

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
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	survival	adult		0.971	0.005				Eynhallow	Orkney	UK	16	MR	VR	1958-1974	Dunnet and Ollason 1978a	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	survival	adult		0.936	0.055				Eynhallow	Orkney	UK	34	MR	VR	1962-1995	Grosbois and Thompson 2005	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	survival	adult		0.969					Semidi Islands	Alaska	US	5	MR		1976-1981	Hatch 1987	
Procellariidae	Southern fulmar	<i>Fulmarus glacialisoides</i>	survival	Immature	0-8	0.260	0.150				Ile des Petrels	Pointe Geologie Archipelago	Antarctica	29	MR	VR	1963-1992	Jenouvrier et al 2003	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.599					Semidi Islands	Alaska	US	6			1976-1981	Hatch 1990	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.414	0.138				Eynhallow	Orkney	UK	47			1958-2005	Lewis et al 2009	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.740	0.112				Ailsa Craig	SW Scotland	UK	14			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.740	0.112				Bardsey	Wales	UK	14			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.320	0.017				Burraoe	Shetland	UK	3			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.400	0.089				Canna	NW Scotland	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.460	0.150				Coquet Island	NE England	UK	9			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.470	0.124				Costa Head	Orkney	UK	17			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.160	0.139				Easter Ross	N Scotland	UK	12			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.420	0.089				Eshaness	Shetland	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.120	0.085				Eynhallow	Orkney	UK	2			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.440	0.089				Fair Isle	Shetland	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.540	0.089				Farne Islands	NE England	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.390	0.000				Foula	Shetland	UK	1			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.350	0.174				Glen Maye	NW England/Isle of Man	UK	19			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.400	0.124				Gultak	Orkney	UK	17			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.460	0.124				Handa	NW Scotland	UK	17			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.410	0.124				Hermaness	Shetland	UK	17			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.400	0.089				Isle of May	SE Scotland	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.230	0.000				Marsden Cliffs	NE England	UK	1			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.400	0.124				Mull Head	Orkney	UK	17			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.230	0.170				North Ronaldsay	Orkney	UK	8			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.400	0.108				Noss	Shetland	UK	13			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.450	0.133				Old Man, Hoy	Orkney	UK	11			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.480	0.190				Papa Westray	Orkney	UK	10			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.340	0.246				Peel Headlands	NW England/Isle of Man	UK	5			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.520	0.150				Rousay	Orkney	UK	14			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.460	0.124				Skomer	Wales	UK	17			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.327	0.131				Skomer	Wales	UK	7			2007-2013	Büche et al 2013	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.280	0.072				St. Kilda	NW Scotland	UK	13			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.450	0.089				Sumburgh Head	Shetland	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.310	0.218				Tantallon	SE Scotland	UK	19			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.390	0.089				Troswick Ness	Shetland	UK	20			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.220	0.210				Wilkhaven	N Scotland	UK	9			1986-2005	Mavor et al 2008	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.346	0.101				Isle of May	SE Scotland	UK	13			1997-2010	Newell et al 2010	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.426	0.087				Fair Isle	Shetland	UK	18			1993-2010	Shaw et al 2010	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	productivity			0.419	0.127				National average		UK	445				Mavor et al 2008; Lewis et al 2009; Newell et al 2010; Shaw et al 2010; Büche et al 2013	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	dispersal	juvenile (natal)		0.915	0.035				Eynhallow	Orkney	UK	28			1950-1977	Dunnet et al 1979	
Procellariidae	Northern fulmar	<i>Fulmarus glacialis</i>	age of recruitment			9.200	2.078			0.400	Eynhallow	Orkney	UK	16			1950-1966	Ollason and Dunnet 1978	

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
Northern fulmar	A	D	2	2	2	6	2	2	2	6	2	0	2	4	-	-	-	-	-	-	-	-
	J	D	2	2	2	6	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	5

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
Northern fulmar	A	D	2	0	1	3	2	1	1	4	2	0	1	3	-	-	-	-	-	-	-	-
	J	D	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0	1	3