

Family	Common name	Scientific name	Demographic parameter	Age class	Age (years)	Mean	Standard deviation	0.025 confidence interval	0.975 confidence interval	Standard error	Study area	Region	Country	Number of years in study	Data collection method (MR - mark-recapture; RR - ring-recovery; Joint - ring-recovery and mark-recapture)	Estimation method (VR - variable recapture; CR - constant recapture)	Study Period	Reference (all references are listed in the main report)	Cited by
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	survival	adult		0.913	0.022			0.012	Isle of May	SE Scotland	UK	3	MR	VR	1989-1992	Wanless et al 1996	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	survival	adult		0.882	0.059				Skomer	Wales	UK	32	MR	VR	1978-2010	Taylor et al 2010	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	survival	adult		0.893	0.118				Skomer	Wales	UK		MR	CR		Poole et al 1998	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	survival	adult		0.885	0.022				National average		UK	35				Wanless et al 1996; Taylor et al 2010	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	survival	juvenile	0-1	0.820					Skomer; Skokholm; Grassholm	Wales	UK	2	RR	CR	1968-1969	Harris 1970	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.720	0.221			0.070	Bardsey	Wales	UK	10			1986-2005	Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.790	0.354				Isle of May	SE Scotland	UK	11	MR		1983-1994	Wanless et al 1996	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.880	0.289			0.070	Isle of May	SE Scotland	UK	17			1986-2005	Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.800	0.566			0.400	North hill	Orkney	UK	2			1986-2005	Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.170	0.066			0.020	Skokholm	Wales	UK	11			1986-2005	Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.270	0.165			0.040	Skomer	Wales	UK	17			1986-2005	Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.000	0.000			0.000	Ynys Gwylan Fawr	Wales	UK	1			1986-2005	Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	productivity			0.530	0.325				National average		UK					Mavor et al 2008	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	incidences of non-breeding			0.370	0.042				Isle of May	SE Scotland	UK	2			1993-1994	Calladine and Harris 1997	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	incidences of non-breeding			0.270					Tarn Brook Fell	NW England	UK	1			1993	O'Connell et al 1997	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	dispersal	juvenile (natal)		0.470					Farne Islands	NE England	UK					Coulson 1991	
Gulls	Lesser black-backed gull	<i>Larus fuscus</i>	age of recruitment			5.000	2.121				Skomer; Skokholm; Grassholm	Wales	UK	2			1968-1969	Harris 1970	

To assess **quality**, the estimate is scored on the number of years considered by the study, the number of individuals included per year and whether an estimation of the range or error is available with the estimation. To assess **representation**, the estimate is scored on whether the data reflects a UK-based study, includes recent data (<10 years old), and whether the trajectory of the study colony reflects the current UK population trend. Consequently, this scoring system assesses representation at the national scale. Each criterion receives a 0 for “no”, 1 for “partially or unknown and therefore requiring further evaluation”, and 2 for “yes”, scoring quality and representation individually out of 6. Where an estimate combines several studies that conflict on specific criteria, a 1 was awarded to signify partial characterisation. Notation: A - adult, J - juvenile, S - stable, Mixed - mixed, I - increasing, D - decreasing, U - unknown.

Data Quality

Species	Age	Current UK pop. trend	Survival				Productivity				Age of recruitment				Missed breeding				Dispersal			
			>5 years	>30 Individual yr ⁻¹	Range of values available	Total	>5 years	>30 Individual yr ⁻¹	Range of values available	Total	>5 years	>30 Individual yr ⁻¹	Range of values available	Total	>5 years	>30 Individual yr ⁻¹	Range of values available	Total	>5 years	>30 Individual yr ⁻¹	Range of values available	Total
Lesser black-backed gull	A	D	2	2	2	6	2	2	2	6	0	2	2	4	0	2	2	4	-	-	-	-
	J	D	0	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2

Data Representation

Species	Age	Current UK pop. trend	Survival				Productivity				Age of recruitment				Missed breeding				Dispersal			
			UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total
Lesser black-backed gull	A	D	2	1	1	4	2	0	1	3	2	0	0	2	2	0	0	2	-	-	-	-
	J	D	2	0	0	2	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	2