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More information on the seabirds of Britain and Ireland can be accessed via
<http://www.jncc.defra.gov.uk/page-1530>.

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Table 1 Numbers of breeding Black-legged Kittiwakes (AON) in Britain and Ireland 1969–2002.

<i>Administrative area or country</i>	<i>Operation Seafarer (1969–70)</i>	<i>SCR Census (1985–88)⁴</i>	<i>Seabird 2000 (1998–2002)</i>	<i>Percentage change since Seafarer</i>	<i>Percentage change since SCR</i>	<i>Annual percentage change since SCR</i>
Shetland	43,475	53,571	16,732	–62%	–69%	–8.3%
Orkney	107,177	72,217	57,668	–46%	–20%	–1.6%
<i>North coast Caithness</i>		<i>7,278</i>	<i>5,694</i>		<i>–22%</i>	<i>–1.8%</i>
<i>East coast Caithness</i>		<i>39,282</i>	<i>43,839</i>		<i>12%</i>	<i>0.8%</i>
Caithness total	54,771	46,560	49,533	–10%	6%	0.5%
<i>Northwest coast Sutherland</i>		<i>24,791</i>	<i>21,775</i>		<i>–12%</i>	<i>–1.0%</i>
Sutherland total	16,234	24,791	21,775	34%	–12%	–1.0%
<i>West coast Ross & Cromarty</i>			<i>195</i>			
<i>East coast Ross & Cromarty</i>		<i>329</i>	<i>749</i>		<i>128%</i>	<i>5.6%</i>
Ross & Cromarty total	400	329	944	136%	187%	7.3%
Moray	600	249	488	–19%	96%	5.1%
Banff & Buchan	21,677	27,391	30,599	41%	12%	0.7%
Gordon	6,701	6,284	3,560	–47%	–43%	–3.7%
City of Aberdeen		1,502	1,695		13%	0.9%
Kincardine & Deeside	37,932	45,099	34,501	–9%	–23%	–2.0%
Angus	1,713	1,410	2,926	71%	108%	5.8%
North East Fife	3,282	6,765	3,639	11%	–46%	–4.3%
Kirkcaldy		483	349		–28%	–2.7%
Dunfermline			116			
East Lothian	2,820	4,413	3,349	19%	–24%	–2.1%
Berwickshire	9,951	21,977	18,739	88%	–15%	–1.2%
Stewartry	27	76	7	–74%	–91%	–15.6%
Wigtown	672	400	374	–44%	–7%	–0.5%
Kyle & Carrick	7,742	3,063	1,675	–78%	–45%	–4.2%
Argyll & Bute	3,983	7,509	8,976	125%	20%	1.4%
Lochaber	1,299	3,287	2,107	62%	–36%	–3.4%
Skye & Lochalsh	883	2,074	1,309	48%	–37%	–3.5%
Western Isles–Comhairle nan eilean	24,758	29,975	21,152	–15%	–29%	–2.9%
Scotland Total	346,097	359,425	282,213	–18%	–21%	–1.8%
Northumberland	2,935	6,638	8,621	194%	30%	2.0%
Tyne & Wear	3,559	4,074	2,628	–26%	–35%	–2.9%
Durham	10			–100%		
Cleveland	1,809	12,725	7,101	293%	–44%	–4.0%
North Yorkshire	4,276	7,451	8,616	101%	16%	1.0%
Humberside	30,797	83,694	41,971	36%	–50%	–5.0%
Norfolk	3			–100%		
Suffolk	32	93	369	1053%	297%	10.3%
Kent	50	2,450	1,229	2358%	–50%	–4.5%
East Sussex		972	1,002		3%	0.3%
Isle of Wight	8			–100%		
Dorset	262	375	115	–56%	–69%	–8.3%
Channel Islands	12	34	3	–75%	–91%	–17.6%
Cornwall	839	3,429	1,853	121%	–46%	–4.3%
Isles of Scilly	1,400	1,210	281	–80%	–77%	–11.5%
Devon	2,228	1,713	1,204	–46%	–30%	–2.6%
Lancashire			22 ¹			
Cumbria	1,468	995	1,269	–14%	28%	1.9%
Isle of Man	908	1376	1,045	15%	–24%	–2.1%
England, Isle of Man and Channel Islands Total	50,596	127,229	77,329	53%	–39%	–3.6%
West Glamorgan	560	335	225	–60%	–33%	–2.7%
Dyfed	3,078	4,177	3,188	4%	–24%	–1.9%
Gwynedd	3253	4259	3,880	19%	–9%	–0.7%
Wales Total	6,891	8,771	7,293	6%	–17%	–1.3%

<i>Administrative area or country</i>	<i>Operation Seafarer (1969–70)</i>	<i>SCR Census (1985–88)⁴</i>	<i>Seabird 2000 (1998–2002)</i>	<i>Percentage change since Seafarer</i>	<i>Percentage change since SCR</i>	<i>Annual percentage change since SCR</i>
Great Britain, Isle of Man and Channel Islands Total	403,584	495,425	366,835	–9%	–26%	–2.2%
Co. Londonderry			498			
Co. Antrim	4,750	9,980	12,109	155%	21%	1.4%
Co. Down	3	60	453	15000%	655%	16.0%
Co. Dublin	3,853	5,400	7,049	83%	31%	2.2%
Co. Wicklow	21	1,575	1,832	8624%	16%	1.2%
Co. Wexford	3,759	2,912	2,125	–43%	–27%	–2.5%
Co. Waterford	3,417	3,876	2,557	–25%	–34%	–3.4%
Co. Cork	3,025	2,794	1,320	–56%	–53%	–4.6%
Co. Kerry	5,041	2,397	2,455	–51%	2%	0.2%
Co. Clare	4,380	5,003	7,958	82%	59%	4.0%
Co. Galway ³	820		817	0%		
Co. Mayo	3,454	2,777	4,258	23%	53%	3.4%
Co. Sligo ²	1,000	678				
Co. Donegal	10,860	6,768	5,729	–47%	–15%	–1.4%
All-Ireland Total	44,383	44,220	49,160	11%	11%	1.0%
Britain and Ireland Total	447,967	539,645	415,995	–7%	–23%	–2.3%

Notes

¹ Morecambe Bay gas platform

² Aughris Head not counted in Seabird 2000

³ Inishmore, Aran Isles not counted in 1985–88 (552 AON in 1990)

⁴ The figures for the SCR are actual counts and do not include adjustments to totals made in order to account for unsurveyed colonies (see Lloyd *et al.*, 1991)

Table 2 Changes in the number of breeding Black-legged Kittiwakes (AON) at major colonies in Britain and Ireland between the SCR Census (1985–88) and Seabird 2000 (1999–2002). Major colonies are those that contained the top 50% of the national populations of either Britain or Ireland during the SCR Census. Numbers correspond to colony symbols in Fig. 2.

<i>ID</i>	<i>Colony</i>	<i>SCR Census (1985–88)</i>	<i>Seabird 2000 (1998–2002)</i>	<i>Percentage change since SCR</i>	<i>Annual percentage change since SCR</i>	<i>Percentage of population in Britain or Ireland 1998–2002</i>	
1	Bempton Cliffs (incl. N. Flamborough Head)		85,095	42,659	−50%	−5.2%	11.6%
2	West Westray (SSSI)		31,085	34,864	12%	1.0%	9.5%
3	Fowlsheugh (SSSI)		22,051	19,842	−10%	−0.8%	5.4%
4	St Abb's Head to Fast Castle Head (SSSI)		20,132	16,223	−19%	−1.6%	4.4%
5	Fair Isle		19,072	8,204	−57%	−5.5%	2.2%
6	Berriedale Cliffs (SSSI)		13,847	24,427	76%	4.5%	6.7%
7	Handa		10,732	7,013	−35%	−3.5%	1.9%
8	Copinsay		9,550	4,364	−54%	−5.9%	1.2%
9	Noss		9,438	2,395	−75%	−8.2%	0.7%
10	Clo Mor		9,020	9,475	5%	0.4%	2.6%
11	Isle of May		6,765	3,639	−46%	−4.3%	1.0%
12	Lion's Head		6,653	5,431	−18%	−1.3%	1.5%
13	Farne Islands		5,915	5,096	−14%	−1.1%	1.4%
14	Turturra Heughs		5,674	3,098	−45%	−4.5%	0.8%
15	Colonsay: NW Cliffs		5,646	6,485	15%	1.0%	1.8%
16	Marwick Head (SSSI)		5,509	5,573	1%	0.1%	1.5%
17	Berneray		5,114	2,613	−49%	−5.0%	0.7%
18	Rathlin Island		6,822	9,917	45%	2.7%	20.2%
19	Cliffs of Moher		4,313	7,698	78%	5.0%	15.7%
20	Horn Head		4,256	3,854	−9%	−0.8%	7.8%
21	Lambay Island		3,005	4,091	36%	2.6%	8.3%
22	Great Saltee		2,908	2,125	−27%	−2.2%	4.3%
23	Old Head of Kinsale		2,059	1,188	−42%	−3.4%	2.4%

Table 3 International context.

Country or region	Subspecies	Number of pairs		Year	Source		
		Min	Max				
Great Britain, Isle of Man and Channel Isles	<i>tridactyla</i>	370,000	370,000	1999–2002	Seabird 2000		
All Ireland	<i>tridactyla</i>	49,000	49,000	1998–2002	Seabird 2000		
Denmark	<i>tridactyla</i>	625	625	1993–96	BirdLife International/EBCC 2000		
Faeroe Islands	<i>tridactyla</i>	230,000	230,000	1995	BirdLife International/EBCC 2000		
France	<i>tridactyla</i>	4,690	4,690	1997–2001	Cadiou <i>et al.</i> (in press)		
Germany	<i>tridactyla</i>	6,500	6,500	1996	BirdLife International/EBCC 2000		
Iceland	<i>tridactyla</i>	600,000	800,000	1990	BirdLife International/EBCC 2000		
Norway	<i>tridactyla</i>	500,000	700,000	1990	BirdLife International/EBCC 2000		
Norway (Svalbard and Bear Island)	<i>tridactyla</i>	270,000	270,000		Mehlum & Bakken (1994)		
Portugal	<i>tridactyla</i>	3	10		BirdLife International/EBCC 2000		
Russia (Barents Sea east to Novaya Zemlya)	<i>tridactyla</i>	136,900	146,900		Barrett & Tertitski 2000		
Spain	<i>tridactyla</i>	200	200		BirdLife International/EBCC 2000		
Sweden	<i>tridactyla</i>	30	30	1990	BirdLife International/EBCC 2000		
Greenland	<i>tridactyla</i>	100,000	200,000	1996	BirdLife International/EBCC 2000		
Canada (East)	<i>tridactyla</i>	224,500	224,500		ICES (2003)		
Canada (northwest)	<i>tridactyla</i>	32,000	32,000 ¹		Baird (1994)		
Russia (Laptev Sea)	<i>pollicaris/tridactyla</i>	44,000	44,000 ¹		Golovkin (1984)		
Russia (East Siberian and Chukchi Seas)	<i>pollicaris</i>	25,000	150,000		Kondratyev <i>et al.</i> (2000)		
Russia (north Bering Sea)	<i>pollicaris</i>	450,000	550,000		Kondratyev <i>et al.</i> (2000)		
Russia (Kamchatka south to Kuril Islands)	<i>pollicaris</i>	517,000	617,000		Kondratyev <i>et al.</i> (2000)		
USA (Alaska)	<i>pollicaris</i>	770,000	770,000		Lensink (1984)		
Biogeographic region	Sub-species	Min	Max	Min % GB	Max % GB	Min % Ireland	Max % Ireland
North Atlantic*	<i>tridactyla</i>	2,500,000	3,000,000	12.3%	14.8%	1.6%	2.0%
World	<i>pollicaris/tridactyla</i>	4,300,000	5,200,000	7.1%	8.6%	0.9%	1.1%

* Stroud *et al.* (2001) took the eastern limit of the North Atlantic as Novaya Zemlya

Note

¹ figures represent a minimum, no maximum given.

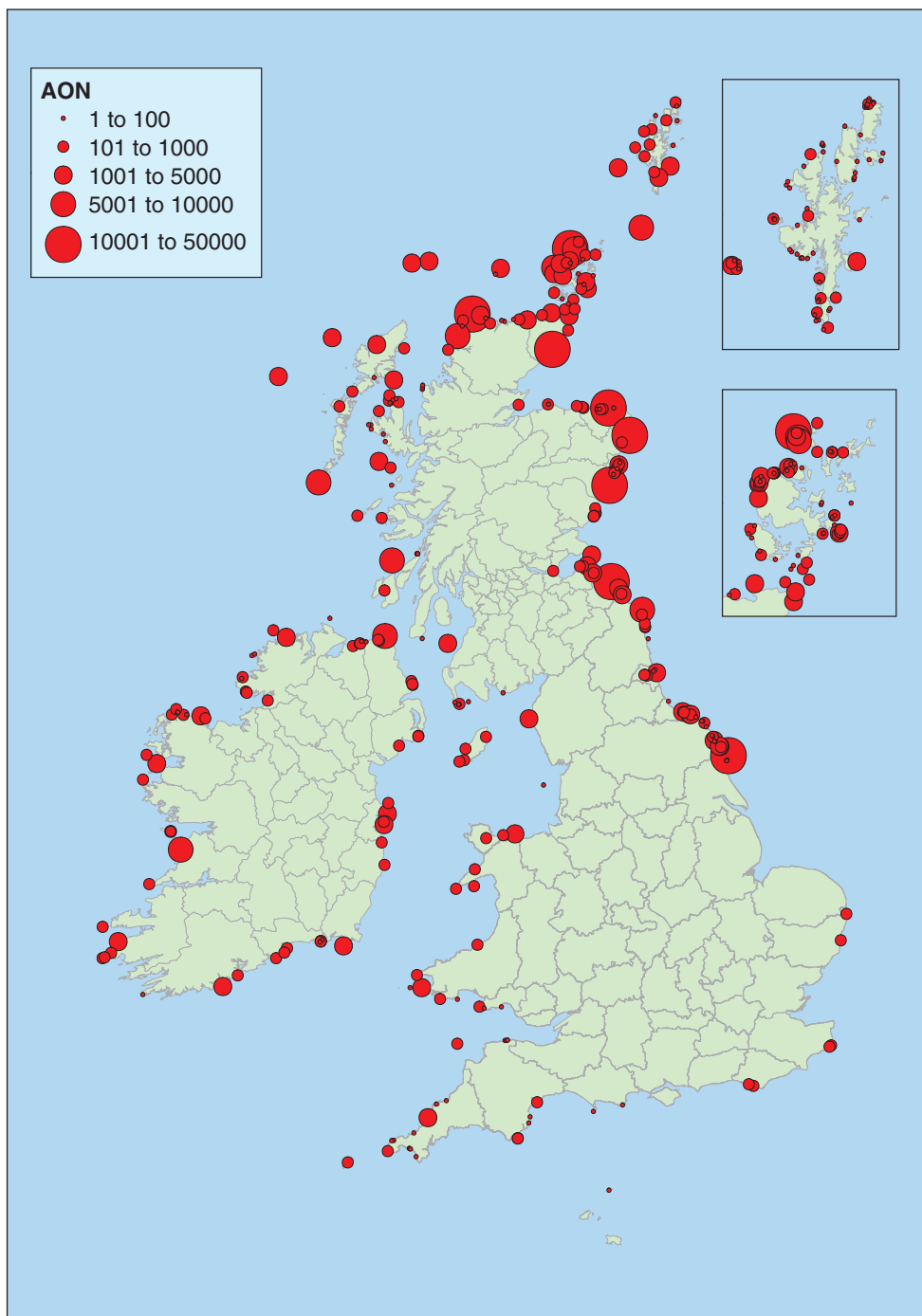


Figure 1 Abundance and distribution of breeding Black-legged Kittiwakes in Britain and Ireland 1998–2002.

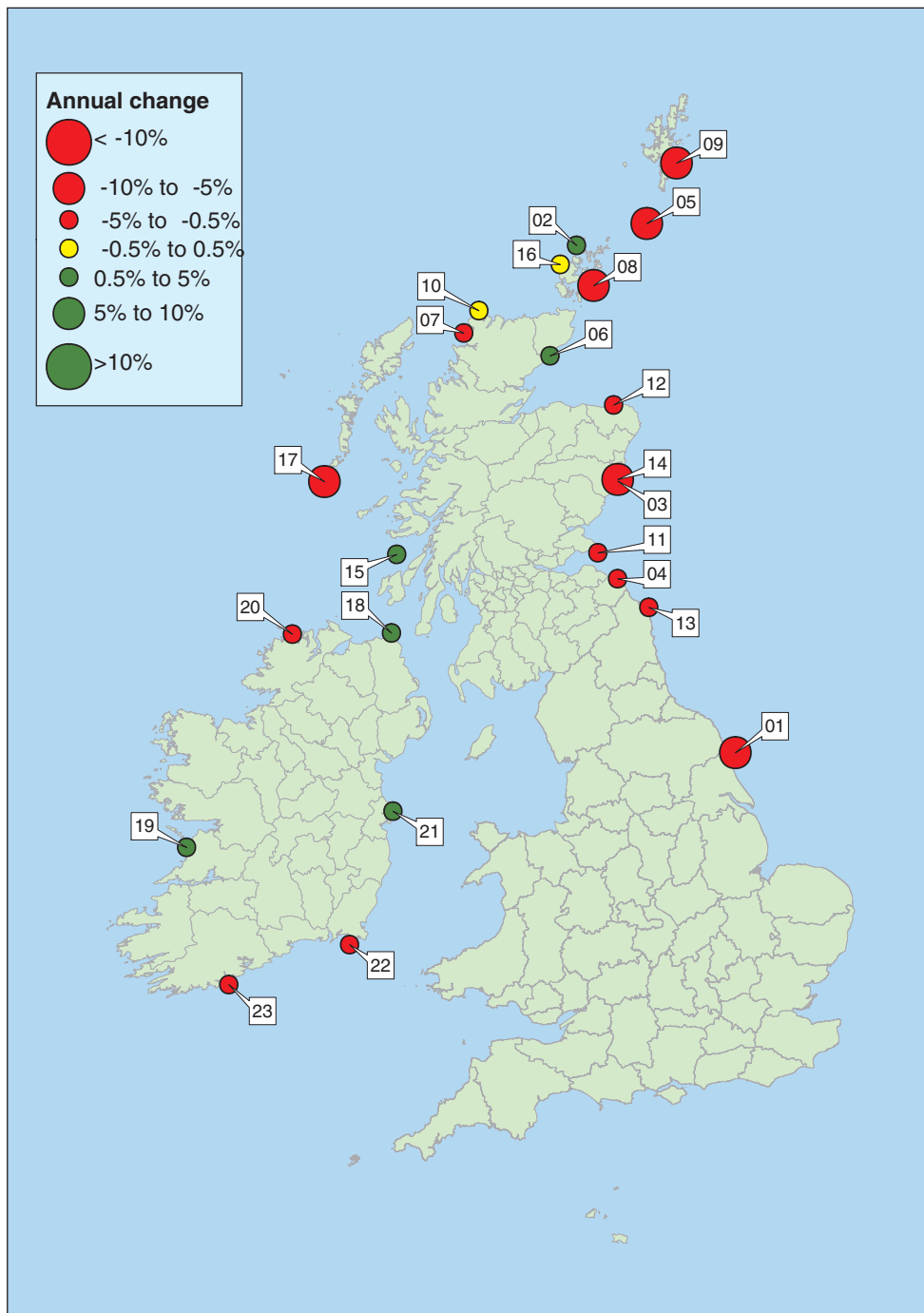


Figure 2 Changes in the number of breeding Black-legged Kittiwakes (AON) at major colonies in Britain and Ireland between the SCR Census (1985–88) and Seabird 2000 (1999–2002). Major colonies are those that contained the top 50% of the populations in Britain and in Ireland during the SCR Census. Numbers correspond to colonies in Table 2.