0.30	10382.77 10337.12 (2661.03)	5564.71-16111.32 4471.63-17942.26	0.26	13151.32 13105.97 (2914.26)	7964.3-19023.97 582.465-21639.75	0.22

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Sep 2022	6316.16 (4774.03)	597.94- 17639.86	0.76	8774.19 8546.99 (5083.88)	1470.87- 19923.14 1297 .15-19522.86	0.585 9	9952.79 9762.59 (6037.36)	2141.89- 23855.25 190 3.07-23679.6	0.6462
Oct 2022	2644.39 (1005.38)	1221.94- 4878.21	0.38	4268.18 4182.1 (1025.08)	2496.6- 6530.64 2111. 59-6828.48	0.2425	5767.02 5658.11 (1074.86)	3941.19- 8023.51 3500. 97-8384.68	0.19
Nov 2022	3048 (298.65)	2489.25- 3668.37	0.10	4132.98 4111.12 (321.54)	3489.63- 4766.88 3221. 41-5021.69	0.08	5380.48 5346.56 (412.77)	4627.93- 6237.79 4300 .94-6525.99	0.08
Dec 2022	5502.81 (787.95)	4049.47- 7008.51	0.14	8136.18 8303.24 (1049.87)	6178.5- 10322.22 5935 .61-10998.71	0.13	11179.51 11278.17 (1413.25)	8594.75- 13874.46 803 4.03- 14684.41	0.13
Jan 2023	5832.8 (879.63)	4218.67- 7606.37	0.15	8068.11 8035.3 (974)	6197.18- 10009.81 5551 .17-10732.86	0.12	10999.63 10917. 49 (1210.08)	8429.75- 13244.57 750. 24-14055.68	0.11
Feb 2023	5105.89 (654.71)	3892.33- 6386.04	0.13	7222.09 7226.31 (789.79)	5704.26- 8899.39 5281. 16-9479.16	0.11	10513.17 10511.47 (984.74)	8620.65- 12464.06 782 7.46- 13262.68	0.09

Table 87. DBS - East & West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	4040.57 (678.47)	2722.35- 5412.94	0.17	6151.38 6114.1 (776.13)	4667.14 7635.63 4292. 81.80 35.38	0.13	8795.41 8777.8 (793.93)	7334.26 10385.78 677 0.07 10882.17	0.09
Apr 2021	2999.67 (604.86)	1909.56- 4251.03	0.20	4322.84 340.51 (609.25)	3216.16 5585.49 2908 .74 5928.15	0.14	5773.77 848.57 (936.05)	4140.87 7750.34 3515. 56 8715.76	0.16
May 2021	511.39 (115.6)	346.34- 776.58	0.23	776.5668 (143.4)	521.75 1067.77 411.13 -1193.38	0.18	985.04 976.41 (165.45)	660.7 1309.69 535.8 9 1417.23	0.17
Jun 2021	8.49 (7.32)	0-25.59	0.86	42.59 51 (20.99)	10.65 85.190- 124.69	0.4941	127.85 119.43 (50.66)	34.87 232.75 12.71- 248.66	0.404 2
Jul 2021	50.49 (25.09)	10.1-111.08	0.50	50.8693 (23.73)	10.17 101.720- 124.56	0.47	50.7888 (24.36)	10.16 101.550- 121.51	0.48
Aug 2021	50.09 (22.62)	12.5-100.02	0.45	125.23 117.43 (25.37)	83.49 180.89 72.02- 185.53	0.2022	317.61 300.84 (95.69)	151.9 510.94 93.58- 558.86	0.3032
Sep 2021	259.88 (66.51)	136.86- 398.14	0.26	372.48 354.18 (80.72)	231.2 539.46 168.8- 564.79	0.2223	575.95 564.75 (125.56)	345.25 831.92 275.77- 890.73	0.22
Oct 2021	387.16 (121.17)	167.4-636.55	0.31	912.4626 (270.98)	384.19 1424.72 293.8 -1547.7	0.30	1307.26 1297.48 (404.51)	588.27 2457.39 436.5 4 2430.02	0.31
Nov 2021	2697.48 (411.64)	2144.1- 3733.01	0.15	3949.03 3730.4 (339.2)	3317.83 4645.37 2989 .5 4504.97	0.09	5116.18 4834.25 (433.79)	4292.67 5971.56 3846. 52 5870.76	0.080 9
Dec 2021	1305.47 (386.98)	629.06- 2125.77	0.30	1818.54 1854.06 (422.57)	1081.92 2716.39 62.53 -2887.07	0.23	2173.68 2282.39 (515.37)	1261.55 3248.83 1090. 41 3664.02	0.2423
Jan 2022	1470.31 (322.28)	904.23- 2109.88	0.22	2610.14 2620.94 (650.8)	1530.08 3960.78 1235. 41 4287.3	0.25	3600.79 3627.26 (682.08)	2451.14 5097.54 2199. 01 5385.22	0.19
Feb 2022	1191.86 (211.16)	786.98- 1617.68	0.18	1507.75 1528.31 (253.34)	1027.89 3.75- 2264.02 2032.73	0.17	1601.18 1628.95 (243.86)	1131.5 2050.05 985. 59 2314.28	0.15
Mar 2022	1763.61 (579.66)	787.95- 2971.07	0.33	6453.65 6586.32 (2946.62)	1995.06 12702.54 1361. 38 14873.51	0.464 5	7896.12 7833.7 (3038.23)	3292.19 14763.43 248 8.46 16273.73	0.383 9
Apr 2022	1056.48 (272.16)	600.25- 1642.19	0.26	1329.46 1330.84 (332.46)	739.87 1988.76 13.14- 2162.21	0.25	1682.51 1685.99 (371.41)	961.43 2392.14 792.4 -2591.62	0.22
May 2022	502.23 (104.16)	304.87-694.1	0.21	734.55 725.4 (120.23)	510.99 979.44 20.28- 1061.67	0.1617	1070.22 1068.8 (150.16)	784.12 1356.34 677.0 9 1481.79	0.14
Jun 2022	92.67 (38.17)	20.49-163.9	0.41	142.66 143.18 (48.12)	50.95 244.57 51.85- 255.45	0.34	243.24 227.06 (70.75)	116.32 391.26 69.17- 404.74	0.2931
Jul 2022	617.11 (196.59)	259.19- 1004.38	0.32	910.2426 (214.66)	526.41 1370.85 373.3 8 1523.81	0.24	1266.81 1275.14 (249.02)	807.87 1758.52 583.8 3 1931.62	0.20

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Aug 2022	9385.58 (2838.51)	4437.73- 15396.05	0.30	12573.94 12510.2 3 (3222.61)	6739.08- 19511.44 5411. 86-21713.8	0.26	15924.91 5868.1 8 (3528.87)	9643.95- 23036.08 705 2.49- 26200.04	0.22
Sep 2022	7642.16 (5778.42)	723.74- 21351.04	0.76	10584.72 10316.9 9 (6135.02)	1774.99- 24042.44 155 8.15- 23579.43	0.585 9	12023117 84.39 (7293.39)	2587.49- 28818.14 228 8.89- 28601.99	0.6462
Oct 2022	3046.88 (1158.85)	1408.47- 5622.86	0.38	4873.14 4776.95 (1170.36)	2850.45- 7456.24 2414- 7798.82	0.2425	6582.47 6454.21 (1226.85)	4498.47- 9158.02 3994. 51-9565.83	0.19
Nov 2022	3660.48 (358.7)	2989.81- 4406.03	0.10	4961.25 4940.55 (385.98)	4188.97- 5722.19 3873. 52-6031.8	0.08	6456.58 6414.65 (495.33)	5553.51- 7485.35 5162. 2-7827.03	0.08
Dec 2022	6637.93 (951.6)	4890.51- 8464.12	0.14	9828.77 10029.4 (1268.28)	7463.84- 12469.59 7170 .1-13283.94	0.13	13512.77 13626.9 8 (1708.21)	10388.54- 16770.18 970 6.62-17742.35	0.13
Jan 2023	7055.52 (1064.49)	5105.24- 9204.89	0.15	9761.83 9722.2 (1178.47)	7498.14- 12111.15 6716. 04-12986.77	0.12	13313.15 13215.97 (1464.59)	10202.75- 16030.17 9381 .48-17015.32	0.11
Feb 2023	6150.45 (789.1)	4691.25- 7696.81	0.13	8709.98 8715.05 (952.5)	6879.44- 10732.83 636 9.01-11432.11	0.11	12692.62 12685.5 8 (1188.88)	10407.77- 15047.95 944 5.83-16006.6	0.09

Table 88. DBS - East & West. Abundance of Red-throated diver recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.4241 (8.21)	0-25.2623	0.9798
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 89. DBS - East & West. Abundance of Skua species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	16.87 (16.88)	0-50.22	1.00	16.7487 (15.88)	0-50.236	0.9594	16.7691 (16.49)	0-50.2872	0.98
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.7)	0-26.15	1.03	34.8833.94 (20.46)	0-78.4776.35	0.5960	34.8 (20.35)	0-78.376.49	0.5860
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 90. DBS - East & West. Abundance of Small gull species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	50.25 (49.5)	0-150.04	0.99	50.0942 (47.57)	0-150.28151.25	0.9594	50.4532 (47.88)	0-150.45151.11	0.95
Sep 2021	16.69 (11.18)	0-42.14	0.67	25.433 (14.35)	0-59.2667.8	0.57	42.3543 (21.92)	8.4793.470-110.36	0.52
Oct 2021	0 (0)	0-0		8.3731 (8.09)	0-25.4424.93	0.97	25.4424.92 (14.58)	0-58.6615	0.5859
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	8.48 (8.15)	0-25.52	0.96	8.549 (8.25)	0-25.4947	0.97	8.4945 (8.2)	0-25.4736	0.97
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	143.58 (53.24)	50.12-258.94	0.37	160.0879 (54.64)	67.4278.037-279.26	0.34	168.36169.26 (55.57)	67.34-294.637-296.21	0.33
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	67.33 (37.5)	8.42-151.5	0.56	84.28 (40.43)	25.28-176.988.5-210.16	0.48	104.16100.99 (41.02)	33.51-193.916.86-226.99	0.41
Sep 2022	8.48 (8.74)	0-26.15	1.03	34.8833.94 (26.36)	0-95.9193.32	0.7678	34.8 (26.88)	0-95.793.49	0.7779
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	41.25 (17.76)	8.32-83.15	0.43	83.6632 (27.92)	33.47-142.2316.37-167	0.3334	100.412 (34.08)	41.71-175.1824.87-200.77	0.34
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	16.75 (11.35)	0-41.75	0.68	16.7275 (11.72)	0-41.7987	0.70	25.051 (14.65)	0-58.4566.91	0.58

Table 91. DBS - East & West. Abundance of Tern species recorded in flight and on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	50.14 (34.97)	0-134.67	0.7	58.9977 (36.94)	8.43-143.270- 159.44	0.63	101.16 100.45 (57.58)	8.43-227.830- 251.12	0.57
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	



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Ornithology Technical Appendix 12-7b Seabird abundances by survey: birds on the sea

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1 INTRODUCTION

This appendix provides tables of seabird abundance in each survey for each species-specific during baseline surveys for the DBS East and West Offshore Wind Farm projects (March 2021 – February 2023).

Abundances were estimated using design-based methods and are summarised as central estimate (i.e. extrapolated from the number seen in the surveyed area to the whole area) and 95% confidence range, derived from 1,000 nonparametric bootstrap samples.

Appendix (a) provides the combined abundance in each survey for each species on the sea and in flight.

This appendix (b) provides the abundance in each survey for each species on the sea.

Appendix (c) provides the abundance in each survey for each species in flight.

Table 1. DBS - East. Abundance of Arctic skua recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 2. DBS - East. Abundance of Arctic tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 3. DBS - East. Abundance of Black-backed gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	8.45 (8.83)	0-33.78	1.05	8.46 (8.45)	0-25.39	1	8.46 (8.21)	0-25.39	0.97
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 4. DBS - East. Abundance of Commic tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	116.56 (114.92)	0-349.69	0.99	116.92 (114.59)	0-350.77	0.98	208.52 (141.11)	0-533.8	0.68
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 5. DBS - East. Abundance of Common gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.65 (16.6)	0-49.96	1.00	16.7 (16.61)	0-50.11	0.99	16.68 (17.13)	0-50.04	1.03
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	8.32 (8.18)	0-24.97	0.98	8.34 (8.46)	0-25.24	1.01	8.3 (8.17)	0-24.89	0.98

Table 6. DBS - East. Abundance of Common scoter recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	16.75 (16.7)	0-50.25	1	16.81 (16.86)	0-50.42	1	16.79 (17.35)	0-50.37	1.03
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 7. DBS - East. Abundance of Common tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 8. DBS - East. Abundance of Fulmar recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		8.35 (7.76)	0-25.05	0.93	41.69 (29.12)	0-108.39	0.70
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		16.98 (11.21)	0-42.45	0.66	16.95 (9.65)	0-33.89	0.57
Jul 2021	8.41 (7.95)	0-25.24	0.95	8.44 (7.83)	0-25.32	0.93	8.41 (7.34)	0-25.24	0.87
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	116.84 (37.58)	50.08-192.17	0.32	176.33 (44.11)	92.37-260.51	0.25	243.22 (54.26)	142.58-352.26	0.22
Oct 2021	16.61 (11.55)	0-41.52	0.70	16.62 (10.2)	0-41.55	0.61	16.61 (9.68)	0-33.23	0.58
Nov 2021	25.33 (13.91)	0-59.1	0.55	25.41 (12.81)	0-50.82	0.50	59.25 (19.45)	25.39-101.58	0.33
Dec 2021	8.48 (8.1)	0-25.43	0.96	8.49 (8.08)	0-25.47	0.95	8.45 (7.5)	0-25.36	0.89
Jan 2022	16.76 (11.92)	0-41.91	0.71	16.71 (11.14)	0-41.78	0.67	16.71 (10.62)	0-41.77	0.64
Feb 2022	8.39 (8.09)	0-25.16	0.96	8.4 (7.59)	0-25.19	0.90	8.39 (7.03)	0-25.16	0.84
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.33 (7.57)	0-25	0.91	8.35 (7.39)	0-25.06	0.88	41.83 (16.52)	8.37-67.14	0.39
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	16.76 (11.04)	0-41.9	0.66	16.85 (11.13)	0-42.14	0.66	16.98 (10.26)	0-33.95	0.60
Aug 2022	16.65 (11.51)	0-41.63	0.69	16.7 (10.85)	0-41.76	0.65	16.68 (10.94)	0-41.7	0.66
Sep 2022	8.95 (8.57)	0-26.85	0.96	8.97 (8.41)	0-26.92	0.94	35.66 (14.7)	8.91-62.4	0.41
Oct 2022	108.84 (44)	41.86-209.31	0.40	284.34 (69.59)	142.17-418.14	0.24	535.08 (83.55)	384.59-702.29	0.16
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.18 (7.3)	0-24.55	0.89
Dec 2022	0 (0)	0-0		8.15 (7.66)	0-24.44	0.94	40.75 (12.75)	16.3-65.2	0.31
Jan 2023	100.57 (67.19)	8.38-251.43	0.67	101.15 (70.75)	8.43-261.3	0.70	143.06 (69.07)	33.45-302.95	0.48
Feb 2023	91.57 (34.42)	33.3-166.48	0.38	125.15 (38.35)	50.06-200.44	0.31	141.06 (38.44)	74.47-224.04	0.27

Table 9. DBS - East. Abundance of Gannet recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	478.42 (111.19)	285.16-713.43	0.23	495.78 (110.27)	285.7-714.47	0.22	570.96 (123.52)	344.25-814.45	0.22
Apr 2021	91.53 (27.1)	41.61-149.78	0.30	150.28 (33.61)	91.84-217.08	0.22	158.41 (41.93)	83.38-250.13	0.26
May 2021	42.31 (18.77)	8.46-76.16	0.44	42.15 (19.84)	8.43-84.3	0.47	67.42 (23.99)	25.28-117.99	0.36
Jun 2021	25.46 (11.81)	8.49-50.92	0.46	33.96 (15.44)	8.49-67.92	0.45	33.89 (15.57)	8.47-67.79	0.46
Jul 2021	8.41 (6.98)	0-25.24	0.83	25.32 (13.21)	8.44-50.86	0.52	33.65 (15.6)	8.41-67.3	0.46
Aug 2021	25.13 (11.28)	8.38-50.25	0.45	50.42 (16.12)	25.21-84.03	0.32	50.37 (18.73)	16.79-92.35	0.37
Sep 2021	41.73 (10.89)	25.04-66.77	0.26	58.78 (15.42)	33.59-92.37	0.26	100.64 (25.77)	50.32-150.97	0.26
Oct 2021	91.34 (24.56)	49.82-141.16	0.27	166.18 (37.35)	91.4-240.96	0.22	257.5 (52.87)	157.82-365.48	0.21
Nov 2021	0 (0)	0-0		8.47 (7.55)	0-25.41	0.89	8.46 (7.83)	0-25.39	0.92
Dec 2021	8.48 (7.04)	0-25.43	0.83	8.49 (7.27)	0-25.47	0.86	8.45 (7.77)	0-25.36	0.92
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	574.33 (147.55)	287.17-878.39	0.26	778.55 (239.68)	355.21-1269.58	0.31	1574.12 (675.61)	516.24-3072.29	0.43
Apr 2022	207.83 (68.24)	91.45-349.16	0.33	258.63 (69.29)	133.49-400.68	0.27	366.39 (70.53)	241.28-507.96	0.19
May 2022	33.33 (13.42)	8.33-58.34	0.40	58.47 (20.84)	16.71-100.24	0.36	58.56 (21.57)	16.73-100.39	0.37
Jun 2022	8.34 (7.17)	0-25.01	0.86	8.36 (7.25)	0-25.07	0.87	16.66 (10.92)	0-41.65	0.66
Jul 2022	58.67 (19.54)	25.14-100.57	0.33	101.13 (31.63)	42.14-168.55	0.31	135.81 (35.27)	76.39-212.2	0.26
Aug 2022	108.24 (33.3)	41.63-174.85	0.31	133.63 (36.15)	66.81-208.79	0.27	158.47 (41.05)	83.41-241.88	0.26
Sep 2022	8.95 (7.35)	0-26.85	0.82	8.97 (7.64)	0-26.92	0.85	44.57 (21.15)	8.91-89.14	0.47
Oct 2022	493.96 (122.89)	276.07-736.76	0.25	836.29 (183.16)	493.41-1212.83	0.22	928.03 (197.3)	576.88-1337.9	0.21
Nov 2022	229.75 (71.76)	106.67-385.66	0.31	245.48 (77.99)	106.38-409.14	0.32	294.56 (83.55)	147.08-466.39	0.28
Dec 2022	56.74 (39.62)	0-145.91	0.70	57.03 (42.8)	0-154.8	0.75	81.51 (46.38)	24.45-187.46	0.57
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	116.54 (94.32)	0-332.97	0.81	116.8 (101.33)	0-333.72	0.87	116.17 (103.78)	0-340.21	0.89

Table 10. DBS - East. Abundance of Great black-backed gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		8.47 (8.58)	0-25.41	1.01	8.46 (8.26)	0-25.39	0.98
Dec 2021	8.48 (8.31)	0-25.43	0.98	8.49 (8.11)	0-25.47	0.96	16.91 (11.01)	0-42.27	0.65
Jan 2022	50.29 (23.36)	8.38-100.57	0.46	58.49 (25.06)	16.71-108.63	0.43	142 (55.39)	50.12-267.3	0.39
Feb 2022	0 (0)	0-0		8.4 (8.52)	0-25.19	1.02	16.77 (11.59)	0-41.93	0.69
Mar 2022	84.46 (34.44)	25.34-160.48	0.41	93.09 (35.62)	25.39-169.25	0.38	152.33 (49.72)	59.24-253.89	0.33
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		16.68 (16.58)	0-50.04	0.99
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		41.81 (43.45)	0-125.44	1.04	41.8 (42.94)	0-125.41	1.03
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.18 (8.32)	0-24.55	1.02
Dec 2022	0 (0)	0-0		16.29 (16.32)	0-48.88	1.00	24.45 (17.75)	0-65.2	0.73
Jan 2023	92.19 (53.81)	16.76-209.74	0.58	92.72 (55.79)	8.43-210.94	0.60	134.64 (61.34)	33.66-260.87	0.46
Feb 2023	33.3 (26.41)	0-99.89	0.79	41.72 (27.66)	0-108.46	0.66	58.08 (31.74)	8.3-124.47	0.55

Table 11. DBS - East. Abundance of Great skua recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 12. DBS - East. Abundance of Guillemot recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3315.33 (472.72)	2366.69-4221.8	0.14	4512.43 (512.74)	3520.66-5512.39	0.11	5810.31 (556.68)	4710.17-6876.86	0.10
Apr 2021	1456.19 (285.96)	898.68-2022.23	0.20	2629.96 (485.07)	1753.31-3598.45	0.18	5252.66 (1423.38)	3159.72-8621.23	0.27
May 2021	110.01 (31.43)	50.77-169.25	0.29	143.32 (35.99)	75.87-210.76	0.25	294.98 (51.51)	202.27-404.54	0.17
Jun 2021	118.81 (34.27)	50.92-186.71	0.29	169.8 (37.2)	101.88-246.22	0.22	237.26 (51.4)	152.52-347.42	0.22
Jul 2021	2069.97 (223.52)	1632.42-2515.94	0.11	3283.56 (319.21)	2684.04-3942.59	0.10	4929.8 (483.53)	4003.99-5880.63	0.10
Aug 2021	938.04 (185.42)	611.19-1323.3	0.20	1235.21 (203.63)	865.49-1647.16	0.16	2174.31 (380.62)	1511.1-2980.44	0.18
Sep 2021	742.79 (118.6)	508.89-976.68	0.16	1419.07 (180.1)	1091.38-1772.15	0.13	2507.73 (298.18)	1962.36-3145.36	0.12
Oct 2021	332.13 (53.11)	224.19-431.98	0.16	656.42 (80.52)	498.54-814.29	0.12	1154.59 (300.91)	697.74-1802.91	0.26
Nov 2021	5099.21 (497.55)	4119.68-6019.44	0.10	7351.6 (500.84)	6335.04-8325.82	0.07	10064.52 (540.93)	9090.66-11097.22	0.05
Dec 2021	593.36 (112.06)	381.24-805.28	0.19	764.01 (122.5)	534.59-1018.67	0.16	1192.05 (141.48)	938.21-1479.7	0.12
Jan 2022	209.53 (38.59)	134.1-284.96	0.18	384.38 (54.42)	275.75-493.01	0.14	609.78 (84.61)	442.72-776.84	0.14
Feb 2022	1165.96 (163.12)	872.16-1493.1	0.14	1612.07 (172.34)	1267.83-1956.32	0.11	2104.91 (186.47)	1727.53-2465.51	0.09
Mar 2022	1714.56 (447.06)	920.62-2618.5	0.26	2284.86 (513.51)	1378.96-3325.74	0.22	2962.06 (603.73)	1878.58-4266.21	0.20
Apr 2022	947.72 (160.02)	639.92-1272.15	0.17	1151.34 (192.32)	767.56-1510.3	0.17	1640.45 (214.83)	1215.76-2081.79	0.13
May 2022	2166.77 (262.95)	1650.08-2642	0.12	3341.23 (294.31)	2764.66-3917.8	0.09	4869.04 (336.93)	4241.38-5538.32	0.07
Jun 2022	125.07 (31.21)	66.7-183.43	0.25	217.3 (43.83)	133.72-300.87	0.20	408.18 (68.24)	274.9-549.8	0.17
Jul 2022	2388.54 (401.98)	1658.98-3201.48	0.17	3269.79 (468.1)	2376.5-4163.3	0.14	4982.43 (641.18)	3768.65-6340.51	0.13
Aug 2022	7118.72 (2438.82)	2772.34-12297.89	0.34	9445.82 (2595.92)	5060.74-14591.12	0.27	12819.56 (2782.72)	7756.16-18485.97	0.22
Sep 2022	420.6 (81.4)	268.47-572.73	0.19	592.15 (79.82)	448.38-753.65	0.13	927.1 (108.36)	712.93-1132.36	0.12
Oct 2022	1992.59 (313.82)	1373.05-2579.28	0.16	3060.82 (330.91)	2466.85-3721.7	0.11	4230.46 (363.26)	3553.04-4966.4	0.09
Nov 2022	5251.52 (729.85)	3913.81-6778.76	0.14	7143.5 (757.25)	5678.59-8616.6	0.11	8877.79 (770.52)	7429.32-10498.09	0.09
Dec 2022	3031.71 (467.36)	2148.14-3955.81	0.15	4098.01 (466.53)	3242.36-5051.43	0.11	5990.67 (475.1)	5126.51-6927.99	0.08
Jan 2023	1734.89 (251.39)	1273.93-2237.76	0.14	2570.86 (319.8)	1989.05-3270.47	0.12	3803.69 (411.12)	3012.66-4679.09	0.11
Feb 2023	2314.14 (323.47)	1689.82-2955.52	0.14	3612.54 (460.56)	2686.46-4513.59	0.13	5393.5 (686.02)	4090.55-6754.53	0.13

Table 13. DBS - East. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	5606.69 (799.43)	4002.4-7139.66	0.14	7461.9 (847.88)	5821.88-9115.47	0.11	9496.33 (909.84)	7698.27-11239.49	0.10
Apr 2021	2496.32 (490.22)	1540.59-3466.68	0.20	4341.52 (800.75)	2894.35-5940.3	0.18	8454.27 (2290.97)	5085.65-13876.08	0.27
May 2021	118.47 (33.85)	54.68-182.27	0.29	168.61 (42.34)	89.26-247.95	0.25	353.97 (61.81)	242.72-485.45	0.17
Jun 2021	152.76 (44.06)	65.47-240.05	0.29	203.76 (44.63)	122.26-295.46	0.22	305.05 (66.09)	196.1-446.68	0.22
Jul 2021	2128.88 (229.88)	1678.87-2587.54	0.11	3401.73 (330.7)	2780.63-4084.49	0.10	5106.46 (500.86)	4147.48-6091.37	0.10
Aug 2021	1273.05 (251.65)	829.47-1795.91	0.20	1747.78 (288.13)	1224.64-2330.67	0.16	3190.1 (558.44)	2217.06-4372.84	0.18
Sep 2021	934.75 (149.25)	640.41-1229.09	0.16	1696.16 (215.26)	1304.49-2118.19	0.13	3010.95 (358.01)	2356.15-3776.53	0.12
Oct 2021	489.89 (78.34)	330.68-637.17	0.16	1022.01 (125.37)	776.21-1267.81	0.12	1760.96 (458.93)	1064.18-2749.76	0.26
Nov 2021	7344.9 (716.67)	5933.98-8670.38	0.10	10934.24 (744.91)	9422.28-12383.21	0.07	14855.54 (798.43)	13418.09-16379.83	0.05
Dec 2021	1254.54 (236.93)	806.04-1702.59	0.19	1629.88 (261.32)	1140.46-2173.17	0.16	2426.36 (287.98)	1909.69-3011.88	0.12
Jan 2022	435.82 (80.27)	278.93-592.72	0.18	802.18 (113.58)	575.48-1028.88	0.14	1227.91 (170.37)	891.5-1564.33	0.14
Feb 2022	2726.16 (381.38)	2039.23-3491.06	0.14	3820.28 (408.42)	3004.49-4636.07	0.11	4964.57 (439.8)	4074.5-5815.07	0.09
Mar 2022	4079.46 (1063.68)	2190.45-6230.22	0.26	5695.23 (1279.98)	3437.17-8289.72	0.22	7845.23 (1599.02)	4975.56-11299.37	0.20
Apr 2022	1097.36 (185.29)	740.96-1473.02	0.17	1435.01 (239.7)	956.67-1882.4	0.17	1981.86 (259.54)	1468.79-2515.05	0.13
May 2022	2266.77 (275.09)	1726.23-2763.94	0.12	3491.59 (307.55)	2889.07-4094.11	0.09	5069.82 (350.82)	4416.28-5766.71	0.07
Jun 2022	133.4 (33.29)	71.15-195.66	0.25	242.37 (48.88)	149.15-335.59	0.20	433.17 (72.42)	291.73-583.46	0.17
Jul 2022	2581.29 (434.42)	1792.87-3459.84	0.17	3581.6 (512.74)	2603.13-4560.32	0.14	5423.81 (697.97)	4102.51-6902.19	0.13
Aug 2022	7593.3 (2601.41)	2957.17-13117.75	0.34	9963.63 (2738.23)	5338.16-15390.99	0.27	13578.55 (2947.48)	8215.38-19580.46	0.22
Sep 2022	599.58 (116.04)	382.71-816.45	0.19	816.46 (110.06)	618.22-1039.13	0.13	1203.45 (140.66)	925.44-1469.89	0.12
Oct 2022	2118.17 (333.6)	1459.58-2741.83	0.16	3269.89 (353.52)	2635.35-3975.91	0.11	4498 (386.23)	3777.74-5280.48	0.09
Nov 2022	5875.13 (816.52)	4378.58-7583.74	0.14	7978.14 (845.72)	6342.07-9623.35	0.11	9966.03 (864.97)	8340.01-11784.95	0.09
Dec 2022	3501.87 (539.84)	2481.27-4569.28	0.15	4806.81 (547.23)	3803.16-5925.14	0.11	7441.48 (590.15)	6368.03-8605.79	0.08
Jan 2023	2128.8 (308.47)	1563.18-2745.85	0.14	3144.04 (391.1)	2432.5-3999.63	0.12	4746.2 (512.99)	3759.16-5838.51	0.11
Feb 2023	2830.24 (395.61)	2066.69-3614.67	0.14	4279.98 (545.65)	3182.8-5347.51	0.13	6297.95 (801.06)	4776.51-7887.21	0.13

Table 14. DBS - East. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	7352.49 (1048.36)	5248.65- 9362.79	0.14	9781.14 (1111.41)	7631.38- 11948.65	0.11	12451.86 (1193.01)	10094.19- 14737.55	0.10
Apr 2021	3270.18 (642.19)	2018.17- 4541.35	0.20	5694.07 (1050.21)	3796.05- 7790.94	0.18	11080.6 (3002.66)	6665.51- 18186.7	0.27
May 2021	152.32 (43.52)	70.3-234.34	0.29	219.19 (55.04)	116.04-322.34	0.25	463.53 (80.95)	317.85-635.7	0.17
Jun 2021	203.68 (58.75)	87.29-320.07	0.29	263.2 (57.65)	157.92-381.63	0.22	398.26 (86.28)	256.02- 583.16	0.22
Jul 2021	2793.62 (301.66)	2203.1-3395.5	0.11	4456.86 (433.27)	3643.11- 5351.39	0.10	6696.45 (656.81)	5438.86- 7988.03	0.10
Aug 2021	1666.69 (329.46)	1085.95- 2351.22	0.20	2293.97 (378.17)	1607.34- 3059.01	0.16	4180.71 (731.86)	2905.52- 5730.73	0.18
Sep 2021	1226.85 (195.89)	840.53- 1613.18	0.16	2225.16 (282.4)	1711.33- 2778.82	0.13	3950.3 (469.7)	3091.21- 4954.73	0.12
Oct 2021	639.35 (102.24)	431.56-831.56	0.16	1337.76 (164.1)	1016.02- 1659.5	0.12	2309.19 (601.81)	1395.48- 3605.82	0.26
Nov 2021	9632.79 (939.91)	7782.38- 11371.16	0.10	14339.01 (976.86)	12356.25- 16239.18	0.07	19477.26 (1046.83)	17592.61- 21475.77	0.05
Dec 2021	1644.46 (310.56)	1056.57- 2231.77	0.19	2139.22 (342.99)	1496.86- 2852.29	0.16	3178.79 (377.29)	2501.89- 3945.87	0.12
Jan 2022	569.92 (104.97)	364.75-775.1	0.18	1052.86 (149.07)	755.31- 1350.41	0.14	1612.16 (223.69)	1170.47- 2053.85	0.14
Feb 2022	3573.37 (499.91)	2672.96- 4575.97	0.14	5012.54 (535.88)	3942.16- 6082.93	0.11	6507.61 (576.49)	5340.9- 7622.46	0.09
Mar 2022	5346.38 (1394.02)	2870.71- 8165.07	0.26	7463.88 (1677.47)	4504.59- 10864.09	0.22	10282.58 (2095.81)	6521.36- 14809.86	0.20
Apr 2022	1438.21 (242.84)	971.11- 1930.55	0.17	1877.19 (313.57)	1251.46- 2462.45	0.17	2598.07 (340.24)	1925.47- 3297.04	0.13
May 2022	2975.14 (361.05)	2265.68- 3627.67	0.12	4577.49 (403.21)	3787.59- 5367.39	0.09	6642.64 (459.65)	5786.34- 7555.72	0.07
Jun 2022	175.09 (43.69)	93.38-256.8	0.25	317.59 (64.06)	195.44- 439.74	0.20	566.46 (94.71)	381.49- 762.98	0.17
Jul 2022	3385.85 (569.82)	2351.68- 4538.23	0.17	4694.01 (671.99)	3411.63- 5976.7	0.14	7112.91 (915.34)	5380.12- 9051.7	0.13
Aug 2022	9957.88 (3411.5)	3878.04- 17202.67	0.34	13062.13 (3589.76)	6998.23- 20177.29	0.27	17798.91 (3863.59)	10768.81- 25666.28	0.22
Sep 2022	787.51 (152.41)	502.67- 1072.35	0.19	1067.67 (143.92)	808.44- 1358.86	0.13	1577.86 (184.42)	1213.36- 1927.18	0.12
Oct 2022	2779.58 (437.77)	1915.34- 3597.98	0.16	4290.17 (463.82)	3457.63- 5216.48	0.11	5894.22 (506.12)	4950.39- 6919.59	0.09
Nov 2022	7704.96 (1070.82)	5742.3- 9945.72	0.14	10457.5 (1108.54)	8312.99- 12613.99	0.11	13067.12 (1134.12)	10935.13- 15452.02	0.09
Dec 2022	4588.09 (707.29)	3250.92- 5986.6	0.15	6297.74 (716.96)	4982.79- 7762.93	0.11	9756.24 (773.73)	8348.89- 11282.73	0.08
Jan 2023	2790.91 (404.41)	2049.36- 3599.87	0.14	4121.81 (512.72)	3188.99- 5243.48	0.12	6218.87 (672.16)	4925.56- 7650.1	0.11
Feb 2023	3712.61 (518.95)	2711.01- 4741.59	0.14	5614.87 (715.84)	4175.49- 7015.34	0.13	8256.2 (1050.14)	6261.7- 10339.62	0.13

Table 15. DBS - East. Abundance of Herring gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	25.18 (13.68)	0-58.75	0.54	33.61 (16.46)	8.4-67.22	0.49	33.59 (16.68)	8.4-67.17	0.50
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		8.34 (8.13)	0-25.02	0.97
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (8.38)	0-25.14	1.00	8.43 (8.59)	0-25.5	1.02	8.42 (8.68)	0-25.46	1.03
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 16. DBS - East. Abundance of Kittiwake recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	5707.41 (1043.06)	3683.59- 7722.42	0.18	6848.48 (1135.33)	4712.42- 9125.91	0.17	7959.79 (988.08)	6070.6- 9866.4	0.12
Apr 2021	1106.7 (486.08)	407.73- 2221.73	0.44	1427.69 (537.88)	659.58- 2638.31	0.38	1700.86 (546.55)	916.71- 2984.84	0.32
May 2021	304.64 (75.8)	169.25- 465.64	0.25	396.23 (100.25)	210.76-590.13	0.25	539.38 (120.74)	328.69- 792.43	0.22
Jun 2021	0 (0)	0-0		16.98 (15.04)	0-50.94	0.89	33.89 (21.87)	0-84.74	0.65
Jul 2021	0 (0)	0-0		0 (0)	0-0		698.25 (593.62)	0-2061.09	0.85
Aug 2021	142.38 (114.06)	0-427.14	0.80	218.47 (171.12)	0-580	0.78	226.67 (169.42)	0-596.05	0.75
Sep 2021	116.84 (40.27)	41.73-200.3	0.34	251.91 (70.72)	125.95- 394.65	0.28	327.1 (94.38)	150.97-520.21	0.29
Oct 2021	16.61 (9.99)	0-33.21	0.60	199.42 (134.24)	16.41-390.53	0.67	240.89 (151.25)	16.61-548.22	0.63
Nov 2021	67.54 (31.75)	8.44-135.08	0.47	67.76 (35.64)	8.47-143.98	0.53	67.72 (35.71)	8.46-152.36	0.53
Dec 2021	76.29 (32.97)	16.95-152.58	0.43	93.38 (35.92)	25.47-169.78	0.38	101.45 (37.38)	33.82-177.75	0.37
Jan 2022	343.63 (53.28)	234.67- 452.59	0.16	593.28 (118.91)	376.02- 827.25	0.20	768.49 (134)	534.6-1052.5	0.17
Feb 2022	75.49 (20.91)	33.55-117.43	0.28	75.57 (23.93)	33.58-125.94	0.32	117.41 (28.85)	67.09-176.11	0.25
Mar 2022	2652.07 (723.13)	1351.16- 4096.35	0.27	3672.7 (924.75)	1878.66- 5475.2	0.25	4747.76 (947.88)	3038.02- 6677.97	0.20
Apr 2022	698.32 (129.68)	465.55- 964.56	0.19	1042.88 (179.62)	725.85- 1409.98	0.17	1582.16 (322.14)	1007.58- 2248.75	0.20
May 2022	275.01 (68.93)	150.01-416.69	0.25	375.89 (83.32)	225.53- 559.66	0.22	602.36 (127.97)	368.11- 870.07	0.21
Jun 2022	8.34 (6.77)	0-25.01	0.81	41.79 (29.71)	0-108.65	0.71	74.97 (36)	16.45-149.94	0.48
Jul 2022	326.85 (95.27)	142.47-519.61	0.29	547.77 (203.76)	210.68- 969.14	0.37	721.48 (254.65)	322.33- 1290.17	0.35
Aug 2022	2539.42 (1651.9)	182.96- 5953.29	0.65	3607.95 (1773.76)	818.05- 7533.48	0.49	4095.25 (1896.05)	934.15- 8350.85	0.46
Sep 2022	80.54 (24.9)	35.8-134.23	0.31	89.72 (26.97)	44.86-143.78	0.30	1203.45 (919.6)	53.49- 3423.15	0.76
Oct 2022	242.79 (94.02)	83.72-443.94	0.39	326.15 (105.89)	142.17-560.31	0.32	501.64 (140.14)	242.46- 794.26	0.28
Nov 2022	812.34 (247.99)	369.04- 1321.08	0.31	1219.22 (392.77)	540.06- 2086.8	0.32	1415.54 (414.48)	752.77- 2348.73	0.29
Dec 2022	1418.58 (458.67)	591.55- 2350.79	0.32	2175.29 (604.89)	1156.69- 3479.03	0.28	5354.93 (1585.97)	2754.69- 8689.13	0.30
Jan 2023	662.11 (265.78)	201.15- 1223.64	0.40	876.62 (300.33)	328.73- 1475.08	0.34	1455.84 (411.3)	706.67- 2322.61	0.28
Feb 2023	832.42 (392.91)	249.73-1715	0.47	1076.25 (417.77)	458.87- 2019.02	0.39	1369.12 (422.72)	730.2- 2364.84	0.31

Table 17. DBS - East. Abundance of Large gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.43 (8.69)	0-25.49	1.03
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.39)	0-24.98	1.01	8.35 (8.07)	0-25.06	0.97	25.02 (19.23)	0-66.73	0.77
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		8.15 (8.35)	0-24.44	1.02	8.15 (8.21)	0-24.45	1.01
Jan 2023	8.38 (8.72)	0-25.14	1.04	8.43 (8.04)	0-25.29	0.95	8.42 (8.49)	0-25.25	1.01
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 18. DBS - East. Abundance of Lesser black-backed gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (8.62)	0-25.18	1.03	8.4 (8.26)	0-25.21	0.98	8.4 (8.28)	0-25.19	0.99
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		8.41 (8.79)	0-25.45	1.04
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 19. DBS - East. Abundance of Little auk recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	16.21 (11.35)	0-40.53	0.7	48.88 (35.29)	0-122.41	0.72	65.2 (39.61)	8.15-154.86	0.61
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 20. DBS - East. Abundance of Little gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		134.35 (129.34)	0-403.05	0.96	184.52 (138.12)	0-503.22	0.75
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 21. DBS - East. Abundance of Manx shearwater recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 22. DBS - East. Abundance of Puffin recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	33.57 (15.69)	8.39-67.15	0.47	50.42 (12.92)	25.21-75.63	0.26	92.36 (29.36)	33.59-151.14	0.32
Apr 2021	49.93 (18.91)	16.64-91.53	0.38	58.44 (19.79)	25.05-100.19	0.34	83.38 (25.56)	33.35-133.4	0.31
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		16.79 (7.5)	8.4-33.59	0.45	16.77 (11.01)	0-41.94	0.66
Oct 2021	182.67 (53.35)	91.34-290.61	0.29	249.27 (55.48)	149.56-357.29	0.22	348.87 (66.94)	224.27-490.08	0.19
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.37)	0-16.63	0.77	8.34 (6.79)	0-25.03	0.81	8.33 (7.47)	0-24.98	0.90
May 2022	83.34 (17.71)	50-116.67	0.21	108.59 (29.82)	50.12-167.06	0.27	142.22 (35.32)	75.29-217.52	0.25
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		76.39 (63.94)	0-220.69	0.84
Aug 2022	8.33 (7.34)	0-24.98	0.88	8.35 (7.69)	0-25.06	0.92	8.34 (7.96)	0-25.02	0.95
Sep 2022	8.95 (7.86)	0-26.85	0.88	8.97 (8.4)	0-26.92	0.94	8.91 (8.38)	0-26.74	0.94
Oct 2022	8.37 (7.34)	0-25.12	0.88	16.73 (10.73)	0-41.81	0.64	25.08 (13.11)	0-58.52	0.52
Nov 2022	0 (0)	0-0		8.18 (7.03)	0-24.55	0.86	24.55 (12.6)	0-49.09	0.51
Dec 2022	24.32 (15.61)	0-56.74	0.64	32.59 (17.13)	0-65.18	0.53	65.2 (25.45)	24.45-122.26	0.39
Jan 2023	25.14 (11.9)	8.38-50.29	0.47	42.15 (17.43)	8.43-75.86	0.41	42.08 (17.61)	8.42-75.95	0.42
Feb 2023	49.95 (20.54)	16.65-91.57	0.41	50.06 (22.12)	16.69-100.12	0.44	66.38 (29.07)	16.6-124.47	0.44

Table 23. DBS - East. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	33.57 (15.69)	8.39-67.15	0.47	50.42 (12.92)	25.21-75.63	0.26	92.36 (29.36)	33.59-151.14	0.32
Apr 2021	49.93 (18.91)	16.64-91.53	0.38	58.44 (19.79)	25.05-100.19	0.34	83.38 (25.56)	33.35-133.4	0.31
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		16.79 (7.5)	8.4-33.59	0.45	16.77 (11.01)	0-41.94	0.66
Oct 2021	199.28 (58.2)	99.64-317.03	0.29	290.82 (64.72)	174.49-416.84	0.22	407.02 (78.1)	261.65-571.76	0.19
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.37)	0-16.63	0.77	8.34 (6.79)	0-25.03	0.81	8.33 (7.47)	0-24.98	0.90
May 2022	83.34 (17.71)	50-116.67	0.21	108.59 (29.82)	50.12-167.06	0.27	142.22 (35.32)	75.29-217.52	0.25
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		76.39 (63.94)	0-220.69	0.84
Aug 2022	8.33 (7.34)	0-24.98	0.88	8.35 (7.69)	0-25.06	0.92	8.34 (7.96)	0-25.02	0.95
Sep 2022	8.95 (7.86)	0-26.85	0.88	8.97 (8.4)	0-26.92	0.94	8.91 (8.38)	0-26.74	0.94
Oct 2022	8.37 (7.34)	0-25.12	0.88	16.73 (10.73)	0-41.81	0.64	25.08 (13.11)	0-58.52	0.52
Nov 2022	0 (0)	0-0		8.18 (7.03)	0-24.55	0.86	24.55 (12.6)	0-49.09	0.51
Dec 2022	24.32 (15.61)	0-56.74	0.64	32.59 (17.13)	0-65.18	0.53	65.2 (25.45)	24.45-122.26	0.39
Jan 2023	25.14 (11.9)	8.38-50.29	0.47	42.15 (17.43)	8.43-75.86	0.41	42.08 (17.61)	8.42-75.95	0.42
Feb 2023	49.95 (20.54)	16.65-91.57	0.41	50.06 (22.12)	16.69-100.12	0.44	66.38 (29.07)	16.6-124.47	0.44

Table 24. DBS - East. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	41.97 (19.61)	10.49-83.93	0.47	58.82 (15.07)	29.41-88.23	0.26	109.15 (34.7)	39.69-178.61	0.32
Apr 2021	58.25 (22.06)	19.42-106.79	0.38	66.79 (22.62)	28.63-114.5	0.34	100.05 (30.68)	40.02-160.08	0.31
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		16.79 (7.5)	8.4-33.59	0.45	16.77 (11.01)	0-41.94	0.66
Oct 2021	232.49 (67.9)	116.25-369.87	0.29	340.67 (75.82)	204.4-488.3	0.22	473.47 (90.85)	304.37-665.11	0.19
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.37)	0-16.63	0.77	8.34 (6.79)	0-25.03	0.81	8.33 (7.47)	0-24.98	0.90
May 2022	100 (21.25)	60-140.01	0.21	125.3 (34.41)	57.83-192.76	0.27	167.32 (41.56)	88.58-255.9	0.25
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		84.88 (71.05)	0-245.21	0.84
Aug 2022	8.33 (7.34)	0-24.98	0.88	8.35 (7.69)	0-25.06	0.92	8.34 (7.96)	0-25.02	0.95
Sep 2022	8.95 (7.86)	0-26.85	0.88	8.97 (8.4)	0-26.92	0.94	8.91 (8.38)	0-26.74	0.94
Oct 2022	8.37 (7.34)	0-25.12	0.88	16.73 (10.73)	0-41.81	0.64	25.08 (13.11)	0-58.52	0.52
Nov 2022	0 (0)	0-0		8.18 (7.03)	0-24.55	0.86	24.55 (12.6)	0-49.09	0.51
Dec 2022	24.32 (15.61)	0-56.74	0.64	40.74 (21.41)	0-81.47	0.53	73.36 (28.63)	27.51-137.54	0.39
Jan 2023	25.14 (11.9)	8.38-50.29	0.47	50.57 (20.92)	10.11-91.03	0.41	50.49 (21.13)	10.1-91.14	0.42
Feb 2023	58.27 (23.96)	19.42-106.83	0.41	58.4 (25.8)	19.47-116.8	0.44	74.68 (32.71)	18.67-140.02	0.44

Table 25. DBS - East. Abundance of Razorbill recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	1653.47 (319.42)	1082.52-2324.93	0.19	2487.3 (378.48)	1798.04-3319.2	0.15	3366.96 (352.44)	2677.82-4055.46	0.10
Apr 2021	224.67 (74.29)	83.21-374.45	0.33	392.41 (104.34)	200.17-601.13	0.27	842.09 (306.99)	325.16-1525.98	0.36
May 2021	152.32 (42.38)	76.16-236.95	0.28	210.76 (50.48)	117.82-311.93	0.24	235.98 (57.81)	126.42-353.97	0.24
Jun 2021	8.49 (7.68)	0-25.46	0.90	25.47 (14.56)	0-59.43	0.57	33.89 (15.87)	8.47-67.79	0.47
Jul 2021	16.83 (9.6)	0-33.66	0.57	16.88 (8.38)	0-33.76	0.50	16.83 (10.09)	0-33.65	0.60
Aug 2021	16.75 (10.45)	0-41.88	0.62	58.82 (11.27)	42.01-84.03	0.19	83.95 (30.56)	33.58-151.11	0.36
Sep 2021	133.54 (41.39)	66.77-225.34	0.31	184.73 (46.53)	100.76-277.1	0.25	285.16 (76.45)	150.97-444.51	0.27
Oct 2021	33.21 (17.67)	0-66.43	0.53	249.27 (129.99)	33.24-465.31	0.52	382.1 (205.47)	49.84-839.36	0.54
Nov 2021	1435.21 (209.8)	1038.42-1874.21	0.15	1931.07 (174.65)	1575.34-2278.32	0.09	2463.23 (235.94)	2023.06-2937.46	0.10
Dec 2021	33.91 (14.71)	8.48-67.81	0.43	67.91 (25.69)	25.47-118.85	0.38	135.27 (55.04)	42.27-253.63	0.41
Jan 2022	142.48 (40.14)	67.05-217.91	0.28	233.97 (57.09)	125.34-350.95	0.24	309.07 (72.62)	175.42-451.07	0.23
Feb 2022	276.81 (59.46)	167.76-402.63	0.21	352.64 (70.19)	218.3-486.98	0.20	360.6 (71.99)	226.42-511.55	0.20
Mar 2022	464.53 (180.31)	143.58-844.82	0.39	693.92 (321.59)	203.1-1404.98	0.46	871.69 (317.71)	321.38-1531.81	0.36
Apr 2022	133.01 (53.18)	33.25-241.09	0.40	191.89 (64.79)	83.43-333.72	0.34	299.78 (81.9)	149.89-457.99	0.27
May 2022	216.68 (64.94)	100-350.02	0.30	317.42 (73.73)	175.41-467.77	0.23	493.6 (99.16)	309.54-702.75	0.20
Jun 2022	0 (0)	0-0		8.36 (6.51)	0-16.92	0.78	58.31 (23.29)	16.66-108.29	0.40
Jul 2022	134.09 (38.93)	58.67-209.52	0.29	294.96 (83.41)	126.41-455.07	0.28	466.84 (108.88)	254.64-679.04	0.23
Aug 2022	5370.26 (1904.96)	1980.75-9150.26	0.35	7249.31 (2198.66)	3164.48-11551.09	0.30	8515.79 (2272.92)	4344.01-13144.84	0.27
Sep 2022	187.93 (38.66)	107.39-259.52	0.21	349.91 (49.35)	260.19-448.6	0.14	606.18 (93.93)	436.58-793.39	0.15
Oct 2022	1515.37 (805.86)	368.38-3315.82	0.53	2107.45 (804.84)	777.54-3863.66	0.38	2817.52 (905.97)	1387.86-4899.73	0.32
Nov 2022	1723.15 (205.99)	1312.88-2117.02	0.12	2397.53 (222.76)	1988.19-2847.58	0.09	3060.18 (291.75)	2503.78-3641.12	0.10
Dec 2022	818.72 (208.77)	486.37-1272.67	0.25	1050.98 (208.59)	716.95-1515.57	0.20	1809.43 (270.43)	1353-2412.57	0.15
Jan 2023	1382.88 (392.22)	653.73-2212.61	0.28	1930.25 (434.31)	1146.35-2815.3	0.23	2625.56 (497.21)	1750.37-3702.71	0.19
Feb 2023	1498.36 (296.48)	923.78-2097.71	0.20	2052.39 (351.85)	1418.11-2794.92	0.17	3402.05 (612.56)	2339.74-4713.3	0.18

Table 26. DBS - East. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	2794.95 (539.93)	1829.84-3929.96	0.19	4109.09 (625.27)	2970.41-5483.41	0.15	5508.04 (576.56)	4380.68-6634.37	0.10
Apr 2021	382.77 (126.58)	141.77-637.95	0.33	651.23 (173.17)	332.2-997.63	0.27	1359.02 (495.44)	524.77-2462.72	0.36
May 2021	169.25 (47.09)	84.62-263.27	0.28	244.48 (58.55)	136.67-361.84	0.24	286.55 (70.2)	153.51-429.82	0.24
Jun 2021	8.49 (7.68)	0-25.46	0.90	33.96 (19.41)	0-79.24	0.57	42.37 (19.83)	10.59-84.74	0.47
Jul 2021	16.83 (9.6)	0-33.66	0.57	16.88 (8.38)	0-33.76	0.50	16.83 (10.09)	0-33.65	0.60
Aug 2021	25.13 (15.68)	0-62.81	0.62	84.03 (16.1)	60.02-120.04	0.19	117.53 (42.78)	47.01-211.55	0.36
Sep 2021	166.92 (51.73)	83.46-281.68	0.31	218.32 (54.99)	119.08-327.48	0.25	343.87 (92.19)	182.05-536.03	0.27
Oct 2021	49.82 (26.51)	0-99.64	0.53	390.53 (203.66)	52.07-728.98	0.52	581.45 (312.67)	75.84-1277.29	0.54
Nov 2021	2059.95 (301.12)	1490.43-2690.05	0.15	2871.19 (259.68)	2342.29-3387.5	0.09	3639.82 (348.65)	2989.4-4340.58	0.10
Dec 2021	67.81 (29.42)	16.95-135.63	0.43	144.31 (54.59)	54.12-252.55	0.38	278.99 (113.52)	87.18-523.11	0.41
Jan 2022	301.72 (85)	141.99-461.46	0.28	493.01 (120.3)	264.11-739.51	0.24	626.49 (147.2)	355.57-914.33	0.23
Feb 2022	645.89 (138.74)	391.45-939.48	0.21	831.23 (165.44)	514.57-1147.88	0.20	847 (169.09)	531.83-1201.55	0.20
Mar 2022	1106.44 (429.46)	341.99-2012.21	0.39	1726.34 (800.04)	505.27-3495.31	0.46	2310.41 (842.08)	851.82-4060.04	0.36
Apr 2022	149.64 (59.83)	37.41-271.22	0.40	233.61 (78.87)	101.57-406.27	0.34	366.39 (100.1)	183.2-559.77	0.27
May 2022	225.01 (67.44)	103.85-363.48	0.30	325.77 (75.67)	180.03-480.08	0.23	518.69 (104.2)	325.28-738.48	0.20
Jun 2022	0 (0)	0-0		8.36 (6.51)	0-16.92	0.78	58.31 (23.29)	16.66-108.29	0.40
Jul 2022	142.47 (41.37)	62.33-222.62	0.29	320.24 (90.56)	137.24-494.08	0.28	509.28 (118.78)	277.79-740.77	0.23
Aug 2022	5736.6 (2034.91)	2115.87-9774.46	0.35	7658.55 (2322.78)	3343.11-12203.16	0.30	9016.23 (2406.49)	4599.29-13917.31	0.27
Sep 2022	268.47 (55.22)	153.41-370.74	0.21	475.52 (67.06)	353.59-609.64	0.14	784.47 (121.56)	564.99-1026.73	0.15
Oct 2022	1607.47 (854.83)	390.77-3517.34	0.53	2241.26 (855.94)	826.91-4108.97	0.38	2993.09 (962.42)	1474.34-5205.05	0.32
Nov 2022	1920.09 (229.53)	1462.92-2358.96	0.12	2683.93 (249.36)	2225.69-3187.74	0.09	3444.74 (328.42)	2818.43-4098.69	0.10
Dec 2022	940.32 (239.77)	558.6-1461.68	0.25	1230.22 (244.16)	839.22-1774.04	0.20	2249.56 (336.22)	1682.1-2999.41	0.15
Jan 2023	1692.98 (480.17)	800.32-2708.77	0.28	2368.56 (532.93)	1406.66-3454.59	0.23	3273.53 (619.92)	2182.35-4616.52	0.19
Feb 2023	1831.33 (362.37)	1129.07-2563.87	0.20	2436.17 (417.64)	1683.28-3317.55	0.17	3974.59 (715.65)	2733.5-5506.51	0.18

Table 27. DBS - East. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3382.48 (653.43)	2214.49- 4756.07	0.19	4974.6 (756.97)	3596.08- 6638.4	0.15	6666.74 (697.85)	5302.22- 8030.01	0.10
Apr 2021	465.98 (154.09)	172.59- 776.63	0.33	784.81 (208.69)	400.34- 1202.27	0.27	1642.5 (598.78)	634.23- 2976.42	0.36
May 2021	203.1 (56.51)	101.55-315.93	0.28	295.07 (70.67)	164.94-436.7	0.24	345.54 (84.65)	185.11-518.31	0.24
Jun 2021	8.49 (7.68)	0-25.46	0.90	42.45 (24.26)	0-99.05	0.57	50.84 (23.8)	12.71-101.68	0.47
Jul 2021	16.83 (9.6)	0-33.66	0.57	16.88 (8.38)	0-33.76	0.50	16.83 (10.09)	0-33.65	0.60
Aug 2021	33.5 (20.91)	0-83.75	0.62	100.83 (19.32)	72.02-144.05	0.19	142.72 (51.95)	57.09-256.89	0.36
Sep 2021	200.3 (62.08)	100.15-338.01	0.31	260.3 (65.57)	141.98- 390.45	0.25	419.35 (112.42)	222.01-653.7	0.27
Oct 2021	58.12 (30.93)	0-116.25	0.53	473.62 (246.99)	63.15-884.08	0.52	706.05 (379.67)	92.09-1551	0.54
Nov 2021	2490.51 (364.06)	1801.96- 3252.31	0.15	3481 (314.83)	2839.76- 4106.97	0.09	4410.11 (422.43)	3622.05- 5259.17	0.10
Dec 2021	84.77 (36.78)	21.19-169.53	0.43	178.27 (67.43)	66.85-311.97	0.38	338.17 (137.59)	105.68- 634.07	0.41
Jan 2022	368.77 (103.89)	173.54-564.01	0.28	593.28 (144.77)	317.83- 889.92	0.24	760.14 (178.6)	431.43- 1109.39	0.23
Feb 2022	780.1 (167.57)	472.79- 1134.69	0.21	1007.55 (200.54)	623.72- 1391.37	0.20	1023.1 (204.25)	642.41- 1451.38	0.20
Mar 2022	1342.93 (521.25)	415.09- 2442.3	0.39	2090.22 (968.68)	611.77- 4232.07	0.46	2801.26 (1020.98)	1032.8- 4922.61	0.36
Apr 2022	182.89 (73.12)	45.72-331.5	0.40	283.66 (95.77)	123.33-493.33	0.34	441.34 (120.58)	220.67- 674.27	0.27
May 2022	275.01 (82.43)	126.93- 444.25	0.30	392.59 (91.19)	216.96- 578.56	0.23	627.45 (126.05)	393.49- 893.32	0.20
Jun 2022	0 (0)	0-0		8.36 (6.51)	0-16.92	0.78	66.64 (26.62)	19.04-123.76	0.40
Jul 2022	176 (51.1)	77-275	0.29	387.66 (109.62)	166.14-598.1	0.28	619.62 (144.51)	337.98- 901.27	0.23
Aug 2022	6943.87 (2463.16)	2561.16- 11831.49	0.35	9270.43 (2811.65)	4046.74- 14771.55	0.30	10917.89 (2914.06)	5569.35- 16852.69	0.27
Sep 2022	322.16 (66.27)	184.09- 444.89	0.21	574.21 (80.98)	426.98- 736.17	0.14	953.85 (147.8)	686.98- 1248.42	0.15
Oct 2022	1950.73 (1037.37)	474.21- 4268.43	0.53	2717.94 (1037.99)	1002.78- 4982.89	0.38	3628.5 (1166.73)	1787.33- 6310.03	0.32
Nov 2022	2322.15 (277.6)	1769.26- 2852.93	0.12	3248.54 (301.82)	2693.9- 3858.33	0.09	4172.97 (397.85)	3414.25- 4965.16	0.10
Dec 2022	1134.86 (289.38)	674.18-1764.1	0.25	1490.93 (295.9)	1017.07-2150	0.20	2722.29 (406.87)	2035.59- 3629.72	0.15
Jan 2023	2053.37 (582.38)	970.68- 3285.39	0.28	2865.88 (644.83)	1702.01- 4179.93	0.23	3963.58 (750.59)	2642.39- 5589.67	0.19
Feb 2023	2214.25 (438.13)	1365.15- 3099.95	0.20	2953.44 (506.32)	2040.69- 4021.96	0.17	4812.66 (866.55)	3309.88- 6667.59	0.18

Table 28. DBS - East. Abundance of Small gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	50.25 (50.1)	0-150.76	1.00	50.42 (50.63)	0-151.25	1.00	50.37 (50.76)	0-151.11	1.01
Sep 2021	8.35 (8.7)	0-25.04	1.04	8.4 (8.2)	0-25.19	0.98	8.39 (8.43)	0-25.16	1.00
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	8.48 (8.6)	0-25.43	1.01	8.49 (8.6)	0-25.47	1.01	8.45 (8.6)	0-25.57	1.02
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	109.8 (46.29)	33.57-202.92	0.42	118.47 (47.83)	42.1-220.02	0.40	126.95 (49.37)	33.85-236.96	0.39
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	24.98 (24.86)	0-74.93	1.00	33.41 (25.45)	0-91.87	0.76	41.7 (27.25)	0-100.09	0.65
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	32.82 (16.45)	8.21-73.85	0.50	32.73 (16.85)	8.18-65.46	0.51	32.73 (16.09)	8.18-65.46	0.49
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		8.3 (8.48)	0-24.89	1.02

Table 29. DBS - East. Abundance of Tern species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	33.3 (26.17)	0-99.91	0.79	33.41 (26.2)	0-91.87	0.78	75.07 (47.8)	0-175.15	0.64
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 30. DBSouth - West. Abundance of Arctic skua recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 31. DBSouth - West. Abundance of Arctic tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 32. DBSouth - West. Abundance of Black-backed gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	8.26 (8.23)	0-24.78	1	8.39 (8.89)	0-25.17	1.06	8.37 (8.19)	0-25.12	0.98
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 33. DBSouth - West. Abundance of Commic tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	109.41 (99.12)	0-328.23	0.91	110.66 (102.67)	0-331.98	0.93	110.66 (89.88)	0-331.99	0.81
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	42.54 (24.28)	0-93.58	0.57	42.52 (26.68)	0-93.54	0.63	230.05 (105.29)	34.08-443.06	0.46
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 34. DBSouth - West. Abundance of Common gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	25.52 (18.36)	0-68.06	0.72	42.52 (24.53)	0-93.75	0.58	42.6 (25.74)	0-93.94	0.60
Sep 2022	33.93 (27.92)	0-101.78	0.82	33.94 (29.72)	0-101.81	0.88	34 (29.22)	0-101.99	0.86
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 35. DBSouth - West. Abundance of Common tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 36. DBSouth - West. Abundance of Fulmar recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	59.93 (28.67)	8.56-119.87	0.48	60.63 (26.19)	17.32-112.61	0.43	60.43 (18.29)	25.9-94.96	0.30
Apr 2021	125.43 (115.29)	0-376.28	0.92	126.08 (104.36)	0-378.25	0.83	126.7 (74.95)	0-253.39	0.59
May 2021	8.33 (7.55)	0-25	0.91	16.9 (9.51)	0-33.8	0.56	33.64 (12.16)	8.41-58.87	0.36
Jun 2021	17.14 (10.98)	0-42.85	0.64	51.28 (28.28)	8.55-111.11	0.55	51.44 (19.55)	8.57-94.31	0.38
Jul 2021	0 (0)	0-0		0 (0)	0-0		8.51 (5.26)	0-17.03	0.62
Aug 2021	24.89 (13.07)	0-49.77	0.53	41.48 (17.43)	8.3-74.67	0.42	116.51 (31.16)	58.26-183.09	0.27
Sep 2021	25.53 (12.22)	0-51.07	0.48	34.14 (11.77)	8.53-59.74	0.34	42.76 (10.8)	25.66-59.87	0.25
Oct 2021	16.87 (10.86)	0-42.18	0.64	16.87 (9.34)	0-33.73	0.55	16.91 (6.66)	8.24-25.36	0.39
Nov 2021	29.57 (16.16)	0-68.99	0.55	98.64 (48.3)	19.73-197.29	0.49	147.48 (40.98)	68.82-226.14	0.28
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		8.48 (6.93)	0-25.45	0.82	8.43 (5.09)	0-16.87	0.60
Feb 2022	32.95 (17.4)	0-65.91	0.53	41.33 (18.04)	8.27-74.4	0.44	41.47 (11.14)	24.68-66.35	0.27
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		8.41 (4.99)	0-16.83	0.59
May 2022	8.42 (7.72)	0-25.25	0.92	17.07 (9.65)	0-34.13	0.57	33.95 (9.75)	16.98-50.93	0.29
Jun 2022	8.42 (7.93)	0-25.27	0.94	25.28 (14.52)	0-50.56	0.57	33.77 (12.06)	8.44-59.1	0.36
Jul 2022	49.94 (22.77)	8.32-99.87	0.46	59 (21.8)	16.86-109.58	0.37	58.83 (14.19)	33.62-84.04	0.24
Aug 2022	17.02 (15.38)	0-51.05	0.90	17.01 (13.27)	0-34.01	0.78	17.04 (9.31)	0-34.08	0.55
Sep 2022	8.48 (7.48)	0-25.45	0.88	8.48 (6.83)	0-25.45	0.80	25.5 (8.64)	8.5-42.5	0.34
Oct 2022	50.76 (22.06)	16.92-93.06	0.43	59.08 (21.73)	16.88-101.29	0.37	67.62 (15.74)	33.81-92.98	0.23
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		103.75 (54.73)	0-207.49	0.53
Jan 2023	24.64 (12.34)	0-49.29	0.50	33.04 (14.61)	8.26-57.83	0.44	49.75 (11)	24.87-74.62	0.22
Feb 2023	259.63 (73.03)	125.63-410.59	0.28	410.35 (58.16)	301.48-527.6	0.14	529.38 (59.2)	403.34-638.61	0.11

Table 37. DBSouth - West. Abundance of Gannet recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	17.12 (13.12)	0-42.81	0.77	34.65 (14.96)	8.66-60.63	0.43	43.16 (17.79)	8.63-77.7	0.41
Apr 2021	284.3 (74.41)	150.3-426.45	0.26	353.04 (74.27)	210.14-495.93	0.21	380.09 (79.52)	219.61-532.12	0.21
May 2021	124.98 (36.37)	58.33-199.97	0.29	143.67 (36.03)	76.06-211.28	0.25	269.14 (80.78)	117.75-428.94	0.30
Jun 2021	25.71 (10.11)	8.57-42.85	0.39	34.19 (7.89)	17.09-51.28	0.23	51.44 (13.34)	25.72-77.16	0.26
Jul 2021	50.5 (28.15)	0-109.41	0.56	51.07 (26.38)	8.3-102.15	0.52	51.08 (27.73)	0-102.15	0.54
Aug 2021	116.14 (26.39)	66.36-165.91	0.23	207.41 (23.49)	165.92-248.89	0.11	233.02 (29.99)	174.77-291.28	0.13
Sep 2021	34.04 (13.06)	8.51-59.58	0.38	68.27 (12.42)	42.67-93.87	0.18	136.84 (29.23)	85.53-196.71	0.21
Oct 2021	126.55 (40.15)	50.62-202.49	0.32	134.93 (48.11)	42.17-227.69	0.36	143.71 (46.98)	58.96-236.69	0.33
Nov 2021	49.28 (40.08)	0-147.84	0.81	49.32 (33.24)	0-98.64	0.67	88.49 (48.07)	0-176.98	0.54
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		100.67 (56.55)	8.39-201.33	0.56	267.98 (77.68)	117.24-418.72	0.29
Apr 2022	176.51 (44.35)	100.86-268.96	0.25	251.38 (54.83)	142.45-352.15	0.22	302.9 (65.46)	193.31-437.52	0.22
May 2022	33.66 (23.38)	0-84.15	0.69	136.54 (43.17)	59.73-221.87	0.32	237.65 (58.84)	127.1-356.48	0.25
Jun 2022	58.97 (18.81)	25.27-92.88	0.32	67.41 (15.49)	33.7-92.69	0.23	92.87 (19.72)	50.66-126.64	0.21
Jul 2022	149.81 (55.76)	49.94-266.33	0.37	269.73 (49.51)	177.01-362.45	0.18	294.14 (58.89)	176.49-411.8	0.20
Aug 2022	144.63 (50.92)	59.55-246.94	0.35	212.59 (46.65)	119.05-306.12	0.22	247.09 (56.85)	136.32-358.07	0.23
Sep 2022	229.02 (120.53)	33.93-458.24	0.53	356.32 (127.5)	118.77-611.04	0.36	433.46 (185.3)	127.49-790.64	0.43
Oct 2022	668.37 (143.68)	406.1-964.69	0.21	886.26 (126.3)	633.05-1139.48	0.14	997.4 (133.96)	743.61-1250.97	0.13
Nov 2022	151.66 (43.02)	67.4-235.91	0.28	162.54 (45.99)	76.99-248.09	0.28	178.6 (44.35)	93.55-255.14	0.25
Dec 2022	76.96 (22.61)	34.2-119.71	0.29	77.58 (24.08)	34.48-120.68	0.31	164.26 (60.78)	51.87-293.95	0.37
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	16.75 (9.84)	0-33.5	0.59	16.75 (9.49)	0-33.5	0.57	16.81 (9.24)	0-33.61	0.55

Table 38. DBSouth - West. Abundance of Great black-backed gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		9.86 (10.07)	0-29.59	1.02	9.83 (9.56)	0-29.5	0.97
Dec 2021	34.15 (34.77)	0-102.44	1.02	42.53 (34.62)	0-119.09	0.81	42.64 (35.75)	0-119.6	0.84
Jan 2022	0 (0)	0-0		8.48 (8.35)	0-25.45	0.98	33.73 (20.93)	0-84.33	0.62
Feb 2022	16.48 (11.43)	0-41.19	0.69	24.8 (13.49)	0-57.86	0.54	49.77 (19.5)	16.59-91.24	0.39
Mar 2022	0 (0)	0-0		0 (0)	0-0		16.75 (16.51)	0-50.25	0.99
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	17.02 (16.21)	0-51.05	0.95	17.01 (16.58)	0-51.02	0.97	17.04 (16.52)	0-51.12	0.97
Sep 2022	25.45 (18.76)	0-67.86	0.74	84.84 (62.29)	0-229.06	0.73	84.99 (58.6)	0-229.48	0.69
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	25.65 (18.62)	0-68.41	0.73	25.86 (19.62)	0-68.96	0.76	34.58 (20.91)	0-77.81	0.60
Jan 2023	32.86 (16.05)	8.21-65.92	0.49	33.04 (16.43)	8.26-66.09	0.50	33.16 (16.56)	8.29-66.33	0.50
Feb 2023	8.38 (8.31)	0-25.13	0.99	58.62 (51.47)	0-167.49	0.88	58.82 (52.29)	0-168.27	0.89

Table 39. DBSouth - West. Abundance of Great northern diver recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.5 (8.62)	0-25.51	1.01
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 40. DBSouth - West. Abundance of Great skua recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 41. DBSouth - West. Abundance of Guillemot recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	1969.24 (286.05)	1386.6-2457.48	0.15	3594.75 (387.91)	2840.93-4322.36	0.11	6474.75 (810.17)	4903.11-8071.86	0.13
Apr 2021	3804.6 (511.5)	2800.56-4816.37	0.13	5203.08 (693.88)	3917.02-6540.63	0.13	6368.56 (740.37)	4873.34-7728.42	0.12
May 2021	474.94 (78.38)	324.96-633.46	0.17	600.03 (82.99)	447.91-777.51	0.14	975.63 (145.81)	706.49-1278.42	0.15
Jun 2021	565.67 (78.71)	428.54-719.94	0.14	1076.87 (108.17)	863.2-1282.2	0.10	1388.89 (208.07)	994.3-1792.05	0.15
Jul 2021	3147.61 (346.34)	2541.65-3846.35	0.11	4494.56 (365.37)	3779.52-5201.09	0.08	6384.45 (475.33)	5422.53-7312.54	0.07
Aug 2021	978.86 (133.55)	730-1244.31	0.14	1518.21 (190.9)	1144.88-1883.24	0.13	2346.89 (298.9)	1764.33-2904.69	0.13
Sep 2021	442.57 (79.84)	297.88-612.79	0.18	768.06 (110.89)	554.71-972.88	0.14	1479.61 (203.78)	1103.08-1873.04	0.14
Oct 2021	573.71 (82.34)	413.41-734.01	0.14	927.65 (132.57)	674.44-1189.07	0.14	1191.91 (140.54)	912.74-1462.62	0.12
Nov 2021	2532.91 (374.97)	1803.59-3213.44	0.15	3600.5 (402.58)	2811.35-4389.65	0.11	5319.12 (478.14)	4394.91-6233.75	0.09
Dec 2021	452.43 (108.51)	247.55-665.84	0.24	910.21 (238)	450.64-1361.06	0.26	1151.18 (242.72)	707.55-1628.71	0.21
Jan 2022	596.99 (121.04)	353.15-824.01	0.20	1255.54 (304.65)	678.46-1832.41	0.24	1678.25 (297.13)	1121.43-2285.45	0.18
Feb 2022	947.39 (145.86)	650.81-1211.01	0.15	1421.78 (248.31)	950.61-1893.15	0.17	2189.68 (246.95)	1716.91-2687.75	0.11
Mar 2022	495.57 (120.63)	264.31-726.84	0.24	956.32 (139.92)	679.28-1208.2	0.15	2411.81 (587.23)	1314.35-3550.71	0.24
Apr 2022	2235.76 (315.37)	1647.19-2832.74	0.14	3443.95 (505.74)	2454.76-4407.8	0.15	4812.75 (690.01)	3508.18-6176.01	0.14
May 2022	4645.27 (505.92)	3719.16-5680.78	0.11	6485.46 (564.74)	5384.64-7577.97	0.09	9319.28 (625.74)	8131.03-10524.72	0.07
Jun 2022	1145.75 (337.98)	522.33-1786.02	0.29	1466.15 (386.16)	792.06-2207.66	0.26	1815.21 (444.08)	1012.93-2693.26	0.24
Jul 2022	3187.63 (747.71)	1846.83-4619.37	0.23	4846.69 (1011.19)	2840.58-6692.65	0.21	5908.06 (1135.73)	3949.7-8228.42	0.19
Aug 2022	12931.7 (2958.06)	7144.76-18779.47	0.23	16215.99 (3452.11)	9693.03-23035.72	0.21	21846.04 (5772.26)	11304.09-32973.97	0.26
Sep 2022	687.05 (113.63)	458.03-924.54	0.17	1051.99 (162.63)	763.33-1382.85	0.15	1512.87 (197.49)	1138.9-1895.33	0.13
Oct 2022	1302.9 (228.83)	862.75-1751.3	0.18	1890.7 (332.57)	1248.79-2532.39	0.18	2578.02 (286.25)	2003.25-3144.55	0.11
Nov 2022	2477.08 (319.36)	1803.05-3100.78	0.13	3593.08 (440.56)	2737.37-4457.13	0.12	4745.59 (441.46)	3878.12-5587.76	0.09
Dec 2022	4497.64 (800.05)	2941.43-5951.47	0.18	6922.12 (873.55)	5240.72-8560.19	0.13	8939.45 (1076.71)	6837.95-10980.22	0.12
Jan 2023	1552.49 (184.48)	1190.86-1913.92	0.12	2065.26 (262.13)	1544.81-2569.18	0.13	2711.12 (313.39)	2072.52-3283.4	0.12
Feb 2023	7554.44 (1044.66)	5536.02-9606.37	0.14	10216.93 (1150.1)	7989.31-12411.48	0.11	13385.7 (1227.48)	11125.13-15907.39	0.09

Table 42. DBSouth - West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3090.85 (448.97)	2176.36- 3857.18	0.15	5829.56 (629.08)	4607.11- 7009.51	0.11	10394.13 (1300.59)	7871.13- 12958.02	0.13
Apr 2021	6488.72 (872.36)	4776.34- 8214.29	0.13	9027.65 (1203.92)	6796.26- 11348.36	0.13	11242.11 (1306.93)	8602.67- 13642.61	0.12
May 2021	566.59 (93.5)	387.67-755.71	0.17	752.15 (104.02)	561.47- 974.62	0.14	1177.49 (175.97)	852.67- 1542.92	0.15
Jun 2021	625.66 (87.06)	473.99-796.3	0.14	1136.69 (114.18)	911.16- 1353.43	0.10	1466.05 (219.63)	1049.54- 1891.61	0.15
Jul 2021	3299.1 (363.01)	2663.98- 4031.47	0.11	4681.84 (380.6)	3937-5417.81	0.08	6656.85 (495.61)	5653.89- 7624.54	0.07
Aug 2021	1153.06 (157.31)	859.91- 1465.76	0.14	1916.42 (240.97)	1445.17- 2377.2	0.13	2987.7 (380.52)	2246.08- 3697.81	0.13
Sep 2021	536.19 (96.72)	360.9-742.42	0.18	1032.61 (149.09)	745.78- 1307.98	0.14	1915.8 (263.86)	1428.27- 2425.2	0.14
Oct 2021	987.12 (141.67)	711.31- 1262.93	0.14	1501.1 (214.52)	1091.37- 1924.14	0.14	2028.78 (239.22)	1553.6- 2489.57	0.12
Nov 2021	3597.32 (532.55)	2561.52- 4563.84	0.15	5168.94 (577.96)	4036.02- 6301.85	0.11	7698.47 (692.02)	6360.85- 9022.23	0.09
Dec 2021	947.54 (227.27)	518.46- 1394.49	0.24	2084.12 (544.95)	1031.84- 3116.45	0.26	2822.53 (595.11)	1734.81- 3993.36	0.21
Jan 2022	1463.03 (296.63)	865.46- 2019.4	0.20	2884.36 (699.87)	1558.62- 4209.6	0.24	3752.87 (664.43)	2507.73- 5110.69	0.18
Feb 2022	1886.53 (290.44)	1295.97- 2411.48	0.15	2752.63 (480.74)	1840.42- 3665.23	0.17	4172.01 (470.52)	3271.23- 5120.98	0.11
Mar 2022	1874.92 (456.37)	999.96- 2749.89	0.24	2608.91 (381.71)	1853.13- 3296.04	0.15	6138.38 (1494.59)	3345.2- 9037.06	0.24
Apr 2022	2672.83 (377.02)	1969.2- 3386.51	0.14	4013.76 (589.41)	2860.9- 5137.07	0.15	5603.66 (803.41)	4084.7- 7190.95	0.14
May 2022	4830.41 (526.08)	3867.39- 5907.19	0.11	6775.6 (590.01)	5625.53- 7916.98	0.09	9743.66 (654.23)	8501.3- 11003.99	0.07
Jun 2022	1171.02 (345.44)	533.85- 1825.42	0.29	1499.86 (395.04)	810.27- 2258.41	0.26	1857.42 (454.4)	1036.49- 2755.9	0.24
Jul 2022	3379.06 (792.61)	1957.74- 4896.77	0.23	5133.28 (1070.98)	3008.55- 7088.39	0.21	6252.62 (1201.97)	4180.05- 8708.31	0.19
Aug 2022	13416.64 (3068.99)	7412.69- 19483.7	0.23	17151.36 (3651.24)	10252.14- 24364.47	0.21	23064.44 (6094.19)	11934.54- 34813	0.26
Sep 2022	831.24 (137.48)	554.16- 1118.58	0.17	1382.85 (213.78)	1003.4- 1817.78	0.15	1971.83 (257.4)	1484.41- 2470.32	0.13
Oct 2022	1514.41 (265.98)	1002.8- 2035.6	0.18	2228.32 (391.96)	1471.79- 2984.61	0.18	3059.82 (339.75)	2377.63- 3732.22	0.11
Nov 2022	2755.12 (355.2)	2005.43- 3448.82	0.13	4097.82 (502.45)	3121.91- 5083.25	0.12	5451.47 (507.12)	4454.97- 6418.92	0.09
Dec 2022	5241.55 (932.38)	3427.93- 6935.84	0.18	8206.54 (1035.64)	6213.16- 10148.57	0.13	10452.42 (1258.94)	7995.24- 12838.58	0.12
Jan 2023	1831.78 (217.67)	1405.09- 2258.22	0.12	2478.31 (314.56)	1853.78- 3083.02	0.13	3225.16 (372.81)	2465.47- 3905.94	0.12
Feb 2023	8819.1 (1219.55)	6462.78- 11214.53	0.14	12151.45 (1367.87)	9502.03- 14761.52	0.11	15931.75 (1460.96)	13241.21- 18933.08	0.09

Table 43. DBSouth - West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	4049.78 (588.26)	2851.57- 5053.86	0.15	7639.92 (824.44)	6037.84- 9186.32	0.11	13622.87 (1704.59)	10316.15- 16983.18	0.13
Apr 2021	8503.9 (1143.28)	6259.71- 10765.38	0.13	11835.13 (1578.32)	8909.8- 14877.56	0.13	14738.91 (1713.45)	11278.49- 17886.07	0.12
May 2021	741.57 (122.38)	507.39- 989.09	0.17	988.79 (136.75)	738.11- 1281.25	0.14	1547.56 (231.28)	1120.65- 2027.84	0.15
Jun 2021	822.79 (114.49)	623.32- 1047.19	0.14	1487.1 (149.37)	1192.04- 1770.65	0.10	1920.44 (287.7)	1374.83- 2477.9	0.15
Jul 2021	4325.86 (475.99)	3493.07- 5286.16	0.11	6137.46 (498.93)	5161.05- 7102.25	0.08	8725.41 (649.61)	7410.79- 9993.8	0.07
Aug 2021	1509.76 (205.98)	1125.93- 1919.19	0.14	2513.75 (316.07)	1895.62- 3118.15	0.13	3919.8 (499.23)	2946.8- 4851.45	0.13
Sep 2021	706.41 (127.43)	475.47-978.11	0.18	1356.9 (195.91)	979.99- 1718.75	0.14	2514.49 (346.32)	1874.6- 3183.08	0.14
Oct 2021	1290.85 (185.26)	930.17- 1651.53	0.14	1964.92 (280.8)	1428.59- 2518.67	0.14	2662.77 (313.97)	2039.1- 3267.56	0.12
Nov 2021	4720.87 (698.87)	3361.55- 5989.26	0.15	6776.83 (757.74)	5291.5- 8262.16	0.11	10097.49 (907.66)	8343.03- 11833.75	0.09
Dec 2021	1246.31 (298.93)	681.94- 1834.19	0.24	2730.63 (714)	1351.92- 4083.18	0.26	3700.84 (780.3)	2274.65-5236	0.21
Jan 2022	1917.08 (388.69)	1134.05- 2646.11	0.20	3783.6 (918.06)	2044.55- 5522.01	0.24	4916.68 (870.48)	3285.4- 6695.58	0.18
Feb 2022	2471.44 (380.49)	1697.77- 3159.15	0.15	3612.31 (630.88)	2415.2- 4809.93	0.17	5465.91 (616.45)	4285.77- 6709.19	0.11
Mar 2022	2461.35 (599.11)	1312.72- 3609.98	0.24	3422.63 (500.76)	2431.12- 4324.07	0.15	8047.73 (1959.48)	4385.73- 11848.04	0.24
Apr 2022	3504.94 (494.4)	2582.26- 4440.8	0.14	5262.3 (772.76)	3750.83- 6735.03	0.15	7345.34 (1053.12)	5354.26- 9425.98	0.14
May 2022	6336.76 (690.13)	5073.42- 7749.32	0.11	8883.38 (773.55)	7375.54- 10379.82	0.09	12773.7 (857.68)	11144.99- 14425.96	0.07
Jun 2022	1533.28 (452.3)	699-2390.12	0.29	1963.3 (517.1)	1060.63- 2956.23	0.26	2431.54 (594.86)	1356.85- 3607.72	0.24
Jul 2022	4427.73 (1038.6)	2565.31- 6416.46	0.23	6726.36 (1403.35)	3942.23- 9288.23	0.21	8193.96 (1575.16)	5477.89- 11412.11	0.19
Aug 2022	17585.41 (4022.58)	9715.94- 25537.6	0.23	22483 (4786.25)	13439.1- 31938.35	0.21	30238.53 (7989.76)	15646.73- 45641.43	0.26
Sep 2022	1085.7 (179.57)	723.8-1461.01	0.17	1815.53 (280.67)	1317.35- 2386.54	0.15	2583.77 (337.28)	1945.09- 3236.98	0.13
Oct 2022	1988.19 (349.19)	1316.53- 2672.43	0.18	2920.45 (513.7)	1928.93- 3911.64	0.18	4014.95 (445.81)	3119.81- 4897.25	0.11
Nov 2022	3614.52 (466)	2630.98- 4524.6	0.13	5372.51 (658.74)	4093.02- 6664.47	0.12	7143.9 (664.56)	5838.02- 8411.68	0.09
Dec 2022	6874.73 (1222.89)	4496.02- 9096.92	0.18	10758.16 (1357.64)	8144.98- 13304.01	0.13	13703.13 (1650.47)	10481.77- 16831.39	0.12
Jan 2023	2398.56 (285.02)	1839.85- 2956.96	0.12	3246.59 (412.07)	2428.45- 4038.75	0.13	4228.36 (488.77)	3232.37- 5120.9	0.12
Feb 2023	11557.8 (1598.27)	8469.74- 14697.11	0.14	15928.36 (1793.03)	12455.46- 19349.7	0.11	20889.42 (1915.58)	17361.63- 24824.71	0.09

Table 44. DBSouth - West. Abundance of Herring gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		8.63 (8.65)	0-25.9	1.00
Apr 2021	8.36 (8.3)	0-25.09	0.99	8.41 (8.07)	0-25.22	0.96	8.45 (8.05)	0-25.34	0.95
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.08)	0-25.52	0.95	8.5 (8.32)	0-25.51	0.98	8.52 (8.7)	0-34.08	1.02
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		8.29 (8.26)	0-24.87	1.00
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 45. DBSouth - West. Abundance of Kittiwake recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	821.94 (163.75)	505.15-1130.39	0.20	1169.38 (190.66)	805.57-1541.84	0.16	2080.55 (362.39)	1389.7-2883.64	0.17
Apr 2021	1262.62 (248.4)	802.73-1814.5	0.20	1756.78 (338.51)	1143.17-2496.89	0.19	2120.04 (318.79)	1570.81-2770.41	0.15
May 2021	608.25 (137.32)	374.95-900.3	0.23	777.51 (147.78)	498.62-1081.96	0.19	1135.44 (178.93)	807.42-1522.33	0.16
Jun 2021	162.84 (89.69)	17.14-360.18	0.55	256.4 (104.56)	76.92-478.61	0.41	342.94 (122.94)	128.6-617.28	0.36
Jul 2021	100.99 (64.8)	0-244.28	0.64	119.17 (67.62)	8.51-272.4	0.57	119.18 (69.03)	8.51-272.4	0.58
Aug 2021	24.89 (17.94)	0-66.36	0.72	24.89 (17.89)	0-66.37	0.72	24.97 (17.85)	0-66.58	0.71
Sep 2021	127.66 (63.87)	17.02-263.84	0.50	145.08 (82.93)	17.07-324.29	0.57	265.13 (96.16)	102.63-487.5	0.36
Oct 2021	42.18 (23.8)	0-92.81	0.56	67.47 (29.1)	16.87-134.93	0.43	92.99 (34.54)	33.81-169.06	0.37
Nov 2021	39.42 (28.55)	0-108.41	0.72	49.32 (29.48)	0-118.37	0.60	127.82 (81.9)	9.83-314.62	0.64
Dec 2021	51.22 (47.41)	0-153.65	0.93	51.04 (47.54)	0-153.12	0.93	51.16 (49.89)	0-153.49	0.98
Jan 2022	126.12 (35.93)	67.27-201.8	0.28	525.97 (191.94)	220.57-958.62	0.36	640.94 (189.57)	312.04-1028.88	0.30
Feb 2022	107.1 (39.63)	40.98-189.68	0.37	148.79 (49.77)	66.13-247.98	0.33	165.88 (55.1)	66.35-290.3	0.33
Mar 2022	346.9 (123.27)	132.15-619.67	0.36	2130.75 (1215.15)	520.1-4850.4	0.57	2696.53 (1260.95)	979.8-5454.41	0.47
Apr 2022	1210.34 (272.51)	705.82-1773.69	0.23	1558.58 (294.44)	1030.67-2145.14	0.19	2061.41 (340.29)	1421.95-2793.42	0.17
May 2022	412.35 (178.66)	142.85-841.53	0.43	588.81 (185.79)	273.07-964.93	0.32	738.41 (199.95)	407.4-1171.49	0.27
Jun 2022	336.99 (166.09)	33.7-691.03	0.49	412.88 (187.93)	92.69-808.91	0.46	455.91 (233.38)	84.43-987.81	0.51
Jul 2022	832.28 (186.78)	499.37-1215.13	0.22	1053.63 (196.76)	665.68-1441.57	0.19	1437.1 (312)	890.83-2101.02	0.22
Aug 2022	5172.68 (2699.88)	1122.59-11035.33	0.52	7091.84 (3167.93)	1759.78-14068.45	0.45	7932.4 (3207.05)	2759.3-14893.69	0.40
Sep 2022	6378.49 (5074.43)	203.36-18028.58	0.80	7923.83 (5689.48)	551.44-20549.58	0.72	8031.8 (5987.74)	390.97-21415.16	0.75
Oct 2022	795.27 (173.52)	507.41-1201.37	0.22	1131.04 (237.31)	683.69-1620.6	0.21	1301.69 (253.87)	836.59-1825.96	0.20
Nov 2022	219.06 (82.37)	75.83-396	0.38	299.42 (88.38)	145.43-487.63	0.30	459.25 (117.26)	238.13-714.39	0.26
Dec 2022	3616.93 (1041.13)	1812.74-5891.4	0.29	4896.34 (1058.53)	3085-7259.17	0.22	7132.54 (1279.64)	4979.16-9873.6	0.18
Jan 2023	451.78 (128.62)	229.79-731.07	0.28	859.15 (230.53)	454.36-1346.55	0.27	1732.8 (470.04)	928.58-2744.49	0.27
Feb 2023	1633.17 (773.86)	418.34-3408.92	0.47	1792.15 (752.63)	535.76-3383.31	0.42	1991.47 (764.6)	730.84-3613.42	0.38

Table 46. DBSouth - West. Abundance of Large gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.48)	0-25.69	0.99	8.66 (8.88)	0-25.99	1.03	17.27 (11.56)	0-43.16	0.67
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		8.53 (8.38)	0-25.6	0.98	8.55 (8.42)	0-25.66	0.98
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	9.86 (9.72)	0-29.57	0.99	9.86 (9.53)	0-29.59	0.97	9.83 (9.76)	0-29.5	0.99
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.21)	0-25.52	0.96	8.5 (8.36)	0-25.51	0.98	8.52 (8.21)	0-25.56	0.96
Sep 2022	8.48 (8.32)	0-25.45	0.98	8.48 (8.2)	0-25.45	0.97	8.5 (8.43)	0-25.5	0.99
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 47. DBSouth - West. Abundance of Lesser black-backed gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		25.28 (25.6)	0-75.84	1.01	25.33 (24.69)	0-75.99	0.97
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 48. DBSouth - West. Abundance of Little auk recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	17.07 (16.74)	0-51.22	0.98	34.03 (24.05)	0-85.07	0.71	34.11 (24.21)	0-85.27	0.71
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	17.1 (11.63)	0-42.75	0.68	25.86 (14.49)	0-60.34	0.56	51.87 (24.31)	8.65-103.75	0.47
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 49. DBSouth - West. Abundance of Little gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.47)	0-25.45	1	8.48 (8.87)	0-33.94	1.05	8.5 (8.35)	0-25.5	0.98
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 50. DBSouth - West. Abundance of Puffin recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	59.93 (18.99)	25.69-94.18	0.32	69.3 (18.62)	34.65-103.94	0.27	86.33 (19.76)	51.8-121.08	0.23
Apr 2021	142.15 (22.85)	100.34-183.96	0.16	184.92 (21.82)	142.9-226.95	0.12	244.94 (33.02)	185.61-304.28	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42.56 (24.67)	0-85.13	0.58
Aug 2021	24.89 (12.37)	0-49.77	0.50	33.18 (17.65)	0-66.37	0.53	33.29 (14.37)	8.32-58.26	0.43
Sep 2021	25.53 (12.73)	0-51.07	0.50	25.6 (17.37)	0-51.2	0.68	42.76 (16.37)	8.55-68.64	0.38
Oct 2021	143.43 (43.02)	67.5-227.8	0.30	236.13 (51.27)	143.36-337.33	0.22	329.68 (67.32)	202.88-456.48	0.20
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	92.57 (25.9)	42.08-143.06	0.28	93.87 (33.57)	34.13-153.6	0.36	118.83 (34.46)	50.93-186.73	0.29
Jun 2022	16.85 (11.61)	0-33.7	0.69	16.85 (11.99)	0-33.7	0.71	16.89 (12.23)	0-33.77	0.72
Jul 2022	33.29 (16.56)	0-66.58	0.50	109.58 (49.55)	25.29-202.3	0.45	109.25 (50.88)	16.6-201.7	0.47
Aug 2022	59.55 (24.55)	17.02-102.09	0.41	68.03 (23.74)	25.51-110.54	0.35	68.16 (23.94)	25.35-110.76	0.35
Sep 2022	8.48 (6.05)	0-16.96	0.71	8.48 (5.93)	0-16.97	0.70	8.5 (6.32)	0-17	0.74
Oct 2022	25.38 (9.4)	8.46-42.3	0.37	84.41 (36.36)	25.32-143.49	0.43	109.88 (41.36)	33.81-194.41	0.38
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	42.75 (19.06)	8.55-85.51	0.45	43.1 (19.5)	0-86.2	0.45	43.23 (19.77)	0-86.46	0.46
Jan 2023	16.43 (7.78)	0-32.86	0.47	16.52 (8.12)	0-33.04	0.49	24.87 (5.99)	16.58-33.16	0.24
Feb 2023	8.38 (5.84)	0-16.75	0.70	8.37 (5.97)	0-16.75	0.71	16.81 (8.71)	0-33.61	0.52

Table 51. DBSouth - West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	59.93 (18.99)	25.69-94.18	0.32	69.3 (18.62)	34.65-103.94	0.27	86.33 (19.76)	51.8-121.08	0.23
Apr 2021	142.15 (22.85)	100.34-183.96	0.16	184.92 (21.82)	142.9-226.95	0.12	244.94 (33.02)	185.61-304.28	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42.56 (24.67)	0-85.13	0.58
Aug 2021	24.89 (12.37)	0-49.77	0.50	33.18 (17.65)	0-66.37	0.53	33.29 (14.37)	8.32-58.26	0.43
Sep 2021	25.53 (12.73)	0-51.07	0.50	25.6 (17.37)	0-51.2	0.68	42.76 (16.37)	8.55-68.64	0.38
Oct 2021	151.86 (45.55)	71.47-241.2	0.30	252.99 (54.93)	153.6-361.42	0.22	355.04 (72.5)	218.48-491.59	0.20
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	92.57 (25.9)	42.08-143.06	0.28	93.87 (33.57)	34.13-153.6	0.36	118.83 (34.46)	50.93-186.73	0.29
Jun 2022	16.85 (11.61)	0-33.7	0.69	16.85 (11.99)	0-33.7	0.71	16.89 (12.23)	0-33.77	0.72
Jul 2022	33.29 (16.56)	0-66.58	0.50	109.58 (49.55)	25.29-202.3	0.45	109.25 (50.88)	16.6-201.7	0.47
Aug 2022	59.55 (24.55)	17.02-102.09	0.41	68.03 (23.74)	25.51-110.54	0.35	68.16 (23.94)	25.35-110.76	0.35
Sep 2022	8.48 (6.05)	0-16.96	0.71	8.48 (5.93)	0-16.97	0.70	8.5 (6.32)	0-17	0.74
Oct 2022	25.38 (9.4)	8.46-42.3	0.37	84.41 (36.36)	25.32-143.49	0.43	109.88 (41.36)	33.81-194.41	0.38
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	42.75 (19.06)	8.55-85.51	0.45	43.1 (19.5)	0-86.2	0.45	43.23 (19.77)	0-86.46	0.46
Jan 2023	16.43 (7.78)	0-32.86	0.47	16.52 (8.12)	0-33.04	0.49	24.87 (5.99)	16.58-33.16	0.24
Feb 2023	8.38 (5.84)	0-16.75	0.70	8.37 (5.97)	0-16.75	0.71	16.81 (8.71)	0-33.61	0.52

Table 52. DBSouth - West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	68.5 (21.71)	29.36-107.64	0.32	77.96 (20.95)	38.98-116.94	0.27	103.6 (23.71)	62.16-145.29	0.23
Apr 2021	167.24 (26.89)	118.05-216.42	0.16	218.55 (25.79)	168.88-268.22	0.12	287.18 (38.72)	217.61-356.74	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		51.08 (29.6)	0-102.15	0.58
Aug 2021	24.89 (12.37)	0-49.77	0.50	41.48 (22.07)	0-82.96	0.53	41.61 (17.96)	10.4-72.82	0.43
Sep 2021	25.53 (12.73)	0-51.07	0.50	25.6 (17.37)	0-51.2	0.68	51.32 (19.64)	10.26-82.36	0.38
Oct 2021	177.18 (53.14)	83.38-281.4	0.30	295.16 (64.08)	179.2-421.66	0.22	414.21 (84.58)	254.9-573.52	0.20
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	109.4 (30.61)	49.73-169.07	0.28	110.94 (39.68)	40.34-181.53	0.36	135.8 (39.38)	58.2-213.4	0.29
Jun 2022	16.85 (11.61)	0-33.7	0.69	16.85 (11.99)	0-33.7	0.71	16.89 (12.23)	0-33.77	0.72
Jul 2022	41.61 (20.71)	0-83.23	0.50	126.44 (57.18)	29.18-233.42	0.45	126.06 (58.71)	19.15-232.73	0.47
Aug 2022	68.06 (28.06)	19.45-116.68	0.41	76.53 (26.7)	28.7-124.36	0.35	76.68 (26.93)	28.52-124.61	0.35
Sep 2022	8.48 (6.05)	0-16.96	0.71	8.48 (5.93)	0-16.97	0.70	8.5 (6.32)	0-17	0.74
Oct 2022	25.38 (9.4)	8.46-42.3	0.37	101.29 (43.63)	30.39-172.19	0.43	126.79 (47.72)	39.01-224.32	0.38
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	51.3 (22.87)	10.26-102.61	0.45	51.72 (23.41)	0-103.44	0.45	51.87 (23.73)	0-103.75	0.46
Jan 2023	16.43 (7.78)	0-32.86	0.47	16.52 (8.12)	0-33.04	0.49	24.87 (5.99)	16.58-33.16	0.24
Feb 2023	8.38 (5.84)	0-16.75	0.70	8.37 (5.97)	0-16.75	0.71	16.81 (8.71)	0-33.61	0.52

Table 53. DBSouth - West. Abundance of Razorbill recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	316.79 (99.82)	154.11-539.4	0.32	519.72 (121.41)	303.17-771.14	0.23	966.9 (176.21)	647.48-1321.06	0.18
Apr 2021	1229.18 (278.81)	727.47-1831.43	0.23	1697.94 (267.64)	1235.42-2244.3	0.16	1959.56 (338.23)	1334.31-2626.82	0.17
May 2021	174.98 (63.61)	66.66-308.29	0.36	245.08 (75.64)	101.41-397.21	0.31	370.07 (87.03)	210.06-546.69	0.24
Jun 2021	0 (0)	0-0		8.55 (8.54)	0-25.64	1.00	60.01 (34.91)	0-137.17	0.58
Jul 2021	25.25 (18.05)	0-67.33	0.71	25.54 (17.89)	0-68.1	0.70	25.54 (17.21)	0-68.1	0.67
Aug 2021	16.59 (10.83)	0-41.48	0.65	16.59 (11.17)	0-41.48	0.67	108.19 (50.78)	24.97-216.38	0.47
Sep 2021	42.55 (21.32)	8.51-85.11	0.50	59.74 (24.02)	17.07-110.94	0.40	94.08 (29.64)	34.21-153.95	0.32
Oct 2021	160.3 (59.79)	59.06-286.86	0.37	227.69 (55.89)	118.06-337.33	0.25	278.96 (72.9)	160.61-448.23	0.26
Nov 2021	118.27 (38.3)	49.28-206.97	0.32	138.1 (45.71)	59.19-236.75	0.33	235.97 (62.38)	127.82-373.62	0.26
Dec 2021	478.04 (157.09)	213.41-819.49	0.33	603.97 (142.95)	340.05-893.2	0.24	656.6 (186.42)	306.98-1040.54	0.28
Jan 2022	378.37 (105.6)	184.98-588.58	0.28	738.06 (233.45)	339.12-1238.79	0.32	1054.18 (267.75)	615.64-1652.95	0.25
Feb 2022	156.52 (51.93)	65.91-271.86	0.33	206.65 (60.81)	99.19-338.91	0.29	232.24 (58.67)	116.12-348.36	0.25
Mar 2022	90.86 (41.51)	24.78-181.71	0.46	1358.98 (907.18)	209.51-3330.35	0.67	1599.5 (896.13)	376.84-3609.54	0.56
Apr 2022	487.5 (164.11)	184.91-832.32	0.34	611.7 (193.91)	276.52-1030.67	0.32	732.01 (233)	302.9-1203.4	0.32
May 2022	176.72 (48.25)	92.57-269.29	0.27	264.54 (58.57)	162.14-384.01	0.22	356.48 (61.5)	237.65-483.79	0.17
Jun 2022	75.82 (32.85)	25.27-151.64	0.43	109.54 (37.93)	42.13-185.38	0.35	135.09 (49.14)	42.21-236.4	0.36
Jul 2022	349.56 (141.88)	91.55-649.39	0.41	404.59 (142.02)	151.72-699.61	0.35	512.65 (156.78)	226.91-857.21	0.31
Aug 2022	1939.75 (940.84)	484.73-4186.85	0.49	2534.01 (1011.84)	765.31-4669.22	0.40	3876.73 (1509.55)	1345.78-7089.1	0.39
Sep 2022	5012.89 (3837.75)	296.87-13886.8	0.77	6023.47 (3879.27)	728.97-15145.64	0.64	6765.41 (4381.19)	1011.41-16829.17	0.65
Oct 2022	211.51 (60.93)	101.52-338.41	0.29	438.91 (125)	211.02-709.01	0.28	650.84 (178.22)	354.79-1014.51	0.27
Nov 2022	850.97 (159.51)	547.65-1196.41	0.19	1052.26 (166.15)	761.39-1403.23	0.16	1369.25 (200.24)	995.04-1768.97	0.15
Dec 2022	3839.24 (707.74)	2556.43-5362.12	0.18	5879.06 (881.46)	4188.83-7543.21	0.15	7608.05 (1225.77)	5290.83-10047.59	0.16
Jan 2023	3491.06 (621.57)	2373.92-4756.05	0.18	4667.48 (651.12)	3452.91-6006.19	0.14	6359.12 (854.11)	4626.11-7926.3	0.13
Feb 2023	2680.07 (466.75)	1884.42-3743.72	0.17	3894.16 (556.04)	2922.5-5041.47	0.14	5352.6 (616.49)	4175.99-6546.01	0.12

Table 54. DBSouth - West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	496.59 (156.47)	241.58-845.55	0.32	840.22 (196.28)	490.13-1246.67	0.23	1553.94 (283.2)	1040.58-2123.14	0.18
Apr 2021	2098.8 (476.06)	1242.15-3127.14	0.23	2941.97 (463.74)	2140.57-3888.64	0.16	3454.56 (596.28)	2352.3-4630.9	0.17
May 2021	216.64 (78.75)	82.53-381.7	0.36	304.24 (93.9)	125.89-493.08	0.31	454.17 (106.81)	257.8-670.94	0.24
Jun 2021	0 (0)	0-0		8.55 (8.54)	0-25.64	1.00	60.01 (34.91)	0-137.17	0.58
Jul 2021	25.25 (18.05)	0-67.33	0.71	25.54 (17.89)	0-68.1	0.70	25.54 (17.21)	0-68.1	0.67
Aug 2021	16.59 (10.83)	0-41.48	0.65	16.59 (11.17)	0-41.48	0.67	133.16 (62.5)	30.73-266.31	0.47
Sep 2021	51.07 (25.59)	10.21-102.13	0.50	76.81 (30.88)	21.94-142.64	0.40	119.74 (37.73)	43.54-195.93	0.32
Oct 2021	269.98 (100.69)	99.47-483.13	0.37	371.06 (91.07)	192.4-549.72	0.25	473.38 (123.7)	272.55-760.64	0.26
Nov 2021	167.55 (54.26)	69.81-293.21	0.32	197.29 (65.3)	84.55-338.21	0.33	334.29 (88.37)	181.07-529.29	0.26
Dec 2021	1007.29 (331)	449.68-1726.79	0.33	1378.07 (326.16)	775.89-2038	0.24	1603.13 (455.16)	749.51-2540.54	0.28
Jan 2022	924.91 (258.12)	452.18-1438.74	0.28	1696.68 (536.67)	779.6-2847.79	0.32	2352.92 (597.63)	1374.11-3689.38	0.25
Feb 2022	313.05 (103.85)	131.81-543.72	0.33	396.77 (116.75)	190.45-650.71	0.29	439.6 (111.06)	219.8-659.39	0.25
Mar 2022	338.64 (154.72)	92.36-677.28	0.46	3707.84 (2475.15)	571.63-9086.51	0.67	4069.92 (2280.2)	958.88-9184.49	0.56
Apr 2022	579.95 (195.23)	219.98-990.17	0.34	703.87 (223.13)	318.19-1185.98	0.32	849.8 (270.49)	351.64-1397.05	0.32
May 2022	185.14 (50.55)	96.98-282.11	0.27	273.07 (60.46)	167.37-396.4	0.22	364.96 (62.96)	243.31-495.31	0.17
Jun 2022	75.82 (32.85)	25.27-151.64	0.43	109.54 (37.93)	42.13-185.38	0.35	135.09 (49.14)	42.21-236.4	0.36
Jul 2022	366.2 (148.64)	95.91-680.31	0.41	429.88 (150.9)	161.21-743.33	0.35	546.26 (167.06)	241.79-913.43	0.31
Aug 2022	2016.32 (977.98)	503.86-4352.12	0.49	2678.57 (1069.56)	808.96-4935.58	0.40	4089.74 (1592.49)	1419.72-7478.61	0.39
Sep 2022	6013.77 (4604)	356.15-16659.46	0.77	7923.83 (5103.15)	958.95-19923.98	0.64	8822.23 (5713.17)	1318.9-21945.57	0.65
Oct 2022	245.35 (70.68)	117.77-392.56	0.29	523.32 (149.03)	251.59-845.36	0.28	777.63 (212.94)	423.91-1212.15	0.27
Nov 2022	952.08 (178.46)	612.72-1338.56	0.19	1197.69 (189.11)	866.62-1597.17	0.16	1573.36 (230.09)	1143.37-2032.66	0.15
Dec 2022	4471.99 (824.38)	2977.76-6245.85	0.18	6965.22 (1044.32)	4962.72-8936.82	0.15	8904.87 (1434.71)	6192.68-11760.25	0.16
Jan 2023	4107.13 (731.26)	2792.85-5595.35	0.18	5600.98 (781.34)	4143.49-7207.42	0.14	7577.88 (1017.81)	5512.73-9445.42	0.13
Feb 2023	3132.33 (545.51)	2202.42-4375.47	0.17	4639.49 (662.47)	3481.86-6006.4	0.14	6360.94 (732.62)	4962.68-7779.17	0.12

Table 55. DBSouth - West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	599.33 (188.84)	291.57-1020.49	0.32	1013.46 (236.75)	591.18-1503.72	0.23	1881.99 (342.99)	1260.26-2571.36	0.18
Apr 2021	2541.97 (576.58)	1504.43-3787.45	0.23	3563.99 (561.78)	2593.15-4710.81	0.16	4180.95 (721.66)	2846.92-5604.64	0.17
May 2021	258.3 (93.89)	98.4-455.1	0.36	371.85 (114.77)	153.87-602.66	0.31	546.69 (128.56)	310.31-807.61	0.24
Jun 2021	0 (0)	0-0		8.55 (8.54)	0-25.64	1.00	68.59 (39.9)	0-156.77	0.58
Jul 2021	33.66 (24.06)	0-89.77	0.71	34.05 (23.85)	0-90.8	0.70	34.05 (22.94)	0-90.8	0.67
Aug 2021	16.59 (10.83)	0-41.48	0.65	16.59 (11.17)	0-41.48	0.67	158.12 (74.22)	36.49-316.25	0.47
Sep 2021	59.58 (29.85)	11.92-119.15	0.50	93.87 (37.74)	26.82-174.34	0.40	145.4 (45.81)	52.87-237.92	0.32
Oct 2021	329.04 (122.72)	121.23-588.81	0.37	446.96 (109.7)	231.76-662.16	0.25	574.82 (150.21)	330.96-923.63	0.26
Nov 2021	206.97 (67.03)	86.24-362.2	0.32	236.75 (78.36)	101.46-405.85	0.33	403.11 (106.57)	218.35-638.26	0.26
Dec 2021	1220.7 (401.13)	544.96-2092.63	0.33	1667.3 (394.62)	938.74-2465.72	0.24	1944.22 (552)	908.99-3081.08	0.28
Jan 2022	1118.3 (312.09)	546.72-1739.57	0.28	2052.98 (649.37)	943.31-3445.83	0.32	2850.49 (724.01)	1664.69-4469.57	0.25
Feb 2022	378.95 (125.71)	159.56-658.18	0.33	479.44 (141.08)	230.13-786.28	0.29	530.83 (134.11)	265.42-796.25	0.25
Mar 2022	412.98 (188.68)	112.63-825.96	0.46	4488 (2995.94)	691.9-10998.38	0.67	4932.48 (2763.45)	1162.1-11131	0.56
Apr 2022	706.03 (237.68)	267.8-1205.43	0.34	854.7 (270.94)	386.37-1440.12	0.32	1026.5 (326.73)	424.76-1687.52	0.32
May 2022	227.21 (62.03)	119.02-346.23	0.27	332.81 (73.69)	203.98-483.11	0.22	441.35 (76.14)	294.23-598.98	0.17
Jun 2022	92.67 (40.15)	30.89-185.34	0.43	134.82 (46.68)	51.85-228.15	0.35	160.41 (58.36)	50.13-280.72	0.36
Jul 2022	441.11 (179.04)	115.53-819.46	0.41	522.6 (183.44)	195.97-903.66	0.35	663.92 (203.04)	293.87-1110.16	0.31
Aug 2022	2441.71 (1184.31)	610.16-5270.29	0.49	3239.8 (1293.66)	978.46-5969.71	0.40	4950.29 (1927.58)	1718.46-9052.23	0.39
Sep 2022	7286.07 (5578.05)	431.49-20184.02	0.77	9595.13 (6179.52)	1161.21-24126.36	0.64	10683.57 (6918.54)	1597.17-26575.71	0.65
Oct 2022	296.11 (85.3)	142.13-473.78	0.29	633.05 (180.28)	304.35-1022.61	0.28	938.23 (256.92)	511.46-1462.48	0.27
Nov 2022	1154.29 (216.36)	742.86-1622.86	0.19	1454.34 (229.63)	1052.33-1939.42	0.16	1905.04 (278.6)	1384.41-2461.17	0.15
Dec 2022	5412.56 (997.77)	3604.06-7559.51	0.18	8430.67 (1264.04)	6006.85-10817.09	0.15	10780.95 (1736.98)	7497.35-14237.89	0.16
Jan 2023	4977.84 (886.28)	3384.93-6781.57	0.18	6782.31 (946.14)	5017.41-8727.57	0.14	9178.02 (1232.72)	6676.8-11439.92	0.13
Feb 2023	3793.97 (660.74)	2667.64-5299.71	0.17	5619.31 (802.38)	4217.2-7274.89	0.14	7705.39 (887.47)	6011.59-9423.38	0.12

Table 56. DBSouth - West. Abundance of Red-throated diver recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.41 (8.71)	0-25.23	1.04
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 57. DBSouth - West. Abundance of Skua species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 58. DBSouth - West. Abundance of Small gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		8.53 (8.71)	0-25.6	1.02	25.66 (19.68)	0-68.42	0.77
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	25.52 (15.07)	0-59.55	0.59	34.01 (16.81)	8.5-68.03	0.49	34.08 (15.98)	8.52-68.16	0.47
Sep 2022	0 (0)	0-0		8.48 (8.58)	0-25.45	1.01	8.5 (8.28)	0-25.5	0.97
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	8.43 (8.54)	0-25.28	1.01	8.55 (8.34)	0-25.66	0.97	8.5 (7.98)	0-25.51	0.94
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	16.75 (11.49)	0-41.88	0.69	16.75 (11.83)	0-41.87	0.71	16.81 (11.78)	0-42.01	0.70

Table 59. DBSouth - West. Abundance of Tern species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 60. DBS - East & West. Abundance of Arctic skua recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 61. DBS - East & West. Abundance of Arctic tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 62. DBS - East & West. Abundance of Black-backed gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	16.71 (12.01)	0-41.76	0.72	16.85 (12.15)	0-42.13 0-55	0.72	16.84 (11.75)	0-42.09 0-51	0.7
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 63. DBS - East & West. Abundance of Commic tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	109.41 (99.11)	0-328.2	0.91	110.266 (102.24)	0-330.6331.98	0.9392	110.0266 (89.35)	0-330.05331.99	0.81
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	159.1 (118.74)	0-421.05	0.75	160.12159.44 (118.54)	0-421.38444.31	0.74	438.3856 (179.4)	126.24-809.5234.08-976.86	0.41
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 64. DBS - East & West. Abundance of Common gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	42.18 (24.15)	0-92.59	0.57	58.99 59.22 (29.64)	8.43-118.20- 143.86	0.50	59.0428 (31.05)	8.43-126.460- 143.98	0.5352
Sep 2022	33.93 (28.69)	0-104.59	0.85	34.88 33.94 (30.55)	0- 104.63 101.81	0.8890	34.8 (29.91)	0- 104.4 101.99	0.8688
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	8.32 (8.2)	0-25.05	0.99	8.36 34 (8.47)	0-25.2924	1.0402	8.353 (8.22)	0-25.0524.89	0.9899

Table 65. DBS - East & West. Abundance of Common scoter recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	16.75 (16.62)	0-50.01	0.99	16.781 (16.76)	0-50.0942	1	16.7279 (17.27)	0-50.4537	1.03
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 66. DBS - East & West. Abundance of Common tern recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 67. DBS - East & West. Abundance of Fulmar recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	59.93 (28.39)	8.48-118.69	0.47	59.72 60.63 (25.8)	17.06-110.91 32-112.61	0.43	59.66 0.43 (18.04)	25.54-93.66 9-94.96	0.30
Apr 2021	125.43 (115)	0-375.36	0.92	134.04 43 (104.4)	0- 376.99 403.3	0.78	167.84 168.38 (78.52)	8.39-327.29 0-361.78	0.47
May 2021	8.33 (7.61)	0-25.19	0.91	16.88 9 (9.49)	0- 33.76 8	0.56	33.68 64 (12.17)	8.42 41-58.9387	0.36
Jun 2021	17.14 (10.92)	0-42.64	0.64	68.15 26 (30.31)	17.04-127.78 8.55-153.56	0.44	68.19 39 (21.59)	25.8 57-110.81128.2	0.32
Jul 2021	8.41 (7.95)	0-25.25	0.95	8.48 44 (7.86)	0-25.4332	0.93	16.93 (9.02)	0- 33.85 42.26	0.53
Aug 2021	24.89 (13.13)	0-50.01	0.53	41.74 48 (17.54)	8.35-75.14 3-74.67	0.42	117.01 116.51 (31.29)	58.51 26-183.8809	0.27
Sep 2021	142.38 (39.66)	75.86-227.57	0.28	211.64 210.47 (46.1)	126.98-304.76 100.9-320.25	0.22	287.97 285.99 (55.71)	177.87-398.08 168.2-4412.13	0.19
Oct 2021	33.48 (15.66)	8.37-66.96	0.47	33.48 (13.96)	8.37-58.60 -75.28	0.42	33.52 (11.62)	8.38 24-58.6659	0.35
Nov 2021	54.89 (21.11)	18.3-100.64	0.38	118.56 124.05 (45.85)	36.48-209.76 19.73-248.11	0.3937	200.28 206.73 (44.09)	118.12-291.31 94.22-327.71	0.2221
Dec 2021	8.48 (8.13)	0-25.52	0.96	8.54 9 (8.08)	0-25.4947	0.95	8.49 45 (7.53)	0-25.4736	0.89
Jan 2022	16.76 (11.94)	0-41.97	0.71	25.26 2 (13.31)	0- 50.52 67.23	0.53	25.18 14 (11.88)	8.39-50.36 0-58.63	0.47
Feb 2022	41.34 (19.17)	8.31-83.13	0.46	49.98 73 (19.77)	16.66-91.63 8.27-99.58	0.40	50.04 49.86 (13.51)	25.02-75.06 24.68-91.51	0.27
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		8.37 41 (4.96)	0-16.7483	0.59
May 2022	16.75 (11)	0-41.87	0.66	25.33 42 (12.02)	0- 50.66 59.19	0.47	75.84 78 (18.81)	42.13-109.55 25.34-118.06	0.25
Jun 2022	8.42 (7.89)	0-25.14	0.94	25.18 28 (14.46)	0-50.3556	0.57	33.55 72 (11.98)	8.39-58.71 44-59.1	0.3635
Jul 2022	66.7 (25.01)	25.06-116.93	0.37	75.85 86 (24.78)	3316.86-151.71 126.42	0.33	76.01 75.8 (17.02)	42.23-109.79 33.62-117.99	0.22
Aug 2022	33.67 (19.18)	0-75.75	0.57	33.71 (17.15)	0- 67.42 75.77	0.51	33.72 (14.17)	8.43-59.01 0-75.78	0.42
Sep 2022	17.43 (11.28)	0-43.58	0.65	17.44 46 (10.68)	0- 43.59 52.37	0.61	60.96 1.16 (17.22)	34.8-95.71 7.41-104.9	0.28
Oct 2022	159.6 (49.61)	75.75-269.53	0.31	344.48 343.42 (72.79)	201.65-478.91 159.05-519.43	0.21	605.28 602.7 (85.05)	453.96-773.63 418.4-795.27	0.14
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.34 18 (7.45)	0-25.0324.55	0.8991
Dec 2022	0 (0)	0-0		8.38 15 (7.87)	0- 25.14 24.44	0.9497	142.68 144.5 (54.64)	33.57-260.18 16.3-272.7	0.38

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jan 2023	125.22 (67.83)	33.19-282.12	0.54	133.5 134.19 (71.79)	33.37 292.02 16.69- 319.13	0.54	192.48 (69.24)	83.52 359.44 58.32- 377.57	0.36
Feb 2023	351.2 (81.15)	208.74- 517.68	0.23	534.97 535.5 (69.79)	401.23 668.74 351.54- 728.04	0.13	668.03 670.44 (73.35)	517.73 809.99 477.8 1-862.65	0.11

Table 68. DBS - East & West. Abundance of Gannet recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	495.54 (113.58)	296.72-729.07	0.23	537.55 30.43 (112.82)	324.21-751.01 294.37-775.1	0.21	621.53 614.12 (125.14)	383.14-876.96 352.8-9-892.15	0.20
Apr 2021	375.83 (79.28)	225.22-533.85	0.21	502.65 503.32 (82.14)	335.1-653.66 301.9-8-713.01	0.16	537.09 538.5 (88.6)	360.86-704.94 302.9-8-782.25	0.16
May 2021	167.3 (40.94)	92.37-251.92	0.24	185. 782 (40.72)	109.73-270.11 84.49-295.58	0.22	336. 7756 (83.52)	185.01-496.73 143.03-546.93	0.25
Jun 2021	51.17 (15.67)	25.59-85.29	0.31	68.15 (17.54)	34.07-102.22 25.58-119.2	0.26	85. 2433 (20.88)	42.62-127.85 34.19-144.95	0.24
Jul 2021	58.91 (28.96)	8.42-117.81	0.49	76. 294 (29.44)	25.43-135.63 16.74-153.01	0.39	84. 6373 (32.3)	25.39-143.87 8.41-169.45	0.38
Aug 2021	141.26 (28.43)	91.69-200.05	0.20	258.81 257.82 (28.23)	208.72-317.25 191.13-332.91	0.11	284.18 283.39 (35.45)	217.31-359.41 191.56-383.63	0. 1213
Sep 2021	75.77 (16.75)	42.14-109.57	0.22	126.98 127.05 (19.98)	93.12-160.84 76.26-186.24	0.16	237. 1549 (38.3)	160.93-313.38 135.85-347.68	0.16
Oct 2021	217.89 (45.99)	125.55-309.69	0.21	301. 3611 (60.22)	184.17-418.56 133.57-468.66	0.20	402.23 401.2 (69.9)	276.54-544.69 216.78-602.17	0.17
Nov 2021	49.28 (37.21)	0-137.24	0.76	54.72 57.79 (32.13)	0- 109.44 124.05	0.5956	91.04 96.95 (45.1)	9.1182.07 0-202.37	0.5047
Dec 2021	8.48 (7.06)	0-25.52	0.83	8. 549 (7.27)	0-25. 4947	0.86	8. 4945 (7.8)	0-25. 4736	0.92
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	574.33 (145.92)	284-868.69	0.25	876879. 21 (247.71)	421.26-1373.33 63.6-1470.91	0.28	1835.13 1842.1 (675.29)	774.25-3309.34 633.49-3491.01	0.37
Apr 2022	384.34 (82.43)	242.42-551.71	0.21	510. 0402 (91.22)	342.61-702.36 275.94-752.82	0.18	669. 6629 (94.88)	493.87-870.55 434.5-9-945.48	0.14
May 2022	67 (27.6)	16.75-125.62	0.41	194.19 195.01 (47.5)	101.32-287.28 76.44-322.11	0.24	294.94 296.21 (61.72)	176.96-421.34 143.83-456.87	0.21
Jun 2022	67.31 (20.06)	33.52-108.96	0.30	75. 5377 (17.03)	41.96-109.13 7-117.76	0.2322	109. 0353 (22.35)	67.09-150.96 50.66-168.29	0.2120
Jul 2022	208.48 (59.96)	100.22-334.07	0.29	370. 8486 (59.45)	261.27-488.83 219.15-530.99	0.16	130.72 429.95 (66.54)	303.82-557.42 52.88-624	0.15
Aug 2022	252.87 (59.72)	143.09-370.55	0.24	345.53 346.21 (57.61)	244.4-463.52 185.86-514.92	0.17	404.66 405.56 (67.63)	278.2-539.54 219.73-599.94	0.17
Sep 2022	237.96 (123.93)	43.58-479.35	0.52	374.91 365.29 (131.5)	122.06-636.48 118.77-637.96	0.3536	487.24 78.03 (190.75)	174-852.82 136.4-879.79	0.3940
Oct 2022	1162.33 (192.11)	807.96-1548.6	0.17	1722. 3955 (224.98)	1277.09-2167.71 126.4-6-2352.31	0.13	1925. 1442 (232.21)	1471.18-2395.92 1320.49-2588.88	0.12

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Nov 2022	381.41 (83.73)	241.15-565.45	0.22	409.95 408.03 (92.06)	242.62-649.41 183.37- 657.23	0.2223	475.48 473.16 (95.47)	308.65-667.35 240.6 3-721.53	0.20
Dec 2022	133.7 (46.52)	49.97-233.2	0.35	134.07 61 (49.43)	50.28-234.62 34.48- 275.48	0.37	243.42 45.77 (75.64)	117.29-402.87 76.32- 481.41	0.31
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	133.29 (95.52)	8.35-359.04	0.72	133.74 55 (101.71)	8.36-359.43 0- 367.22	0.76	133.64 132.97 (105.01)	8.35-359.07 0- 373.82	0.79

Table 69. DBS - East & West. Abundance of Great black-backed gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		18.2433 (12.97)	0-45.655	0.71	18.243 (12.22)	0-45.5254.89	0.67
Dec 2021	42.62 (35.77)	0-119.09	0.84	50.9951.02 (35.5)	0-135.97144.56	0.70	59.4454 (36.95)	8.49-144.350-161.87	0.62
Jan 2022	50.29 (23.4)	8.39-100.74	0.47	67.3666.98 (26.58)	16.84-118.0971-134.08	0.394 0	176.26175.74 (59.67)	83.93-302.1650.12-351.64	0.34
Feb 2022	16.48 (11.53)	0-41.57	0.70	33.3219 (15.71)	8.33-66.640-83.05	0.47	66.7254 (22.1)	25.02-116.7516.59-133.17	0.33
Mar 2022	84.46 (34.06)	25.06-158.7	0.40	92.6893.09 (35.46)	25.28-168.539-169.25	0.38	168.36169.08 (52.19)	67.34-277.859.24-304.14	0.31
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	17.02 (16.04)	0-50.5	0.94	16.8617.01 (16.43)	0-50.5751.02	0.97	33.72 (23.62)	0-84.3101.17	0.70
Sep 2022	25.45 (19.28)	0-69.72	0.76	87.1984.84 (64.02)	0-235.44229.06	0.7375	8784.99 (59.98)	0-234.9229.48	0.6971
Oct 2022	0 (0)	0-0		42.0441.81 (43.65)	0-126.03125.44	1.04	42.0341.8 (43.18)	0-126.1125.41	1.03
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.3418 (8.49)	0-25.0324.55	1.0204
Dec 2022	25.65 (18.14)	0-66.63	0.71	41.942.16 (25.33)	0-100.55117.85	0.60	58.7559.03 (27.26)	8.39-117.50-143.01	0.46
Jan 2023	125.05 (55.32)	41.49-249.14	0.44	125.4576 (58.49)	33.37-250.5416.69-277.03	0.47	167.0481 (62.65)	58.46-300.6741.95-327.2	0.3837
Feb 2023	41.67 (27.61)	0-108.55	0.66	100.3134 (59.65)	8.36-234.260-275.95	0.59	116.949 (61.14)	25.05-250.728.3-292.73	0.52

Table 70. DBS - East & West. Abundance of Great northern diver recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.345 (8.45)	0-25.0351	1.010.99
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 71. DBS - East & West. Abundance of Great skua recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 72. DBS - East & West. Abundance of Guillemot recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	5284.57 (564.28)	4170.54-6400.99	0.11	8122.22 107.18 (657.7)	6859.52-94286361.6-9834.75	0.08	12277.39 12285.06 (978.97)	10301.69-14193.08 9613.28-14948.72	0.08
Apr 2021	5260.79 (575.21)	4120.45-6331.13	0.11	7824.67 833.04 (837.43)	6274.55-9609.22 5670.33-10139.08	0.11	11614.67 11621.21 (1615.92)	8868.57-1508480 33.06-16349.66	0.14
May 2021	584.95 (84.39)	444.85-755.76	0.14	742.87 43.35 (89.61)	573.77-936.94 523.79-988.27	0.12	1271.29 1270.61 (152.66)	985.04-1582.89 08.76-1682.96	0.12
Jun 2021	684.48 (86.82)	520.25-852.87	0.13	1243.71 1246.67 (113.58)	1030.53-1456.67 965.09-1528.41	0.09	1619.49 1626.15 (213.47)	1210.36-2028.84 1146.82-2139.47	0.13
Jul 2021	5217.58 (422.55)	4443.28-6050.81	0.08	7773.32 778.12 (496.62)	6806.95-8774.04 6463.55-9143.69	0.06	11306.27 11314.25 (685.12)	9977.4-12609.75 9426.51-13193.17	0.06
Aug 2021	1916.89 (227)	1500.16-2383.91	0.12	2755.07 2753.42 (280.95)	2220.75-3322.78 2010.37-3530.4	0.10	4521.7619 (485.72)	3627.23-5524.74 3275.43-5885.13	0.11
Sep 2021	1185.36 (142.18)	901.85-1474.98	0.12	2192.56 2187.13 (207.22)	1811.61-2599.41 1646.09-2745.03	0.09	3997.75 3987.34 (360.61)	3311.49-4734.63 3065.44-5018.39	0.09
Oct 2021	905.84 (98.02)	719.83-1104.85	0.11	1582.16 1584.06 (154.21)	1272.42-1883.73 1172.98-2003.36	0.10	2346.365 (336.7)	17761610.48-3265.53-3058.65	0.14
Nov 2021	7632.12 (648.15)	6550.26-9066.7	0.08	11245.16 10952.1 (666.67)	9931.63-12531.33 9146.39-12715.47	0.06	15749.09 15383.65 (748.68)	14347.15-17224.31 13485.57-17330.96	0.05
Dec 2021	1045.79 (154.73)	757.08-1361.04	0.15	1674.0821 (263.03)	1155.71-2167.17 985.23-2379.73	0.16	2343.523 (275.29)	1817.06-2878.43 1645.76-3108.41	0.12
Jan 2022	806.52 (125.38)	570.63-1041.16	0.16	1633.44 1639.92 (307.83)	1044.06-2214.41 954.21-2325.42	0.19	2283.02 2288.03 (304.68)	1712.06-2878.96 1564.15-3062.3	0.13
Feb 2022	2113.34 (218.07)	1679.05-2510.78	0.10	3032.15 3033.85 (304.36)	2440.72-3615.26 2218.44-3849.47	0.10	4294.8459 (305.23)	3711.07-4936.98 3444.44-5153.26	0.07
Mar 2022	2210.13 (456.07)	1378.22-3082.4	0.21	3235.25 3241.18 (522.88)	2299.64-4323.14 2058.24-4533.94	0.16	5370.71 5373.87 (814.01)	3845.99-7020.64 3192.93-7816.93	0.15
Apr 2022	3183.49 (351.07)	2491.06-3853.82	0.11	4590.44 4595.3 (541.52)	3494.85-5627.42 3222.32-5918.1	0.12	6437.07 6453.2 (725.86)	4988.73-7801.49 4723.94-8257.8	0.11
May 2022	6812.04 (583.14)	5702.85-7972.76	0.09	9794.04 9826.7 (629.21)	8518.5-11010.49 8149.3-11495.77	0.06	14157.19 14188.32 (718.87)	12817.31-15598.82 12372.41-16063.04	0.05
Jun 2022	1270.81 (338.6)	636.97-1910.91	0.27	1678.41 1683.45 (386.32)	981.87-2425.39 25.78-2508.53	0.23	2214.08 2223.39 (445.14)	1383.8-3069.73 1287.83-3243.06	0.20
Jul 2022	5576.17 (823.78)	4083.41-7241.02	0.15	8116.3349 (1114.29)	58915217.08-10147.52 10855.95	0.14	10894.59 10890.49 (1279.94)	8521.43-13428.43 7718.36-14568.93	0.12

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Aug 2022	20050.42 (3811.69)	12557.29- 27794.3	0.19	25602.96 25661.81 (4262.16)	17558.21- 34014.34 14753.77- 37626.84	0.17	34572.834665.6 (6300.11)	22382.44- 45941.74 19060.25- 51459.95	0.18
Sep 2022	1107.65 (140.17)	819.26- 1394.48	0.13	1656.59 1644.14 (183.63)	1298.9- 20312 11.7- 2136.5	0.11	2453.42 439.97 (227.77)	2026.88- 2905.81 851.8 3-3027.69	0.09
Oct 2022	3295.49 (404.4)	2516.26- 4065.28	0.12	4957.13 4951.52 (460.31)	4032.5- 5889.96 3715.63- 6254.09	0.09	6817.86 6808.4 (458.6)	5909.51- 7683.75 5556.29- 8110.95	0.07
Nov 2022	7728.6 (799.95)	6228.08- 9405	0.10	10817.71 10736.5 8 (882.34)	9127.7- 12466.93 8415.97- 13073.73	0.08	13705.63 13623.3 8 (900.82)	12012.24- 15540.84 11307.43- 16085.85	0.07
Dec 2022	7529.35 (911.19)	5813.03- 9194.99	0.12	10943.21 1020.13 (986.49)	9032.12- 12761.49 8483.08- 13611.62	0.09	14847.26 14930.1 3 (1136.64)	12547.36- 16937.75 11964.46- 17908.22	0.08
Jan 2023	3287.38 (306.88)	2680.15- 3883.31	0.09	4630.64 4636.12 (419.94)	3812.74- 5506.67 3533.86- 5839.65	0.09	6506.24 6514.82 (516.98)	54375085.18- 7475.28 7962.49	0.08
Feb 2023	9868.58 (1075.33)	7789.88- 11906.92	0.11	13817.26 13829.4 7 (1225.99)	11459.64- 16149.61 10675.77- 16925.07	0.09	18729.97 18779.2 (1392.29)	15939.89- 24577.67 15215.68- 22661.91	0.07

Table 73. DBS - East & West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8697.54 (932.64)	6893.08-10579.56	0.11	13335.44 13291.46 (1079.82)	11262.04-15478.95 10428.98-16124.98	0.08	19906.07 19890.46 (1587.27)	16702.74-23042.08 15569.4-24197.51	0.08
Apr 2021	8985.04 (982.43)	7037.47-10813.18	0.11	13370.54 13369.17 (1430.98)	10721.82-16420.03 9690.6-17288.67	0.11	19729.84 19696.39 (2744.96)	15065.03-25619.21 13688.32-27518.7	0.14
May 2021	685.07 (98.85)	521.11-885.32	0.14	911.62 920.76 (109.98)	704.17-1149.88 650.73-1222.58	0.12	1532.29 1531.46 (184)	1187.27-1907.75 1095.39-2028.36	0.12
Jun 2021	778.42 (98.76)	591.79-970.14	0.13	1345.93 1340.46 (122.91)	1115.23-1576.41 1033.42-1648.89	0.09	1764.39 1771.1 (232.57)	1318.65-2210.37 1245.64-2338.29	0.13
Jul 2021	5427.97 (439.59)	4622.44-6294.79	0.08	8078.48 8083.57 (516.11)	7074.18-9118.47 6717.63-9502.29	0.06	11754.79 11763.31 (712.3)	10373.21-13109.98 9801.36-13715.91	0.06
Aug 2021	2426.11 (287.2)	1898.02-3016.17	0.12	3665.07 3664.21 (373.75)	2954.27-4420.32 669.81-4707.88	0.10	6159.96 6177.81 (661.69)	4941.35-7526.31 4463.14-8070.66	0.11
Sep 2021	1470.94 (176.46)	1119.31-1830.65	0.12	2725.88 2728.77 (257.62)	2252.27-3231.33 2050.26-3426.17	0.09	4929.43 4926.75 (444.66)	4083.23-5838.04 3784.41-6201.73	0.09
Oct 2021	1477.01 (161.56)	1186.38-1820.96	0.11	2519.73 2523.11 (245.6)	2026.45-3000.01 1867.58-3191.95	0.10	3787.73 73789.74 (543.53)	2867.83-4937.54 2617.78-5239.33	0.14
Nov 2021	10942.22 (929.69)	9395.55-13005.08	0.08	16580.46 16103.17 (982.98)	14643.72-18476.86 13458.29-18685.07	0.06	23113.84 22554.02 (1098.78)	21056.3-25278.92 19778.94-25402.05	0.05
Dec 2021	2202.08 (325.81)	1594.17-2865.93	0.15	3730.56 3714 (586.15)	2575.41-4829.37 2172.3-5289.62	0.16	5332.31 5248.9 (626.39)	4134.47-6549.46 3644.5-7005.23	0.12
Jan 2022	1898.86 (295.16)	1343.36-2451.06	0.16	3671.04 3686.54 (691.83)	2346.44-4976.72 2134.1-5238.48	0.19	4977.32 4980.78 (664.25)	3732.53-6276.55 3399.23-6675.02	0.13
Feb 2022	4612.7 (476.5)	3668.79-5486.16	0.10	6580.77 6572.91 (660.57)	5297.16-7846.48 44.91-8301.3	0.10	9156.76 9136.57 (650.75)	7912.16-10525.83 7345.74-10936.05	0.07
Mar 2022	5954.38 (1222.55)	3694.46-8262.72	0.21	8399.85 8304.14 (1357.58)	5970.67-11224.41 5290.3-11585.76	0.16	13940.27 13983.61 (2112.86)	9982.7-18222.86 8320.76-20336.43	0.15
Apr 2022	3770.19 (414.82)	2943.38-4553.59	0.11	5426.53 5448.76 (640.16)	4131.43-6652.45 3817.57-7019.48	0.12	7567.11 7585.52 (853.29)	5864.51-9171.06 5553.49-9706.01	0.11
May 2022	7097.18 (606.84)	5934.61-8296.78	0.09	10233.09 10267.19 (657.41)	8900.36-11504.06 8514.6-12011.09	0.06	14789.21 14813.48 (750.96)	13389.51-16295.19 12917.57-16770.69	0.05
Jun 2022	1304.43 (347.57)	653.84-1961.53	0.27	1737.15 1742.23 (399.84)	1016.23-2510.19 959.42-2594	0.23	2272.79 2290.6 (456.94)	1420.49-3151.13 1328.21-3339.35	0.20

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jul 2022	5960.35 (879.28)	4358.49- 7728.82	0.15	8714.7388 (1196.44)	6325.42- 10895.685611 .67-11648.7	0.14	11688.4611676.4 3 (1373.21)	9142.37- 14406.93828 2.56-15610.5	0.12
Aug 2022	21009.94 (4007.49)	13202.34- 29222.05	0.19	27052.527114.99 (4503.47)	18552.29- 35940.07155 90.31- 39755.45	0.17	36553.9336643 (6661.13)	23664.68- 48574.34201 49.92- 54393.46	0.18
Sep 2022	1430.82 (170.83)	998.47- 1699.52	0.12	2188.442199.31 (242.59)	17151621.62- 2856.91- 2683.72	0.11	3192.93175.28 (296.42)	2637.82- 3781.662409. 85-3940.21	0.09
Oct 2022	3632.58 (441.53)	2747.35- 4438.62	0.12	5461.255498.21 (507.13)	4442.59- 6488.944107 .13-6960.52	0.09	7507.217557.82 (504.97)	6507.02- 8460.666155 .37-9012.71	0.07
Nov 2022	8630.25 (893.31)	6954.91- 10502.59	0.10	12164.6912075.9 6 (992.21)	10264.25- 14019.27946 3.98-14706.6	0.08	15507.4715417.5 1 (1019.24)	13591.45- 17583.941279 4.98- 18203.86	0.07
Dec 2022	8743.42 (1057.99)	6749.57- 10676.4	0.12	12929.0713013.3 5 (1165.51)	10671.18- 15077.311001 6.32-16073.71	0.09	17734.4617893. 89 (1357.67)	14987.32- 20231.471436 3.27-21444.37	0.08
Jan 2023	3960.58 (366.55)	3201.29- 4638.4	0.09	5598.455622.35 (507.71)	46094286.28 -7082.64- 6657.62	0.09	7901.037971.36 (627.81)	6602.78- 9077.816224. 63-9744.45	0.08
Feb 2023	11649.34 (1272.17)	9215.82- 14086.49	0.11	16425.2416431.4 3 (1457.39)	13622.62- 19197.841268 4.84- 20109.03	0.09	22153.6422229.7 (1646.79)	18853.56- 25521.871801 7.72- 26820.29	0.07

Table 74. DBS - East & West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	11402.27 (1222.45)	9035.07- 13867.11	0.11	14763.82 20291.99 13669.22 21134.97 17481.54 17421.06 (1415.58)	14763.82 20291.99 13669.22 21134.97	0.08	26095.85 26074.73 (2080.83)	24896.44 30467.67 20410.34 31720.73	0.08
Apr 2021	11774.09 (1288.29)	9228.5- 14179.73	0.11	14053.91 21523.12 705.8 5-22668.49 17525.76 17529.2 (1875.69)	14053.91 21523.12 705.8 5-22668.49	0.11	25864.46 25819.51 (3598.45)	19749.22 33585.02 17944-36072.77	0.14
May 2021	893.89 (130.19)	686.34- 1166.03	0.15	1498.64 1207.98 (144.6)	925.86 1511.88 8854.15 -1603.59	0.12	2042.18 2011.09 (241.62)	1559.11 2505.23 1438.5 -2663.54	0.12
Jun 2021	1026.47 (129.14)	773.87- 1268.64	0.13	1763.34 1750.3 (161.03)	1461.1 2065.28 1349.96 -2152.29	0.09	2309.94 2318.7 (304.48)	1726.35 2893.77 1630.86 -3061.07	0.13
Jul 2021	7119.48 (576.58)	6062.92- 8256.43	0.08	10587.65 10594.32 (676.42)	9271.41 11950.65 8804.16 -12453.64	0.06	15410.71 15421.86 (933.83)	13599.44 17187.39 12849.65 -17981.83	0.06
Aug 2021	3176.45 (377.01)	2491.56- 3959.37	0.12	4808.84 4807.72 (490.39)	3876.22 5799.76 3502.95 -6177.16	0.10	8073.98 8100.52 (867.29)	6476.72 9864.88 5852.32 -10582.18	0.11
Sep 2021	1933.26 (230.92)	1464.7- 2395.54	0.12	3572.43 33582.07 (337.63)	2951.74 4234.85 2691.32 -4497.57	0.09	6462.47 6464.79 (582.94)	5353.1 7653.65 4965.81 -8137.8	0.09
Oct 2021	1930.2 (211.48)	1552.96- 2383.62	0.11	3306.62 3302.68 (322.3)	2659.29 3936.89 2444.61 -4178.17	0.10	4969.26 4971.96 (713.08)	3762.44 6477.79 3434.58 -6873.38	0.14
Nov 2021	14353.66 (1218.76)	12316.91- 17048.76	0.08	21733.35 21115.84 (1288.47)	19194.71 24219.11 1764.7.74 -24501.34	0.06	30305.62 29574.75 (1440.66)	27607.89 33144.36 25935.63 -33309.53	0.05
Dec 2021	2890.77 (427.7)	2092.74- 3762.22	0.15	4894.77 4869.84 (769.07)	3379.13 6336.49 2848.77 -6935.47	0.16	6988.04 6879.63 (820.89)	5418.26 8583.14 44776.54 -9181.88	0.12
Jan 2022	2487 (386.58)	1759.45- 3210.23	0.16	4816.13 4836.46 (907.63)	3078.35 6529.09 2799.86 -6872.42	0.19	6521.72 6528.84 (870.36)	4890.69 8224.08 4455.88 -8749.42	0.13
Feb 2022	6044.81 (625.03)	4812.4- 7196.26	0.10	8629.97 8624.85 (866.26)	6946.65 10289.58 6357.36 -10892.86	0.10	12000.53 11973.51 (852.85)	10369.39 13794.79 99626.67 -14331.65	0.07
Mar 2022	7807.73 (1602.32)	4842.1- 10829.43	0.21	11011.64 10886.5 (1779.7)	7827.15 14714.45 6935.7 -15188.16	0.16	18275.56 18330.31 (2769.94)	13087.22 23889.99 10907.09 -26657.9	0.15
Apr 2022	4943.15 (544.16)	3861.14- 5973.42	0.11	7115.53 7139.48 (839.41)	5417.33 8723.04 5002.28 -9197.48	0.12	9919.28 9943.41 (1118.53)	7687.44 12021.87 279.74 -12723.02	0.11
May 2022	9311.89 (795.72)	7781.72- 10879.09	0.09	13416.15 13460.87 (861.91)	11668.87 15082.47 11163.13 -15747.21	0.06	19390.29 19416.34 (984.6)	17555.14 21364.81 16931.34 -21981.68	0.05
Jun 2022	1708.37 (455.21)	856.32- 2568.97	0.27	2274.24 2280.89 (523.47)	1330.43 3286.28 1256.07 -3395.97	0.23	2977.27 2997.99 (598.58)	1860.79 4127.86 1738.34 -4370.7	0.20

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jul 2022	7813.59 (1153.05)	5715.55- 10135.27	0.15	11428.61 1420.37 (1569.03)	8295.23- 14288.72 7353 .86-15264.93	0.14	15319.99 15306.8 8 (1799.85)	11982.85- 18883.08 108 58.02- 20463.8	0.12
Aug 2022	27543.29 (5254.52)	17310.56- 38315.18	0.19	35463.22 35545. 12 (5903.61)	24320.26- 47113.96 2043 7.33-52115.64	0.17	47918.02 48037. 45 (8731.98)	31021.69- 63675.42 641 5.54-71307.71	0.18
Sep 2022	1873.21 (224.49)	1312.09- 2233.35	0.12	2868.51 2883.2 (317.97)	2249.14- 3517.72 125.79 -3745.39	0.11	4184.74 161.63 (388.5)	3457.2- 4956.34 158. 44-5164.16	0.09
Oct 2022	4767.77 (578.74)	3601.08- 5817.92	0.12	7158.44 7210.62 (664.73)	5823.21- 8505.55 386. 56-9128.12	0.09	9844.28 909.17 (662.18)	8532.72- 11094.55 807 0.2-11816.85	0.07
Nov 2022	11319.47 (1170.81)	9115.4- 13765.14	0.10	15946.29 15830. 01 (1300.65)	13455.07- 18377.39 1240 6.02- 19278.46	0.08	20329.05 20211.0 2 (1336.15)	17817.3- 23051.44 1677 3.16-23863.7	0.07
Dec 2022	11462.82 (1387.03)	8848.72- 13996.81	0.12	16951.07 17055.8 9 (1528.08)	13990.8- 19767.61 13127. 77-21066.94	0.09	23248.67 23459. 37 (1779.82)	19647.36- 26522.08 188 30.65- 28114.12	0.08
Jan 2023	5189.47 (480.47)	4196.2- 6079.94	0.09	7342.23 7368.39 (665.85)	6045.43- 8731.35 617.4 4-9282.23	0.09	10356.53 10447. 23 (822.92)	8654.81- 11899.04 8157 .93-12771.01	0.08
Feb 2023	15270.41 (1667.67)	12080.92- 18465.82	0.11	21532.53 21543.2 3 (1910.56)	17858.45- 25167.21 6630 .95-26365.04	0.09	29042.73 29145. 62 (2158.89)	24716.42- 33458.37 236 23.32- 35164.33	0.07

Table 75. DBS - East & West. Abundance of Herring gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	25.18 (13.82)	0-59.34	0.55	34.1333.61 (16.72)	8.53-68.254- 67.22	0.495 0	42.5722 (19.12)	8.51-85.144- 93.07	0.45
Apr 2021	8.36 (8.28)	0-25.02	0.99	8.3841 (8.04)	0-25.4322	0.96	8.3945 (8)	0-25.4834	0.95
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (7.99)	0-25.25	0.94	8.435 (8.24)	0-25.2851	0.989 7	16.86 (11.96)	0-42.1559.1	0.71
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (8.3)	0-24.89	0.99	8.3443 (8.5)	0-25.245	1.0201	16.771 (12.02)	0-50.4133	0.72
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 76. DBS - East & West. Abundance of Kittiwake recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	6529.35 (1063.6)	4475.74- 8605.16	0.16	8105.15 8017.85 (1174.4)	5903.11 10478.47 5518 10667.76	0.1415	10123.32 10040.3 4 (1070.79)	8045.87 12184.16 7460 .29-12750.04	0.11
Apr 2021	2369.33 (537.43)	1451.2- 3545.31	0.23	3183.46 3184.47 (623.9)	2136.27 4557.58 1802. 74-5135.2	0.20	3818.41 3820.9 (643.84)	2769.39 5304.23 2487. 53-5755.25	0.17
May 2021	912.9 (156.18)	638.2-1259.6	0.17	1173.2874 (178.91)	852.11 1527.87 09.38 1672.09	0.15	1675.41 1674.82 (212.56)	1288.13 2138.47 1136.1 1-2314.76	0.13
Jun 2021	162.84 (89.25)	17.06-358.42	0.55	272.59 273.38 (105.45)	85.19 502.59 76.92- 529.55	0.39	375.04 376.83 (124.66)	153.43 656.32 128.6- 702.02	0.33
Jul 2021	100.99 (64.79)	0-244.25	0.64	118.68 119.17 (67.34)	8.48 271.26 51- 272.4	0.57	820.89 817.42 (603.08)	42.31 2208.78 8.51- 2333.5	0.7374
Aug 2021	167.27 (114.91)	0-425.31	0.69	242.11 243.36 (170.32)	0- 618.22 646.37	0.70	250.74 251.63 (170.41)	16.72 618.50- 662.62	0.68
Sep 2021	244.51 (74.23)	109.36-387.71	0.30	397.88 396.98 (109.55)	203.17 626.45 143.02 718.94	0.28	592.8923 (134.25)	355.73 889.33 253.6- 1007.71	0.23
Oct 2021	58.79 (25.78)	16.74-117.18	0.44	267 266.88 (138.59)	50.23 519.01 33.28- 525.46	0.52	335.19 333.87 (156.36)	92.18 653.84 50.43- 717.29	0.47
Nov 2021	106.96 (42.96)	36.6-201.28	0.40	118.56 117.08 (46.77)	8.47 262.36 48- 218.88	0.394 0	191.17 195.53 (84.65)	54.62 382.35 18.3- 466.99	0.444 3
Dec 2021	127.51 (57.69)	25.52-246.9	0.45	144.4642 (59.63)	42.49 263.43 25.47- 322.9	0.41	152.8461 (61.36)	50.95 288.69 33.82- 331.24	0.40
Jan 2022	469.75 (65.44)	352.37- 604.42	0.14	1119.8425 (225.5)	715.47 1582.93 596.5 9-1785.87	0.20	1410.11 1409.43 (230.27)	973.43 1872.84 6.64- 2081.37	0.16
Feb 2022	182.59 (44.73)	99.76-274.33	0.24	224.9136 (56.51)	124.95 341.53 99.71- 373.93	0.25	283.5429 (61.59)	174.92 408.84 133.4 4-466.41	0.22
Mar 2022	2998.97 (727.9)	1662- 4460.83	0.24	5796.49 5803.45 (1538.89)	3176.06 8998.46 2398 .77-10325.6	0.27	7433.13 7444.29 (1603.91)	4520.07 10812.76 4017 .81-12132.37	0.22
Apr 2022	1908.66 (302.56)	1354.2- 2532.85	0.16	2600.39 2601.46 (350.64)	1914.76 3344.55 1756. 52-3555.12	0.13	3641.25 3643.56 (474.89)	2753.96 4629.21 2429. 53-5042.16	0.13
May 2022	687.36 (188.58)	376.85- 1097.27	0.27	962.52 964.7 (203.23)	607.7 1376.44 498. 61-1524.58	0.21	1339.88 1340.77 (240.18)	918.53 1871.19 775.51 -2041.56	0.18
Jun 2022	345.32 (165.54)	41.91-704.02	0.48	453.17 454.67 (188.42)	125.88 839.29 2.69- 917.56	0.4241	528.36 530.89 (237.41)	142.36 1065.32 100.8 8-1137.76	0.45
Jul 2022	1159.13 (217.35)	760.02- 1603.55	0.19	1601.354 (291.37)	1061.95 2191.33 876.3 7-2410.71	0.18	2162.03 2158.57 (400.45)	1469.29 3023.67 1213.1 6-3391.19	0.19
Aug 2022	7712.1 (3165.3)	2069.91- 14621.31	0.41	10669.31 10699. 79 (3684.35)	4245.39 18000.87 257 7.83-21601.93	0.3534	11987.93 12027.6 5 (3715.18)	5698.69 20208.35 369 3.45- 23244.54	0.31

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Sep 2022	6459.03 (5214.86)	269.96- 18586.9	0.81	8230.62 8013.55 (5845.89)	662.42- 21206.72 596. 3-20693.36	0.7473	9395.99 9235.25 (6235.82)	669.9- 23378.63 444. 45-24838.3	0.666 8
Oct 2022	1038.07 (198.24)	689.93- 1498.1	0.19	1453.53 1457.19 (257.97)	966.22- 1999.66 825. 86-2180.91	0.18	1799.04 1803.33 (289.27)	1303.04- 2395.92 1079. 05-2620.21	0.16
Nov 2022	1031.41 (263.27)	573.56- 1588.46	0.26	1539.44 1518.65 (411.61)	819.9- 2418.36 85.49 -2574.43	0.27	1893.61 874.79 (437.8)	1184.33- 2870.04 990. 9-3063.12	0.23
Dec 2022	5035.51 (1104.74)	3014.05- 7198.46	0.22	6996.64 7071.63 (1194.78)	4935.34- 9426.78 4241. 69-10738.2	0.17	12438.46 12487. 47 (2044.21)	8854.43- 17114.24 733. 85-18562.73	0.16
Jan 2023	1113.89 (293.15)	564.24- 1734.22	0.26	1735.4477 (378.21)	1009.35- 2436.49 783. 09-2821.63	0.22	3190.48 3188.64 (629.39)	2021.19- 4459.99 1635. 25-5067.1	0.20
Feb 2023	2465.59 (845.48)	1077.12- 4317.23	0.34	2867.42 868.4 (863.56)	1320.71- 4815.35 994.6 3-5402.33	0.30	3356.86 3360.59 (861.95)	1878.84- 5036.55 1461. 03-5978.27	0.26

Table 77. DBS - East & West. Abundance of Large gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.4)	0-25.43	0.98	8.5366 (8.75)	0-25.699	1.0301	17.0327 (11.4)	0-42.5743.16	0.6766
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.4243 (8.68)	0-25.4749	1.03
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		8.4753 (8.32)	0-25.46	0.9897	8.4755 (8.34)	0-25.4166	0.98
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	9.86 (9.02)	0-27.45	0.92	9.4286 (8.81)	0-27.3629.59	0.9789	9.483 (9.04)	0-27.3129.5	0.9992
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.83 (11.92)	0-42.08	0.71	16.86 (11.41)	0-42.1450.57	0.68	33.7254 (21.43)	0-84.392.29	0.64
Sep 2022	8.48 (8.55)	0-26.15	1.01	8.7248 (8.43)	0-26.1625.45	0.9799	8.75 (8.63)	0-26.125.5	0.99102
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		8.3815 (8.59)	0-25.1424.44	1.0205	8.3915 (8.46)	0-25.1824.45	1.0404
Jan 2023	8.38 (8.63)	0-24.89	1.03	8.3443 (7.96)	0-25.0329	0.9594	8.3542 (8.43)	0-25.0625	1.0400
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 78. DBS - East & West. Abundance of Lesser black-backed gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (8.71)	0-25.43	1.04	8.534 (8.39)	0-25.621	0.981.00	8.544 (8.39)	0-25.5419	0.991.00
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		8.4641 (8.84)	0-25.645	1.0405
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		25.4828 (25.49)	0-75.5384	1.01	25.4633 (24.52)	0-75.4899	0.97
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 79. DBS - East & West. Abundance of Little auk recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	17.07 (16.68)	0-51.04	0.98	33-9934.03 (24.02)	0-84-9885.07	0.71	33-9634.11 (24.11)	0-84-9485.27	0.71
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	33.31 (15.94)	8.33-66.63	0.48	75-4474.74 (38.34)	16.76-167.580-182.75	0.51	117.508 (45.56)	33.57-209.8316.8-258.61	0.39
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 80. DBS - East & West. Abundance of Little gull recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		135.45 134.35 (130.4)	0-406.34 403.0 5	0.969 7	186.34 184.52 (139.48)	0-508.19 503.22	0.7576
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.71)	0-26.15	1.03	8.72 48 (9.12)	0-34.88 33.94	1.0507	8.75 (8.54)	0-26.12 5	0.981 01
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 81. DBS - East & West. Abundance of Manx shearwater recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 82. DBS - East & West. Abundance of Puffin recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	93.51 (24.96)	42.39-144.12	0.27	119. 4471 (22.57)	76.79-162.459.86-179.57	0.19	178. 869 (35.45)	110.68-246.9485.38-272.21	0.20
Apr 2021	192.08 (29.54)	133.46-250.24	0.15	242.95243.37 (30.23)	192.68-309.97167.94-327.14	0.12	327.29328.32 (42.37)	243.37-411.24218.96-437.68	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42. 3456 (24.52)	0-84.6385.13	0.58
Aug 2021	24.89 (12.43)	0-50.01	0.50	33. 3918 (17.77)	0-66.7937	0.5354	33. 4329 (14.43)	8.3632-58.5426	0.43
Sep 2021	25.53 (12.6)	0-50.57	0.49	42. 334 (18.96)	8.4776.194-84.79	0.45	59. 2954 (19.9)	16.94-93.478.55-110.57	0.3433
Oct 2021	326.1 (68.1)	200.88-460.36	0.21	485. 534 (75.78)	343.04-636.24292.93-694.62	0.16	678. 7755 (93.28)	502.58-854.96427.15-946.55	0.14
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.41)	0-16.72	0.77	8. 3634 (6.8)	0-25.0803	0.8482	8. 3733 (7.51)	0-25.4124.98	0.90
May 2022	175.91 (30.86)	117.24-234.49	0.18	202. 6446 (44.52)	118.2-287.0784.25-320.66	0.22	261. 2305 (48.23)	168.54-362.36126.22-404.24	0.18
Jun 2022	16.85 (11.55)	0-33.52	0.69	16. 7885 (11.94)	0-33.577	0.71	16. 7789 (12.15)	0-33.5577	0.72
Jul 2022	33.29 (16.62)	0-66.81	0.50	109. 5758 (49.55)	25.2829-202.283	0.45	185. 864 (82.38)	42.23-346.2616.6-422.38	0.44
Aug 2022	67.88 (25.34)	16.83-117.84	0.37	75. 8576.38 (23.98)	33.71-126.4425.51-135.6	0.3231	75. 8776.5 (24.76)	25.29-126.4635-135.79	0.3332
Sep 2022	17.43 (9.56)	0-34.86	0.55	17. 4446 (10.29)	0-43.5988	0.59	17. 441 (10.56)	0-34.843.74	0.61
Oct 2022	33.75 (12.09)	8.42-58.91	0.36	100.82101.13 (37.54)	33.61-168.0425.32-185.3	0.37	134. 5496 (43.59)	50.44-218.5833.81-252.93	0.32
Nov 2022	0 (0)	0-0		8. 3718 (7.19)	0-25.424.55	0.8688	25. 0324.55 (12.85)	0-50.0549.09	0.5452
Dec 2022	67.07 (24.06)	16.66-116.6	0.36	75. 4169 (25.89)	25.14-125.690-151.38	0.34	109. 4108.43 (32.81)	50.36-176.2524.45-208.71	0.30
Jan 2023	41.57 (14.14)	16.6-66.38	0.34	58. 467 (18.81)	25.03-8.43-108.91.78	0.32	66. 8295 (18.59)	33.41-108.5825-109.11	0.28

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Feb 2023	58.32 (21.36)	25.05-108.55	0.37	58.5443 (23.18)	16.72 408.6769 116.87	0.40	83.519 (30.24)	25.05 141.9616.6 158.08	0.36

Table 83. DBS - East & West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	93.51 (24.96)	42.39-144.12	0.27	119. 4471 (22.57)	76.79-162.459.86-179.57	0.19	178. 869 (35.45)	110.68-246.9485.38-272.21	0.20
Apr 2021	192.08 (29.54)	133.46-250.24	0.15	242.95243.37 (30.23)	192.68-309.97167.94-327.14	0.12	327.29328.32 (42.37)	243.37-411.24218.96-437.68	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		42. 3456 (24.52)	0-84.6385.13	0.58
Aug 2021	24.89 (12.43)	0-50.01	0.50	33. 3918 (17.77)	0-66.7937	0. 5354	33. 4329 (14.43)	8.3632-58.5426	0.43
Sep 2021	25.53 (12.6)	0-50.57	0.49	42. 334 (18.96)	8.4776494-84.79	0.45	59. 2954 (19.9)	16.94-93.478.55-110.57	0. 3433
Oct 2021	351.14 (73.34)	216.33-495.77	0.21	535.76543.81 (83.62)	378.49-702.03328.0-9-778.26	0. 4615	754.19762.05 (103.64)	558.43-949.95480.1-4-1063.35	0.14
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.41)	0-16.72	0.77	8. 3634 (6.8)	0-25.0803	0. 8482	8. 3733 (7.51)	0-25.4124.98	0.90
May 2022	175.91 (30.86)	117.24-234.49	0.18	202. 6446 (44.52)	118.2-287.0784.25-320.66	0.22	261. 2305 (48.23)	168.54-362.36126.22-404.24	0.18
Jun 2022	16.85 (11.55)	0-33.52	0.69	16. 7885 (11.94)	0-33.577	0.71	16. 7789 (12.15)	0-33.5577	0.72
Jul 2022	33.29 (16.62)	0-66.81	0.50	109. 5758 (49.55)	25.2829-202.283	0.45	185. 864 (82.38)	42.23-346.2616.6-422.38	0.44
Aug 2022	67.88 (25.34)	16.83-117.84	0.37	75.8576.38 (23.98)	33.71-126.4425.51-135.6	0. 3231	75.8776.5 (24.76)	25.29-126.4635-135.79	0. 3332
Sep 2022	17.43 (9.56)	0-34.86	0.55	17. 4446 (10.29)	0-43.5988	0.59	17. 441 (10.56)	0-34.843.74	0.61
Oct 2022	33.75 (12.09)	8.42-58.91	0.36	100.82101.13 (37.54)	33.61-168.0425.32-185.3	0.37	134. 5496 (43.59)	50.44-248.5833.81-252.93	0.32
Nov 2022	0 (0)	0-0		8. 3718 (7.19)	0-25.424.55	0. 868 8	25.0324.55 (12.85)	0-50.0549.09	0. 5452
Dec 2022	67.07 (24.06)	16.66-116.6	0.36	75. 4469 (25.89)	25.14-125.690-151.38	0.34	109.4108.43 (32.81)	50.36-176.2524.45-208.71	0.30
Jan 2023	41.57 (14.14)	16.6-66.38	0.34	58. 467 (18.81)	25.03-8.43-108.91-78	0.32	66. 8295 (18.59)	33.41-108.5825-109.11	0.28

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Feb 2023	58.32 (21.36)	25.05-108.55	0.37	58.5443 (23.18)	16.72 408.6769 116.87	0.40	83.519 (30.24)	25.05 141.9616.6 158.08	0.36

Table 84. DBS - East & West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	110.46 (29.5)	50.09-170.32	0.27	136.5478 (25.8)	87.76-185.2668.39-205.17	0.19	204.34212.75 (40.51)	126.5-282.48101.85-323.91	0.2019
Apr 2021	225.48 (34.68)	156.67-293.76	0.15	284.84285.34 (35.45)	225.9-363.44197.5-382.72	0.12	377.64387.23 (48.88)	280.81-474.48257.63-516.82	0.13
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		50.7851.08 (29.43)	0- 101.55102.15	0.58
Aug 2021	24.89 (12.43)	0-50.01	0.50	41.7448 (22.21)	0-83.4982.96	0.5354	41.7961 (18.04)	10.4573.134-72.82	0.43
Sep 2021	25.53 (12.6)	0-50.57	0.49	50.7942.4 (22.75)	10.16-91.438.4-84.79	0.4554	67.7668.09 (22.74)	19.36-106.4810.26-124.3	0.3433
Oct 2021	409.67 (85.56)	252.39-578.4	0.21	627.84635.83 (98)	443.55-822.69383.61-909.95	0.1615	879.89887.68 (120.92)	65.5-1108.28559.2-7-1238.63	0.14
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.31 (6.41)	0-16.72	0.77	8.3634 (6.8)	0-25.0803	0.8182	8.3733 (7.51)	0-25.1124.98	0.90
May 2022	209.4 (35.26)	133.99-267.99	0.17	236.4423 (51.94)	137.9-334.9198.17-374.29	0.22	303.3712 (56)	195.72-420.8146.78-469.3	0.18
Jun 2022	16.85 (11.55)	0-33.52	0.69	16.7885 (11.94)	0-33.577	0.71	16.7789 (12.15)	0-33.5577	0.72
Jul 2022	41.61 (20.78)	0-83.52	0.50	126.4244 (57.17)	29.1718-233.442	0.45	219.58210.94 (97.36)	49.9-409.2219.15-477.94	0.4446
Aug 2022	76.39 (28.51)	18.94-132.57	0.37	84.2888 (26.65)	37.46-140.4628.7-149.42	0.3231	84.385.02 (27.51)	28.1140.5152-149.63	0.3332
Sep 2022	17.43 (9.56)	0-34.86	0.55	17.4446 (10.29)	0-43.5988	0.59	17.441 (10.56)	0-34.843.74	0.61
Oct 2022	33.75 (15.12)	10.52-73.64	0.45	117.63118.01 (43.8)	30.3921-196.04214	0.37	159.73151.87 (51.76)	59.9-259.5639.01-282.84	0.3234
Nov 2022	0 (0)	0-0		8.3718 (7.19)	0-25.124.55	0.8688	25.0324.55 (12.85)	0-50.0549.09	0.5152
Dec 2022	75.62 (27.07)	18.74-131.17	0.36	83.7992.46 (28.77)	27.93-139.650-184.92	0.3431	125.923 (37.86)	58.11-203.3727.51-241.29	0.30

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jan 2023	41.57 (16.97)	19.91-79.66	0.41	66.75 67.1 (21.5)	28.61-104.89 10.11-124.08	0.32	75.4736 (20.92)	37.58-122.45 26.68-124.3	0.28
Feb 2023	66.64 (24.41)	28.63-124.05	0.37	66.8778 (26.49)	19.44-124.19 47-133.55	0.40	100.29 1.48 (36.29)	30.06-170.35 18.67-173.63	0.364 0

Table 85. DBS - East & West. Abundance of Razorbill recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	1970.26 (338.74)	1406.85-2712.82	0.17	3037.33 007.02 (402.4)	2277.97-3882.16 2101.21-4090.34	0.13	4367.76 4333.85 (391.04)	3550.18-5117.21 3325.3-5376.53	0.09
Apr 2021	1453.85 (288.83)	934.24-2060.33	0.20	2086 2090.34 (288.44)	1566.18-2672.64 1435.59-2845.44	0.14	2794.57 2801.65 (457.12)	1955.15-3701.34 1659.48-4152.8	0.16
May 2021	327.3 (75.06)	193.14-478.65	0.23	455.8185 (94.75)	278.55-641.72 219.23-709.13	0.21	606.1805 (104.21)	404.12-808.24 336.47-900.66	0.17
Jun 2021	8.49 (7.72)	0-25.59	0.91	34.0702 (16.72)	8.52-68.15 0-85.07	0.49	93.7691 (38.21)	25.57-1708.47 0-204.96	0.41
Jul 2021	42.08 (20.91)	8.42-84.15	0.50	42.3842 (19.9)	8.48-84.77 0-101.86	0.47	42.3136 (19.68)	8.46-84.63 0-101.75	0.4746
Aug 2021	33.34 (14.92)	8.34-66.68	0.45	75.1441 (15.92)	50.09-108.53 42.01-125.51	0.21	192.2414 (59.31)	91.94-317.64 58.55-367.49	0.31
Sep 2021	176.09 (46.34)	92.71-278.14	0.26	245.5244.47 (52.24)	143.91-347.08 117.83-388.04	0.21	381.14379.24 (83.51)	220.22-559.04 185.18-598.46	0.22
Oct 2021	193.51 (61.99)	83.7-326.43	0.32	477.16476.97 (141.19)	217.65-728.51 151.3-802.63	0.30	662.04661.05 (215.6)	301.68-1139.87 210.45-1287.6	0.33
Nov 2021	1553.48 (230.52)	1235.12-2141.1	0.15	2207.082069.17 (192.45)	1814.91-2608.37 1634.53-2515.06	0.09	2867.642699.2 (263.49)	2385.12-3395.84 2150.88-3311.08	0.0910
Dec 2021	511.94 (157.51)	246.69-842.36	0.31	671.3388 (146.07)	390.69-968.76 365.52-1012.04	0.22	789.66791.87 (193.67)	416.06-1214.23 49.25-1294.17	0.2524
Jan 2022	520.85 (109.94)	319-747.13	0.21	968.28972.03 (239.73)	564.13-1473.89 464.46-1589.74	0.25	1359.741363.24 (275.48)	898.1-1955.68 791.06-2104.02	0.20
Feb 2022	433.33 (78.21)	282.65-590.44	0.18	558.12559.29 (92.83)	382.98-741.38 317.5-825.89	0.17	592.184 (92.63)	425.31-792.25 342.54-859.91	0.16
Mar 2022	555.39 (182.35)	217.17-944.08	0.33	2055.732052.9 (971.35)	640.31-4263.53 412.61-4735.33	0.47	2474.92471.19 (962.11)	976.28-4672.64 698.23-5141.35	0.39
Apr 2022	620.51 (174.7)	292.57-986.6	0.28	802.69803.59 (207.36)	451.51-1229.12 359.95-1364.39	0.26	1029.61031.79 (241.59)	552.26-1498.56 452.79-1661.39	0.23
May 2022	393.4 (81.49)	251.24-552.72	0.21	582.58581.96 (97.99)	388.38-776.77 337.55-851.78	0.17	851.12850.07 (115.2)	623.59-1078.64 547.19-1186.54	0.14
Jun 2022	75.82 (32.68)	25.14-150.86	0.43	117.499 (38.56)	50.35-193.02 42.13-202.3	0.33	192.89193.4 (54.14)	8358.87-301.92 344.69	0.28
Jul 2022	483.65 (148.51)	208.8-793.63	0.31	699.5455 (164.95)	404.34-1028.24 278.13-1154.68	0.24	979.6749 (193.5)	607.86-1359.74 481.55-1536.25	0.20
Aug 2022	7310.01 (2106.96)	3534.65-11489.2	0.29	9826.559783.33 (2438.49)	5298.41-14866.87 3929.78-16220.3	0.25	12443.1712392.52 (2777.64)	7695.63-18245.14 5689.79-20233.94	0.22

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Sep 2022	5200.81 (3942.87)	479.35- 14460.76	0.76	6530.44 6373.38 (3986.91)	4072.42- 15966.04 989. 16-15594.24	0.6163	7516.87371.59 (4488.73)	1635.16- 17776.48 144 8-17622.55	0.6061
Oct 2022	1726.88 (814.41)	563.89- 3518.22	0.47	2554.18 2546.36 (821.66)	4193.07- 4318.89 88.5 6-4572.67	0.32	3480.393468.37 (927.64)	1958.77- 5515.03 1742. 65-5914.24	0.27
Nov 2022	2574.12 (260.02)	2070.55- 3051.99	0.10	3480.41 3449.79 (273.9)	2961.69- 4016.06 2749. 58-4250.81	0.08	4462.884429.42 (366.59)	3695.43- 5230.33 3498. 82-5410.09	0.08
Dec 2022	4657.97 (723.91)	3289.1- 6046.43	0.16	6795.51 6930.04 (875.15)	5127.85- 8429.45 4905 .78-9058.78	0.13	9249.119417.47 (1207.78)	7016.57- 11582.37 6643 .83-12460.16	0.13
Jan 2023	4873.94 (749.89)	3551.2- 6555.37	0.15	6624.69 6597.74 (787.07)	5072.4- 8210.36 4599. 26-8821.49	0.12	9011.858984.67 (1008.07)	7065.62- 10900.45 637 6.48-11629.01	0.11
Feb 2023	4178.43 (550.74)	3223-5336.1	0.13	5943.18 5946.55 (649.66)	4755.38- 7289.17 4340. 61-7836.39	0.11	8742.888754.65 (885.7)	6989.08- 10546.57 6515 .73-11259.31	0.10

Table 86. DBS - East & West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3291.54 (560.22)	2326.72-4486.59	0.17	4982.544949.3 (660.11)	3736.9-6368.483460.54-6730.08	0.13	7083.777061.98 (634.21)	5757.8-82995421.26-8757.51	0.09
Apr 2021	2481.57 (493.01)	1594.65-3516.77	0.20	3568.823593.2 (493.48)	2679.48-4572.462472.77-4886.27	0.14	4749.934813.58 (776.97)	3323.17-6291.462877.07-7093.62	0.16
May 2021	385.89 (88.53)	227.8-564.56	0.23	557.4548.73 (115.8)	340.45-784.32262.56-854.92	0.21	740.8972 (127.37)	493.92-987.85411.3-1100.76	0.17
Jun 2021	8.49 (7.72)	0-25.59	0.91	34.0742.51 (16.72)	8.52-68.150-104.88	0.4939	102.2838 (41.68)	27.9-185.9710.59-221.91	0.41
Jul 2021	42.08 (20.91)	8.42-84.15	0.50	42.3842 (19.9)	8.48-84.770-101.86	0.47	42.3436 (19.68)	8.46-84.630-101.75	0.4746
Aug 2021	41.72 (18.64)	10.42-83.35	0.45	100.1862 (21.23)	66.79-144.7460.02-161.52	0.21	259.1250.69 (79.94)	123.92-428.0877.74-477.87	0.3132
Sep 2021	217.98 (57.38)	114.79-344.36	0.26	304.76295.12 (64.85)	178.65-430.86141.03-470.12	0.2422	474.31463.61 (103.92)	274.05-695.65225.59-731.97	0.22
Oct 2021	319.8 (102.41)	138.29-539.33	0.32	753.41761.58 (222.93)	343.66-1150.27244.47-1278.7	0.3029	1064.241054.83 (346.6)	484.97-1832.45348.39-2037.93	0.33
Nov 2021	2227.49 (330.57)	1771.24-3070.48	0.15	3246.783068.48 (283.11)	2669.87-3837.42426.84-3725.71	0.09	4214.933974.11 (387.29)	3505.75-4991.353170.48-4869.87	0.0910
Dec 2021	1075.11 (330.78)	518.05-1768.95	0.31	1504.121522.39 (327.26)	875.34-2170.5830.01-2290.54	0.2221	1791.591882.12 (439.4)	943.95-2754.81836.7-3063.65	0.2523
Jan 2022	1226.63 (258.9)	751.19-1759.37	0.21	2180.732189.69 (539.91)	1270.51-3319.451043.71-3587.3	0.25	2962.892979.41 (600.26)	1956.97-4261.441729.68-4603.71	0.20
Feb 2022	958.94 (171.46)	619.65-1294.43	0.18	1207.861228 (200.89)	828.83-1604.47705.02-1798.59	0.1716	1259.261286.59 (197.01)	904.54-1684.93751.63-1860.94	0.1615
Mar 2022	1445.08 (489.03)	582.42-2531.85	0.34	5333.45434.18 (2519.93)	1661.13-11060.731076.9-12581.82	0.4746	6422.966380.33 (2496.91)	2533.68-12126.621810.7-13244.53	0.39
Apr 2022	729.59 (207.75)	347.93-1173.25	0.28	953.2937.48 (246.25)	536.17-1459.58419.76-1592.25	0.26	1213.751216.2 (284.81)	651.03-1766.6534.84-1956.82	0.23
May 2022	410.15 (84.96)	261.93-576.24	0.21	607.94598.84 (102.26)	405.27-810.54347.4876.48	0.17	884.82883.66 (119.76)	648.29-1121.36568.59-1233.79	0.14
Jun 2022	75.82 (32.68)	25.14-150.86	0.43	117.499 (38.56)	50.35-193.0242.13-202.3	0.33	201.28193.4 (56.5)	58.8751-315.05-344.69	0.2829
Jul 2022	508.68 (158.75)	223.2-848.36	0.31	750.112 (176.88)	433.57-1102.57298.45-1237.42	0.24	1047.231055.54 (206.85)	649.78-1453.49519.58-1654.19	0.20
Aug 2022	7752.93 (2215.57)	3716.85-12081.42	0.29	10382.7710337.12 (2576.52)	5598.32-15708.394152.08-17138.75	0.25	13151.3213105.97 (2935.72)	8133.59-19283.48601.9.02-21395.92	0.22

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Sep 2022	6282.24 (4819.06)	585.88- 17674.26	0.77	8631.69 8399.35 (5269.74)	1417.49- 24103.28 1312. 54-20533.62	0.6463	9796.19 9606.7 (5849.9)	2431.04- 23467.03 1883 .89-22972.31	0.6061
Oct 2022	1852.82 (889.52)	615.9- 3842.72	0.48	2814.64 2764.57 (905.45)	1314.73- 4759.21 078.5 -4954.33	0.3233	3841.88 3770.73 (1023.99)	2162.22- 6087.84 1898 .25-6417.2	0.27
Nov 2022	2872.16 (290.12)	2310.23- 3405.27	0.10	3915.46 3881.62 (308.14)	3331.9- 4518.07 3092. 31-4784.91	0.08	5055.15 5018.1 (415.24)	4185.85- 5924.45 3961. 8-6131.36	0.08
Dec 2022	5412.31 (841.05)	3821.34- 7024.85	0.16	8027.25 8195.43 (1033.78)	6057.31- 9957.35 5801. 94-10710.86	0.13	11045.22 11154.43 (1442.32)	8379.13- 13831.58 7874 .78-14759.66	0.13
Jan 2023	5800.11 (897.33)	4249.4- 7844.23	0.15	8018.05 7969.54 (952.62)	6139.26- 9937.23 5550. 14-10662.01	0.12	10941.17 10851.4 1 (1223.88)	8578.27- 13234.17 695. 09-14061.94	0.11
Feb 2023	4963.66 (650.97)	3809.58- 6307.27	0.13	7063.27 7075.66 (772.1)	5651.61- 8662.51 65.15- 9323.94	0.11	10337.8 10335.5 3 (1047.27)	8264.07- 12470.54 769 6.18- 13285.68	0.10

Table 87. DBS - East & West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3981.81 (678.92)	2819.72-5437.24	0.17	6031.94 5988.06 (799.14)	4523.96-7709.79 4187.27-8142.12	0.13	8582.26 8548.73 (768.37)	6975.8-10054.8 7656.2.48-10601.37	0.09
Apr 2021	3007.95 (597.59)	1932.91-4262.75	0.20	4322 4348.8 (597.73)	3245.57-5538.47 2993.49-5913.08	0.14	5748.59 823.45 (940.32)	4021.86-7613.86 3481.15-8581.05	0.16
May 2021	461.4 (107.77)	277.33-687.29	0.23	675.27 666.92 (140.37)	412.67-950.69 318.81-1039.35	0.21	900.85 892.23 (154.87)	600.57-1201.13 495.42-1325.93	0.17
Jun 2021	8.49 (7.72)	0-25.59	0.91	42.59 51 (20.9)	10.65-85.19 0-124.69	0.49 41	127.85 119.43 (52.11)	34.87-232.46 12.71-258.45	0.41 44
Jul 2021	50.49 (25.1)	10.1-100.98	0.50	50.86 93 (23.88)	10.17-101.72 0-124.56	0.47	50.78 88 (23.62)	10.16-101.55 0-124.45	0.47 46
Aug 2021	50.09 (22.37)	12.5-100.02	0.45	125.23 117.43 (26.53)	83.49-180.89 72.02-185.53	0.24 23	317.61 300.84 (97.99)	151.9-524.75 93.58-573.13	0.31 33
Sep 2021	259.88 (68.41)	136.86-410.59	0.26	372.48 354.18 (79.26)	218.35-526.61 168.8-564.79	0.24 22	575.95 564.75 (126.19)	332.77-844.72 274.88-891.62	0.22
Oct 2021	387.16 (123.97)	167.4-652.87	0.32	912.46 920.57 (269.99)	416.21-1393.12 94.9-1546.24	0.30 29	1290.51 280.87 (420.28)	588.08-2222.03 423.05-2474.63	0.33
Nov 2021	2697.48 (400.24)	2144.49-3717.52	0.15	3930.79 3717.75 (342.75)	3232.34-4645.48 2941.23-4512.82	0.09	5107.07 4813.22 (469.26)	4247.79-6047.83 3840.4-5897.43	0.09 10
Dec 2021	1305.47 (401.66)	629.06-2148.01	0.31	1818.54 1845.57 (395.68)	1058.32-2624.23 1005.59-2777.69	0.22 21	2173.68 2282.39 (533.11)	1145.27-3342.32 1014.66-3715.15	0.25 23
Jan 2022	1487.07 (313.87)	910.69-2132.94	0.21	2643.82 2646.26 (654.56)	1540.31-4024.36 1261.14-4335.74	0.25	3584.01 3610.63 (726.1)	2367.21-5154.78 2096.12-5578.96	0.20
Feb 2022	1159.06 (207.56)	750.1-1566.94	0.18	1466.11 1486.98 (243.84)	1006.03-1947.58 53.85-2177.65	0.17 16	1526.13 1553.93 (238.76)	1096.23-2042.90 7.83-2247.63	0.16 15
Mar 2022	1755.91 (591.26)	704.17-3061.1	0.34	6462.07 6578.23 (3053.37)	2012.78-13402.18 1303.67-15230.44	0.47 46	7778.27 733.74 (3023.78)	3068.31-14685.45 2194.9-16053.61	0.39
Apr 2022	888.92 (252.6)	423.05-1426.57	0.28	1153.87 1138.37 (298.09)	649.05-1766.86 509.71-1933.45	0.26	1473.24 1467.83 (345.7)	790.22-2144.29 645.43-2361.79	0.23 24
May 2022	502.23 (102.29)	315.38-693.84	0.20	734.55 725.4 (123.56)	489.7-979.44 20.94-1061.67	0.17	1070.22 1068.8 (144.85)	784.12-1356.31 687.72-1492.3	0.14
Jun 2022	92.67 (39.94)	30.73-184.39	0.43	142.66 143.18 (46.82)	61.14-234.38 51.85-245.08	0.33	243.21 227.06 (68.27)	105.75-380.68 69.17-404.49	0.28 30
Jul 2022	617.11 (192.04)	269.99-1026.25	0.31	910.24 26 (214.64)	526.13-1337.95 362.11-1501.76	0.24	1266.84 1283.54 (250.22)	786.02-1758.25 631.84-2011.43	0.20 19

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Aug 2022	9385.58 (2683.78)	4502.33- 14634.58	0.29	12573.94 12510.2 3 (3120.26)	6779.79 19023.47 502 5.2-20741.26	0.25	15924.91 5868.1 8 (3554.86)	9848.95 23350.32 728 7.81- 25904.92	0.22
Sep 2022	7608.23 (5836.99)	709.63- 21407.6	0.77	10453.94 10169. 35 (6382.25)	1716.73 25558.41 1588 .19-24862.53	0.61 63	11866.79 11637.4 1 (7086.38)	2581.44 28063.82 284 .15-27824.13	0.60 61
Oct 2022	2246.84 (1075.33)	744.56- 4645.42	0.48	3411.18 3350.99 (1097.35)	1593.38 5767.87 1307. 13-6005.51	0.32 33	4648.92 4566.73 (1239.1)	2616.42 7366.69 2298 .79-7772.52	0.27
Nov 2022	3476.44 (351.15)	2796.24- 4121.65	0.10	4743.73 4702.88 (373.32)	4036.73 5473.82 3746. 23-5797.75	0.08	6122.91 6078.01 (502.95)	5069.99 7175.82 4798. 65-7426.33	0.08
Dec 2022	6547.43 (1018.73)	4628.66- 8508.97	0.16	9719.85 9921.6 (1251.76)	7334.53 1205670 23.9 2-12967.09	0.13	13378.48 13503.2 4 (1747)	10149.19 16753.45 953 2.94- 17867.62	0.13
Jan 2023	7031.21 (1086.71)	5146.23- 9499.74	0.15	9711.77 9648.19 (1153.84)	7436.11 12036.35 6719 .41-12907.5	0.12	13246.33 13141.6 (1481.74)	10385.6 16022.35 9319 .19-17029.59	0.11
Feb 2023	6008.22 (788.66)	4615.33- 7641.3	0.13	8551.16 8572.75 (934.74)	6842.13 10487.79 625 7.9-11296.85	0.11	12517.26 12518.0 5 (1268.06)	10006.34 15099.62 9321 .47-16090.97	0.10

Table 88. DBS - East & West. Abundance of Red-throated diver recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		8.4241 (8.72)	0-25.2623	1.04
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 89. DBS - East & West. Abundance of Skua species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 90. DBS - East & West. Abundance of Small gull species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	50.25 (49.86)	0-150.04	0.99	50. 0942 (50.3)	0- 150.28151.25	1.00	50. 1537 (50.54)	0- 150.45151.11	1. 0100
Sep 2021	8.35 (8.78)	0-25.29	1.05	16.93 (11.87)	0- 42.3350.79	0.70	33.8834.05 (21.43)	0- 76.2393.58	0.63
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	8.48 (8.63)	0-25.52	1.02	8. 549 (8.61)	0-25. 4947	1.01	8. 4945 (8.64)	0-25. 6957	1.02
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	109.8 (45.78)	33.2-200.68	0.42	117.95118.47 (47.62)	41.92-219.0542.1-220.02	0.40	126. 2795 (49.11)	33.67-235.7185-236.96	0.39
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	50.5 (29.65)	0-117.84	0.59	67.42 (30.85)	16.86-134.848.5-159.9	0.46	75. 8778 (32.27)	8.52-168.2529-143.32	0.43
Sep 2022	0 (0)	0-0		8. 7248 (8.82)	0- 26.1625.45	1. 0104	8. 75 (8.47)	0- 26.125.5	0.971.00
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	41.25 (18.39)	16.42-83.15	0.45	41. 8329 (18.97)	8.3783.6618-91.13	0. 4546	41. 7123 (17.79)	8.3475.0818-90.97	0.43
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	16.75 (11.45)	0-41.75	0.68	16. 7275 (11.81)	0-41. 7987	0.71	25. 051 (14.45)	0- 58.4566.91	0.58

Table 91. DBS - East & West. Abundance of Tern species recorded on the sea, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	33.3 (26.17)33.3 (26.46)	0-99.910-101	0.790- 79	33.41 (26.2)33.71 (26.43)	0-91.870-92.7	0.780- 78	75.07 (47.8)75.87 (48.31)	0-175.150- 177.04	0.640- 64
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	



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Ornithology Technical Appendix 12-7c Seabird abundances by survey: birds in flight

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1 INTRODUCTION

This appendix provides tables of seabird abundance in each survey for each species-specific during baseline surveys for the DBS East and West Offshore Wind Farm projects (March 2021 – February 2023).

Abundances were estimated using design-based methods and are summarised as central estimate (i.e. extrapolated from the number seen in the surveyed area to the whole area) and 95% confidence range, derived from 1,000 nonparametric bootstrap samples.

Appendix (a) provides the combined abundance in each survey for each species on the sea and in flight.

Appendix (b) provides the abundance in each survey for each species on the sea.

This appendix (c) provides the abundance in each survey for each species in flight.

Table 1. DBS - East. Abundance of Arctic skua recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		8.4 (8.08)	0-25.19	0.96
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (8.5)	0-24.91	1.02	8.31 (8.26)	0-24.93	0.99	8.31 (8.14)	0-24.92	0.98
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 2. DBS - East. Abundance of Arctic tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (14.11)	0-50.49	0.84	16.88 (11.07)	0-33.76	0.66	16.83 (10.25)	0-33.65	0.61
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	41.67 (23.53)	0-91.67	0.56	75.18 (30.12)	16.71-133.65	0.40	100.39 (29.61)	41.83-158.95	0.29
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (7.43)	0-25.14	0.89	8.43 (5.79)	0-16.85	0.69	8.49 (6.55)	0-16.98	0.77
Aug 2022	74.93 (29.04)	24.98-133.22	0.39	108.57 (30.23)	50.11-167.03	0.28	166.81 (40.25)	91.75-250.22	0.24
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 3. DBS - East. Abundance of Black-backed gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 4. DBS - East. Abundance of Commic tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (15.99)	0-50.49	0.95	25.32 (15.1)	0-59.09	0.60	25.24 (12.3)	0-50.48	0.49
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	66.67 (42.03)	0-158.34	0.63	100.24 (46.19)	16.71-192.33	0.46	108.76 (39.17)	41.83-184.05	0.36
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (7.9)	0-25.14	0.94	8.43 (7.3)	0-25.28	0.87	8.49 (6)	0-16.98	0.71
Aug 2022	158.19 (77.51)	24.98-324.71	0.49	175.39 (82.26)	41.76-350.77	0.47	291.92 (76.62)	133.45-450.39	0.26
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 5. DBS - East. Abundance of Common gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	8.38 (8.38)	0-25.13	1.00	8.4 (8.25)	0-25.21	0.98	8.4 (8.21)	0-25.19	0.98
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	16.88 (16.88)	0-50.65	1.00	25.41 (18.63)	0-67.76	0.73	25.39 (17.23)	0-59.25	0.68
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.65 (11.18)	0-41.63	0.67	16.7 (12.66)	0-41.76	0.76	25.02 (14.04)	0-58.38	0.56
Sep 2022	0 (0)	0-0		0 (0)	0-0		8.91 (8.52)	0-26.74	0.96
Oct 2022	0 (0)	0-0		8.36 (8.43)	0-25.09	1.01	8.36 (8.54)	0-25.08	1.02
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (8.02)	0-25.14	0.96	16.86 (11.84)	0-42.15	0.70	16.83 (11.54)	0-42.08	0.69
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 6. DBS - East. Abundance of Common scoter recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 7. DBS - East. Abundance of Common tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.49)	0-24.98	1.02	16.7 (11.58)	0-41.76	0.69	16.68 (11.58)	0-41.7	0.69
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 8. DBS - East. Abundance of Fulmar recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	8.32 (5.88)	0-16.64	0.71	8.35 (7.96)	0-25.05	0.95	16.68 (11.15)	0-41.69	0.67
May 2021	16.92 (10.1)	0-33.85	0.60	25.29 (14.3)	0-59.01	0.57	33.71 (16.06)	8.43-67.42	0.48
Jun 2021	16.97 (9.7)	0-33.95	0.57	16.98 (11.74)	0-42.45	0.69	16.95 (12.05)	0-42.37	0.71
Jul 2021	0 (0)	0-0		8.44 (8.46)	0-25.32	1.00	8.41 (8.46)	0-25.24	1.01
Aug 2021	33.5 (13.86)	8.38-58.63	0.41	50.42 (20.05)	16.81-92.43	0.40	83.95 (25.34)	33.58-134.32	0.30
Sep 2021	16.69 (8.94)	0-33.38	0.54	41.98 (17.68)	8.4-75.57	0.42	75.48 (26.64)	33.34-134.19	0.35
Oct 2021	16.61 (8.73)	0-33.21	0.53	16.62 (12.06)	0-41.55	0.73	16.61 (11.36)	0-41.53	0.68
Nov 2021	75.98 (24.9)	33.77-126.64	0.33	127.04 (35.98)	59.29-203.27	0.28	152.36 (36.6)	84.65-228.55	0.24
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	41.91 (18.24)	8.38-75.43	0.44	66.85 (27.84)	16.71-125.34	0.42	66.83 (28.56)	16.71-125.51	0.43
Feb 2022	33.55 (13.47)	8.39-58.72	0.40	41.98 (17.5)	8.4-75.57	0.42	58.7 (21.37)	16.77-100.63	0.36
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.33 (7.03)	0-25	0.84	16.71 (12.27)	0-50.12	0.73	25.1 (14.14)	0-50.2	0.56
Jun 2022	0 (0)	0-0		8.36 (7.98)	0-25.07	0.95	8.33 (7.8)	0-24.99	0.94
Jul 2022	0 (0)	0-0		16.85 (16.52)	0-50.56	0.98	16.98 (16.88)	0-50.93	0.99
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.95 (5.15)	0-17.9	0.58	26.92 (14.59)	0-53.83	0.54	35.66 (17.13)	8.91-71.32	0.48
Oct 2022	50.23 (13.93)	25.12-75.35	0.28	150.53 (86.93)	25.09-351.24	0.58	192.29 (87.95)	58.52-384.8	0.46
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.18 (7.96)	0-24.55	0.97
Dec 2022	32.42 (15.8)	7.9-64.85	0.49	48.88 (22.46)	8.15-97.77	0.46	65.2 (25.96)	16.3-114.11	0.40
Jan 2023	67.05 (35.13)	8.38-134.1	0.52	92.72 (43.66)	25.29-185.44	0.47	92.57 (44.05)	25.25-193.55	0.48
Feb 2023	41.62 (20.27)	8.32-83.24	0.49	50.06 (21.47)	16.69-91.77	0.43	66.38 (24.08)	24.89-124.47	0.36

Table 9. DBS - East. Abundance of Gannet recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	117.51 (29.85)	58.75-176.26	0.25	201.67 (38.4)	126.05-277.3	0.19	268.68 (39.9)	193.12-344.46	0.15
Apr 2021	158.1 (30.11)	99.85-216.35	0.19	208.73 (33.31)	141.93-267.38	0.16	266.8 (38.12)	191.76-341.84	0.14
May 2021	84.62 (22.27)	42.31-135.4	0.26	126.46 (28.62)	75.87-185.47	0.23	143.27 (31.84)	84.28-210.7	0.22
Jun 2021	0 (0)	0-0		8.49 (7.22)	0-25.47	0.85	8.47 (7.27)	0-25.42	0.86
Jul 2021	16.83 (9.92)	0-33.66	0.59	16.88 (9.52)	0-33.76	0.56	25.24 (11.73)	8.41-50.48	0.46
Aug 2021	33.5 (14.39)	8.38-67	0.43	33.61 (14.4)	8.4-58.82	0.43	50.37 (20.7)	16.79-92.35	0.41
Sep 2021	166.92 (28.5)	116.63-225.34	0.17	193.13 (31.1)	134.35-260.3	0.16	243.22 (34.69)	176.13-310.32	0.14
Oct 2021	257.4 (41.28)	174.37-340.43	0.16	332.36 (49.13)	240.96-432.07	0.15	448.55 (50.35)	356.97-548.22	0.11
Nov 2021	84.42 (22.63)	42.21-126.85	0.27	135.51 (27.62)	84.7-186.33	0.20	169.29 (32.05)	110.04-237.01	0.19
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		8.39 (7.93)	0-25.16	0.95
Mar 2022	25.34 (10.57)	8.45-42.23	0.42	33.85 (14.65)	8.46-59.45	0.43	33.85 (15.39)	8.46-67.7	0.45
Apr 2022	257.71 (55.09)	157.95-374.1	0.21	442.18 (74.9)	300.35-592.36	0.17	741.12 (119.42)	524.4-982.6	0.16
May 2022	8.33 (6.44)	0-25	0.77	41.77 (17.22)	8.35-75.18	0.41	83.66 (35.91)	25.1-158.95	0.43
Jun 2022	8.34 (6.6)	0-25.01	0.79	16.72 (10.04)	0-33.43	0.60	33.32 (14.37)	8.33-66.64	0.43
Jul 2022	50.28 (15.4)	25.14-83.81	0.31	50.56 (17.59)	16.85-84.27	0.35	118.83 (35.82)	50.93-195.22	0.30
Aug 2022	66.61 (22.77)	24.98-108.45	0.34	75.17 (24.31)	33.2-125.28	0.32	83.41 (25.39)	33.36-133.45	0.30
Sep 2022	17.9 (10.17)	0-35.8	0.57	44.86 (17.07)	8.97-80.75	0.38	71.32 (22.98)	26.74-115.89	0.32
Oct 2022	117.21 (35.25)	50.23-192.56	0.30	217.44 (61.09)	108.72-351.24	0.28	309.34 (85.6)	167.21-493.28	0.28
Nov 2022	188.73 (54.98)	90.26-295.6	0.29	237.3 (60.37)	130.92-360.04	0.25	270.02 (65.15)	147.28-417.3	0.24
Dec 2022	24.32 (13.75)	0-48.64	0.57	32.59 (16.48)	0-65.18	0.51	65.2 (24.23)	24.45-114.11	0.37
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	24.97 (15.48)	0-58.27	0.62	33.37 (16.93)	8.34-66.74	0.51	41.49 (19.5)	8.3-82.98	0.47

Table 10. DBS - East. Abundance of Great black-backed gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.34 (8.02)	0-25.01	0.96
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	8.44 (7.85)	0-25.33	0.93	8.47 (8.49)	0-33.88	1.00	25.39 (13.84)	0-50.79	0.55
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	16.76 (11.75)	0-41.91	0.70	25.07 (14.55)	0-58.49	0.58	33.41 (17.44)	8.35-75.18	0.52
Feb 2022	8.39 (8.14)	0-25.16	0.97	8.4 (8.56)	0-25.19	1.02	16.77 (11.31)	0-41.93	0.67
Mar 2022	0 (0)	0-0		25.39 (18.64)	0-67.7	0.73	33.85 (20.56)	0-76.17	0.61
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.65 (11.51)	0-41.63	0.69	16.7 (11.47)	0-41.76	0.69	16.68 (11.8)	0-41.7	0.71
Sep 2022	0 (0)	0-0		8.97 (8.88)	0-26.92	0.99	8.91 (8.64)	0-26.74	0.97
Oct 2022	0 (0)	0-0		8.36 (8.33)	0-25.09	1.00	8.36 (8.42)	0-25.08	1.01
Nov 2022	0 (0)	0-0		0 (0)	0-0		24.55 (18.21)	0-65.46	0.74
Dec 2022	0 (0)	0-0		8.15 (8.42)	0-24.44	1.03	32.6 (19.26)	0-73.36	0.59
Jan 2023	25.14 (24.39)	0-75.43	0.97	33.72 (25.73)	0-92.72	0.76	42.08 (26.63)	0-100.98	0.63
Feb 2023	8.32 (8.17)	0-24.97	0.98	8.34 (8.14)	0-25.03	0.98	8.3 (8.51)	0-24.89	1.03

Table 11. DBS - East. Abundance of Great skua recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		8.4 (8.45)	0-25.21	1.01	8.4 (8.13)	0-25.19	0.97
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	8.21 (8.17)	0-24.62	1	8.18 (8.45)	0-24.55	1.03	8.18 (8.46)	0-24.55	1.03
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 12. DBS - East. Abundance of Guillemot recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	436.45 (100.32)	235.01-629.49	0.23	537.79 (114.12)	319.32-764.68	0.21	680.11 (131.16)	419.82-923.6	0.19
Apr 2021	74.89 (18.28)	41.61-108.17	0.24	100.19 (21.81)	58.44-141.93	0.22	133.4 (32.32)	75.04-200.1	0.24
May 2021	16.92 (8.94)	0-33.85	0.53	33.72 (9.01)	16.86-50.58	0.27	33.71 (9.27)	16.86-50.57	0.28
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	33.66 (11.56)	8.41-58.9	0.34	33.76 (14.91)	8.44-67.53	0.44	33.65 (13.7)	8.41-58.89	0.41
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (6.77)	0-24.91	0.82	8.31 (7.31)	0-24.93	0.88	8.31 (6.92)	0-24.92	0.83
Nov 2021	67.54 (15.47)	42.21-101.31	0.23	118.57 (35.85)	50.82-194.8	0.30	118.51 (33.05)	59.25-186.22	0.28
Dec 2021	0 (0)	0-0		0 (0)	0-0		8.45 (5.05)	0-16.91	0.60
Jan 2022	50.29 (27.12)	8.17-100.57	0.54	50.14 (33.52)	0-125.34	0.67	58.47 (30.06)	8.35-125.3	0.51
Feb 2022	16.78 (9.35)	0-33.55	0.56	16.79 (10.55)	0-41.98	0.63	16.77 (10.12)	0-41.93	0.60
Mar 2022	92.91 (33.88)	25.34-160.48	0.36	110.01 (41.42)	33.85-194.64	0.38	118.48 (38.17)	50.57-194.65	0.32
Apr 2022	141.33 (46.94)	58.19-241.09	0.33	175.2 (56.7)	83.43-308.69	0.32	316.43 (75.62)	174.87-474.65	0.24
May 2022	0 (0)	0-0		0 (0)	0-0		8.37 (5.87)	0-16.73	0.70
Jun 2022	8.34 (6.42)	0-16.68	0.77	25.07 (13.7)	0-50.15	0.55	24.99 (13.19)	0-49.98	0.53
Jul 2022	50.28 (30.89)	0-117.33	0.61	50.56 (34.42)	0-126.41	0.68	127.32 (61.98)	16.98-246.15	0.49
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		8.97 (6.07)	0-17.94	0.68	8.91 (6.16)	0-17.83	0.69
Oct 2022	125.58 (54.28)	16.74-234.42	0.43	175.62 (66.95)	58.54-309.43	0.38	267.54 (78.78)	125.2-418.24	0.29
Nov 2022	57.44 (13.21)	32.82-82.05	0.23	106.38 (24.62)	57.28-155.47	0.23	188.19 (32.76)	122.73-253.65	0.17
Dec 2022	24.32 (10.79)	8.11-48.64	0.44	40.74 (16.98)	8.15-73.32	0.42	65.2 (19)	32.6-105.96	0.29
Jan 2023	83.81 (28.09)	33.52-142.48	0.34	151.72 (37.87)	84.29-227.58	0.25	218.8 (45.38)	134.64-311.36	0.21
Feb 2023	16.65 (8.32)	0-33.3	0.50	25.03 (11)	8.34-50.06	0.44	49.79 (12.89)	24.89-74.68	0.26

Table 13. DBS - East. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	595.92 (136.98)	320.88-859.5	0.23	697.45 (148)	414.11-991.69	0.21	873.23 (168.41)	539.03-1185.86	0.19
Apr 2021	91.53 (22.34)	50.85-132.21	0.24	116.89 (25.44)	68.18-165.59	0.22	183.43 (44.44)	103.18-275.14	0.24
May 2021	25.39 (13.41)	0-50.77	0.53	33.72 (9.01)	16.86-50.58	0.27	33.71 (9.27)	16.86-50.57	0.28
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	33.66 (11.56)	8.41-58.9	0.34	33.76 (14.91)	8.44-67.53	0.44	33.65 (13.7)	8.41-58.89	0.41
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (6.77)	0-24.91	0.82	8.31 (7.31)	0-24.93	0.88	16.61 (13.85)	0-49.84	0.83
Nov 2021	84.42 (19.34)	52.77-126.64	0.23	135.51 (40.97)	58.08-222.63	0.30	152.36 (42.49)	76.18-239.43	0.28
Dec 2021	0 (0)	0-0		0 (0)	0-0		25.36 (15.16)	0-50.73	0.60
Jan 2022	50.29 (27.12)	8.17-100.57	0.54	50.14 (33.52)	0-125.34	0.67	58.47 (30.06)	8.35-125.3	0.51
Feb 2022	16.78 (9.35)	0-33.55	0.56	16.79 (10.55)	0-41.98	0.63	16.77 (10.12)	0-41.93	0.60
Mar 2022	118.25 (43.12)	32.25-204.24	0.36	135.4 (50.98)	41.66-239.55	0.38	143.87 (46.35)	61.4-236.36	0.32
Apr 2022	157.95 (52.47)	65.04-269.45	0.33	200.23 (64.8)	95.35-352.79	0.32	341.41 (81.59)	188.68-512.12	0.24
May 2022	0 (0)	0-0		0 (0)	0-0		8.37 (5.87)	0-16.73	0.70
Jun 2022	8.34 (6.42)	0-16.68	0.77	25.07 (13.7)	0-50.15	0.55	24.99 (13.19)	0-49.98	0.53
Jul 2022	50.28 (30.89)	0-117.33	0.61	50.56 (34.42)	0-126.41	0.68	127.32 (61.98)	16.98-246.15	0.49
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		8.97 (6.07)	0-17.94	0.68	8.91 (6.16)	0-17.83	0.69
Oct 2022	142.33 (61.52)	18.98-265.68	0.43	183.98 (70.14)	61.33-324.16	0.38	284.26 (83.71)	133.02-444.38	0.29
Nov 2022	106.67 (24.53)	60.96-152.39	0.23	171.84 (39.77)	92.53-251.15	0.23	302.74 (52.7)	197.44-408.05	0.17
Dec 2022	24.32 (10.79)	8.11-48.64	0.44	40.74 (16.98)	8.15-73.32	0.42	81.51 (23.76)	40.75-132.45	0.29
Jan 2023	83.81 (28.09)	33.52-142.48	0.34	160.15 (39.98)	88.97-240.23	0.25	227.21 (47.12)	139.82-323.34	0.21
Feb 2023	16.65 (8.32)	0-33.3	0.50	25.03 (11)	8.34-50.06	0.44	49.79 (12.89)	24.89-74.68	0.26

Table 14. DBS - East. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	595.92 (136.98)	320.88-859.5	0.23	697.45 (148)	414.11-991.69	0.21	873.23 (168.41)	539.03-1185.86	0.19
Apr 2021	91.53 (22.34)	50.85-132.21	0.24	116.89 (25.44)	68.18-165.59	0.22	183.43 (44.44)	103.18-275.14	0.24
May 2021	25.39 (13.41)	0-50.77	0.53	33.72 (9.01)	16.86-50.58	0.27	33.71 (9.27)	16.86-50.57	0.28
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	33.66 (11.56)	8.41-58.9	0.34	33.76 (14.91)	8.44-67.53	0.44	33.65 (13.7)	8.41-58.89	0.41
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (6.77)	0-24.91	0.82	8.31 (7.31)	0-24.93	0.88	16.61 (13.85)	0-49.84	0.83
Nov 2021	84.42 (19.34)	52.77-126.64	0.23	135.51 (40.97)	58.08-222.63	0.30	152.36 (42.49)	76.18-239.43	0.28
Dec 2021	0 (0)	0-0		0 (0)	0-0		25.36 (15.16)	0-50.73	0.60
Jan 2022	50.29 (27.12)	8.17-100.57	0.54	50.14 (33.52)	0-125.34	0.67	58.47 (30.06)	8.35-125.3	0.51
Feb 2022	16.78 (9.35)	0-33.55	0.56	16.79 (10.55)	0-41.98	0.63	16.77 (10.12)	0-41.93	0.60
Mar 2022	118.25 (43.12)	32.25-204.24	0.36	135.4 (50.98)	41.66-239.55	0.38	143.87 (46.35)	61.4-236.36	0.32
Apr 2022	157.95 (52.47)	65.04-269.45	0.33	200.23 (64.8)	95.35-352.79	0.32	341.41 (81.59)	188.68-512.12	0.24
May 2022	0 (0)	0-0		0 (0)	0-0		8.37 (5.87)	0-16.73	0.70
Jun 2022	8.34 (6.42)	0-16.68	0.77	25.07 (13.7)	0-50.15	0.55	24.99 (13.19)	0-49.98	0.53
Jul 2022	50.28 (30.89)	0-117.33	0.61	50.56 (34.42)	0-126.41	0.68	127.32 (61.98)	16.98-246.15	0.49
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		8.97 (6.07)	0-17.94	0.68	8.91 (6.16)	0-17.83	0.69
Oct 2022	142.33 (61.52)	18.98-265.68	0.43	183.98 (70.14)	61.33-324.16	0.38	284.26 (83.71)	133.02-444.38	0.29
Nov 2022	106.67 (24.53)	60.96-152.39	0.23	171.84 (39.77)	92.53-251.15	0.23	302.74 (52.7)	197.44-408.05	0.17
Dec 2022	24.32 (10.79)	8.11-48.64	0.44	40.74 (16.98)	8.15-73.32	0.42	81.51 (23.76)	40.75-132.45	0.29
Jan 2023	83.81 (28.09)	33.52-142.48	0.34	160.15 (39.98)	88.97-240.23	0.25	227.21 (47.12)	139.82-323.34	0.21
Feb 2023	16.65 (8.32)	0-33.3	0.50	25.03 (11)	8.34-50.06	0.44	49.79 (12.89)	24.89-74.68	0.26

Table 15. DBS - East. Abundance of Herring gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.34 (8.26)	0-25.01	0.99
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	8.44 (8.48)	0-25.33	1.00	8.47 (8.59)	0-25.41	1.01	25.39 (18.04)	0-67.72	0.71
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		8.18 (8.09)	0-24.55	0.99	8.18 (7.86)	0-24.55	0.96
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (8.48)	0-25.14	1.01	8.43 (8.26)	0-25.29	0.98	8.42 (8.39)	0-25.25	1.00
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 16. DBS - East. Abundance of Kittiwake recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	2182.24 (300.14)	1611.29-2752.99	0.14	2899.05 (362.68)	2226.6-3630.32	0.13	3769.98 (427.64)	2955.32-4601.65	0.11
Apr 2021	316.2 (68.4)	199.5-457.87	0.22	484.25 (76.96)	342.31-642.88	0.16	641.99 (78.08)	508.59-800.4	0.12
May 2021	270.8 (62.83)	143.86-389.48	0.23	370.94 (72.2)	244.48-531.12	0.19	589.95 (71.23)	455.1-733.44	0.12
Jun 2021	50.92 (18.9)	16.97-93.35	0.37	59.43 (23.24)	16.98-101.88	0.39	449.1 (288.57)	67.58-1118.51	0.64
Jul 2021	50.49 (19.25)	16.83-92.56	0.38	59.09 (21.77)	16.88-101.29	0.37	109.36 (29.38)	50.48-168.25	0.27
Aug 2021	50.25 (31.8)	0-125.63	0.63	75.63 (40.13)	8.4-159.65	0.53	125.93 (51.59)	41.98-243.46	0.41
Sep 2021	216.99 (58.96)	116.84-342.18	0.27	361.06 (88.01)	201.52-537.4	0.24	511.61 (119.42)	310.32-771.61	0.23
Oct 2021	381.95 (90.82)	224.19-581.23	0.24	1080.18 (496.53)	373.91-2201.9	0.46	1694.51 (521.87)	830.64-2832.49	0.31
Nov 2021	481.22 (82.02)	329.25-658.51	0.17	677.57 (90.45)	491.24-855.43	0.13	905.72 (99.33)	702.57-1091.95	0.11
Dec 2021	42.38 (19.84)	8.48-84.77	0.47	50.93 (20.62)	16.77-93.38	0.40	67.63 (22.71)	25.36-109.91	0.34
Jan 2022	326.87 (72.7)	201.15-477.73	0.22	467.94 (88.04)	300.82-651.98	0.19	601.43 (87.95)	442.72-785.2	0.15
Feb 2022	260.03 (56.05)	159.38-377.47	0.22	361.04 (69.52)	235.09-495.59	0.19	519.94 (69.77)	393.94-662.5	0.13
Mar 2022	962.85 (254.97)	506.77-1478.7	0.26	1760.19 (349.26)	1099.91-2479.5	0.20	2835.12 (456.81)	2030.7-3757.8	0.16
Apr 2022	665.07 (120.71)	448.92-914.47	0.18	934.42 (134.28)	708.95-1226.43	0.14	1682.08 (192.83)	1299.03-2056.8	0.11
May 2022	216.68 (43.41)	133.34-308.35	0.20	350.83 (60.48)	242.24-476.13	0.17	518.69 (70.56)	384.84-652.76	0.14
Jun 2022	116.73 (29.77)	66.7-175.09	0.26	183.87 (36.23)	117.01-250.73	0.20	283.23 (53.97)	183.27-391.52	0.19
Jul 2022	159.24 (44.7)	83.81-251.42	0.28	286.53 (84.82)	143.26-463.5	0.30	398.93 (91.38)	229.17-585.88	0.23
Aug 2022	2048.19 (1307.01)	208.15-5054.08	0.64	2154.75 (1360.99)	309.01-5428.63	0.63	2360.4 (1359.46)	525.46-5388.05	0.58
Sep 2022	143.18 (41.43)	71.59-232.67	0.29	206.36 (45.67)	125.61-296.08	0.22	401.15 (79.52)	258.52-570.52	0.20
Oct 2022	142.33 (38.65)	66.98-217.68	0.27	878.1 (568.02)	183.98-2132.54	0.65	1287.53 (589.92)	501.43-2617.28	0.46
Nov 2022	1977.52 (317.94)	1403.14-2633.96	0.16	2937.59 (540.88)	2004.76-4091.56	0.18	3927.5 (656.96)	2732.48-5318.49	0.17
Dec 2022	972.74 (120.33)	745.77-1224.03	0.12	1776.08 (226.56)	1368.72-2257.16	0.13	2901.61 (407.99)	2135.25-3725.02	0.14
Jan 2023	561.53 (198.15)	234.46-1014.32	0.35	758.61 (213.71)	396.17-1239.07	0.28	1186.55 (279.74)	698.26-1792.87	0.24
Feb 2023	432.86 (100.83)	274.7-657.62	0.23	725.84 (117.73)	508.93-959.45	0.16	1028.91 (138.94)	779.78-1319.33	0.14

Table 17. DBS - East. Abundance of Large gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		8.15 (8.19)	0-24.45	1.01
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 18. DBS - East. Abundance of Lesser black-backed gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.46 (8.49)	0-25.39	1.00	8.43 (8.32)	0-25.29	0.99	8.43 (8.67)	0-25.28	1.03
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		8.44 (8.16)	0-25.32	0.97	8.41 (8.15)	0-25.24	0.97
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.31 (7.73)	0-24.92	0.93
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		8.43 (8.29)	0-25.28	0.98	8.49 (8.26)	0-25.46	0.97
Aug 2022	16.65 (15.76)	0-49.96	0.95	16.7 (16.16)	0-50.11	0.97	16.68 (16.58)	0-50.04	0.99
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 19. DBS - East. Abundance of Little auk recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 20. DBS - East. Abundance of Little gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		67.17 (50.01)	0-176.33	0.74	67.1 (51.75)	0-184.52	0.77
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 21. DBS - East. Abundance of Manx shearwater recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (8.15)	0-25.14	0.97	8.43 (8.38)	0-25.28	0.99	8.49 (8.81)	0-33.95	1.04
Aug 2022	8.33 (8.33)	0-24.98	1.00	8.35 (8.49)	0-25.06	1.02	8.34 (8.34)	0-25.02	1.00
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 22. DBS - East. Abundance of Puffin recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (8.15)	0-25.18	0.97	8.4 (8.55)	0-25.21	1.02	8.4 (8.2)	0-25.19	0.98
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 23. DBS - East. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (0)	0-0	0	8.4 (0)	0-0	0	8.4 (8.2)	0-25.19	0.98
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 24. DBS - East. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (0)	0-0	0	8.4 (0)	0-0	0	8.4 (8.2)	0-25.19	0.98
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 25. DBS - East. Abundance of Razorbill recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	67.15 (26.78)	8.39-125.9	0.40	134.45 (61.32)	33.61-268.9	0.46	159.53 (43.3)	75.57-243.71	0.27
Apr 2021	0 (0)	0-0		0 (0)	0-0		16.68 (5.99)	8.34-25.01	0.36
May 2021	0 (0)	0-0		33.72 (32.61)	0-101.17	0.97	33.71 (0)	33.71-33.71	0.00
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.31 (5.13)	0-16.61	0.62
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.38 (5.34)	0-16.76	0.64	8.36 (8.03)	0-25.07	0.96	33.41 (6.18)	25.06-41.77	0.18
Feb 2022	0 (0)	0-0		0 (0)	0-0		16.77 (5.2)	8.39-25.16	0.31
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	41.57 (13.78)	16.63-66.51	0.33	41.72 (24.65)	0-100.12	0.59	58.29 (24.07)	16.65-108.25	0.41
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		53.83 (49.62)	0-161.5	0.92	53.49 (24.14)	0-106.97	0.45
Oct 2022	318.14 (85.67)	133.96-485.59	0.27	903.19 (336.8)	300.86-1614.04	0.37	1245.73 (210.94)	819.34-1638.89	0.17
Nov 2022	16.41 (5.33)	8.21-24.62	0.33	16.37 (11.17)	0-40.91	0.68	49.09 (23.34)	8.18-98.19	0.48
Dec 2022	56.74 (23.1)	16.21-105.38	0.41	65.18 (29.71)	16.29-130.35	0.46	81.51 (28.55)	24.45-138.56	0.35
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	24.97 (21.81)	0-74.92	0.87	25.03 (23.57)	0-75.09	0.94	41.49 (24.78)	0-91.27	0.60

Table 26. DBS - East. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	92.33 (36.83)	11.54-173.11	0.40	176.46 (80.48)	44.12-352.93	0.46	209.91 (56.97)	99.43-320.67	0.27
Apr 2021	0 (0)	0-0		0 (0)	0-0		25.01 (8.98)	12.51-37.52	0.36
May 2021	0 (0)	0-0		33.72 (32.61)	0-101.17	0.97	33.71 (0)	33.71-33.71	0.00
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		16.61 (10.27)	0-33.23	0.62
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.38 (5.34)	0-16.76	0.64	8.36 (8.03)	0-25.07	0.96	33.41 (6.18)	25.06-41.77	0.18
Feb 2022	0 (0)	0-0		0 (0)	0-0		16.77 (5.2)	8.39-25.16	0.31
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	41.57 (13.78)	16.63-66.51	0.33	41.72 (24.65)	0-100.12	0.59	58.29 (24.07)	16.65-108.25	0.41
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		53.83 (49.62)	0-161.5	0.92	53.49 (24.14)	0-106.97	0.45
Oct 2022	351.63 (94.69)	148.06-536.7	0.27	961.73 (358.62)	320.36-1718.65	0.37	1304.25 (220.85)	857.83-1715.88	0.17
Nov 2022	32.82 (10.67)	16.41-49.23	0.33	24.55 (16.75)	0-61.37	0.68	81.82 (38.9)	13.64-163.65	0.48
Dec 2022	56.74 (23.1)	16.21-105.38	0.41	73.32 (33.42)	18.33-146.65	0.46	97.81 (34.25)	29.34-166.27	0.35
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	24.97 (21.81)	0-74.92	0.87	25.03 (23.57)	0-75.09	0.94	41.49 (24.78)	0-91.27	0.60

Table 27. DBS - East. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	92.33 (36.83)	11.54-173.11	0.40	176.46 (80.48)	44.12-352.93	0.46	209.91 (56.97)	99.43-320.67	0.27
Apr 2021	0 (0)	0-0		0 (0)	0-0		25.01 (8.98)	12.51-37.52	0.36
May 2021	0 (0)	0-0		33.72 (32.61)	0-101.17	0.97	33.71 (0)	33.71-33.71	0.00
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		16.61 (10.27)	0-33.23	0.62
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.38 (5.34)	0-16.76	0.64	8.36 (8.03)	0-25.07	0.96	33.41 (6.18)	25.06-41.77	0.18
Feb 2022	0 (0)	0-0		0 (0)	0-0		16.77 (5.2)	8.39-25.16	0.31
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	41.57 (13.78)	16.63-66.51	0.33	41.72 (24.65)	0-100.12	0.59	58.29 (24.07)	16.65-108.25	0.41
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		53.83 (49.62)	0-161.5	0.92	53.49 (24.14)	0-106.97	0.45
Oct 2022	351.63 (94.69)	148.06-536.7	0.27	961.73 (358.62)	320.36-1718.65	0.37	1304.25 (220.85)	857.83-1715.88	0.17
Nov 2022	32.82 (10.67)	16.41-49.23	0.33	24.55 (16.75)	0-61.37	0.68	81.82 (38.9)	13.64-163.65	0.48
Dec 2022	56.74 (23.1)	16.21-105.38	0.41	73.32 (33.42)	18.33-146.65	0.46	97.81 (34.25)	29.34-166.27	0.35
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	24.97 (21.81)	0-74.92	0.87	25.03 (23.57)	0-75.09	0.94	41.49 (24.78)	0-91.27	0.60

Table 28. DBS - East. Abundance of Small gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	8.35 (8.26)	0-25.04	0.99	8.4 (8.95)	0-25.4	1.07	8.39 (8.24)	0-25.16	0.98
Oct 2021	0 (0)	0-0		8.31 (8.36)	0-24.93	1.01	24.92 (14.21)	0-58.15	0.57
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	33.78 (17.06)	8.45-67.57	0.50	42.31 (18.85)	8.46-84.62	0.45	42.32 (19.23)	8.46-84.63	0.45
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.25)	0-24.98	0.99	8.35 (8.25)	0-25.06	0.99	16.68 (11.37)	0-41.7	0.68
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		16.37 (11.86)	0-40.91	0.72	16.36 (11.3)	0-40.91	0.69
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 29. DBS - East. Abundance of Tern species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.25)	0-24.98	0.99	8.35 (8.37)	0-25.26	1	8.34 (7.58)	0-25.02	0.91
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 30. DBSouth - West. Abundance of Arctic skua recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.22)	0-25.52	0.97	8.5 (8.34)	0-25.51	0.98	8.52 (8.69)	0-25.56	1.02
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 31. DBSouth - West. Abundance of Arctic tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		8.51 (6.93)	0-25.54	0.81
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	16.65 (16.15)	0-49.94	0.97	16.86 (13.11)	0-33.72	0.78	16.81 (12.97)	0-33.62	0.77
Aug 2022	42.54 (30.58)	0-110.6	0.72	68.03 (21.97)	25.51-110.54	0.32	119.28 (41.38)	42.6-204.49	0.35
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 32. DBSouth - West. Abundance of Black-backed gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	8.55 (8.38)	0-25.65	0.98	8.62 (8.26)	0-25.86	0.96	8.65 (8.56)	0-25.94	0.99
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 33. DBSouth - West. Abundance of Commic tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (11.24)	0-42.08	0.67	17.02 (9.47)	0-34.05	0.56	42.56 (18.72)	8.51-76.61	0.44
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.42 (7.89)	0-25.25	0.94	8.53 (6.55)	0-25.6	0.77	33.95 (24.97)	0-93.36	0.74
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	24.97 (15.65)	0-58.26	0.63	59 (22.83)	16.86-101.15	0.39	67.23 (23.18)	25.21-117.66	0.34
Aug 2022	51.05 (33.85)	0-127.62	0.66	85.03 (30.16)	25.51-144.56	0.35	187.45 (69.6)	59.64-323.77	0.37
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 34. DBSouth - West. Abundance of Common gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		9.86 (9.23)	0-29.59	0.94	9.83 (9.16)	0-29.5	0.93
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	85.08 (44.89)	17.02-187.17	0.53	93.54 (43.49)	25.51-195.58	0.46	119.28 (47.5)	34.08-221.53	0.40
Sep 2022	8.48 (7.95)	0-25.45	0.94	8.48 (7.97)	0-25.45	0.94	8.5 (8.06)	0-25.5	0.95
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 35. DBSouth - West. Abundance of Common tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.33 (8.13)	0-25	0.98	8.45 (8.26)	0-25.35	0.98	8.41 (8.03)	0-25.23	0.95
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.42 (8.85)	0-33.66	1.05	8.53 (8.66)	0-25.6	1.02	8.49 (8.64)	0-33.95	1.02
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 36. DBSouth - West. Abundance of Fulmar recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.52)	0-25.69	0.99	17.32 (8.38)	0-34.65	0.48	17.27 (12.14)	0-43.16	0.70
Apr 2021	33.45 (23.86)	0-83.62	0.71	42.03 (16.35)	8.41-75.65	0.39	50.68 (26.43)	8.45-109.8	0.52
May 2021	33.33 (19.24)	0-74.99	0.58	59.16 (15.62)	33.8-92.96	0.26	67.29 (25.67)	25.23-126.16	0.38
Jun 2021	8.57 (8.83)	0-25.71	1.03	25.64 (12.26)	0-51.28	0.48	60.01 (38.93)	0-145.75	0.65
Jul 2021	8.42 (8.39)	0-25.25	1.00	17.02 (8.04)	0-34.05	0.47	17.03 (11.92)	0-42.56	0.70
Aug 2021	24.89 (14.24)	0-58.07	0.57	41.48 (16.25)	8.3-74.67	0.39	49.93 (20.33)	16.64-91.55	0.41
Sep 2021	17.02 (11.24)	0-42.55	0.66	59.74 (15.59)	25.6-85.34	0.26	59.87 (21.67)	25.66-102.63	0.36
Oct 2021	16.87 (11.84)	0-42.18	0.70	16.87 (8.19)	0-33.73	0.49	16.91 (11.85)	0-42.27	0.70
Nov 2021	29.57 (16.81)	0-68.99	0.57	59.19 (21.02)	19.73-98.64	0.36	127.82 (39.76)	58.99-216.3	0.31
Dec 2021	0 (0)	0-0		17.01 (11.39)	0-34.03	0.67	17.05 (16.68)	0-51.16	0.98
Jan 2022	33.63 (20.41)	0-75.88	0.61	33.93 (14.43)	8.48-59.38	0.43	33.73 (20.17)	0-75.9	0.60
Feb 2022	8.24 (8.02)	0-24.71	0.97	24.8 (11.96)	0-49.6	0.48	41.47 (21.72)	8.29-91.24	0.52
Mar 2022	8.26 (8.48)	0-33.04	1.03	16.78 (8.21)	0-33.56	0.49	16.75 (12.2)	0-41.87	0.73
Apr 2022	33.62 (20.03)	0-75.65	0.60	33.52 (14.1)	8.38-58.66	0.42	67.31 (37.15)	8.41-151.45	0.55
May 2022	33.66 (16.13)	8.42-67.32	0.48	34.13 (11.22)	17.07-51.2	0.33	50.93 (20.56)	16.98-93.36	0.40
Jun 2022	0 (0)	0-0		0 (0)	0-0		8.44 (8.11)	0-25.33	0.96
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		17.04 (16.72)	0-51.12	0.98
Sep 2022	16.96 (11.25)	0-42.41	0.66	25.45 (7.84)	8.48-42.42	0.31	34 (16.37)	8.5-67.99	0.48
Oct 2022	25.38 (14.1)	0-59.22	0.56	84.41 (26.2)	33.76-135.05	0.31	109.88 (33.13)	50.72-177.5	0.30
Nov 2022	16.85 (11.47)	0-42.13	0.68	25.66 (10.01)	8.55-42.77	0.39	34.02 (16.4)	8.5-68.04	0.48
Dec 2022	17.1 (11.66)	0-42.75	0.68	25.86 (8.21)	8.62-43.1	0.32	34.58 (17.02)	8.65-69.16	0.49
Jan 2023	32.86 (16.25)	8.21-65.71	0.49	57.83 (10.91)	41.31-74.35	0.19	66.33 (23.61)	24.87-116.07	0.36
Feb 2023	75.38 (24.29)	33.5-125.63	0.32	100.49 (18.82)	67-133.99	0.19	142.85 (33.08)	84.03-210.07	0.23

Table 37. DBSouth - West. Abundance of Gannet recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	68.5 (26.17)	17.12-119.87	0.38	77.96 (23.7)	34.65-129.93	0.30	120.86 (28.4)	69.06-181.29	0.23
Apr 2021	150.51 (38.42)	75.26-225.77	0.26	235.36 (42.27)	159.71-319.41	0.18	295.62 (43.45)	219.61-380.09	0.15
May 2021	99.99 (19.74)	58.33-141.65	0.20	143.67 (29.2)	92.96-202.83	0.20	285.96 (57.99)	176.62-403.71	0.20
Jun 2021	0 (0)	0-0		34.19 (25.98)	0-68.37	0.76	60.01 (30.12)	8.57-120.03	0.50
Jul 2021	8.42 (6.31)	0-16.83	0.75	25.54 (14.02)	0-51.07	0.55	34.05 (16)	8.51-68.1	0.47
Aug 2021	124.43 (24.18)	74.66-174.2	0.19	132.74 (28.02)	74.67-190.81	0.21	158.12 (27.44)	108.19-208.06	0.17
Sep 2021	144.69 (21.84)	102.13-187.24	0.15	204.82 (32.45)	145.08-273.09	0.16	282.24 (41.5)	205.26-367.76	0.15
Oct 2021	134.99 (27.66)	84.37-194.05	0.20	185.53 (44.11)	101.2-269.86	0.24	245.14 (51.27)	152.16-355.04	0.21
Nov 2021	147.84 (50.21)	58.89-236.78	0.34	177.56 (58.88)	69.05-295.93	0.33	206.47 (65.85)	88.49-344.12	0.32
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	8.26 (6.26)	0-16.52	0.76	16.78 (13.15)	0-42.15	0.78	33.5 (15.64)	8.37-66.99	0.47
Apr 2022	529.52 (107.61)	327.8-739.65	0.20	770.91 (170.31)	460.87-1122.85	0.22	1001.25 (164.94)	689.94-1346.22	0.16
May 2022	84.15 (29.5)	33.45-143.06	0.35	213.34 (53.87)	119.47-324.27	0.25	297.06 (68.74)	169.75-441.35	0.23
Jun 2022	8.42 (6.58)	0-25.27	0.78	33.7 (16.61)	8.43-67.41	0.49	33.77 (16.73)	0-67.54	0.50
Jul 2022	74.91 (29.89)	16.65-133.16	0.40	84.29 (30.28)	25.29-143.29	0.36	117.66 (33.18)	58.62-184.89	0.28
Aug 2022	59.55 (9.36)	42.54-76.57	0.16	68.03 (15.1)	42.52-102.04	0.22	93.72 (19.57)	59.64-127.8	0.21
Sep 2022	76.34 (22.57)	33.93-118.75	0.30	118.77 (28.19)	67.87-169.68	0.24	237.98 (52.04)	135.99-356.97	0.22
Oct 2022	304.57 (44.92)	219.97-389.18	0.15	388.27 (55.82)	278.54-498	0.14	507.15 (59.12)	388.82-625.49	0.12
Nov 2022	294.89 (52)	193.79-387.78	0.18	479.08 (87.32)	325.09-650.18	0.18	510.28 (86.91)	348.69-680.58	0.17
Dec 2022	51.3 (17.46)	17.1-85.51	0.34	94.82 (30.44)	34.48-155.17	0.32	112.39 (31.55)	51.87-172.91	0.28
Jan 2023	0 (0)	0-0		0 (0)	0-0		8.29 (6.71)	0-24.87	0.81
Feb 2023	16.75 (8.54)	0-33.5	0.51	25.12 (11.27)	8.37-50.25	0.45	25.21 (12.06)	0-50.42	0.48

Table 38. DBSouth - West. Abundance of Great black-backed gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.45 (8.78)	0-25.55	1.04
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		34.19 (34.86)	0-102.56	1.02	34.29 (32.99)	0-102.88	0.96
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.45 (8.57)	0-25.36	1.01
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		33.93 (22.84)	0-84.83	0.67	42.17 (25.5)	0-101.2	0.60
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		16.75 (16.19)	0-50.25	0.97
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.15)	0-25.45	0.96	25.45 (14.72)	0-59.39	0.58	25.5 (14.83)	0-59.49	0.58
Oct 2022	8.46 (8.26)	0-25.38	0.98	8.44 (8.47)	0-25.32	1.00	8.45 (8.38)	0-25.36	0.99
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		34.58 (24.53)	0-86.46	0.71
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	8.38 (8.57)	0-25.13	1.02	16.75 (11.44)	0-41.87	0.68	16.81 (12.02)	0-42.01	0.72

Table 39. DBSouth - West. Abundance of Great northern diver recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.93)	0-34.28	1.04	8.55 (8.47)	0-25.64	0.99	8.57 (8.41)	0-25.72	0.98
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 40. DBSouth - West. Abundance of Great skua recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	8.51 (8.71)	0-25.53	1.02	8.53 (8.43)	0-25.6	0.99	8.55 (8.42)	0-25.66	0.98
Oct 2021	8.44 (8.19)	0-25.31	0.97	8.43 (8.64)	0-25.3	1.02	8.45 (8.29)	0-25.36	0.98
Nov 2021	9.86 (10.3)	0-39.42	1.04	9.86 (9.74)	0-29.59	0.99	19.66 (13.59)	0-49.16	0.69
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		17.04 (16.1)	0-51.12	0.94
Sep 2022	0 (0)	0-0		8.48 (8.28)	0-25.45	0.98	8.5 (8.63)	0-25.5	1.02
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		8.5 (8.22)	0-25.51	0.97
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 41. DBSouth - West. Abundance of Guillemot recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	273.98 (97.19)	102.74-479.47	0.35	407.12 (114.41)	181.9-615.01	0.28	552.51 (102.51)	353.95-759.7	0.19
Apr 2021	41.81 (18.42)	8.36-75.26	0.44	75.65 (30.76)	16.81-134.49	0.41	84.46 (35.82)	25.34-160.48	0.42
May 2021	16.66 (7.89)	0-33.33	0.47	25.35 (9.43)	8.45-42.26	0.37	42.05 (20.41)	8.41-84.11	0.49
Jun 2021	0 (0)	0-0		8.55 (6.93)	0-25.64	0.81	8.57 (7.77)	0-25.72	0.91
Jul 2021	33.66 (23.06)	0-92.58	0.69	34.05 (20.97)	0-76.61	0.62	68.1 (31.57)	17.03-136.2	0.46
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	59.13 (31.18)	0-128.12	0.53	98.64 (33.9)	29.59-167.69	0.34	117.98 (37.74)	49.16-196.64	0.32
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	16.82 (10.01)	0-33.63	0.60	42.42 (15.33)	16.97-76.35	0.36	42.17 (17.35)	8.43-75.9	0.41
Feb 2022	16.48 (9.97)	0-41.19	0.61	16.53 (8.48)	0-33.06	0.51	16.59 (9.03)	0-33.18	0.54
Mar 2022	41.3 (21.88)	0-82.8	0.53	58.72 (24.35)	16.78-109.05	0.41	108.87 (44.18)	33.5-200.98	0.41
Apr 2022	226.94 (84.71)	83.84-403.66	0.37	351.94 (94.42)	184.35-544.66	0.27	496.42 (116.69)	302.69-732.22	0.24
May 2022	109.4 (22.59)	67.32-151.48	0.21	162.14 (35.34)	93.87-230.4	0.22	178.24 (41.4)	101.85-263.11	0.23
Jun 2022	8.42 (7.46)	0-25.27	0.89	8.43 (6.68)	0-25.28	0.79	8.44 (7.49)	0-25.33	0.89
Jul 2022	16.65 (9.75)	0-33.29	0.59	33.72 (15.16)	8.43-59	0.45	75.64 (34.12)	16.81-142.87	0.45
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	42.41 (26.68)	0-101.78	0.63	101.81 (44.11)	16.97-186.64	0.43	101.99 (41.53)	34-186.98	0.41
Oct 2022	67.68 (31.26)	8.46-135.37	0.46	109.73 (29.93)	50.64-168.81	0.27	126.79 (50.77)	33.81-228.22	0.40
Nov 2022	244.34 (80.81)	109.32-421.27	0.33	325.09 (82.04)	162.54-470.74	0.25	391.21 (77.83)	246.63-544.3	0.20
Dec 2022	25.65 (12.51)	0-51.3	0.49	51.72 (16.69)	17.24-86.2	0.32	60.52 (19.96)	25.94-103.75	0.33
Jan 2023	98.57 (32.89)	41.07-164.29	0.33	173.48 (45.21)	90.66-264.35	0.26	265.31 (61.69)	149.24-389.88	0.23
Feb 2023	150.75 (53.17)	67-268.01	0.35	175.87 (48.54)	92.12-276.36	0.28	327.71 (86.27)	168.06-504.17	0.26

Table 42. DBSouth - West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	308.23 (109.34)	115.59-539.4	0.35	476.41 (133.88)	212.87-719.69	0.28	621.58 (115.33)	398.2-854.67	0.19
Apr 2021	58.53 (25.78)	11.71-105.36	0.44	109.27 (44.43)	24.28-194.26	0.41	118.25 (50.15)	35.47-224.67	0.42
May 2021	16.66 (7.89)	0-33.33	0.47	33.8 (12.57)	11.27-56.34	0.37	50.46 (24.49)	10.09-100.93	0.49
Jun 2021	0 (0)	0-0		8.55 (6.93)	0-25.64	0.81	8.57 (7.77)	0-25.72	0.91
Jul 2021	33.66 (23.06)	0-92.58	0.69	34.05 (20.97)	0-76.61	0.62	68.1 (31.57)	17.03-136.2	0.46
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	88.7 (46.77)	0-192.19	0.53	128.24 (44.07)	38.47-218	0.34	157.31 (50.32)	65.55-262.19	0.32
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	33.63 (20.02)	0-67.27	0.60	59.38 (21.46)	23.75-106.89	0.36	75.9 (31.23)	15.18-136.62	0.41
Feb 2022	49.43 (29.91)	0-123.57	0.61	49.6 (25.43)	0-99.19	0.51	66.35 (36.11)	0-132.71	0.54
Mar 2022	74.34 (39.39)	0-149.04	0.53	92.28 (38.27)	26.36-171.37	0.41	142.36 (57.78)	43.8-262.82	0.41
Apr 2022	235.34 (87.85)	86.95-418.61	0.37	385.45 (103.41)	201.9-596.54	0.27	530.08 (124.6)	323.21-781.86	0.24
May 2022	109.4 (22.59)	67.32-151.48	0.21	162.14 (35.34)	93.87-230.4	0.22	178.24 (41.4)	101.85-263.11	0.23
Jun 2022	8.42 (7.46)	0-25.27	0.89	8.43 (6.68)	0-25.28	0.79	8.44 (7.49)	0-25.33	0.89
Jul 2022	16.65 (9.75)	0-33.29	0.59	33.72 (15.16)	8.43-59	0.45	75.64 (34.12)	16.81-142.87	0.45
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	67.86 (42.7)	0-162.86	0.63	135.74 (58.82)	22.62-248.86	0.43	144.49 (58.83)	48.16-264.89	0.41
Oct 2022	118.45 (54.71)	14.81-236.89	0.46	177.25 (48.34)	81.81-272.7	0.27	185.96 (74.47)	49.59-334.72	0.40
Nov 2022	294.89 (97.53)	131.94-508.43	0.33	384.97 (97.15)	192.49-557.45	0.25	484.76 (96.44)	305.61-674.45	0.20
Dec 2022	25.65 (12.51)	0-51.3	0.49	51.72 (16.69)	17.24-86.2	0.32	60.52 (19.96)	25.94-103.75	0.33
Jan 2023	115 (38.37)	47.92-191.67	0.33	256.09 (66.73)	133.84-390.24	0.26	381.38 (88.69)	214.53-560.45	0.23
Feb 2023	159.13 (56.12)	70.72-282.9	0.35	184.24 (50.85)	96.51-289.52	0.28	336.11 (88.48)	172.37-517.1	0.26

Table 43. DBSouth - West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	308.23 (109.34)	115.59-539.4	0.35	476.41 (133.88)	212.87-719.69	0.28	621.58 (115.33)	398.2-854.67	0.19
Apr 2021	58.53 (25.78)	11.71-105.36	0.44	109.27 (44.43)	24.28-194.26	0.41	118.25 (50.15)	35.47-224.67	0.42
May 2021	16.66 (7.89)	0-33.33	0.47	33.8 (12.57)	11.27-56.34	0.37	50.46 (24.49)	10.09-100.93	0.49
Jun 2021	0 (0)	0-0		8.55 (6.93)	0-25.64	0.81	8.57 (7.77)	0-25.72	0.91
Jul 2021	33.66 (23.06)	0-92.58	0.69	34.05 (20.97)	0-76.61	0.62	68.1 (31.57)	17.03-136.2	0.46
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	88.7 (46.77)	0-192.19	0.53	128.24 (44.07)	38.47-218	0.34	157.31 (50.32)	65.55-262.19	0.32
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	33.63 (20.02)	0-67.27	0.60	59.38 (21.46)	23.75-106.89	0.36	75.9 (31.23)	15.18-136.62	0.41
Feb 2022	49.43 (29.91)	0-123.57	0.61	49.6 (25.43)	0-99.19	0.51	66.35 (36.11)	0-132.71	0.54
Mar 2022	74.34 (39.39)	0-149.04	0.53	92.28 (38.27)	26.36-171.37	0.41	142.36 (57.78)	43.8-262.82	0.41
Apr 2022	235.34 (87.85)	86.95-418.61	0.37	385.45 (103.41)	201.9-596.54	0.27	530.08 (124.6)	323.21-781.86	0.24
May 2022	109.4 (22.59)	67.32-151.48	0.21	162.14 (35.34)	93.87-230.4	0.22	178.24 (41.4)	101.85-263.11	0.23
Jun 2022	8.42 (7.46)	0-25.27	0.89	8.43 (6.68)	0-25.28	0.79	8.44 (7.49)	0-25.33	0.89
Jul 2022	16.65 (9.75)	0-33.29	0.59	33.72 (15.16)	8.43-59	0.45	75.64 (34.12)	16.81-142.87	0.45
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	67.86 (42.7)	0-162.86	0.63	135.74 (58.82)	22.62-248.86	0.43	144.49 (58.83)	48.16-264.89	0.41
Oct 2022	118.45 (54.71)	14.81-236.89	0.46	177.25 (48.34)	81.81-272.7	0.27	185.96 (74.47)	49.59-334.72	0.40
Nov 2022	294.89 (97.53)	131.94-508.43	0.33	384.97 (97.15)	192.49-557.45	0.25	484.76 (96.44)	305.61-674.45	0.20
Dec 2022	25.65 (12.51)	0-51.3	0.49	51.72 (16.69)	17.24-86.2	0.32	60.52 (19.96)	25.94-103.75	0.33
Jan 2023	115 (38.37)	47.92-191.67	0.33	256.09 (66.73)	133.84-390.24	0.26	381.38 (88.69)	214.53-560.45	0.23
Feb 2023	159.13 (56.12)	70.72-282.9	0.35	184.24 (50.85)	96.51-289.52	0.28	336.11 (88.48)	172.37-517.1	0.26

Table 44. DBSouth - West. Abundance of Herring gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.47)	0-25.71	0.99	8.55 (8.82)	0-25.85	1.03	17.15 (12.2)	0-42.87	0.71
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		29.5 (22.95)	0-78.66	0.78
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.41 (8.74)	0-25.22	1.04	8.48 (8.48)	0-25.45	1.00	8.43 (8.28)	0-25.3	0.98
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		16.86 (15.5)	0-50.57	0.92	16.81 (16.76)	0-50.42	1.00
Aug 2022	8.51 (8.39)	0-25.52	0.99	8.5 (8.27)	0-25.51	0.97	25.56 (18.07)	0-68.16	0.71
Sep 2022	0 (0)	0-0		8.48 (8.16)	0-25.45	0.96	8.5 (8.25)	0-25.5	0.97
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	16.85 (11.68)	0-42.13	0.69	17.11 (12.3)	0-42.77	0.72	17.01 (12.27)	0-42.52	0.72
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 45. DBSouth - West. Abundance of Kittiwake recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	958.93 (217.23)	573.65-1404.15	0.23	1559.17 (405.22)	866.2-2442.7	0.26	2106.45 (467.71)	1286.32-3125.58	0.22
Apr 2021	819.45 (211.43)	426.45-1254.26	0.26	1395.33 (335.59)	789.92-2084.6	0.24	1596.36 (368)	954.23-2407.42	0.23
May 2021	441.61 (85.99)	274.96-616.59	0.19	600.03 (90.76)	422.56-777.51	0.15	790.6 (89.6)	622.39-967.22	0.11
Jun 2021	94.28 (25.53)	51.42-145.7	0.27	119.65 (29.33)	68.37-179.48	0.25	180.04 (36.01)	111.24-248.63	0.20
Jul 2021	134.66 (37.08)	67.33-210.4	0.28	212.81 (47.62)	127.69-314.96	0.22	263.89 (50.1)	161.74-357.53	0.19
Aug 2021	8.3 (7.7)	0-24.89	0.93	16.59 (10.6)	0-41.48	0.64	49.93 (23.84)	8.32-99.87	0.48
Sep 2021	59.58 (32.81)	0-127.66	0.55	102.41 (37.96)	34.14-179.43	0.37	162.5 (52.88)	68.42-273.69	0.33
Oct 2021	413.41 (147.61)	168.53-742.66	0.36	514.42 (152.17)	244.56-835.09	0.30	557.91 (150.89)	287.41-862.23	0.27
Nov 2021	285.81 (61.35)	167.55-404.33	0.21	345.25 (71.27)	217.02-483.35	0.21	501.43 (75.78)	363.78-658.75	0.15
Dec 2021	59.75 (32.48)	0-128.05	0.54	59.55 (33.58)	8.51-136.11	0.56	102.33 (42.06)	34.11-196.13	0.41
Jan 2022	336.33 (65.92)	210.21-470.86	0.20	593.84 (89.79)	424.17-763.72	0.15	809.61 (115.86)	590.34-1037.31	0.14
Feb 2022	288.33 (67.98)	173-428.59	0.24	396.77 (67.9)	264.52-537.3	0.17	613.77 (94.49)	431.3-796.25	0.15
Mar 2022	429.5 (125.85)	223.01-702.06	0.29	637.55 (149.48)	360.72-948.35	0.23	1473.88 (273)	979.8-2043.75	0.19
Apr 2022	1765.08 (576.86)	840.51-2992.65	0.33	2731.7 (797.86)	1449.23-4558.63	0.29	3601.15 (787.99)	2263.34-5192.01	0.22
May 2022	437.6 (98.51)	260.88-647.98	0.23	657.08 (101.08)	469.34-870.42	0.15	797.83 (135.21)	551.69-1069.43	0.17
Jun 2022	219.04 (53.45)	117.94-320.14	0.24	337.05 (68.74)	210.65-480.29	0.20	574.11 (118.98)	354.6-818.95	0.21
Jul 2022	499.37 (166.75)	199.75-840.6	0.33	581.6 (166.87)	286.59-927.19	0.29	621.9 (161.27)	352.97-958.27	0.26
Aug 2022	3300.99 (2276.38)	425.38-8465.8	0.69	3911.56 (2332.14)	807.61-9175.17	0.60	5035.5 (2479.39)	1209.46-10574.54	0.49
Sep 2022	390.17 (153.67)	127.23-712.49	0.39	763.54 (255.19)	322.17-1315.2	0.33	1045.41 (334.94)	492.96-1802.06	0.32
Oct 2022	338.41 (60.43)	219.97-465.32	0.18	531.76 (96.18)	354.51-734.33	0.18	617.03 (111.71)	414.17-853.71	0.18
Nov 2022	1482.88 (222.68)	1044.55-1912.58	0.15	2677.7 (412.11)	1958.87-3533.2	0.15	3537.93 (395.37)	2840.34-4346.3	0.11
Dec 2022	932.02 (207.04)	572.89-1385.42	0.22	1387.87 (189.57)	1017.2-1767.38	0.14	1711.81 (213.97)	1313.9-2135.66	0.12
Jan 2023	443.57 (87.58)	279.28-624.28	0.20	603.06 (110.48)	396.32-826.1	0.18	762.76 (114.84)	547.2-986.82	0.15
Feb 2023	569.51 (126.09)	326.63-804.02	0.22	937.95 (149.49)	653-1248.01	0.16	1252.02 (167.31)	915.91-1554.94	0.13

Table 46. DBSouth - West. Abundance of Large gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.91 (17.14)	0-50.72	1.01
Nov 2022	8.43 (8.31)	0-25.28	0.99	8.55 (8.07)	0-25.66	0.94	8.5 (8.11)	0-25.51	0.95
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 47. DBSouth - West. Abundance of Lesser black-backed gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.41 (8.31)	0-25.22	0.99	8.38 (7.87)	0-25.14	0.94	8.41 (7.96)	0-25.24	0.95
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 48. DBSouth - West. Abundance of Little auk recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		25.86 (25.47)	0-77.58	0.98	25.94 (26.13)	0-77.81	1.01
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 49. DBSouth - West. Abundance of Little gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		34.14 (34.75)	0-102.41	1.02	34.21 (33.22)	0-102.63	0.97
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 50. DBSouth - West. Abundance of Puffin recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.91 (16.39)	0-50.72	0.97
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 51. DBSouth - West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.91 (16.39)	0-50.72	0.97
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 52. DBSouth - West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.91 (16.39)	0-50.72	0.97
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 53. DBSouth - West. Abundance of Razorbill recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.19)	0-25.69	0.96	8.66 (7.61)	0-25.99	0.88	86.33 (36.37)	17.27-155.39	0.42
Apr 2021	8.36 (8.12)	0-25.09	0.97	8.41 (7.27)	0-25.22	0.86	8.45 (7.09)	0-25.34	0.84
May 2021	49.99 (28.39)	0-116.65	0.57	50.71 (25.57)	16.9-101.41	0.50	50.46 (25.14)	0-100.93	0.50
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		19.73 (17.62)	0-59.19	0.89	19.66 (16.65)	0-58.99	0.85
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	16.48 (16.51)	0-49.43	1.00	16.53 (14.31)	0-49.6	0.87	16.59 (14.44)	0-49.77	0.87
Mar 2022	16.52 (16.23)	0-49.56	0.98	41.94 (26.98)	0-100.67	0.64	108.87 (60.64)	0-234.48	0.56
Apr 2022	117.67 (83.14)	0-302.58	0.71	117.31 (72.38)	0-284.9	0.62	143.04 (73.96)	16.83-302.9	0.52
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.09)	0-25.45	0.95	67.87 (35.74)	8.48-144.22	0.53	67.99 (38.08)	8.5-144.49	0.56
Oct 2022	329.95 (209.92)	16.92-812.41	0.64	346.06 (194.09)	25.32-751.21	0.56	447.98 (173.29)	126.79-794.54	0.39
Nov 2022	117.96 (52.07)	25.28-227.49	0.44	162.54 (62.35)	51.33-307.98	0.38	204.11 (63.5)	85.05-331.68	0.31
Dec 2022	25.65 (18.63)	0-68.41	0.73	34.48 (16.56)	8.62-68.96	0.48	34.58 (16.1)	8.65-69.16	0.47
Jan 2023	32.86 (19.61)	0-73.93	0.60	33.04 (15.44)	8.26-66.09	0.47	33.16 (17.32)	0-66.33	0.52
Feb 2023	108.88 (49.31)	25.13-209.38	0.45	117.24 (41.39)	41.87-201.2	0.35	126.04 (43.27)	50.42-218.47	0.34

Table 54. DBSouth - West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.19)	0-25.69	0.96	8.66 (7.61)	0-25.99	0.88	94.96 (40.01)	18.99-170.93	0.42
Apr 2021	8.36 (8.12)	0-25.09	0.97	8.41 (7.27)	0-25.22	0.86	8.45 (7.09)	0-25.34	0.84
May 2021	66.66 (37.85)	0-155.54	0.57	59.16 (29.83)	19.72-118.32	0.50	58.87 (29.33)	0-117.75	0.50
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		19.73 (17.62)	0-59.19	0.89	19.66 (16.65)	0-58.99	0.85
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	49.43 (49.53)	0-148.29	1.00	49.6 (42.92)	0-148.79	0.87	66.35 (57.74)	0-199.06	0.87
Mar 2022	24.78 (24.34)	0-74.34	0.98	67.11 (43.17)	0-161.06	0.64	142.36 (79.3)	0-306.63	0.56
Apr 2022	117.67 (83.14)	0-302.58	0.71	125.69 (77.55)	0-305.25	0.62	151.45 (78.31)	17.82-320.72	0.52
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	16.96 (16.19)	0-50.89	0.95	84.84 (44.67)	10.6-180.28	0.53	93.49 (52.36)	11.69-198.67	0.56
Oct 2022	558.38 (355.25)	28.64-1374.84	0.64	557.08 (312.44)	40.76-1209.27	0.56	667.75 (258.31)	188.99-1184.31	0.39
Nov 2022	143.23 (63.23)	30.69-276.23	0.44	188.21 (72.19)	59.43-356.61	0.38	255.14 (79.37)	106.31-414.6	0.31
Dec 2022	25.65 (18.63)	0-68.41	0.73	34.48 (16.56)	8.62-68.96	0.48	34.58 (16.1)	8.65-69.16	0.47
Jan 2023	41.07 (24.52)	0-92.41	0.60	49.57 (23.16)	12.39-99.13	0.47	49.75 (25.98)	0-99.49	0.52
Feb 2023	108.88 (49.31)	25.13-209.38	0.45	125.62 (44.35)	44.86-215.57	0.35	134.45 (46.15)	53.78-233.04	0.34

Table 55. DBSouth - West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.19)	0-25.69	0.96	8.66 (7.61)	0-25.99	0.88	94.96 (40.01)	18.99-170.93	0.42
Apr 2021	8.36 (8.12)	0-25.09	0.97	8.41 (7.27)	0-25.22	0.86	8.45 (7.09)	0-25.34	0.84
May 2021	66.66 (37.85)	0-155.54	0.57	59.16 (29.83)	19.72-118.32	0.50	58.87 (29.33)	0-117.75	0.50
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		19.73 (17.62)	0-59.19	0.89	19.66 (16.65)	0-58.99	0.85
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	49.43 (49.53)	0-148.29	1.00	49.6 (42.92)	0-148.79	0.87	66.35 (57.74)	0-199.06	0.87
Mar 2022	24.78 (24.34)	0-74.34	0.98	67.11 (43.17)	0-161.06	0.64	142.36 (79.3)	0-306.63	0.56
Apr 2022	117.67 (83.14)	0-302.58	0.71	125.69 (77.55)	0-305.25	0.62	151.45 (78.31)	17.82-320.72	0.52
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	16.96 (16.19)	0-50.89	0.95	84.84 (44.67)	10.6-180.28	0.53	93.49 (52.36)	11.69-198.67	0.56
Oct 2022	558.38 (355.25)	28.64-1374.84	0.64	557.08 (312.44)	40.76-1209.27	0.56	667.75 (258.31)	188.99-1184.31	0.39
Nov 2022	143.23 (63.23)	30.69-276.23	0.44	188.21 (72.19)	59.43-356.61	0.38	255.14 (79.37)	106.31-414.6	0.31
Dec 2022	25.65 (18.63)	0-68.41	0.73	34.48 (16.56)	8.62-68.96	0.48	34.58 (16.1)	8.65-69.16	0.47
Jan 2023	41.07 (24.52)	0-92.41	0.60	49.57 (23.16)	12.39-99.13	0.47	49.75 (25.98)	0-99.49	0.52
Feb 2023	108.88 (49.31)	25.13-209.38	0.45	125.62 (44.35)	44.86-215.57	0.35	134.45 (46.15)	53.78-233.04	0.34

Table 56. DBSouth - West. Abundance of Red-throated diver recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 57. DBSouth - West. Abundance of Skua species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	16.87 (16.44)	0-50.62	0.97	16.87 (16.8)	0-50.6	1.0	16.91 (17.21)	0-50.72	1.02
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (7.84)	0-25.45	0.92	33.94 (20.4)	0-76.57	0.6	34 (19.88)	0-76.49	0.58
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 58. DBSouth - West. Abundance of Small gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.1)	0-25.52	0.95	8.5 (8.28)	0-25.51	0.97	8.52 (8.62)	0-25.56	1.01
Sep 2022	8.48 (8.44)	0-25.45	0.99	25.45 (19.12)	0-67.87	0.75	25.5 (18.16)	0-67.99	0.71
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		25.66 (18.16)	0-68.44	0.71	42.52 (23.83)	0-93.55	0.56
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 59. DBSouth - West. Abundance of Tern species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.35)	0-25.52	0.98	17.01 (11.55)	0-42.52	0.68	17.04 (12.45)	0-42.6	0.73
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 60. DBS - East & West. Abundance of Arctic skua recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		8.364 (8.05)	0-25.0719	0.96
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (8.57)	0-25.11	1.03	8.3731 (8.33)	0-25.4424.93	0.991.00	8.3831 (8.22)	0-25.4424.92	0.989.9
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.51 (8.14)	0-25.25	0.96	8.435 (8.27)	0-25.2851	0.989.7	8.4352 (8.6)	0-25.2956	1.0201
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 61. DBS - East & West. Abundance of Arctic tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	16.83 (14.11)	0-50.49	0.84	16.9588 (11.12)	0-33.9476	0.66	25.3934 (12.14)	0-50.7859.19	0.48
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	41.67 (23.65)	0-92.12	0.57	75.9918 (30.45)	16.89- 135.0971- 133.65	0.40	101.42 100.39 (29.83)	42.43- 160.44 1.83- 158.95	0.293 0
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	25.03 (18.24)	0-66.81	0.73	25.2829 (14.44)	0-50.57	0.57	25.343 (14.98)	0-50.6759	0.59
Aug 2022	117.47 (42.22)	42.08-202	0.36	176.986 (36.74)	109.35- 244.64 75.62- 277.58	0.21	286.631 (58.14)	168.61- 396.23 134.35 -454.71	0.20
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 62. DBS - East & West. Abundance of Black-backed gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		8.46 (0)	0-25.39	0.00	8.46 (0)	0-25.39	0.00
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	8.55 (8.17)	0-24.99	0.96	8.3862 (8.03)	0-25.4486	0.9693	8.3965 (8.31)	0-25.4894	0.9996
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 63. DBS - East & West. Abundance of Commic tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	33.66 (19.72)	0-75.74	0.59	42.3835 (17.61)	8.48-76.290-93.14	0.42	67.78 (22.39)	25.39-110.028.51-127.09	0.33
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	75.09 (42.91)	8.37-167.49	0.57	109.76108.77 (47.31)	25.33-202.8516.71-217.93	0.43	143.26142.71 (47.57)	58.99-235.9541.83-277.42	0.33
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	33.35 (17.46)	0-66.81	0.52	67.43 (23.87)	25.28-109.5716.86-126.43	0.35	76.0475.72 (24.32)	33.78-126.6825.21-134.63	0.32
Aug 2022	209.24 (86.52)	67.12-387.17	0.41	261.25260.42 (89.66)	101.13-438.2367.27-495.33	0.34	480.53479.37 (103.46)	277.99-682.86193.09-774.17	0.22
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 64. DBS - East & West. Abundance of Common gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	8.38 (8.34)	0-25.01	1.00	8.354 (8.19)	0-25.0521	0.98	8.364 (8.18)	0-25.0719	0.9897
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	16.88 (18.3)	0-54.89	1.08	36.4835.27 (22.06)	0-91.297.35	0.6063	36.4135.23 (20.33)	0-81.9388.75	0.5658
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	101.73 (45.92)	25.25-202	0.45	109.56110.24 (44.42)	33.71-210.6925.51-237.34	0.4140	143.32144.31 (48.79)	59.01-244.4834.08-279.91	0.34
Sep 2022	8.48 (8.17)	0-26.15	0.96	8.7248 (8.19)	0-26.1625.45	0.9497	17.441 (11.63)	0-43.552.24	0.67
Oct 2022	0 (0)	0-0		8.436 (8.46)	0-25.2409	1.01	8.4436 (8.58)	0-25.2208	1.0203
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (7.94)	0-24.89	0.95	16.6986 (11.72)	0-41.7242.15	0.7069	16.783 (11.45)	0-41.7642.08	0.6968
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 65. DBS - East & West. Abundance of Common scoter recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 66. DBS - East & West. Abundance of Common tern recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.33 (8.19)	0-25.19	0.98	8.4445 (8.25)	0-25.3235	0.98	8.4241 (8.04)	0-25.2623	0.9596
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	8.42 (8.8)	0-33.5	1.05	8.4453 (8.57)	0-25.336	1.0200	8.4349 (8.58)	0-33.7195	1.0201
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	8.33 (8.58)	0-25.25	1.03	16.867 (11.69)	0-42.1441.76	0.6970	16.8668 (11.7)	0-42.1541.7	0.6970
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 67. DBS - East & West. Abundance of Fulmar recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.56 (8.43)	0-25.43	0.99	17.0632 (8.26)	0-34.4365	0.48	17.0327 (11.97)	0-42.5743.16	0.7069
Apr 2021	41.77 (24.54)	0-91.76	0.59	50.2738 (17.76)	16.76-83.788.41-100.7	0.35	67.4435 (28.69)	16.78-125.888.45-151.49	0.43
May 2021	50.25 (21.62)	16.79-92.37	0.43	84.4445 (20.99)	42.2-126.6433.8-151.98	0.25	101.03 (30.39)	42.1-168.3833.66-193.58	0.30
Jun 2021	25.54 (13.13)	0-51.17	0.51	42.5962 (17.35)	8.52-76.670-93.73	0.41	76.7496 (40)	16.83-161.950-188.12	0.52
Jul 2021	8.42 (8.39)	0-25.25	1.00	25.4347 (11.66)	8.48-50.860-59.37	0.46	25.3944 (14.66)	0-59.2467.8	0.58
Aug 2021	58.39 (19.9)	25.01-100.02	0.34	91.849 (25.57)	41.74-141.9325.1-167.1	0.28	133.7388 (31.88)	7550.22-200.6225.87	0.24
Sep 2021	33.71 (14.47)	8.43-67.43	0.43	101.5972 (23.05)	59.26-14334-160.91	0.23	135.5235 (34.47)	67.76-203.2859-236.82	0.25
Oct 2021	33.48 (14.82)	8.37-66.96	0.44	33.48 (14.57)	8.37-66.970-75.28	0.44	33.52 (16.33)	0-83.838-75.42	0.49
Nov 2021	105.55 (31.48)	54.89-173.83	0.30	191.52186.23 (43.66)	109.44-282.7379.02-301.91	0.23	282.24280.18 (53.83)	172.97-391.45143.64-444.85	0.19
Dec 2021	0 (0)	0-0		17.01 (11.38)	0-33.9934.03	0.67	16.9817.05 (16.61)	0-50.9551.16	0.9897
Jan 2022	75.54 (27.39)	25.18-134.32	0.36	101.04100.78 (31.99)	42.1-168.425.2-184.72	0.32	100.7256 (34.22)	16.71-201.4197-176.26	0.34
Feb 2022	41.79 (15.79)	8.31-74.82	0.38	66.6478 (20.84)	24.99-108.298.4-125.16	0.31	100.0717 (30.35)	50.04-166.7925.07-191.87	0.30
Mar 2022	8.26 (8.58)	0-33.41	1.04	16.8578 (8.25)	0-33.756	0.49	16.8475 (12.27)	0-42.0941.87	0.73
Apr 2022	33.62 (19.92)	0-75.23	0.59	33.4552 (14.07)	8.3638-58.5366	0.42	66.9767.31 (36.96)	8.37-150.6741-151.45	0.55
May 2022	42 (17.53)	8.37-75.37	0.42	50.6684 (16.83)	25.33-84.4317.07-101.32	0.33	75.8476.02 (24.98)	33.71-126.416.98-143.56	0.33
Jun 2022	0 (0)	0-0		8.3936 (8.01)	0-25.1807	0.9596	16.77 (11.16)	0-41.9350.32	0.67
Jul 2022	0 (0)	0-0		16.8685 (16.52)	0-50.5756	0.98	16.8998 (16.8)	0-50.6793	0.99
Aug 2022	0 (0)	0-0		0 (0)	0-0		16.8617.04 (16.54)	0-50.5851.12	0.9897
Sep 2022	25.91 (12.57)	8.72-52.29	0.49	52.3437 (16.46)	26.16-87.198.48-96.25	0.31	69.665 (23.05)	26.1-121.817.41-139.31	0.33
Oct 2022	75.61 (20.2)	42.08-117.83	0.27	235.25234.94 (90.24)	100.82-445.5458.85-486.29	0.38	302.6418 (94.53)	151.32-504.6109.24-562.3	0.31
Nov 2022	16.85 (11.32)	0-41.58	0.67	25.466 (9.79)	8.37-41.8355-42.77	0.3938	41.742.2 (17.84)	16.68-83.428.5-92.58	0.4342

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Dec 2022	49.53 (19.8)	16.66-91.61	0.40	75.44 74.74 (24.64)	33.52 125.69 16.77- 140.87	0.33	100.72 99.79 (31.1)	41.97 159.47 24.95- 183.27	0.31
Jan 2023	99.91 (38.7)	33.19-174.25	0.39	150.4855 (44.84)	75.09 241.96 66.59- 259.79	0.30	158.6989 (49.22)	75.17 267.47 50.12- 309.62	0.31
Feb 2023	117 (31.85)	58.45-183.69	0.27	150.4655 (28.66)	100.31 217.33 83.68- 225.77	0.19	208.76 209.23 (41.64)	133.4 292.26 108.92 -334.54	0.20

Table 68. DBS - East & West. Abundance of Gannet recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	186 (39.36)	110.21-262.8	0.21	281.55 279.63 (44.27)	196.16 0.69- 407.23- 366.86	0.16	391.65 389.55 (49.67)	298- 493.82 262.18 -525.76	0.13
Apr 2021	308.61 (49.46)	216.88- 408.73	0.16	444.04 08 (53.53)	343.48- 552.92301.64 -586.79	0.12	562.2742 (57.32)	452.96- 674411.37- 721.93	0.10
May 2021	184.61 (30.24)	125.96-251.92	0.16	270.44 13 (40.14)	194.14- 354.52168.84 -388.3	0.15	429.3824 (65.86)	303.09- 564.08260.9- 614.41	0.15
Jun 2021	0 (0)	0-0		42.5968 (27.3)	0-93.784	0.64	68.4949 (31.32)	8.52- 128.07 57- 145.45	0.46
Jul 2021	25.25 (11.55)	8.42-50.49	0.46	42.3842 (17.11)	8.48 76.290- 84.84	0.40	59.2429 (20.35)	25.39- 101.5516.93- 118.58	0.34
Aug 2021	157.93 (27.79)	108.36-216.72	0.18	166.9735 (31.63)	108.53- 225.4183.07- 249.63	0.19	208.9549 (33.97)	142.09- 275.82124.98 -300.4	0.16
Sep 2021	311.61 (36.92)	244.43- 387.71	0.12	397.8894 (44.6)	304.76- 482.53279.43 -533.39	0.11	525.4346 (54.12)	415.02- 635.24381.39 -678.09	0.10
Oct 2021	392.39 (49.79)	301.32- 493.84	0.13	519.04 517.89 (64.36)	385.08- 644.58342.16 -701.93	0.12	695.53693.69 (71.22)	569.83- 838.2509.13- 903.26	0.10
Nov 2021	232.26 (52.1)	128.09- 329.37	0.22	310.09 313.07 (61.66)	191.52- 437.77153.75- 482.26	0.20	373.24375.77 (69.11)	245.8- 509.8198.53- 581.13	0.4918
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		8.3439 (7.88)	0-25.0216	0.9594
Mar 2022	33.6 (12.38)	8.35-58.47	0.37	50.5563 (20.17)	16.85- 92.688.46- 101.6	0.40	67.3435 (21.98)	25.25- 109.4316.84- 134.7	0.33
Apr 2022	787.24 (120.79)	551.71- 1036.76	0.15	1212.41 213.09 (187.68)	877.74- 1605.38761.2 2-1715.2	0.15	1741.41742.37 (205.12)	1364.21- 2459.641214. 34-2328.83	0.12
May 2022	92.49 (30.19)	41.87-150.74	0.33	253.29 255.1 (56.68)	151.98- 371.5127.82- 399.45	0.22	379.24380.72 (78.54)	235.74- 539.32194.85 -600.31	0.21
Jun 2022	16.76 (9.2)	0-33.52	0.55	50.3542 (19.35)	16.78- 92.318.43- 100.84	0.38	67.09 (21.85)	25.16- 109.038.33- 134.18	0.33
Jul 2022	125.19 (33.65)	58.46-192.09	0.27	134.85 (34.51)	67.43- 202.2842.14- 227.57	0.26	236.4749 (49.31)	143.57- 329.37109.55 -380.11	0.21
Aug 2022	126.16 (24.45)	75.75-168.34	0.19	143.2719 (29.12)	84.28- 202.2675.72- 227.32	0.20	177.0413 (32.11)	118.02- 244.4893- 261.25	0.18
Sep 2022	94.24 (25.18)	43.58-148.16	0.27	165.66 163.63 (33.34)	104.63- 226.6976.84- 250.42	0.20	313.2309.29 (56.98)	200.1- 435.22162.73- 472.86	0.18

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Oct 2022	421.78 (55.72)	311.4-521.81	0.13	604.94 605.7 (80.79)	453.7 764.57 387.26 -849.24	0.13	845.45 816.49 (103.51)	622.4 1025.83 556.0 3-1118.76	0.13
Nov 2022	483.62 (74.61)	340.73- 623.87	0.15	711.44 716.38 (105.4)	510.14 928.67 456.01 -1010.22	0.15	775.79 780.29 (107.56)	575.59 992.68 495.9 7-1097.88	0.14
Dec 2022	75.62 (22.42)	33.31-116.6	0.30	125.69 127.41 (34.07)	67.03 192.72 34.48- 220.34	0.27	176.25 177.6 (39.66)	100.72 25276.32 287.02	0.222
Jan 2023	0 (0)	0-0		0 (0)	0-0		8.3529 (6.76)	0-25.0624.87	0.81
Feb 2023	41.72 (17.72)	8.35-75.15	0.42	58.515 (20.26)	25.08 100.31 16.72- 116.99	0.35	66.87 (22.86)	25.05 116.91 8.3- 133.39	0.34

Table 69. DBS - East & West. Abundance of Great black-backed gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		16.78 (12.01)	0-41.9650.56	0.72
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		34.0719 (34.74)	0-102.2256	1.02	34.0929 (32.79)	0-102.2888	0.96
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.3845 (8.49)	0-25.4436	1.0400
Nov 2021	8.44 (8.51)	0-27.45	1.01	9.428.47 (9.14)	0-36.4833.88	1.0008	27.3125.39 (14.89)	0-54.6250.79	0.5559
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	16.76 (11.76)	0-41.97	0.70	58.9459 (26.58)	16.84-147.880-143.33	0.45	75.5458 (30.33)	25.18-142.98.35-176.38	0.40
Feb 2022	8.39 (8.07)	0-24.94	0.96	8.334 (8.49)	0-24.9925.19	1.0201	16.6877 (11.25)	0-41.793	0.67
Mar 2022	0 (0)	0-0		25.2839 (18.56)	0-67.47	0.73	50.546 (26.38)	8.42-109.430-126.41	0.52
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.65 (11.64)	0-42.08	0.70	16.867 (11.57)	0-42.1441.76	0.69	16.8668 (11.93)	0-42.1541.7	0.7472
Sep 2022	8.48 (8.38)	0-26.15	0.99	34.8842 (17.21)	8.72-69.750-86.3	0.4950	34.841 (17.04)	8.7-69.60-86.24	0.4950
Oct 2022	8.46 (8.22)	0-25.25	0.97	16.8 (12.16)	0-42.0450.41	0.72	16.81 (11.82)	0-42.0350.44	0.70
Nov 2022	0 (0)	0-0		0 (0)	0-0		25.0324.55 (18.56)	0-66.7365.46	0.7476
Dec 2022	0 (0)	0-0		8.3815 (8.66)	0-25.1424.44	1.0306	67.4418 (30.71)	16.79-134.290-159.81	0.46
Jan 2023	25.14 (24.15)	0-74.68	0.96	33.3772 (25.46)	0-91.7892.72	0.76	41.7642.08 (26.43)	0-100.2298	0.63
Feb 2023	16.7 (11.73)	0-41.75	0.70	25.0809 (13.88)	0-58.5466.9	0.55	25.051 (14.6)	0-58.4566.91	0.58

Table 70. DBS - East & West. Abundance of Great northern diver recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.89)	0-34.11	1.04	8.5255 (8.45)	0-25.5664	0.99	8.5257 (8.36)	0-25.5772	0.98
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 71. DBS - East & West. Abundance of Great skua recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		8.354 (8.4)	0-25.0521	1.0400	8.364 (8.09)	0-25.0719	0.9796
Sep 2021	8.51 (8.62)	0-25.29	1.01	8.4753 (8.37)	0-25.46	0.9998	8.4755 (8.34)	0-25.4166	0.98
Oct 2021	8.44 (8.13)	0-25.11	0.96	8.3743 (8.57)	0-25.43	1.02	8.3845 (8.21)	0-25.4436	0.9897
Nov 2021	9.86 (9.56)	0-36.6	0.97	9.4286 (9)	0-27.3629.59	0.9991	18.2419.66 (12.58)	0-45.5249.16	0.6964
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		16.8617.04 (15.93)	0-50.5851.12	0.9493
Sep 2022	0 (0)	0-0		8.7248 (8.51)	0-26.4625.45	0.98100	8.75 (8.84)	0-26.425.5	1.0204
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	8.21 (8.28)	0-24.95	1.01	8.3718 (8.64)	0-25.424.55	1.0306	16.6869 (11.69)	0-41.7450.06	0.70
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 72. DBS - East & West. Abundance of Guillemot recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	710.43 (138.85)	440.62-974.92	0.20	947.02 944.91 (161.15)	631.35-1262.75 01.22-1379.68	0.17	1234.55 1232.62 (169.24)	885.26-1541.27 73.77-1683.31	0.14
Apr 2021	116.7 (25.52)	66.73-166.83	0.22	175.93 84 (37.7)	100.53-251.33 75.25-276.42	0.21	218.19 217.86 (47.53)	134.27-318.91 00.38-360.58	0.22
May 2021	33.59 (11.92)	8.4-58.78	0.35	59.09 08 (13.46)	33.76-25.31-92.84 41	0.23	75.77 76 (22.4)	33.68-126.29 25.27-134.67	0.30
Jun 2021	0 (0)	0-0		8.52 55 (6.91)	0-25.56 64	0.81	8.52 57 (7.72)	0-25.57 72	0.91 90
Jul 2021	67.32 (25.99)	25.25-126.23	0.39	67.82 81 (25.96)	16.95-118.68 8.44-144.14	0.38	101.55 75 (33.53)	42.31-169.26 25.44-195.09	0.33
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (6.83)	0-25.11	0.82	8.37 31 (7.37)	0-25.11 24.93	0.88 9	8.38 31 (6.98)	0-25.11 24.92	0.83 84
Nov 2021	126.67 (33.54)	64.04-192.13	0.26	218.88 217.22 (49)	127.68-319.21 80.41-362.49	0.22 23	236.69 49 (49.31)	154.76-336.83 108.41-382.86	0.21
Dec 2021	0 (0)	0-0		0 (0)	0-0		8.49 45 (5.08)	0-16.98 91	0.60
Jan 2022	67.1 (28.43)	16.79-117.74	0.42	92.62 55 (37.95)	33.47-176.82 16.97-201.69	0.41	100.72 64 (34.7)	41.76-167.87 16.79-201.2	0.34
Feb 2022	33.25 (13.94)	8.31-58.19	0.42	33.32 (13.66)	8.33-58.31 0-75.05	0.41	33.36 (13.68)	8.34-58.38 0-75.11	0.41
Mar 2022	134.2 (40.27)	58.47-209.03	0.30	168.57 3 (48.77)	75.83-269.84 50.63-303.69	0.29	227.29 35 (57.93)	126.27-345.14 84.06-395.63	0.25
Apr 2022	368.27 (93.99)	200.41-560.07	0.26	526.77 52 7.14 (107.82)	334.25-735.82 67.78-853.36	0.20	841.96 81 2.85 (139.09)	560.84-1104.93 477.5-6-1206.87	0.17
May 2022	109.4 (22.48)	67-150.74	0.21	160.42 16 2.14 (34.96)	9293.87-227.96 230.4	0.22	185.39 18 6.6 (41.55)	109.55-269.66 101.85-279.84	0.22
Jun 2022	16.76 (9.57)	0-33.52	0.57	33.57 5 (15.1)	8.39-67.14 0-75.42	0.45	33.55 43 (15.3)	8.39-67.09 0-75.31	0.46
Jul 2022	66.93 (32.56)	16.7-133.63	0.49	84.28 (37.69)	25.28-160.14 8.43-185.41	0.45	202.69 96 (70.16)	76.01-338.03 33.78-389.02	0.35
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	42.41 (27.42)	0-104.59	0.65	113.35 11 0.78 (45.75)	26.16-200.53 97-204.59	0.40 41	113.11 10 0.91 (42.51)	34.8-200.1-204.81	0.38
Oct 2022	193.27 (62.13)	67.33-311.4	0.32	285.67 35 (75.12)	151.23-445.31 09.18-478.24	0.26	395.12 39 4.33 (92.49)	226.77-588.47 159.01-646.46	0.23
Nov 2022	301.78 (80.66)	166.31-473.98	0.27	426.68 43 1.46 (83.55)	275.88-577.28 219.82-626.21	0.20 19	575.59 59 79.41 (84.42)	416.88-742.42 369.37-797.95	0.15

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Dec 2022	49.97 (16.17)	16.66-83.28	0.32	92.4746 (23.48)	50.28 42.45 25.39- 159.53	0.25	125.972 (27.74)	7558.54 184.65 209.7	0.22
Jan 2023	182.38 (44.8)	99.57-273.82	0.25	325.392 (58.26)	208.59 434.07 174.96 -491.94	0.18	484.4211 (77.5)	342.43 643.42 83.88 -701.24	0.16
Feb 2023	167.4 (53.92)	75.15-283.89	0.32	200.6489 (49.39)	117.02 300.92 100.4 6-326.42	0.25	375.77 377.5 (86.4)	217.11 551.34 192.95- 578.85	0.23

Table 73. DBS - East & West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	904.15 (176.87)	561.27-1241.86	0.20	1185.9 1173.86 (201.81)	790.61-1581.22 626.98-1711.38	0.17	1507.1 1494.8 (206.59)	1080.63-1881.42 937.23-2040.53	0.14
Apr 2021	150.06 (34.63)	90.56-226.41	0.23	226.1 1916 (48.48)	129.25-323.1 392.47-359.85	0.21	302.12 301.68 (65.8)	185.92-441.55 138.65-499.81	0.22
May 2021	42.05 (14.9)	10.5-73.48	0.35	67.53 (15.38)	38.59-96.47 28.13-106.92	0.23	84.1 918 (24.89)	37.42-140.32 26.95-151.49	0.30
Jun 2021	0 (0)	0-0		8.52 55 (6.91)	0.25-5.6 64	0.81	8.52 57 (7.72)	0.25-5.7 72	0.91 90
Jul 2021	67.32 (25.99)	25.25-126.23	0.39	67.82 81 (25.96)	16.95-118.68 8.44-144.14	0.38	101.5575 (33.53)	42.31-169.26 25.44-195.09	0.33
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (6.83)	0-25.11	0.82	8.37 31 (7.37)	0.25-11.24 9.93	0.888 9	16.7661 (13.97)	0.50-28.4 9.84	0.838 4
Nov 2021	173.13 (45.52)	86.92-260.75	0.26	264.48 263.75 (59.21)	154.28-385.74 96.55-440.63	0.22	309.5268 (64.48)	202.38-440.47 141.73-501.62	0.21
Dec 2021	0 (0)	0-0		0 (0)	0-0		25.4736 (15.23)	0.50-9.5 73	0.60
Jan 2022	83.92 (35.54)	20.99-147.17	0.42	109.4652 (44.85)	39.55-208.96 23.75-232.23	0.41	125.91 134.37 (43.37)	52.2-209.84 23.53-261.92	0.34 32
Feb 2022	66.21 (34.84)	20.78-145.48	0.53	83.36 6.39 (34.15)	20.83-145.78 0-141.17	0.41 51	83.3913 (34.21)	20.85-145.94 0-174.64	0.41
Mar 2022	192.58 (57.88)	84.05-300.48	0.30	235.92 27.68 (68.28)	106.16-377.74 68.03-410.92	0.293 0	286.2124 (72.95)	159.01-434.62 105.21-499.19	0.25
Apr 2022	393.3 (98.26)	209.52-585.53	0.25	576.94585.69 (118.09)	366.08-805.88 297.25-949.33	0.20	870.55871.49 (149.12)	601.31-1184.67 511.89-1293.98	0.17
May 2022	109.4 (22.48)	67-150.74	0.21	160.42 162.14 (34.96)	9293.87-227.96 230.4	0.22	185.39 186.6 (41.55)	109.55-269.66 101.85-279.84	0.22
Jun 2022	16.76 (9.57)	0-33.52	0.57	33.575 (15.1)	8.39-67.14 0-75.42	0.45	33.5543 (15.3)	8.39-67.09 0-75.31	0.46
Jul 2022	66.93 (32.56)	16.7-133.63	0.49	84.28 (37.69)	25.28-160.14 8.43-185.41	0.45	202.6996 (70.16)	76.01-338.03 33.78-389.02	0.35
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	67.86 (43.87)	0-167.34	0.65	139.51 144.71 (56.31)	32.19-246.84 22.62-266.8	0.403 9	147.9153.4 (55.59)	45.51-261.67 48.16-282.72	0.383 6
Oct 2022	260.77 (86.43)	93.68-433.26	0.33	352.88 361.24 (92.8)	186.82-550.08 143.14-596.86	0.26	462.37 470.22 (108.24)	265.37-688.64 182.61-779.1	0.23
Nov 2022	401.56 (105.31)	217.13-618.81	0.26	535.45 556.81 (104.85)	346.2-724.43 285.01-808.6	0.20 19	784.13787.51 (115)	567.93-1011.42 503.05-1082.5	0.15

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Dec 2022	49.97 (16.17)	16.66-83.28	0.32	92.4746 (23.48)	50.28 442.4525.39 159.53	0.25	142.6802 (31.44)	85.61 209.2766.69 236.19	0.22
Jan 2023	198.81 (50.91)	113.15-311.16	0.26	425.52 416.24 (76.19)	272.77 567.63222.81 630.46	0.18	618.05 608.59 (98.88)	436.9 820.52354.35 -883.79	0.16
Feb 2023	175.78 (56.62)	78.9-298.09	0.32	208.97 209.27 (51.45)	121.9 313.46 104.85 -339.58	0.25	384.12 385.9 (88.32)	221.94 563.59 197.26 -591.78	0.23

Table 74. DBS - East & West. Abundance of Guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	904.15 (176.87)	561.27-1241.86	0.20	1185.9 1173.86 (201.81)	790.61 1584.22 626.9 8-1711.38	0.17	1507 1494.8 (206.59)	1080.63 1881.42 937.2 3-2040.53	0.14
Apr 2021	150.06 (34.63)	90.56-226.41	0.23	226.49 16 (48.48)	129.25 323-1392.47- 359.85	0.21	302.12 301.68 (65.8)	185.92 441-55138.65- 499.81	0.22
May 2021	42.05 (14.9)	10.5-73.48	0.35	67.53 (15.38)	38.59 96-4728.13- 106.92	0.23	84.49 18 (24.89)	37.42 140-3226.95- 151.49	0.30
Jun 2021	0 (0)	0-0		8.52 55 (6.91)	0-25.56 64	0.81	8.52 57 (7.72)	0-25.57 72	0.91 90
Jul 2021	67.32 (25.99)	25.25-126.23	0.39	67.82 81 (25.96)	16.95 118.688.44- 144.14	0.38	101.5575 (33.53)	42.31 169-2625.44- 195.09	0.33
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	8.3 (6.83)	0-25.11	0.82	8.37 31 (7.37)	0-25.44 24.93	0.888 9	16.76 61 (13.97)	0-50.28 49.84	0.838 4
Nov 2021	173.13 (45.52)	86.92-260.75	0.26	264.48 263.75 (59.21)	154.28 385-7496.55- 440.63	0.22	309.5268 (64.48)	202.38 440-47141.73- 501.62	0.21
Dec 2021	0 (0)	0-0		0 (0)	0-0		25.4736 (15.23)	0-50.9573	0.60
Jan 2022	83.92 (35.54)	20.99-147.17	0.42	109.4652 (44.85)	39.55 208-9623.75- 232.23	0.41	125.91 34.37 (43.37)	52.2 209-8423.53- 261.92	0.34 32
Feb 2022	66.21 (34.84)	20.78-145.48	0.53	83.36 6.39 (34.15)	20.83 145-780- 141.17	0.44 51	83.3913 (34.21)	20.85 145-940- 174.64	0.41
Mar 2022	192.58 (57.88)	84.05-300.48	0.30	235.92 27.68 (68.28)	106.16 377-7468.03- 410.92	0.293 0	286.2424 (72.95)	159.01 434-62105.21- 499.19	0.25
Apr 2022	393.3 (98.26)	209.52-585.53	0.25	576.94 585.69 (118.09)	366.08 805-88297.2 5-949.33	0.20	870.55 871.49 (149.12)	604.31 1184-67511.89 -1293.98	0.17
May 2022	109.4 (22.48)	67-150.74	0.21	160.42 162.14 (34.96)	9293.87- 227-96230.4	0.22	185.39 186.6 (41.55)	109.55 269-66101.85 -279.84	0.22
Jun 2022	16.76 (9.57)	0-33.52	0.57	33.575 (15.1)	8.39 67.140- 75.42	0.45	33.5543 (15.3)	8.39 67.090- 75.31	0.46
Jul 2022	66.93 (32.56)	16.7-133.63	0.49	84.28 (37.69)	25.28 160-148.43- 185.41	0.45	202.6996 (70.16)	76.01 338-0333.78- 389.02	0.35
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	67.86 (43.87)	0-167.34	0.65	139.51 144.71 (56.31)	32.19 246.84 22.62- 266.8	0.403 9	147.9153.4 (55.59)	45.51 261-6748.16- 282.72	0.383 6
Oct 2022	260.77 (86.43)	93.68-433.26	0.33	352.88 361.24 (92.8)	186.82 550-08143.14 -596.86	0.26	462.37 470.22 (108.24)	265.37 688-64182.61 -779.1	0.23

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Nov 2022	401.56 (105.31)	217.13-618.81	0.26	535.45 56.81 (104.85)	346.2-724.43 285.01 -808.6	0.20 19	784.43 787.51 (115)	567.93-1041.42 503.0 5-1082.5	0.15
Dec 2022	49.97 (16.17)	16.66-83.28	0.32	92.47 46 (23.48)	50.28-142.45 25.39- 159.53	0.25	142.68 02 (31.44)	85.61-209.27 66.69- 236.19	0.22
Jan 2023	198.81 (50.91)	113.15-311.16	0.26	425.52 416.24 (76.19)	272.77-567.63 222.81- 630.46	0.18	618.05 608.59 (98.88)	436.9-820.52 354.35 -883.79	0.16
Feb 2023	175.78 (56.62)	78.9-298.09	0.32	208.97 209.27 (51.45)	121.9-313.46 104.85 -339.58	0.25	384.42 385.9 (88.32)	221.94-563.59 197.26 -591.78	0.23

Table 75. DBS - East & West. Abundance of Herring gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		8.3934 (8.31)	0-25.4801	0.9910
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	8.57 (8.43)	0-25.59	0.98	8.5255 (8.79)	0-25.7785	1.03	17.0515 (12.12)	0-42.6287	0.71
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	8.44 (9.19)	0-27.45	1.09	9.128.47 (9.25)	0-27.3625.41	1.0409	54.6289 (29.5)	0-118.35146.37	0.54
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.41 (8.73)	0-25.18	1.04	8.4248 (8.42)	0-25.2645	0.994	8.3943 (8.24)	0-25.483	0.98
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		16.86 (15.5)	0-50.57	0.92	16.8981 (16.84)	0-50.6742	1.00
Aug 2022	8.51 (8.3)	0-25.25	0.98	8.435 (8.2)	0-25.2851	0.9796	25.2956 (17.88)	0-67.4468.16	0.7170
Sep 2022	0 (0)	0-0		8.7248 (8.39)	0-26.4625.45	0.9699	8.75 (8.44)	0-26.425.5	0.9799
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	16.85 (11.52)	0-41.58	0.68	25.429 (14.45)	0-58.5667.32	0.5857	25.0319 (14.52)	0-58.3967.07	0.58
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	8.38 (8.4)	0-24.89	1.00	8.3443 (8.18)	0-25.0329	0.9897	8.3542 (8.33)	0-25.0625	1.00099
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 76. DBS - East & West. Abundance of Kittiwake recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	3141.18 (375.34)	2440.91-3857.51	0.12	4479.16 4458.22 (541.98)	3549.2-5588.53 092.8-6073.02	0.12	5900.35 876.44 (643.69)	4682.57-7254.26 4241.64-7727.22	0.11
Apr 2021	1135.65 (220.59)	717.36-1584.87	0.19	1876.56 1879.58 (347.81)	1239.66-2597.03 1132.23-2727.48	0.19	2232.32 238.35 (373.41)	1594.5-3071.51 1462.82-3207.83	0.17
May 2021	712.4 (104.41)	529.03-932.1	0.15	970.797 (116.64)	751.24-1190.17 67.0-1308.63	0.12	1380.7455 (117.08)	1161.84-1608.06 1077.49-1700.66	0.08
Jun 2021	145.2 (32.51)	85.29-213.22	0.22	178.89 179.08 (36.63)	110.74-247.04 85.35-281.36	0.20	630.75 629.14 (291.7)	221.61-1287.28 178.82-1367.14	0.46
Jul 2021	185.14 (41.98)	109.4-277.7	0.23	271.269 (51.72)	169.54-381.46 144.57-416.25	0.19	372.36 373.25 (56.86)	262.35-482.38 212.22-525.78	0.15
Aug 2021	58.55 (32.48)	8.34-125.03	0.55	91.84 92.22 (41.28)	16.7-183.67 8.4-201.13	0.45	175.5286 (55.85)	75.22-284.39 50.3-343.32	0.32
Sep 2021	276.57 (67.78)	151.71-421.42	0.25	465.64 63.47 (95.3)	296.29-660.52 235.6-716.82	0.2021	677.59 674.11 (131.27)	448.9-965.56 378.74-1045.29	0.19
Oct 2021	795.36 (166.94)	527.32-1163.44	0.21	1598.91 594.6 (524.45)	753.41-2695.53 618.4-7-3036.99	0.33	2262.56 2252.43 (548.48)	1306.84-3410.82 1118.05-3694.72	0.24
Nov 2021	767.03 (104.2)	585.54-1006.39	0.14	1048 1022.82 (119.53)	820.81-1277.28 708.2-5-1338.78	0.412	1438.36 1407.16 (128.63)	1192.56-1693.25 1066.35-1750.69	0.09
Dec 2021	102.14 (37.61)	34.03-178.64	0.37	110.4748 (38.41)	42.49-187.17 25.27-229.48	0.35	169.8296 (46.92)	84.91-271.74 59.47-306.03	0.28
Jan 2022	663.2 (95.5)	486.89-856.26	0.14	1060.91 1061.78 (126.55)	816.72-1313.49 724.99-1415.7	0.12	1410.14 111.03 (146.51)	1141.0333.06-1822.51-1703.87	0.10
Feb 2022	548.37 (87.09)	390.72-723.25	0.16	758.04 757.81 (97.12)	574.78-958.17 499.61-1032.89	0.13	1134.17 1133.71 (117.3)	917.34-1359.55 825.24-1458.75	0.10
Mar 2022	1392.35 (278.02)	901.9-1938.07	0.20	2392 2397.74 (377.31)	1701.88-3201.55 1460.62-3427.85	0.16	4301.62 4309 (535.13)	33163010.5-5370.74 5801.55	0.12
Apr 2022	2430.15 (591.96)	1421.07-3653.2	0.24	3662.28 3666.12 (800.62)	2332.82-5452.45 2158.18-5785.06	0.22	5273.54 5283.23 (802.3)	3900.54-6889.53 562.37-7248.81	0.15
May 2022	654.27 (110.14)	443.85-871.16	0.17	1004.73 1007.91 (115.35)	793.66-1232.91 711.58-1346.54	0.11	1314.61 316.52 (149.27)	1053.36-1626.39 936.53-1722.19	0.11
Jun 2022	335.77 (62)	217.91-452.58	0.18	520.3491 (76.89)	369.25-671.57 327.66-731.02	0.15	855.44 857.34 (130.9)	612.23-1123.81 537.86-1210.48	0.15
Jul 2022	658.6 (173.16)	342.42-1010.57	0.26	868.413 (185.77)	530.97-1239.15 429.85-1390.69	0.21	1021.91 1020.84 (184.74)	700.76-1401.94 582.15-1544.16	0.18
Aug 2022	5349.18 (2587.9)	1127.23-11480.99	0.48	6051 6066.31 (2737.69)	1736.08-12321.32 1116.63-14603.8	0.45	7368.11 7395.89 (2833.11)	2537.53-13556.19 1734.92-15962.59	0.38

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Sep 2022	533.36 (162.24)	252.75-871.77	0.30	985.23 969.9 (264.54)	514.41 1543.24 447.7 8-1611.27	0.27	1461.61 446.56 (350.88)	878.7 2492.62 751.4 8-2372.58	0.24
Oct 2022	480.74 (72.8)	336.65-605.97	0.15	1411.52 1409.86 (581)	630.14 2739.03 538.4 9-2866.87	0.41	1908.33 1904.57 (599.84)	1042.43 3279.47 915.6 -3470.99	0.31
Nov 2022	3460.4 (393.31)	2760.53-4290.78	0.11	5622.25 615.29 (676.29)	4358.67 7069.58 3963 .63-7624.75	0.12	7474.28 7465.43 (775.81)	5989.02 9085.92 5572. 81-9664.79	0.10
Dec 2022	1904.76 (233.83)	1507.44-2398.58	0.12	3175.71 3163.95 (303.52)	260523 85.92- 3788.02 4024 .55	0.10	4649.73 4613.42 (466.62)	3785.25 5640.32 3449 .15-5860.67	0.10
Jan 2023	1005.1 (216.9)	630.62-1468.9	0.22	1359.98 1361.67 (243.16)	934.47 1894.38 792.4 9-2065.17	0.18	1946.02 1949.31 (299.04)	1428.2 2580.99 1245. 45-2779.69	0.15
Feb 2023	1002.38 (163.03)	701.17-1327.82	0.16	1663.42 79 (192.82)	1303.99 204711 61.93- 2207.47	0.12	2279.66 2280.93 (218.01)	1837.09 2689.04 1695 .68-2874.28	0.10

Table 77. DBS - East & West. Abundance of Large gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		08.35 (0)	0-025.06	0.00	0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		16.8491 (17.04)	0-50.4472	1.01
Nov 2022	8.43 (8.2)	0-24.95	0.97	8.3755 (7.89)	0-25.166	0.9492	8.345 (7.96)	0-25.0351	0.9594
Dec 2022	0 (0)	0-0		08.15 (0)	0-024.44	0.00	8.3915 (8.44)	0-25.4824.45	1.0404
Jan 2023	0 (0)	0-0		08.43 (0)	0-025.29	0.00	0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 78. DBS - East & West. Abundance of Lesser black-backed gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	8.46 (8.42)	0-25.19	1.00	8.4443 (8.33)	0-25.3229	0.99	8.4243 (8.66)	0-25.2628	1.03
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		8.4844 (8.19)	0-25.4332	0.97	8.4641 (8.2)	0-25.3924	0.9798
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.3831 (7.8)	0-25.1424.92	0.9394
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	8.41 (8.26)	0-25.08	0.98	8.3638 (7.85)	0-25.6814	0.94	8.3741 (7.92)	0-25.1124	0.9594
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		8.43 (8.29)	0-25.28	0.98	8.4549 (8.22)	0-25.3446	0.97
Aug 2022	16.65 (15.93)	0-50.5	0.96	16.867 (16.3)	0-50.5711	0.9798	16.8668 (16.76)	0-50.5804	0.99100
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 79. DBS - East & West. Abundance of Little auk recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		25.1474.74 (24.76)	0- 75.41199.99	0.983 3	25.1891.14 (25.36)	0-75.548.15: 232.67	1.010.2 8
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 80. DBS - East & West. Abundance of Little gull recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		101.5931 (60.62)	8.47-228.570- 278.74	0.6	101.6431 (62.77)	0-237287.15	0.62
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 81. DBS - East & West. Abundance of Manx shearwater recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	8.38 (8.12)	0-25.06	0.97	8.43 (8.39)	0-25.28	1.00 99	8.4549 (8.77)	0-33.7895	1.0403
Aug 2022	8.33 (8.43)	0-25.25	1.01	8.4335 (8.57)	0-25.2806	1.0203	8.4334 (8.43)	0-25.2902	1.0001
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 82. DBS - East & West. Abundance of Puffin recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (8.24)	0-25.43	0.98	8.53 77.7 (8.68)	0-25.634.65- 129.15	1.02 0.1 1	8.54 (8.32)	0-25.5419	0.989 9
Apr 2021	0 (0)	0-0		0 184.92 (0)	0-0 142.9- 226.95	0.00	0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 33.18 (0)	0-0 66.37	0.00	0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 25.6 (0)	0-0 51.2	0.00	0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 236.13 (0)	0-0 143.36- 337.33	0.00	0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 93.87 (0)	0-0 34.13- 153.6	0.00	0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 16.85 (0)	0-0 33.7	0.00	0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 109.58 (0)	0-0 25.29- 202.3	0.00	0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 68.03 (0)	0-0 25.51- 110.54	0.00	0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 8.48 (0)	0-0 16.97	0.00	0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 84.41 (0)	0-0 25.32- 143.49	0.00	16.8491 (16.3)	0-50.4472	0.979 6
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 43.1 (0)	0-0 86.2	0.00	0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 16.52 (0)	0-0 33.04	0.00	0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 8.37 (0)	0-0 16.75	0.00	0 (0)	0-0	

Table 83. DBS - East & West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (0)	0-0	0	8.5377.7 (0)	0-034.65-103.94	0	8.544 (8.32)	0-25.5419	0.9899
Apr 2021	0 (0)	0-0		0184.92 (0)	0-0142.9-226.95	0	0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		033.18 (0)	0-066.37	0	0 (0)	0-0	
Sep 2021	0 (0)	0-0		025.6 (0)	0-051.2	0	0 (0)	0-0	
Oct 2021	0 (0)	0-0		0252.99 (0)	0-0153.6-361.42	0	0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		093.87 (0)	0-034.13-153.6	0	0 (0)	0-0	
Jun 2022	0 (0)	0-0		016.85 (0)	0-033.7	0	0 (0)	0-0	
Jul 2022	0 (0)	0-0		0109.58 (0)	0-025.29-202.3	0	0 (0)	0-0	
Aug 2022	0 (0)	0-0		068.03 (0)	0-025.51-110.54	0	0 (0)	0-0	
Sep 2022	0 (0)	0-0		08.48 (0)	0-016.97	0	0 (0)	0-0	
Oct 2022	0 (0)	0-0		084.41 (0)	0-025.32-143.49	0	16.8491 (16.3)	0-50.4472	0.9796
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		043.1 (0)	0-086.2	0	0 (0)	0-0	
Jan 2023	0 (0)	0-0		016.52 (0)	0-033.04	0	0 (0)	0-0	
Feb 2023	0 (0)	0-0		08.37 (0)	0-016.75	0	0 (0)	0-0	

Table 84. DBS - East & West. Abundance of Puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	8.39 (0)	0-0	0	8.53 86.36 (0)	0-038.98-116.94	0	8.544 (8.32)	0-25.5419	0.9899
Apr 2021	0 (0)	0-0		0 218.55 (0)	0-0168.88-268.22	0	0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 41.48 (0)	0-082.96	0	0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 25.6 (0)	0-051.2	0	0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 295.16 (0)	0-0179.2-421.66	0	0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 110.94 (0)	0-040.34-181.53	0	0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 16.85 (0)	0-033.7	0	0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 126.44 (0)	0-029.18-233.42	0	0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 76.53 (0)	0-028.7-124.36	0	0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 8.48 (0)	0-016.97	0	0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 101.29 (0)	0-030.39-172.19	0	16.8491 (16.3)	0-50.4472	0.9796
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 51.72 (0)	0-0103.44	0	0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 16.52 (0)	0-033.04	0	0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 8.37 (0)	0-016.75	0	0 (0)	0-0	

Table 85. DBS - East & West. Abundance of Razorbill recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	75.71 (27.73)	16.96-135.64	0.37	145.04 143.11 (62.86)	42.66-290.08 33.61-294.88	0.434 4	246.91 245.86 (56.73)	144.74-357.59 92.83-399.1	0.23
Apr 2021	8.36 (8.1)	0-25.02	0.97	8.38 41 (7.24)	0-25.4322	0.86	25.4812 (9.16)	8.39-41.96 34-50.35	0.36
May 2021	49.99 (28.61)	0-117.56	0.57	84.4443 (41.26)	16.88-168.82 9-202.58	0.49	84.4918 (25.16)	33.68 71-134.7464	0.30
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		8.3831 (5.18)	0-16.7661	0.62
Nov 2021	0 (0)	0-0		18.24 19.73 (16.29)	0-54.7259.19	0.898 3	18.24 19.66 (15.42)	0-54.6258.99	0.857 8
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.38 (5.34)	0-16.79	0.64	8.4236 (8.09)	0-25.2607	0.969 2	33.5741 (6.21)	25.18 06-41.9772	0.4819
Feb 2022	16.48 (16.66)	0-49.88	1.01	16.6653 (14.42)	0-49.986	0.87	33.36 (15.08)	8.34-66.72 39-74.92	0.45
Mar 2022	16.52 (16.41)	0-50.12	0.99	42.13 41.94 (27.1)	0-101.1100.67	0.646 5	109.43 108.87 (60.96)	0-235.71234.48	0.56
Apr 2022	159.24 (83.11)	33.44-351.09	0.52	158.87 159.03 (75.92)	25.08-317.73 0-385.02	0.48	200.92 201.33 (78.57)	66.76-368.31 33.48-411.15	0.39
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.32)	0-26.15	0.98	122.06 121.7 (62.37)	17.44-252.85 8.48-305.72	0.51	121.848 (45.12)	26.12 08.85-251.46	0.37
Oct 2022	648.1 (223.81)	294.57-1170.08	0.35	1251.89 1249.26 (380.54)	554.53-2033.48 326.18-2365.25	0.30	1698.16 1693.71 (277.14)	1143.32-2244.81 946.13-2433.42	0.16
Nov 2022	134.37 (51.69)	41.58-241.15	0.38	175.69 178.91 (62.13)	66.72-317.92 51.33-348.89	0.35	250.25 253.21 (66.62)	133.26-383.72 93.23-429.87	0.2726
Dec 2022	82.4 (29.97)	33.31-141.58	0.36	100.55 99.66 (34.4)	41.9-175.96 24.91-199.32	0.3435	117.51 116.09 (33.43)	50.36-176.46 33.1-207.72	0.282 9
Jan 2023	32.86 (19.81)	0-74.68	0.60	33.3704 (15.59)	8.3426-66.7509	0.47	33.4416 (17.45)	0-66.8233	0.5253
Feb 2023	133.85 (53.67)	41.75-250.49	0.40	142.427 (47.74)	58.3-250.77 41.87-276.29	0.34	167.0453 (50.11)	50.42-309.75 15-275.56	0.30

Table 86. DBS - East & West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	100.89 (36.98)	22.61-180.85	0.37	179.17 185.13 (77.65)	52.7 358.33 44.12- 378.91	0.434 2	298 304.87 (68.46)	174.69 431.58 118.42- 491.6	0.2322
Apr 2021	8.36 (8.1)	0-25.02	0.97	8.3 8.41 (7.24)	0-25.4322	0.86	33.5746 (12.21)	11.19 55.95 12.51- 62.86	0.36
May 2021	66.66 (38.15)	0-156.75	0.57	101.29 92.88 (49.51)	20.26 202.58 19.72- 219.48	0.495 3	101.03 92.59 (30.2)	40.41 161.65 33.71- 151.46	0.303 3
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		16.7661 (10.36)	0-33.5223	0.62
Nov 2021	0 (0)	0-0		18.24 19.73 (16.29)	0-54.7259.19	0.898 3	18.24 19.66 (15.42)	0-54.6258.99	0.857 8
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.38 (5.34)	0-16.79	0.64	8.4236 (8.09)	0-25.2607	0.969 7	33.41-97 (7.76)	31.48 52.46 25.06- 41.77	0.4823
Feb 2022	49.43 (41.65)	0-124.7	0.84	41.65 49.6 (36.04)	0- 124.95 148.79	0.8773	83.3913 (37.69)	20.85 166.79 8.39- 224.22	0.45
Mar 2022	24.78 (24.61)	0-75.18	0.99	58.98 67.11 (37.94)	0- 141.54 161.06	0.645 7	143.11 142.36 (79.71)	0- 308.23 306.6 3	0.56
Apr 2022	159.24 (87.49)	35.2-369.57	0.55	175.59 167.41 (83.91)	27.72 351.18 0- 405.37	0.485 0	209.2774 (81.85)	69.54 383.66 34.47- 428.97	0.39
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	16.96 (16.63)	0-52.29	0.98	148.22 138.67 (75.73)	21.17 307.03 10.6- 341.78	0.5155	156.61 146.98 (58.02)	33.56 268.46 11.69- 305.64	0.3739
Oct 2022	910.02 (311)	409.34- 1625.95	0.34	1529.15 1518.81 (464.83)	677.34 2483.84 361.1 2-2927.92	0.3031	1983.99 1972 (323.78)	1335.76 2622.65 1046. 82-2900.19	0.16
Nov 2022	176.05 (71.08)	57.17-331.58	0.40	225.89 212.76 (79.88)	85.79 408.76 59.43- 417.98	0.353 8	333.67 336.96 (88.83)	177.68 511.63 119.95- 578.25	0.2726
Dec 2022	82.4 (29.97)	33.31-141.58	0.36	108.93 107.81 (37.27)	45.39 190.63 26.95- 215.61	0.3435	134.29 132.39 (38.21)	57.55 201.67 37.99- 235.44	0.282 9
Jan 2023	41.07 (19.81)	0-74.68	0.48	41.72 49.57 (19.49)	10.43 83.43 12.39- 99.13	0.473 9	41.76 49.75 (21.81)	0-83.5299.49	0.524 4

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Feb 2023	133.85 (53.67)	41.75-250.49	0.40	150. 4665 (50.54)	64.73 265.5244.86 290.66	0.34	175. 3693 (52.62)	53.7894 289.34 324.31	0.30

Table 87. DBS - East & West. Abundance of Razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	100.89 (36.98)	22.61-180.85	0.37	179.17 185.13 (77.65)	52.7-358.33 44.12- 378.91	0.434 2	298.30 4.87 (68.46)	174.69-431.58 118.42- 491.6	0.2322
Apr 2021	8.36 (8.1)	0-25.02	0.97	8.38 41 (7.24)	0-25.1322	0.86	33.5746 (12.21)	11.19-55.95 12.51- 62.86	0.36
May 2021	66.66 (38.15)	0-156.75	0.57	101.29 92.88 (49.51)	20.26-202.58 19.72- 219.48	0.495 3	101.03 92.59 (30.2)	40.41-161.65 33.71- 151.46	0.303 3
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		16.7661 (10.36)	0-33.5223	0.62
Nov 2021	0 (0)	0-0		18.24 19.73 (16.29)	0-54.7259.19	0.898 3	18.24 19.66 (15.42)	0-54.6258.99	0.857 8
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	8.38 (5.34)	0-16.79	0.64	8.42 36 (8.09)	0-25.2607	0.969 7	33.4197 (7.76)	31.48-52.46 25.06- 41.77	0.1823
Feb 2022	49.43 (41.65)	0-124.7	0.84	41.65 49.6 (36.04)	0- 124.95148.79	0.8773	83.3913 (37.69)	20.85-166.79 8.39- 224.22	0.45
Mar 2022	24.78 (24.61)	0-75.18	0.99	58.98 67.11 (37.94)	0- 141.54161.06	0.645 7	143.11 42.36 (79.71)	0- 308.23306.6 3	0.56
Apr 2022	159.24 (87.49)	35.2-369.57	0.55	175.59 167.41 (83.91)	27.72-351.18 0- 405.37	0.485 0	209.2774 (81.85)	69.54-383.66 34.47- 428.97	0.39
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	16.96 (16.63)	0-52.29	0.98	148.22 138.67 (75.73)	21.17-307.03 10.6- 341.78	0.5455	156.61 46.98 (58.02)	33.56-268.46 11.69- 305.64	0.3739
Oct 2022	910.02 (311)	409.34-1625.95	0.34	1529.45 1518.81 (464.83)	677.34-2483.84 361.1 2-2927.92	0.3031	1983.99 1972 (323.78)	1335.76-2622.65 1046. 82-2900.19	0.16
Nov 2022	176.05 (71.08)	57.17-331.58	0.40	225.89 212.76 (79.88)	85.79-408.76 59.43- 417.98	0.353 8	333.67 336.96 (88.83)	177.68-511.63 119.95- 578.25	0.2726
Dec 2022	82.4 (29.97)	33.31-141.58	0.36	108.93 107.81 (37.27)	45.39-190.63 26.95- 215.61	0.3435	134.29 132.39 (38.21)	57.55-201.67 37.99- 235.44	0.282 9

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Jan 2023	41.07 (19.81)	0-74.68	0.48	41.72 49.57 (19.49)	40.43 83.43 12.39- 99.13	0.473 9	41.76 49.75 (21.81)	0- 83.52 99.49	0.524 4
Feb 2023	133.85 (53.67)	41.75-250.49	0.40	150.46 65 (50.54)	61.73 265.52 44.86- 290.66	0.34	175.36 93 (52.62)	53.78 -91- 289.34 - 324.31	0.30

Table 88. DBS - East & West. Abundance of Red-throated diver recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 89. DBS - East & West. Abundance of Skua species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	16.87 (16.31)	0-50.22	0.97	16.7487 (16.67)	0-50.236	1.099	16.7691 (17.06)	0-50.2872	1.0201
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2022	8.48 (8.06)	0-26.15	0.95	34.8833.94 (20.97)	0-78.6976.57	0.662	34.8 (20.35)	0-78.376.49	0.5860
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 90. DBS - East & West. Abundance of Small gull species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	8.35 (8.34)	0-25.29	1.00	8.474 (9.02)	0-25.644	1.07	8.4739 (8.32)	0-25.4116	0.9899
Oct 2021	0 (0)	0-0		8.3731 (8.43)	0-25.4424.93	1.01	25.4424.92 (14.34)	0-58.6615	0.5758
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	33.78 (16.87)	8.35-66.82	0.50	42.4331 (18.76)	8.4346-84.2562	0.4544	42.0932 (19.13)	8.4246-84.1863	0.45
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.83 (11.46)	0-42.08	0.68	16.86 (11.93)	0-42.1450.57	0.71	25.292 (14.4)	0-59.0467.26	0.57
Sep 2022	8.48 (8.67)	0-26.15	1.02	26.1625.45 (19.65)	0-69.7567.87	0.7577	26.425.5 (18.59)	0-69.667.99	0.7473
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		41.8342.03 (21.24)	8.3783.660-109.35	0.51	58.3989 (26.59)	8.34116.790-134.46	0.4645
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	

Table 91. DBS - East & West. Abundance of Tern species recorded in flight, S.D. and 95% confidence intervals and co-efficient of variation, in the Array Area, Array Area and 2km buffer and Array Area and 4km buffer.

Month	Abundance								
	Array Area			Array Area & 2km buffer			Array Area and 4km buffer		
	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV	Estimate (S.D.)	95% c.i.	CV
Mar 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Sep 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2021	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Mar 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Apr 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
May 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jun 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jul 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Aug 2022	16.83 (11.66)	0-42.08	0.69	25.2836 (13.84)	0-58.9967.78	0.55	25.2938 (14.48)	0-59.0467.62	0.57
Sep 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Oct 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Nov 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Dec 2022	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Jan 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	
Feb 2023	0 (0)	0-0		0 (0)	0-0		0 (0)	0-0	