



**RWE Renewables UK Dogger Bank
South (West) Limited**

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South (East) Limited**

Dogger Bank South Offshore Wind Farms

Preliminary Environmental Information Report

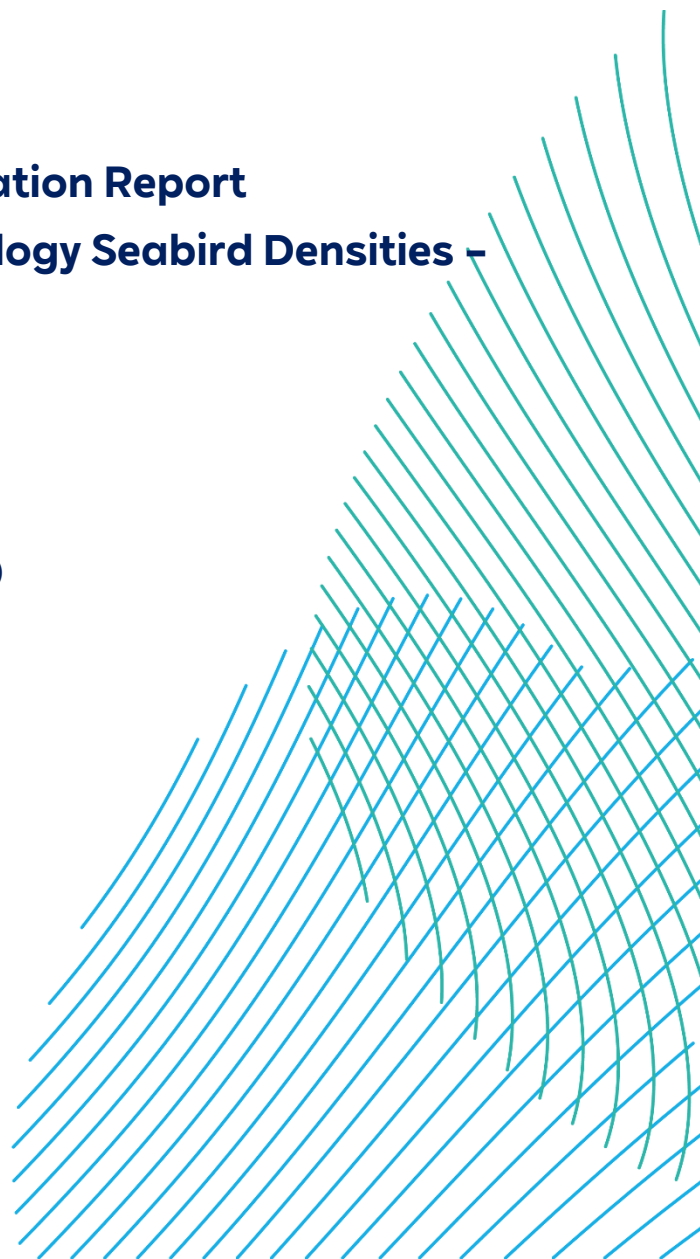
**Appendix 12-3 – Offshore Ornithology Seabird Densities –
Monthly**

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MacArthur
Green

Dogger Bank South Offshore Windfarm

Ornithology Technical Appendix 12.3 Seabird densities by month

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MacArthur Green is helping to combat the climate crisis through working within a carbon negative business model. Read more at www.macarthurgreen.com.



1 INTRODUCTION

This appendix provides tables of seabird density in each calendar month for each species recorded during baseline surveys for the Dogger Bank South Offshore Windfarm. These have been derived from the 12 surveyed months for which data were available for this PEIR (March 2021 – February 2022).

Monthly densities (birds/km²) 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.

Table 1. Dogger Bank South - East. Monthly density (birds per square km) of Arctic skua recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0.01 (0.01)	0-0.03
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.04
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 2. Dogger Bank South - East. Monthly density (birds per square km) of Arctic tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.04 (0.04)	0-0.11	0.03 (0.03)	0-0.08	0.02 (0.02)	0-0.06
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 3. Dogger Bank South - East. Monthly density (birds per square km) of Black-backed gull species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.18 (0.17)	0-0.53	0.12 (0.12)	0-0.37	0.09 (0.09)	0-0.28
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 4. Dogger Bank South - East. Monthly density (birds per square km) of Commic tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.05 (0.04)	0-0.14	0.04 (0.03)	0-0.1	0.03 (0.02)	0-0.08
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 5. Dogger Bank South - East. Monthly density (birds per square km) of Common gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0.03 (0.03)	0-0.1	0.04 (0.03)	0-0.1	0.03 (0.02)	0-0.08
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 6. Dogger Bank South - East. Monthly density (birds per square km) of Common scoter recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0.03 (0.03)	0-0.1	0.02 (0.02)	0-0.07	0.02 (0.02)	0-0.06
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 7. Dogger Bank South - East. Monthly density (birds per square km) of Fulmar recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.12 (0.05)	0.03-0.21	0.15 (0.05)	0.06-0.24	0.11 (0.03)	0.05-0.18
Feb	0.11 (0.04)	0.04-0.19	0.07 (0.03)	0.02-0.14	0.09 (0.03)	0.05-0.15
Mar	0 (0)	0-0	0 (0)	0-0	0.02 (0.01)	0-0.04
Apr	0.02 (0.01)	0-0.04	0.05 (0.02)	0.01-0.09	0.08 (0.03)	0.03-0.15
May	0.04 (0.02)	0-0.07	0.04 (0.01)	0.01-0.06	0.06 (0.02)	0.02-0.09
Jun	0.07 (0.02)	0.04-0.11	0.07 (0.03)	0.02-0.12	0.07 (0.03)	0.03-0.12
Jul	0.02 (0.01)	0-0.05	0.03 (0.01)	0-0.05	0.02 (0.01)	0-0.04
Aug	0.07 (0.02)	0.03-0.12	0.07 (0.02)	0.04-0.12	0.13 (0.04)	0.06-0.2
Sep	0.34 (0.08)	0.19-0.49	0.35 (0.08)	0.21-0.51	0.36 (0.07)	0.22-0.49
Oct	0.07 (0.02)	0.03-0.1	0.05 (0.02)	0.01-0.09	0.04 (0.02)	0.01-0.06
Nov	0.31 (0.07)	0.19-0.45	0.31 (0.05)	0.22-0.4	0.31 (0.05)	0.22-0.39
Dec	0.02 (0.01)	0-0.06	0.01 (0.01)	0-0.04	0.03 (0.02)	0-0.07

Table 8. Dogger Bank South - East. Monthly density (birds per square km) of Gannet recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0.02 (0.02)	0-0.07	0.03 (0.02)	0-0.06
Mar	1.44 (0.31)	0.88-2.07	1.23 (0.19)	0.88-1.64	1.08 (0.16)	0.77-1.4
Apr	0.65 (0.11)	0.44-0.88	0.61 (0.08)	0.46-0.75	0.56 (0.06)	0.44-0.7
May	0.33 (0.08)	0.19-0.49	0.4 (0.08)	0.26-0.55	0.41 (0.07)	0.27-0.55
Jun	0.07 (0.03)	0.02-0.12	0.06 (0.02)	0.02-0.11	0.08 (0.03)	0.04-0.14
Jul	0.09 (0.03)	0.04-0.14	0.1 (0.04)	0.04-0.19	0.09 (0.03)	0.04-0.16
Aug	0.17 (0.05)	0.09-0.28	0.17 (0.04)	0.09-0.26	0.16 (0.04)	0.08-0.23
Sep	0.53 (0.09)	0.35-0.71	0.45 (0.07)	0.32-0.6	0.49 (0.06)	0.37-0.59
Oct	0.92 (0.14)	0.66-1.21	1.08 (0.13)	0.84-1.33	1.2 (0.12)	0.98-1.42
Nov	0.23 (0.06)	0.12-0.35	0.26 (0.06)	0.15-0.38	0.35 (0.07)	0.23-0.5
Dec	0.02 (0.02)	0-0.06	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03

Table 9. Dogger Bank South - East. Monthly density (birds per square km) of Great black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.19 (0.07)	0.07-0.33	0.19 (0.06)	0.08-0.31	0.24 (0.07)	0.12-0.37
Feb	0.02 (0.02)	0-0.05	0.02 (0.02)	0-0.06	0.04 (0.02)	0.01-0.07
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0.01 (0.01)	0-0.03
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.11 (0.1)	0-0.32	0.07 (0.07)	0-0.22	0.07 (0.06)	0-0.22
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0.03 (0.02)	0-0.09	0.02 (0.02)	0-0.06	0.04 (0.02)	0.01-0.08
Dec	0.02 (0.02)	0-0.06	0.01 (0.01)	0-0.04	0.03 (0.02)	0-0.07

Table 10. Dogger Bank South - East. Monthly density (birds per square km) of Great skua recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 11. Dogger Bank South - East. Monthly density (birds per square km) of Guillemot recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.79 (0.14)	0.53-1.05	1.56 (0.29)	1.08-2.18	1.93 (0.27)	1.43-2.5
Feb	4.03 (0.63)	2.96-5.34	3.78 (0.38)	3.07-4.56	4.18 (0.32)	3.6-4.84
Mar	11.05 (1.39)	8.26-13.84	10.27 (0.95)	8.3-12.1	14.15 (1.75)	10.65-17.73
Apr	4.96 (0.73)	3.57-6.51	7.62 (2.04)	4.51-12.16	9.38 (1.71)	6.75-13.14
May	0.6 (0.15)	0.33-0.89	0.51 (0.11)	0.31-0.72	0.53 (0.08)	0.39-0.68
Jun	0.28 (0.09)	0.12-0.46	0.37 (0.07)	0.24-0.51	0.55 (0.11)	0.34-0.78
Jul	6.52 (0.64)	5.32-7.84	6.52 (0.59)	5.43-7.74	7.44 (0.7)	6.19-8.97
Aug	3.36 (0.73)	1.97-4.8	3.56 (0.62)	2.53-4.81	3.99 (0.57)	2.95-5.18
Sep	3.43 (0.55)	2.35-4.49	5.17 (0.53)	4.24-6.18	5.79 (0.76)	4.38-7.27
Oct	1.01 (0.14)	0.73-1.28	1.3 (0.16)	1.01-1.64	1.86 (0.37)	1.25-2.65
Nov	14.2 (1.33)	11.57-16.76	13.47 (0.79)	11.9-15.01	13.87 (0.71)	12.47-15.31
Dec	1.88 (0.26)	1.36-2.36	1.8 (0.21)	1.41-2.23	2.34 (0.32)	1.78-3

Table 12. Dogger Bank South - East. Monthly density (birds per square km) of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	1.6 (0.27)	1.08-2.12	2.96 (0.55)	2.05-4.14	3.77 (0.52)	2.79-4.86
Feb	8.93 (1.39)	6.56-11.85	8.38 (0.84)	6.82-10.11	8.9 (0.68)	7.66-10.3
Mar	18.2 (2.3)	13.6-22.8	17.24 (1.59)	13.93-20.3	22.4 (2.76)	16.86-28.07
Apr	7.77 (1.15)	5.61-10.21	11.86 (3.17)	7.02-18.92	15.06 (2.75)	10.84-21.11
May	0.67 (0.17)	0.37-1	0.59 (0.13)	0.36-0.84	0.61 (0.09)	0.45-0.79
Jun	0.37 (0.11)	0.16-0.6	0.43 (0.08)	0.27-0.59	0.64 (0.13)	0.4-0.91
Jul	6.83 (0.67)	5.56-8.2	6.81 (0.62)	5.67-8.08	7.75 (0.72)	6.44-9.33
Aug	4.8 (1.05)	2.82-6.85	5.15 (0.89)	3.65-6.96	5.83 (0.84)	4.32-7.57
Sep	4.17 (0.67)	2.86-5.46	6.23 (0.64)	5.11-7.44	6.86 (0.9)	5.18-8.61
Oct	1.56 (0.22)	1.13-1.99	1.97 (0.24)	1.52-2.47	2.75 (0.55)	1.85-3.91
Nov	19.94 (1.87)	16.25-23.53	19.99 (1.17)	17.66-22.27	20.6 (1.06)	18.52-22.73
Dec	4.37 (0.6)	3.17-5.48	4.27 (0.51)	3.34-5.29	5.52 (0.76)	4.21-7.08

Table 13. Dogger Bank South - East. Monthly density (birds per square km) 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, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	2.03 (0.35)	1.37-2.69	3.84 (0.72)	2.65-5.35	4.89 (0.68)	3.63-6.32
Feb	11.68 (1.82)	8.59-15.49	10.97 (1.1)	8.92-13.24	11.66 (0.89)	10.03-13.49
Mar	23.31 (2.94)	17.42-29.2	22.11 (2.04)	17.87-26.03	28.92 (3.57)	21.77-36.25
Apr	10.11 (1.5)	7.29-13.28	15.46 (4.13)	9.16-24.67	19.62 (3.58)	14.12-27.51
May	0.86 (0.22)	0.48-1.29	0.76 (0.16)	0.46-1.07	0.79 (0.12)	0.58-1.02
Jun	0.49 (0.15)	0.21-0.8	0.57 (0.11)	0.36-0.78	0.83 (0.17)	0.52-1.19
Jul	8.92 (0.88)	7.27-10.71	8.9 (0.81)	7.42-10.57	10.14 (0.95)	8.44-12.22
Aug	6.29 (1.38)	3.69-8.98	6.76 (1.17)	4.79-9.12	7.65 (1.1)	5.66-9.92
Sep	5.46 (0.88)	3.74-7.15	8.16 (0.84)	6.7-9.76	9 (1.18)	6.8-11.3
Oct	2.05 (0.29)	1.48-2.61	2.57 (0.31)	1.99-3.23	3.59 (0.71)	2.41-5.11
Nov	26.08 (2.45)	21.25-30.78	26.12 (1.52)	23.08-29.1	26.94 (1.38)	24.22-29.73
Dec	5.73 (0.78)	4.16-7.19	5.6 (0.67)	4.38-6.94	7.23 (1)	5.51-9.28

Table 14. Dogger Bank South - East. Monthly density (birds per square km) of Herring gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.05 (0.03)	0-0.12	0.05 (0.02)	0.01-0.1	0.04 (0.02)	0.01-0.08
Apr	0 (0)	0-0	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.28 (0.29)	0-0.84	0.2 (0.2)	0-0.59	0.16 (0.14)	0-0.46
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.03 (0.02)	0-0.08
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 15. Dogger Bank South - East. Monthly density (birds per square km) of Kittiwake recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	2.01 (0.39)	1.27-2.73	2.35 (0.3)	1.77-2.92	2.4 (0.24)	1.94-2.85
Feb	0.91 (0.18)	0.6-1.3	0.9 (0.12)	0.69-1.15	1.02 (0.13)	0.79-1.28
Mar	24.01 (3.14)	18.06-30.27	20.45 (2.29)	15.81-24.92	17.2 (1.82)	13.87-20.88
Apr	3.56 (1.01)	1.88-5.73	3.67 (0.84)	2.32-5.61	3.6 (0.64)	2.47-5.1
May	1.67 (0.28)	1.16-2.24	1.5 (0.23)	1.07-1.97	1.6 (0.2)	1.22-2
Jun	0.53 (0.29)	0.09-1.12	0.42 (0.23)	0.1-0.93	0.44 (0.17)	0.17-0.81
Jul	0.12 (0.04)	0.05-0.21	0.14 (0.04)	0.06-0.23	0.95 (0.71)	0.11-2.5
Aug	0.5 (0.32)	0.03-1.23	0.52 (0.32)	0.06-1.23	0.46 (0.24)	0.1-1.01
Sep	1.4 (0.45)	0.64-2.32	1.36 (0.35)	0.8-2.08	1.42 (0.26)	0.96-1.95
Oct	1.11 (0.22)	0.71-1.56	2.29 (0.87)	0.9-4.25	2.38 (0.75)	1.16-3.99
Nov	1.65 (0.24)	1.2-2.16	1.49 (0.21)	1.13-1.89	1.51 (0.17)	1.22-1.86
Dec	0.39 (0.11)	0.18-0.61	0.31 (0.08)	0.17-0.5	0.32 (0.07)	0.19-0.47

Table 16. Dogger Bank South - East. Monthly density (birds per square km) of Large gull species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0.01 (0.01)	0-0.03
Jun	0.07 (0.07)	0-0.21	0.05 (0.05)	0-0.15	0.04 (0.04)	0-0.11
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 17. Dogger Bank South - East. Monthly density (birds per square km) of Lesser black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Jun	0.18 (0.18)	0-0.53	0.12 (0.12)	0-0.37	0.09 (0.09)	0-0.28
Jul	0 (0)	0-0	0.01 (0.01)	0-0.04	0.02 (0.01)	0-0.05
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0.01 (0.01)	0-0.03
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 18. Dogger Bank South - East. Monthly density (birds per square km) of Little gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0.35 (0.25)	0.01-0.91	0.32 (0.21)	0.04-0.79
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 19. Dogger Bank South - East. Monthly density (birds per square km) of Puffin recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.18 (0.07)	0.05-0.32	0.14 (0.05)	0.05-0.24	0.15 (0.02)	0.1-0.19
Apr	0.11 (0.05)	0.02-0.2	0.1 (0.04)	0.04-0.17	0.18 (0.03)	0.12-0.23
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.07 (0.06)	0-0.21	0.05 (0.05)	0-0.15	0.04 (0.02)	0-0.08
Aug	0 (0)	0-0	0 (0)	0-0	0.02 (0.01)	0-0.04
Sep	0.02 (0.02)	0-0.05	0.02 (0.02)	0-0.06	0.03 (0.01)	0.01-0.05
Oct	0.57 (0.14)	0.33-0.87	0.49 (0.11)	0.3-0.71	0.46 (0.07)	0.32-0.61
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 20. Dogger Bank South - East. Monthly density (birds per square km) of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.18 (0.07)	0.05-0.32	0.14 (0.05)	0.05-0.24	0.15 (0.02)	0.1-0.19
Apr	0.11 (0.05)	0.02-0.2	0.1 (0.04)	0.04-0.17	0.18 (0.03)	0.12-0.23
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.07 (0.06)	0-0.21	0.05 (0.05)	0-0.15	0.04 (0.02)	0-0.08
Aug	0 (0)	0-0	0 (0)	0-0	0.02 (0.01)	0-0.04
Sep	0.02 (0.02)	0-0.05	0.02 (0.02)	0-0.06	0.03 (0.01)	0.01-0.05
Oct	0.68 (0.16)	0.39-1.03	0.57 (0.12)	0.34-0.82	0.53 (0.08)	0.37-0.7
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 21. Dogger Bank South - East. Monthly density (birds per square km) 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, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.19 (0.07)	0.06-0.35	0.16 (0.05)	0.06-0.28	0.17 (0.02)	0.12-0.21
Apr	0.12 (0.05)	0.02-0.23	0.11 (0.04)	0.04-0.2	0.21 (0.03)	0.14-0.27
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.09 (0.08)	0-0.27	0.06 (0.06)	0-0.19	0.05 (0.03)	0-0.09
Aug	0 (0)	0-0	0 (0)	0-0	0.02 (0.01)	0-0.04
Sep	0.02 (0.02)	0-0.05	0.02 (0.02)	0-0.06	0.03 (0.01)	0.01-0.05
Oct	0.78 (0.19)	0.45-1.18	0.66 (0.15)	0.4-0.96	0.61 (0.1)	0.43-0.81
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 22. Dogger Bank South - East. Monthly density (birds per square km) of Razorbill recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.69 (0.16)	0.38-1	1.06 (0.29)	0.59-1.68	1.06 (0.23)	0.65-1.55
Feb	0.61 (0.14)	0.33-0.88	0.52 (0.1)	0.32-0.74	0.48 (0.09)	0.32-0.67
Mar	6.27 (0.95)	4.37-8.04	5.79 (0.61)	4.6-7.05	5.18 (0.51)	4.22-6.18
Apr	0.6 (0.16)	0.3-0.92	1.12 (0.38)	0.5-1.97	1.67 (0.41)	0.95-2.49
May	0.51 (0.11)	0.3-0.72	0.41 (0.09)	0.24-0.59	0.38 (0.09)	0.21-0.56
Jun	0.02 (0.01)	0-0.05	0.05 (0.03)	0-0.1	0.06 (0.02)	0.01-0.1
Jul	0.04 (0.02)	0-0.07	0.05 (0.02)	0.01-0.1	0.04 (0.02)	0-0.09
Aug	0.36 (0.08)	0.21-0.52	0.49 (0.09)	0.33-0.68	0.42 (0.1)	0.25-0.64
Sep	0.53 (0.14)	0.28-0.8	0.46 (0.12)	0.24-0.67	0.43 (0.09)	0.26-0.63
Oct	0.09 (0.04)	0.02-0.16	0.52 (0.22)	0.09-0.91	0.56 (0.24)	0.16-1.08
Nov	3.62 (0.34)	2.96-4.26	3.12 (0.3)	2.56-3.74	3.01 (0.26)	2.51-3.53
Dec	0.09 (0.04)	0.04-0.17	0.29 (0.1)	0.12-0.48	0.27 (0.08)	0.12-0.44

Table 23. Dogger Bank South - East. Monthly density (birds per square km) of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	1.39 (0.32)	0.77-2.02	2.02 (0.55)	1.13-3.19	2.07 (0.45)	1.27-3.02
Feb	1.37 (0.31)	0.74-1.95	1.15 (0.23)	0.71-1.65	1.02 (0.19)	0.68-1.41
Mar	10.33 (1.57)	7.2-13.25	9.7 (1.03)	7.71-11.82	8.2 (0.81)	6.69-9.79
Apr	0.94 (0.25)	0.47-1.43	1.75 (0.59)	0.78-3.06	2.68 (0.66)	1.53-3.99
May	0.56 (0.12)	0.33-0.79	0.46 (0.1)	0.26-0.67	0.44 (0.1)	0.25-0.65
Jun	0.02 (0.01)	0-0.05	0.06 (0.03)	0-0.12	0.06 (0.03)	0.01-0.12
Jul	0.04 (0.02)	0-0.07	0.05 (0.02)	0.01-0.1	0.04 (0.02)	0-0.09
Aug	0.52 (0.11)	0.3-0.74	0.72 (0.13)	0.48-0.98	0.61 (0.15)	0.37-0.94
Sep	0.64 (0.17)	0.34-0.95	0.56 (0.14)	0.29-0.82	0.52 (0.11)	0.31-0.75
Oct	0.14 (0.06)	0.03-0.25	0.78 (0.32)	0.13-1.37	0.82 (0.35)	0.23-1.61
Nov	5.1 (0.48)	4.17-6.01	4.62 (0.44)	3.79-5.54	4.48 (0.39)	3.74-5.24
Dec	0.2 (0.08)	0.08-0.37	0.69 (0.24)	0.28-1.16	0.64 (0.19)	0.28-1.03

Table 24. Dogger Bank South - East. Monthly density (birds per square km) 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, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	1.68 (0.39)	0.93-2.44	2.43 (0.66)	1.35-3.84	2.49 (0.54)	1.53-3.63
Feb	1.65 (0.38)	0.89-2.35	1.4 (0.28)	0.87-2	1.22 (0.23)	0.82-1.69
Mar	12.37 (1.87)	8.62-15.86	11.64 (1.24)	9.24-14.18	9.85 (0.97)	8.03-11.76
Apr	1.13 (0.3)	0.57-1.73	2.11 (0.71)	0.94-3.7	3.24 (0.8)	1.85-4.82
May	0.67 (0.14)	0.39-0.94	0.55 (0.12)	0.31-0.79	0.53 (0.12)	0.3-0.77
Jun	0.02 (0.01)	0-0.05	0.07 (0.04)	0-0.15	0.07 (0.03)	0.01-0.14
Jul	0.04 (0.02)	0-0.07	0.06 (0.03)	0.02-0.13	0.05 (0.03)	0-0.11
Aug	0.62 (0.14)	0.36-0.89	0.86 (0.16)	0.58-1.19	0.74 (0.18)	0.44-1.14
Sep	0.78 (0.2)	0.41-1.17	0.67 (0.17)	0.35-0.98	0.63 (0.14)	0.38-0.91
Oct	0.17 (0.08)	0.03-0.31	0.94 (0.39)	0.16-1.65	0.99 (0.43)	0.28-1.93
Nov	6.18 (0.58)	5.05-7.28	5.59 (0.54)	4.58-6.7	5.42 (0.47)	4.53-6.35
Dec	0.24 (0.1)	0.09-0.43	0.84 (0.28)	0.34-1.41	0.78 (0.23)	0.33-1.25

Table 25. Dogger Bank South - East. Monthly density (birds per square km) of Small gull species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0.1 (0.11)	0-0.31	0.07 (0.07)	0-0.22	0.06 (0.06)	0-0.17
Sep	0.07 (0.04)	0-0.16	0.05 (0.03)	0-0.11	0.04 (0.02)	0-0.09
Oct	0 (0)	0-0	0.02 (0.02)	0-0.06	0.05 (0.02)	0.01-0.09
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0.02 (0.02)	0-0.06	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03

Table 26. Dogger Bank South - West. Monthly density (birds per square km) of Arctic tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.02 (0.02)	0-0.06	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 27. Dogger Bank South - West. Monthly density (birds per square km) of Commic tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.33 (0.27)	0-0.94	0.26 (0.19)	0.01-0.67	0.2 (0.15)	0.01-0.52
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 28. Dogger Bank South - West. Monthly density (birds per square km) of Common gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 29. Dogger Bank South - West. Monthly density (birds per square km) of Common tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 30. Dogger Bank South - West. Monthly density (birds per square km) of Fulmar recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.12 (0.05)	0.02-0.23	0.09 (0.04)	0.01-0.17	0.06 (0.03)	0.02-0.12
Feb	0.11 (0.04)	0.05-0.19	0.13 (0.04)	0.05-0.23	0.1 (0.03)	0.05-0.16
Mar	0.13 (0.06)	0.03-0.25	0.11 (0.04)	0.04-0.21	0.08 (0.03)	0.03-0.15
Apr	0.33 (0.29)	0-1.11	0.24 (0.21)	0-0.68	0.2 (0.15)	0.01-0.53
May	0.15 (0.06)	0.05-0.28	0.15 (0.05)	0.06-0.24	0.15 (0.04)	0.07-0.24
Jun	0.12 (0.05)	0.03-0.23	0.11 (0.05)	0.04-0.22	0.08 (0.03)	0.03-0.16
Jul	0.02 (0.02)	0-0.06	0.03 (0.02)	0-0.07	0.03 (0.02)	0-0.07
Aug	0.36 (0.08)	0.21-0.53	0.42 (0.09)	0.26-0.6	0.38 (0.07)	0.25-0.52
Sep	0.13 (0.04)	0.05-0.23	0.16 (0.05)	0.07-0.26	0.17 (0.04)	0.1-0.26
Oct	0.07 (0.03)	0.02-0.13	0.07 (0.03)	0.02-0.15	0.3 (0.2)	0.05-0.77
Nov	0.26 (0.07)	0.13-0.41	0.35 (0.1)	0.18-0.57	0.38 (0.08)	0.25-0.56
Dec	0.03 (0.03)	0-0.1	0.02 (0.03)	0-0.1	0.02 (0.02)	0-0.06

Table 31. Dogger Bank South - West. Monthly density (birds per square km) of Gannet recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0.02 (0.02)	0-0.05	0.02 (0.01)	0-0.04
Mar	0.28 (0.07)	0.15-0.42	0.3 (0.05)	0.2-0.4	0.36 (0.06)	0.23-0.48
Apr	0.98 (0.18)	0.65-1.36	0.92 (0.13)	0.67-1.15	0.77 (0.09)	0.6-0.93
May	0.97 (0.2)	0.63-1.4	0.94 (0.16)	0.64-1.26	0.9 (0.14)	0.62-1.16
Jun	0.08 (0.03)	0.03-0.13	0.12 (0.03)	0.07-0.17	0.11 (0.03)	0.06-0.16
Jul	0.17 (0.07)	0.06-0.31	0.13 (0.05)	0.03-0.23	0.11 (0.04)	0.03-0.18
Aug	0.66 (0.1)	0.48-0.86	0.66 (0.08)	0.49-0.82	0.55 (0.07)	0.42-0.68
Sep	0.45 (0.06)	0.34-0.58	0.5 (0.05)	0.41-0.58	0.55 (0.05)	0.46-0.64
Oct	0.61 (0.11)	0.4-0.82	0.57 (0.09)	0.41-0.74	0.58 (0.07)	0.45-0.7
Nov	0.51 (0.13)	0.25-0.77	0.43 (0.07)	0.29-0.57	0.36 (0.06)	0.24-0.48
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 32. Dogger Bank South - West. Monthly density (birds per square km) of Great black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.08 (0.04)	0.02-0.17	0.12 (0.05)	0.04-0.23	0.14 (0.05)	0.06-0.24
Feb	0.03 (0.02)	0-0.08	0.05 (0.02)	0.01-0.1	0.07 (0.02)	0.03-0.13
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0.01 (0.01)	0-0.03
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.03 (0.03)	0-0.1	0.02 (0.02)	0-0.07	0.02 (0.02)	0-0.07
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Nov	0.05 (0.03)	0-0.12	0.04 (0.02)	0-0.09	0.03 (0.02)	0-0.06
Dec	0.07 (0.07)	0-0.27	0.06 (0.05)	0-0.18	0.05 (0.04)	0-0.13

Table 33. Dogger Bank South - West. Monthly density (birds per square km) of Great northern diver recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.02 (0.02)	0-0.07	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 34. Dogger Bank South - West. Monthly density (birds per square km) of Great skua recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Oct	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Nov	0.03 (0.02)	0-0.08	0.02 (0.02)	0-0.06	0.02 (0.01)	0-0.05
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 35. Dogger Bank South - West. Monthly density (birds per square km) of Guillemot recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	1.73 (0.28)	1.19-2.22	2.28 (0.24)	1.84-2.76	2.23 (0.2)	1.86-2.62
Feb	2.58 (0.23)	2.15-3.07	2.57 (0.2)	2.17-2.96	3.06 (0.18)	2.71-3.41
Mar	11.37 (2.22)	7.11-15.65	13.57 (2.18)	9.55-17.93	13.31 (1.55)	10.13-16.35
Apr	9.14 (1.06)	7.14-11.2	8.87 (0.7)	7.45-10.18	7.98 (0.63)	6.79-9.19
May	1.76 (0.29)	1.19-2.29	2.01 (0.23)	1.57-2.46	2.01 (0.18)	1.65-2.36
Jun	1.91 (0.31)	1.31-2.51	2.11 (0.24)	1.62-2.58	1.96 (0.22)	1.54-2.4
Jul	11.08 (0.8)	9.52-12.64	10 (0.52)	8.85-10.96	9.72 (0.49)	8.81-10.66
Aug	3.71 (0.48)	2.75-4.65	3.82 (0.34)	3.17-4.47	4.8 (0.35)	4.15-5.48
Sep	2.22 (0.41)	1.44-3.02	2.1 (0.25)	1.63-2.6	3.74 (0.42)	2.85-4.59
Oct	1.58 (0.18)	1.24-1.93	1.66 (0.14)	1.4-1.93	1.73 (0.13)	1.49-1.99
Nov	6.22 (0.58)	5.15-7.41	6.55 (0.43)	5.75-7.38	6.51 (0.37)	5.78-7.26
Dec	1.72 (0.41)	0.96-2.5	1.52 (0.24)	1.05-1.99	1.4 (0.19)	1.01-1.78

Table 36. Dogger Bank South - West. Monthly density (birds per square km) of Guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	4.15 (0.66)	2.85-5.34	5 (0.53)	4.03-6.05	4.9 (0.43)	4.09-5.76
Feb	5.6 (0.5)	4.66-6.65	5.27 (0.41)	4.46-6.08	6 (0.35)	5.31-6.69
Mar	17.73 (3.46)	11.08-24.4	20.64 (3.32)	14.53-27.28	20.31 (2.37)	15.46-24.95
Apr	16.15 (1.87)	12.63-19.8	15.31 (1.2)	12.86-17.56	13.62 (1.08)	11.59-15.68
May	2.04 (0.33)	1.38-2.65	2.31 (0.27)	1.81-2.84	2.31 (0.21)	1.89-2.71
Jun	2.04 (0.34)	1.4-2.68	2.24 (0.25)	1.71-2.73	2.07 (0.23)	1.63-2.54
Jul	11.58 (0.84)	9.95-13.21	10.41 (0.54)	9.21-11.41	10.15 (0.51)	9.19-11.13
Aug	4.52 (0.59)	3.35-5.66	4.67 (0.42)	3.87-5.46	6.01 (0.43)	5.19-6.86
Sep	2.7 (0.5)	1.75-3.66	2.71 (0.32)	2.1-3.35	4.51 (0.51)	3.45-5.54
Oct	2.59 (0.29)	2.02-3.15	2.66 (0.22)	2.24-3.09	2.78 (0.2)	2.39-3.2
Nov	9.28 (0.86)	7.69-11.05	9.64 (0.63)	8.46-10.86	9.42 (0.54)	8.37-10.52
Dec	4.11 (0.97)	2.29-5.97	3.59 (0.56)	2.49-4.69	3.5 (0.47)	2.53-4.48

Table 37. Dogger Bank South - West. Monthly density (birds per square km) 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, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	5.4 (0.86)	3.7-6.95	6.51 (0.7)	5.25-7.87	6.35 (0.56)	5.3-7.46
Feb	7.32 (0.65)	6.09-8.69	6.89 (0.54)	5.84-7.95	7.86 (0.46)	6.95-8.76
Mar	22.89 (4.47)	14.31-31.51	26.67 (4.29)	18.78-35.25	26.28 (3.07)	20-32.28
Apr	21.14 (2.45)	16.53-25.91	20.01 (1.57)	16.81-22.96	17.8 (1.41)	15.15-20.5
May	2.65 (0.43)	1.79-3.45	2.99 (0.34)	2.33-3.66	2.99 (0.27)	2.46-3.51
Jun	2.67 (0.44)	1.84-3.51	2.93 (0.33)	2.24-3.58	2.71 (0.3)	2.13-3.33
Jul	15.16 (1.1)	13.03-17.29	13.61 (0.71)	12.05-14.93	13.28 (0.66)	12.03-14.57
Aug	5.92 (0.77)	4.39-7.42	6.12 (0.55)	5.07-7.16	7.88 (0.57)	6.81-8.99
Sep	3.54 (0.66)	2.3-4.81	3.55 (0.42)	2.75-4.39	5.92 (0.67)	4.52-7.26
Oct	3.39 (0.38)	2.65-4.14	3.48 (0.29)	2.94-4.06	3.65 (0.27)	3.14-4.19
Nov	12.1 (1.12)	10.02-14.4	12.58 (0.83)	11.04-14.18	12.3 (0.7)	10.93-13.73
Dec	5.39 (1.27)	3-7.82	4.71 (0.74)	3.27-6.15	4.59 (0.62)	3.32-5.87

Table 38. Dogger Bank South - West. Monthly density (birds per square km) of Herring gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0.01 (0.01)	0-0.03
Apr	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.02 (0.01)	0-0.05
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0.03 (0.02)	0-0.07
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 39. Dogger Bank South - West. Monthly density (birds per square km) of Kittiwake recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	1.73 (0.31)	1.15-2.29	1.87 (0.26)	1.36-2.42	1.89 (0.2)	1.49-2.28
Feb	1.01 (0.18)	0.69-1.36	1.02 (0.13)	0.76-1.27	1.23 (0.12)	1-1.46
Mar	5.92 (1.09)	3.88-8.11	5.3 (0.81)	3.74-6.83	6.43 (0.64)	5.19-7.67
Apr	4.89 (0.59)	3.84-6.12	4.92 (0.51)	3.96-5.92	4.37 (0.51)	3.45-5.37
May	2.87 (0.31)	2.27-3.46	2.85 (0.26)	2.38-3.38	2.66 (0.18)	2.34-3.02
Jun	0.88 (0.21)	0.48-1.31	1.11 (0.24)	0.7-1.59	1.14 (0.19)	0.76-1.52
Jul	0.67 (0.15)	0.37-0.98	0.61 (0.13)	0.35-0.87	0.54 (0.08)	0.38-0.72
Aug	0.25 (0.14)	0.03-0.48	0.21 (0.1)	0.05-0.37	0.26 (0.07)	0.13-0.39
Sep	0.44 (0.15)	0.16-0.71	0.43 (0.13)	0.19-0.67	0.55 (0.09)	0.36-0.72
Oct	1.09 (0.27)	0.59-1.61	0.99 (0.2)	0.61-1.36	0.87 (0.14)	0.57-1.14
Nov	1.02 (0.19)	0.66-1.4	0.85 (0.12)	0.61-1.07	0.82 (0.09)	0.65-1
Dec	0.22 (0.12)	0-0.43	0.16 (0.09)	0.01-0.32	0.18 (0.05)	0.07-0.3

Table 40. Dogger Bank South - West. Monthly density (birds per square km) of Large gull species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.02 (0.01)	0-0.05
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 41. Dogger Bank South - West. Monthly density (birds per square km) of Lesser black-backed gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0.02 (0.02)	0-0.07	0.02 (0.02)	0-0.06
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 42. Dogger Bank South - West. Monthly density (birds per square km) of Little auk recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0.03 (0.03)	0-0.1	0.05 (0.03)	0-0.12	0.05 (0.03)	0-0.11

Table 43. Dogger Bank South - West. Monthly density (birds per square km) of Little gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0.05 (0.05)	0-0.15	0.04 (0.04)	0-0.11
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 44. Dogger Bank South - West. Monthly density (birds per square km) of Puffin recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.15 (0.05)	0.05-0.23	0.18 (0.03)	0.11-0.24	0.21 (0.02)	0.16-0.25
Apr	0.34 (0.05)	0.25-0.44	0.33 (0.03)	0.27-0.4	0.28 (0.03)	0.23-0.34
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.02 (0.01)	0-0.04	0.01 (0.01)	0-0.03	0.05 (0.02)	0.01-0.1
Aug	0.05 (0.03)	0-0.1	0.05 (0.03)	0-0.1	0.04 (0.01)	0.02-0.06
Sep	0.05 (0.02)	0-0.1	0.04 (0.03)	0-0.07	0.05 (0.01)	0.02-0.07
Oct	0.38 (0.09)	0.2-0.54	0.41 (0.07)	0.27-0.54	0.43 (0.05)	0.34-0.52
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 45. Dogger Bank South - West. Monthly density (birds per square km) of Puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.15 (0.05)	0.05-0.23	0.18 (0.03)	0.11-0.24	0.21 (0.02)	0.16-0.25
Apr	0.34 (0.05)	0.25-0.44	0.33 (0.03)	0.27-0.4	0.28 (0.03)	0.23-0.34
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.02 (0.01)	0-0.04	0.01 (0.01)	0-0.03	0.05 (0.02)	0.01-0.1
Aug	0.05 (0.03)	0-0.1	0.05 (0.03)	0-0.1	0.04 (0.01)	0.02-0.06
Sep	0.05 (0.02)	0-0.1	0.04 (0.03)	0-0.07	0.05 (0.01)	0.02-0.07
Oct	0.4 (0.09)	0.21-0.57	0.43 (0.07)	0.29-0.58	0.45 (0.05)	0.36-0.54
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 46. Dogger Bank South - West. Monthly density (birds per square km) 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, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0.17 (0.05)	0.06-0.26	0.2 (0.04)	0.13-0.27	0.24 (0.03)	0.19-0.3
Apr	0.39 (0.06)	0.28-0.5	0.38 (0.04)	0.31-0.46	0.33 (0.03)	0.27-0.39
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.02 (0.01)	0-0.04	0.01 (0.01)	0-0.03	0.06 (0.02)	0.01-0.12
Aug	0.05 (0.03)	0-0.1	0.06 (0.03)	0-0.12	0.05 (0.01)	0.02-0.07
Sep	0.05 (0.02)	0-0.1	0.04 (0.03)	0-0.07	0.05 (0.02)	0.02-0.09
Oct	0.46 (0.11)	0.24-0.66	0.51 (0.09)	0.34-0.68	0.53 (0.06)	0.41-0.63
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 47. Dogger Bank South - West. Monthly density (birds per square km) of Razorbill recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0.97 (0.2)	0.58-1.35	1.26 (0.21)	0.83-1.68	1.34 (0.2)	0.95-1.71
Feb	0.4 (0.1)	0.21-0.59	0.38 (0.05)	0.27-0.48	0.6 (0.21)	0.23-0.95
Mar	1.25 (0.21)	0.85-1.66	1.39 (0.13)	1.14-1.64	1.68 (0.17)	1.37-2.01
Apr	2.98 (0.5)	1.99-3.91	2.77 (0.3)	2.16-3.32	2.25 (0.25)	1.76-2.71
May	0.73 (0.15)	0.43-1.01	0.67 (0.12)	0.44-0.89	0.7 (0.1)	0.51-0.89
Jun	0.03 (0.02)	0-0.07	0.04 (0.02)	0-0.07	0.05 (0.02)	0.01-0.08
Jul	0.1 (0.04)	0.02-0.17	0.07 (0.03)	0.01-0.13	0.06 (0.02)	0.01-0.11
Aug	0.2 (0.09)	0.03-0.35	0.23 (0.1)	0.05-0.41	0.32 (0.07)	0.2-0.45
Sep	0.15 (0.04)	0.06-0.23	0.16 (0.03)	0.1-0.22	0.26 (0.06)	0.14-0.37
Oct	0.38 (0.1)	0.2-0.56	0.54 (0.11)	0.35-0.75	0.5 (0.1)	0.3-0.69
Nov	0.35 (0.09)	0.16-0.51	0.31 (0.07)	0.17-0.43	0.32 (0.06)	0.2-0.43
Dec	1.08 (0.28)	0.55-1.62	0.92 (0.19)	0.56-1.32	0.76 (0.17)	0.43-1.08

Table 48. Dogger Bank South - West. Monthly density (birds per square km) of Razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	2.32 (0.49)	1.38-3.23	2.77 (0.47)	1.83-3.69	2.95 (0.43)	2.1-3.76
Feb	0.87 (0.21)	0.45-1.28	0.79 (0.11)	0.57-0.99	1.17 (0.41)	0.44-1.87
Mar	1.96 (0.33)	1.33-2.58	2.11 (0.19)	1.73-2.49	2.57 (0.25)	2.1-3.07
Apr	5.26 (0.88)	3.53-6.91	4.79 (0.51)	3.73-5.74	3.84 (0.42)	3-4.62
May	0.84 (0.18)	0.5-1.17	0.77 (0.14)	0.51-1.02	0.8 (0.11)	0.58-1.01
Jun	0.03 (0.02)	0-0.07	0.04 (0.02)	0-0.07	0.05 (0.02)	0.01-0.08
Jul	0.1 (0.04)	0.02-0.17	0.07 (0.03)	0.01-0.13	0.06 (0.02)	0.01-0.11
Aug	0.23 (0.1)	0.04-0.4	0.28 (0.12)	0.06-0.49	0.39 (0.08)	0.25-0.55
Sep	0.18 (0.05)	0.08-0.28	0.21 (0.04)	0.13-0.29	0.3 (0.07)	0.16-0.44
Oct	0.63 (0.16)	0.33-0.93	0.88 (0.17)	0.56-1.22	0.8 (0.16)	0.49-1.12
Nov	0.51 (0.13)	0.24-0.75	0.44 (0.09)	0.25-0.62	0.46 (0.09)	0.29-0.61
Dec	2.59 (0.68)	1.31-3.9	2.18 (0.46)	1.34-3.14	1.91 (0.42)	1.1-2.73

Table 49. Dogger Bank South - West. Monthly density (birds per square km) 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, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	2.82 (0.59)	1.67-3.92	3.36 (0.57)	2.22-4.47	3.57 (0.52)	2.54-4.55
Feb	1.03 (0.25)	0.53-1.52	0.94 (0.13)	0.68-1.18	1.42 (0.5)	0.54-2.25
Mar	2.36 (0.39)	1.6-3.11	2.55 (0.23)	2.09-3.01	3.08 (0.3)	2.51-3.67
Apr	6.38 (1.06)	4.27-8.37	5.79 (0.62)	4.51-6.94	4.65 (0.51)	3.63-5.59
May	0.99 (0.21)	0.58-1.37	0.92 (0.16)	0.6-1.22	0.96 (0.13)	0.69-1.21
Jun	0.03 (0.02)	0-0.07	0.05 (0.02)	0-0.1	0.06 (0.02)	0.01-0.1
Jul	0.12 (0.05)	0.02-0.21	0.09 (0.03)	0.02-0.15	0.07 (0.03)	0.01-0.12
Aug	0.28 (0.13)	0.05-0.49	0.34 (0.14)	0.07-0.6	0.48 (0.1)	0.3-0.67
Sep	0.21 (0.06)	0.09-0.33	0.26 (0.05)	0.16-0.35	0.36 (0.09)	0.2-0.53
Oct	0.76 (0.19)	0.4-1.12	1.06 (0.21)	0.68-1.47	0.97 (0.2)	0.59-1.35
Nov	0.63 (0.16)	0.3-0.92	0.52 (0.11)	0.29-0.73	0.55 (0.1)	0.34-0.74
Dec	3.13 (0.82)	1.59-4.72	2.65 (0.56)	1.62-3.81	2.32 (0.51)	1.33-3.31

Table 50. Dogger Bank South - West. Monthly density (birds per square km) of Red-throated diver recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 51. Dogger Bank South - West. Monthly density (birds per square km) of Skua species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0.03 (0.03)	0-0.1	0.02 (0.02)	0-0.07	0.02 (0.02)	0-0.06
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 52. Dogger Bank South - West. Monthly density (birds per square km) of Small gull species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0.01 (0.01)	0-0.04	0.03 (0.02)	0-0.07
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 53. Dogger Bank South - East & West. Monthly density (birds per square km) of Arctic skua recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0.01)	0-0.01
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0.01 (0.01)	0-0.03	0.01 (0.01)	0-0.03	0.01 (0)	0-0.02
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 54. Dogger Bank South - East & West. Monthly density (birds per square km) of Arctic tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.03 (0.02)	0-0.07	0.02 (0.01)	0-0.06	0.02 (0.01)	0-0.04
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 55. Dogger Bank South - East & West. Monthly density (birds per square km) of Black-backed gull species recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0.09 (0.09)	0-0.26	0.06 (0.06)	0-0.19	0.05 (0.05)	0-0.15
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 56. Dogger Bank South - East & West. Monthly density (birds per square km) of Commic tern recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0.19 (0.13)	0.02-0.49	0.14 (0.09)	0.02-0.36	0.12 (0.08)	0.02-0.32
Aug	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 57. Dogger Bank South - East & West. Monthly density (birds per square km) of Common gull recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0.01 (0.01)	0-0.03	0.01 (0.01)	0-0.02	0 (0)	0-0.01
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0.02 (0.02)	0-0.05	0.03 (0.02)	0-0.06	0.02 (0.01)	0-0.05
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0

Table 58. Dogger Bank South - East & West. Monthly density (birds per square km) of Common scoter recorded in flight and on the sea, S.D. and 95% confidence intervals, in the wind farm, wind farm and 2km buffer and wind farm and 4km buffer.

Month	Density					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.	Estimate (S.D.)	95% c.i.
Jan	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Feb	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Mar	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Apr	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
May	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jun	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Jul	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Aug	0.02 (0.02)	0-0.05	0.01 (0.01)	0-0.04	0.01 (0.01)	0-0.03
Sep	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Oct	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Nov	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0
Dec	0 (0)	0-0	0 (0)	0-0	0 (0)	0-0