

UK Summary of changes Table 2025. Summary of species abundance changes in the UK from 2024 to 2025 and long-term (over the entire time series; no. yrs max = 50) and short-term (last 10-years) changes. Significance of trends: * P < 0.05 (significant), ** P < 0.01 (highly significant), ***P < 0.001 (very highly significant). Red text has been used to highlight those species that had their worst year of the series in 2025, and blue text for those species that had their best year of the series in 2025.

Species	Start Year	No. years with Index in 2025	No. sites monitored in 2025	2025 rank	% change 2024-2025	Series trend (%)	10-year trend (%)
Swallowtail	1976	49	37	32	60	-8	-4
Dingy Skipper	1976	50	820	24	82	-10	-18
Grizzled Skipper	1976	50	460	36	55	-48***	-6
Chequered Skipper	2003	23	12	10	-19	112*	100
Essex Skipper	1977	49	1377	44	-9	-32	-25
Small Skipper	1976	50	2486	46	37	-73***	-26
Lulworth Skipper	1992	34	22	8	10	-53	412**
Silver-spotted Skipper	1979	47	82	38	42	300***	-68
Large Skipper	1976	50	2506	44	42	-32*	-27
Wood White	1979	47	73	8	204	-78***	53
Cryptic Wood White	2009	17	24	14	87	-38	-63*
Orange-tip	1976	50	2575	10	3	42***	-3
Large White	1976	50	3289	4	210	-27	20
Small White	1976	50	3286	8	152	-13	7
Green-veined White	1976	50	3134	10	159	-26*	-22
Clouded Yellow	1979	47	1216	14	2007	380	-58
Brimstone	1976	50	2532	7	-11	47**	22
Wall	1976	50	1061	29	55	-83***	59
Speckled Wood	1976	50	3161	4	52	87***	-5
Large Heath	1990	36	50	10	32	354***	75
Small Heath	1976	50	2357	25	30	-42**	18
Mountain Ringlet	N/A	N/A	4	N/A	N/A	N/A	N/A
Scotch Argus	1979	47	36	41	48	-8	-59*
Ringlet	1976	50	3000	23	14	259***	-44*
Meadow Brown	1976	50	3297	32	2	-1	-2
Gatekeeper	1976	50	2891	11	59	-35*	81*
Marbled White	1976	50	1782	23	17	79***	-10
Grayling	1976	50	391	44	19	-72***	30
Pearl-bordered Fritillary	1976	50	189	44	38	-70***	-25
Small Pearl-bordered Fritillary	1976	50	245	49	20	-74***	-45**
Silver-washed Fritillary	1976	50	1321	15	142	227***	-38
Dark Green Fritillary	1976	50	919	12	151	250***	-10
High Brown Fritillary	1978	48	69	40	26	-66**	-45
White Admiral	1976	50	469	47	20	-63***	-11
Purple Emperor	1979	47	170	2	99	136***	16
Red Admiral	1976	50	3272	5	81	330***	38
Painted Lady	1976	50	2759	20	208	64	-47
Peacock	1976	50	3216	24	31	2	43
Small Tortoiseshell	1976	50	2911	49	125	-87***	-75*
Comma	1976	50	2919	6	105	178***	12
Marsh Fritillary	1981	45	226	22	-13	2	47
Glanville Fritillary	1989	37	15	3	5	244*	23
Heath Fritillary	1981	45	44	19	236	-88***	277*
Duke of Burgundy	1979	47	120	9	15	-32*	30
Small Copper	1976	50	2741	19	154	-42**	-9
Brown Hairstreak	1983	43	248	22	-11	-7	22
Purple Hairstreak	1976	50	922	16	91	-19	-14
Green Hairstreak	1976	50	956	20	33	-32*	20
White-letter Hairstreak	1976	50	402	28	103	-80***	-20
Black Hairstreak	1995	31	20	2	74	844***	173
Small Blue	1978	48	443	10	73	27	-1
Holly Blue	1976	50	2591	20	10	174*	17
Large Blue	1983	43	17	31	-79	1866***	-57
Silver-studded Blue	1979	47	170	8	51	76*	6
Brown Argus	1976	50	1651	14	100	25	5
Northern Brown Argus	1979	47	73	41	-20	-60***	-22
Common Blue	1976	50	2939	23	169	-28	-26
Adonis Blue	1979	47	214	30	136	57	-40
Chalk Hill Blue	1976	50	345	43	103	-18	-10