

Figures to accompany questionnaire used for annual reporting on ambient air quality assessments under Council Directives 96/62/EC, 2004/107/EC, 2008/50/EC. UK 2012.

Figure 1. UK zones (blue and green) and agglomerations (red) for 2012

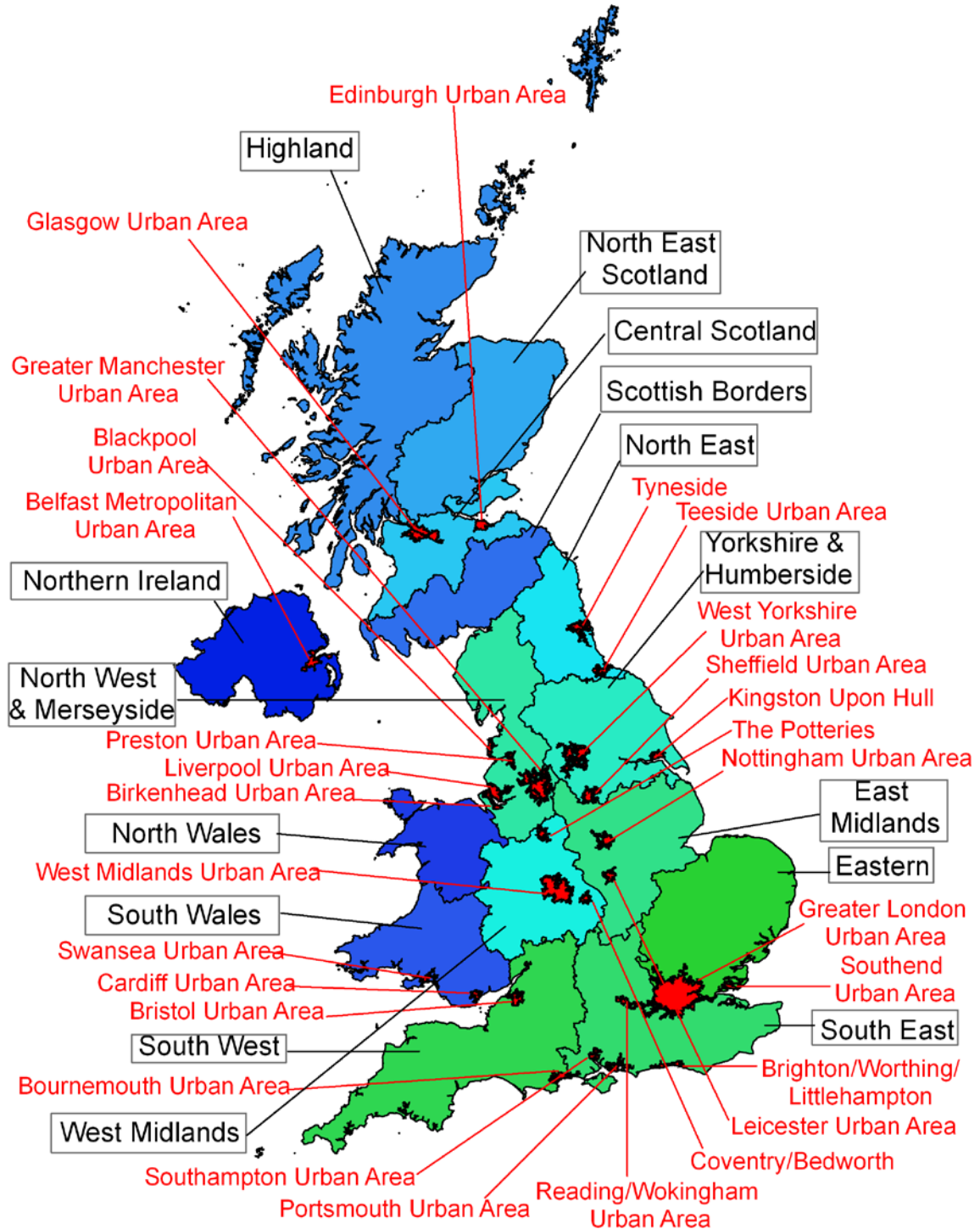


Table 1 Zones for AQDD reporting

Zone	Zone code	Ag or nonag*	Population	Area (km ²)	Number of urban road links	Length of urban road links (km)
Greater London Urban Area	UK0001	ag	8864078	1618	1914	1883
West Midlands Urban Area	UK0002	ag	2277340	605	385	529
Greater Manchester Urban Area	UK0003	ag	2042681	554	581	638
West Yorkshire Urban Area	UK0004	ag	1276045	352	303	402
Tyneside	UK0005	ag	758610	221	185	195
Liverpool Urban Area	UK0006	ag	736751	198	254	209
Sheffield Urban Area	UK0007	ag	566262	163	111	149
Nottingham Urban Area	UK0008	ag	587683	155	134	126
Bristol Urban Area	UK0009	ag	533341	139	124	121
Brighton/Worthing/Littlehampton	UK0010	ag	413892	94	62	85
Leicester Urban Area	UK0011	ag	428132	101	73	82
Portsmouth Urban Area	UK0012	ag	389220	96	59	73
Teesside Urban Area	UK0013	ag	307762	119	66	69
The Potteries	UK0014	ag	280407	91	115	126
Bournemouth Urban Area	UK0015	ag	371713	121	52	70
Reading/Wokingham Urban Area	UK0016	ag	294554	82	67	68
Coventry/Bedworth	UK0017	ag	302474	76	35	38
Kingston upon Hull	UK0018	ag	274062	85	37	52
Southampton Urban Area	UK0019	ag	294679	79	66	73
Birkenhead Urban Area	UK0020	ag	280700	97	71	76
Southend Urban Area	UK0021	ag	237594	67	32	52
Blackpool Urban Area	UK0022	ag	226463	73	51	63
Preston Urban Area	UK0023	ag	206182	60	39	41
Glasgow Urban Area	UK0024	ag	1117379	367	231	317
Edinburgh Urban Area	UK0025	ag	469052	134	60	99
Cardiff Urban Area	UK0026	ag	321769	86	44	62
Swansea Urban Area	UK0027	ag	201718	83	34	63
Belfast Metropolitan Urban Area	UK0028	ag	532080	216	51	224
Eastern	UK0029	nonag	5397646	19498	600	790
South West	UK0030	nonag	4403790	24384	436	647
South East	UK0031	nonag	6739450	19108	880	1306
East Midlands	UK0032	nonag	3519887	15458	429	654
North West & Merseyside	UK0033	nonag	3560388	14175	637	864
Yorkshire & Humberside	UK0034	nonag	3169623	15019	396	587
West Midlands	UK0035	nonag	2738539	12221	386	523
North East	UK0036	nonag	1529031	8377	212	255
Central Scotland	UK0037	nonag	1929140	9923	231	343
North East Scotland	UK0038	nonag	1120962	19023	133	233
Highland	UK0039	nonag	393901	43575	11	37
Scottish Borders	UK0040	nonag	265338	11399	36	47
South Wales	UK0041	nonag	1785578	12645	182	302
North Wales	UK0042	nonag	749613	8747	81	152
Northern Ireland	UK0043	nonag	1278732	14539	84	248
Total			63174241	254223	9970	12972.96

* ag = agglomeration zone, nonag = non-agglomeration zone

Figure 2. Annual mean SO₂ concentration, 2012 ($\mu\text{g m}^{-3}$) in ecosystem areas

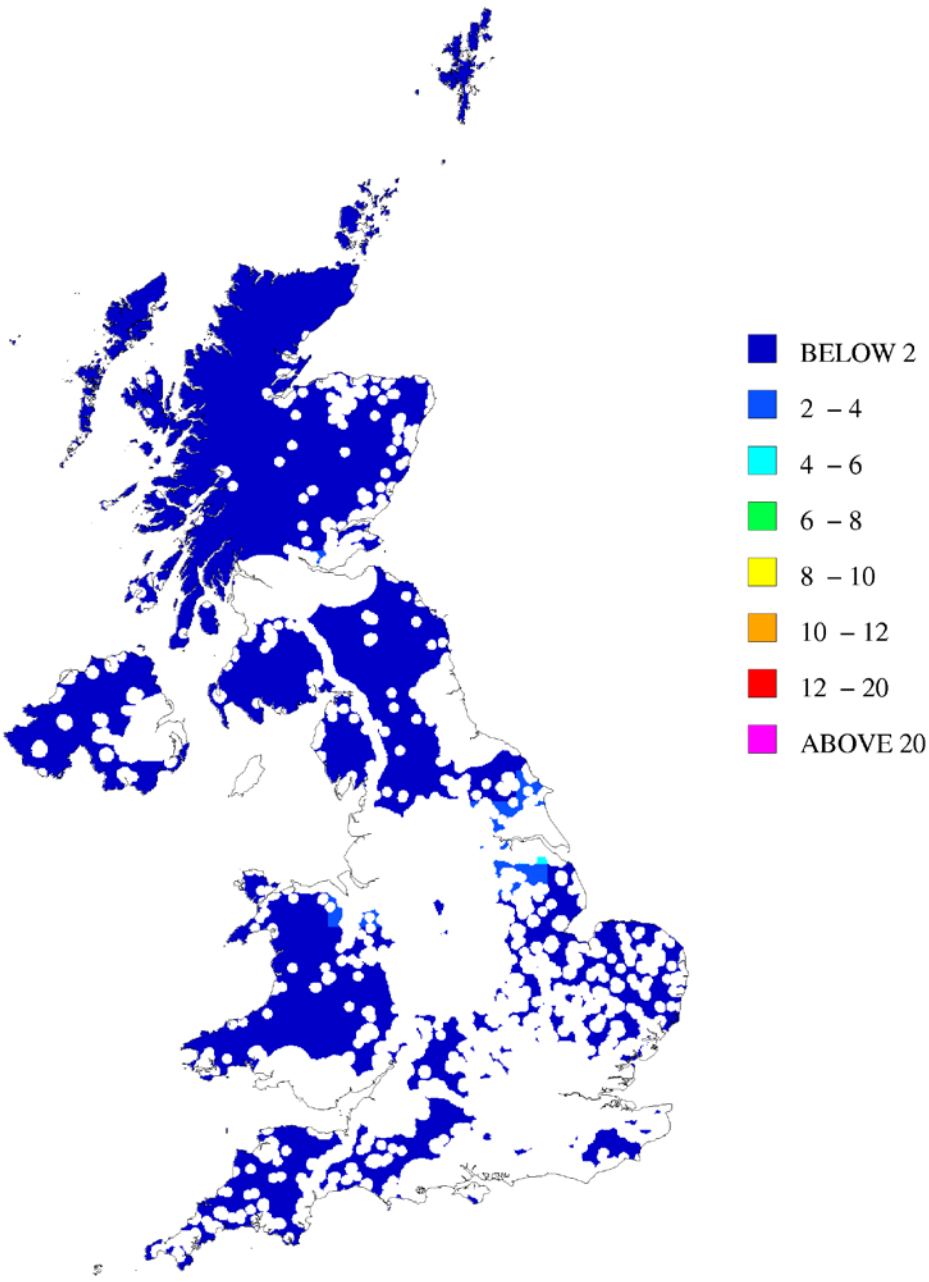


Figure 3. Winter mean SO₂ concentration, 2011-2012 (µg m⁻³) in ecosystem areas

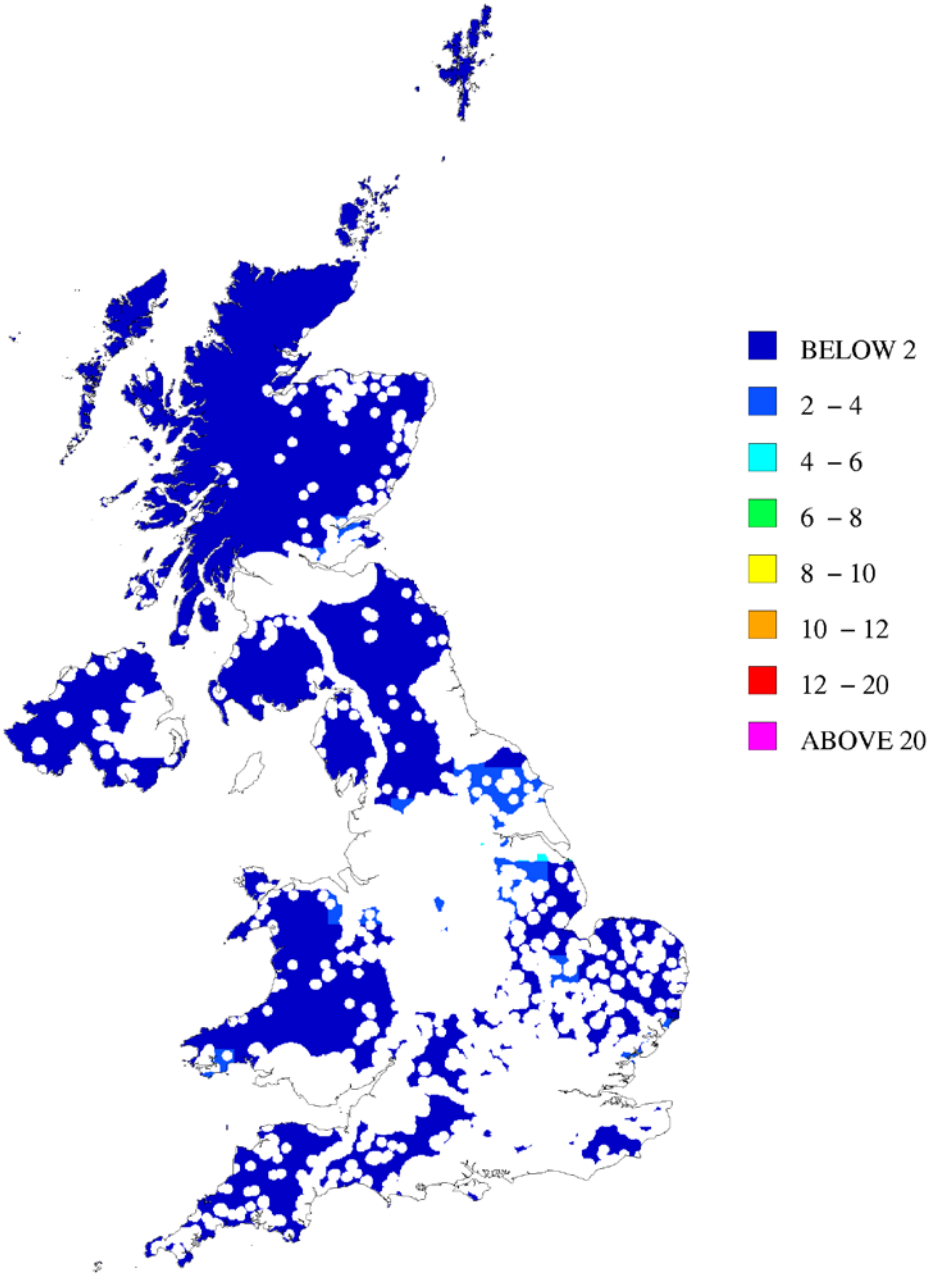


Figure 4. 99.73 percentile of 1-hour mean SO₂ concentration, 2012 (µg m⁻³)

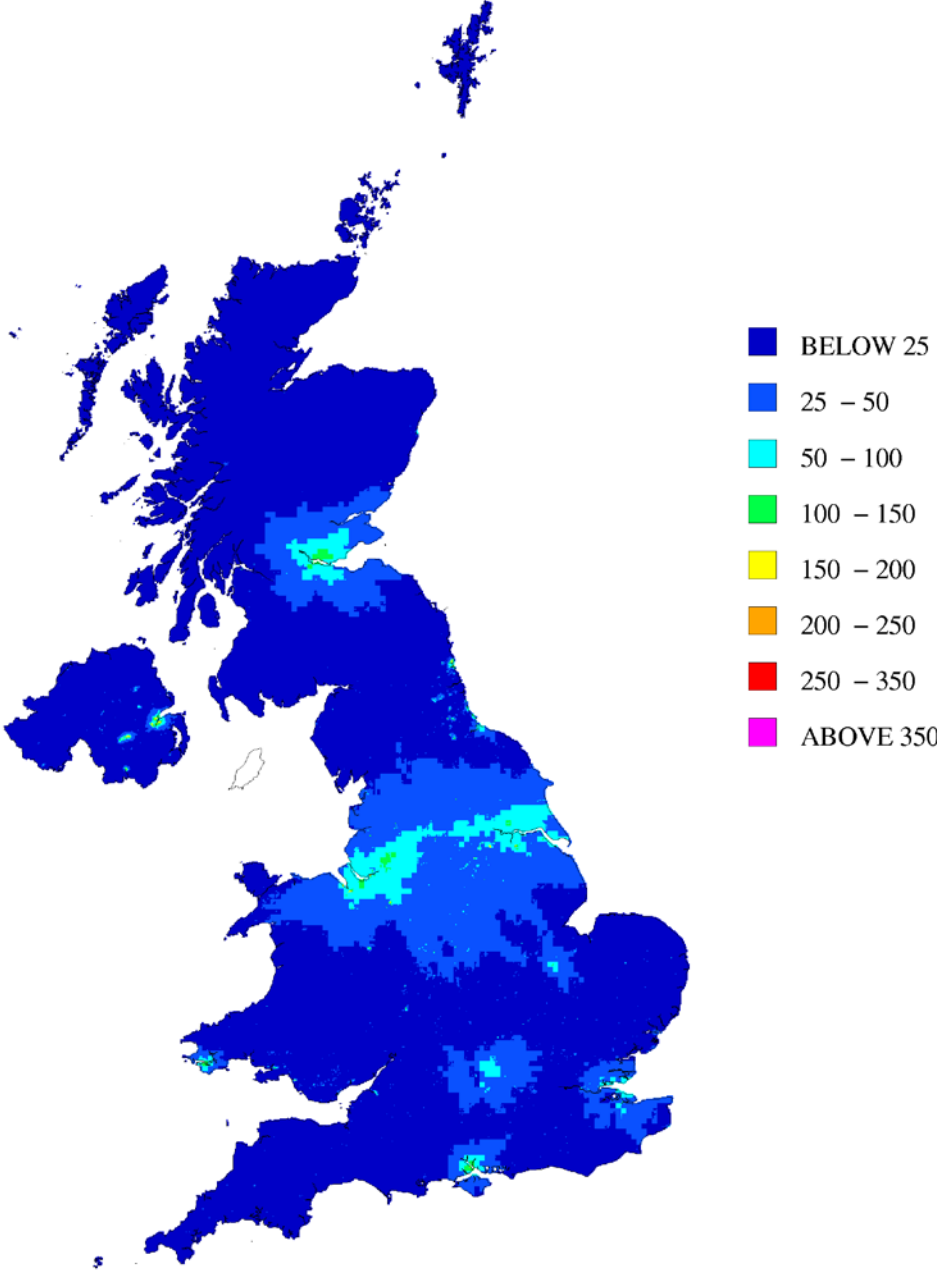


Figure 5. 99.18 percentile of 24-hour mean SO₂ concentration, 2012 ($\mu\text{g m}^{-3}$)

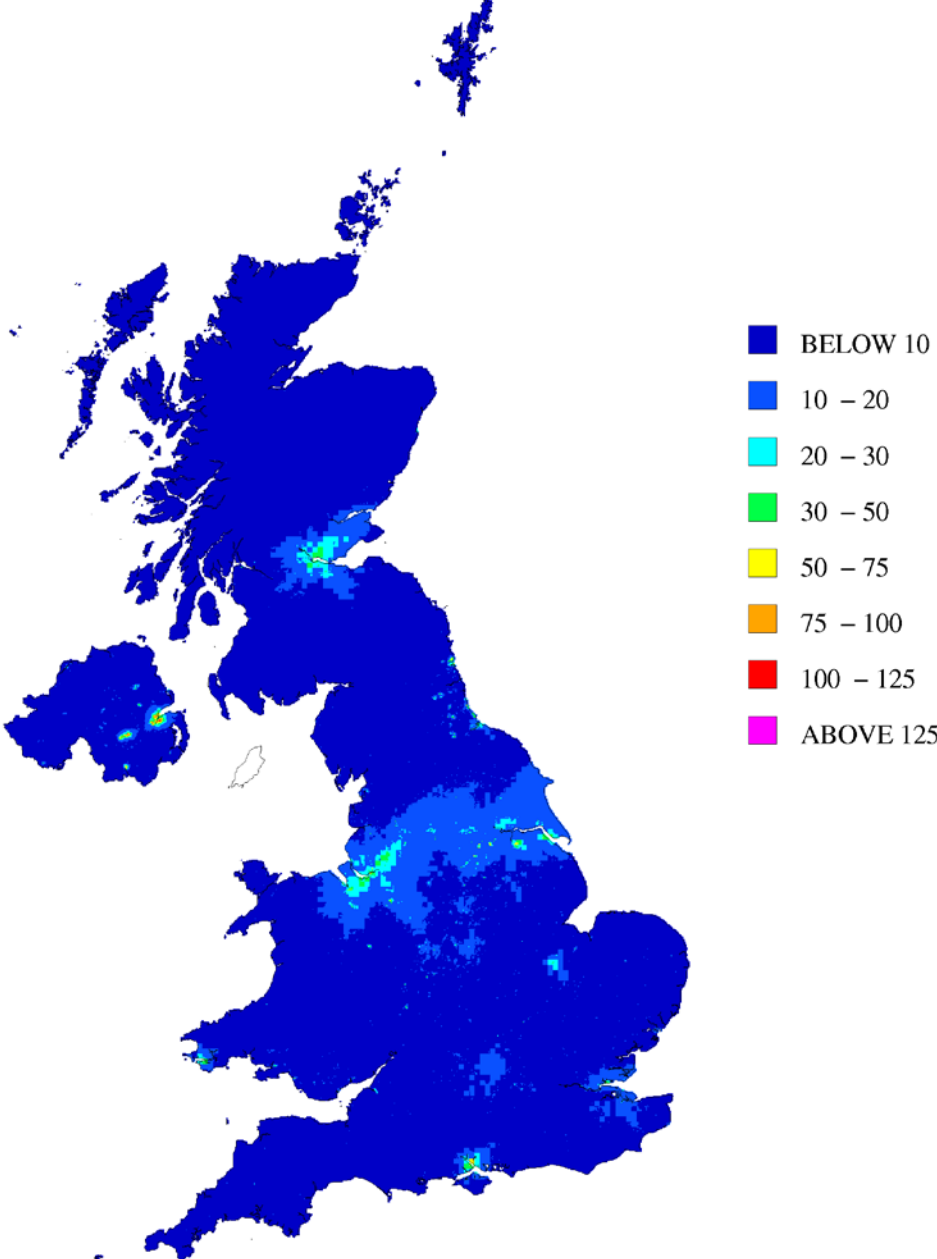


Figure 6. Annual mean background NO₂ concentration, 2012 ($\mu\text{g m}^{-3}$)

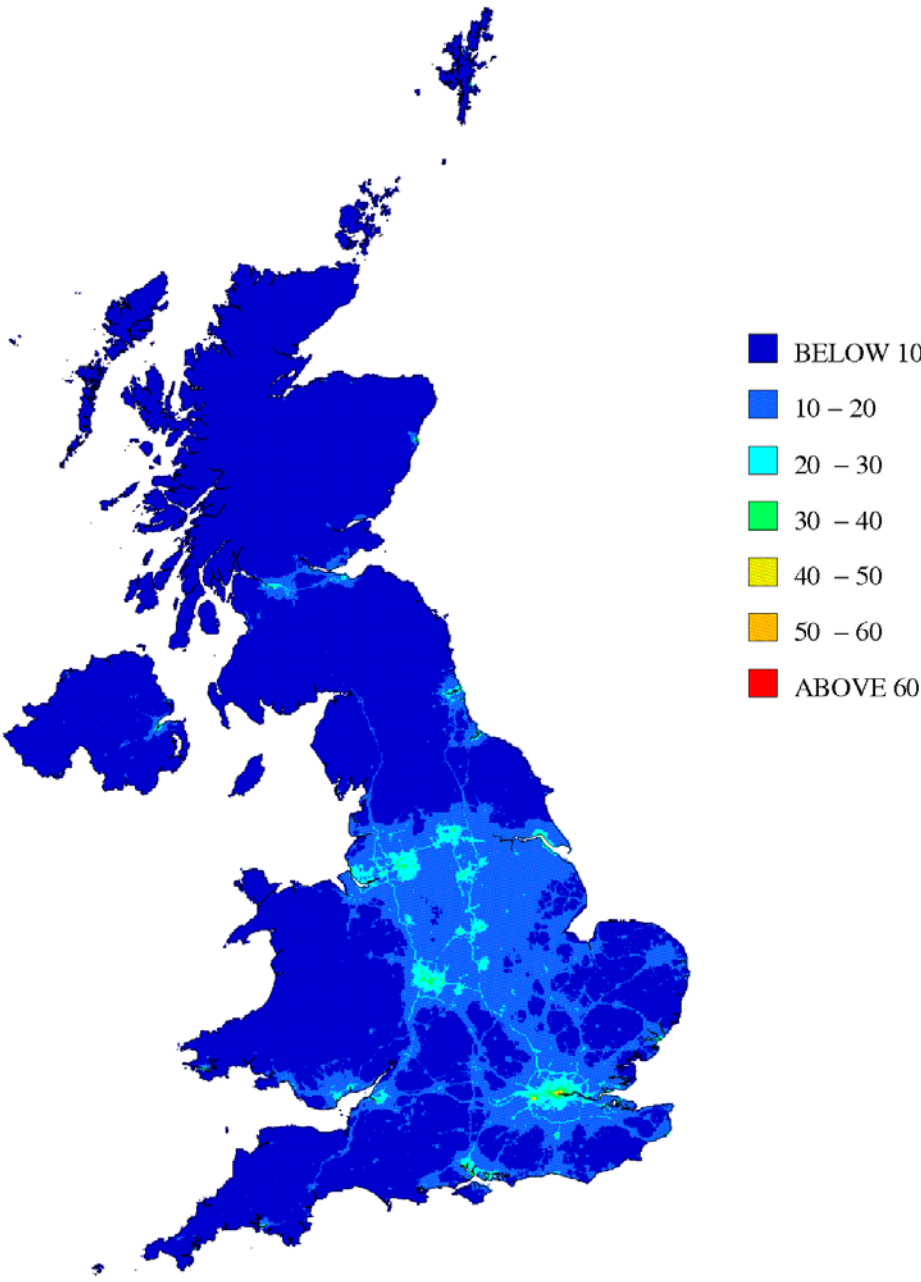


Figure 7. Urban major urban roads, annual mean roadside NO₂ concentration, 2012 ($\mu\text{g m}^{-3}$)

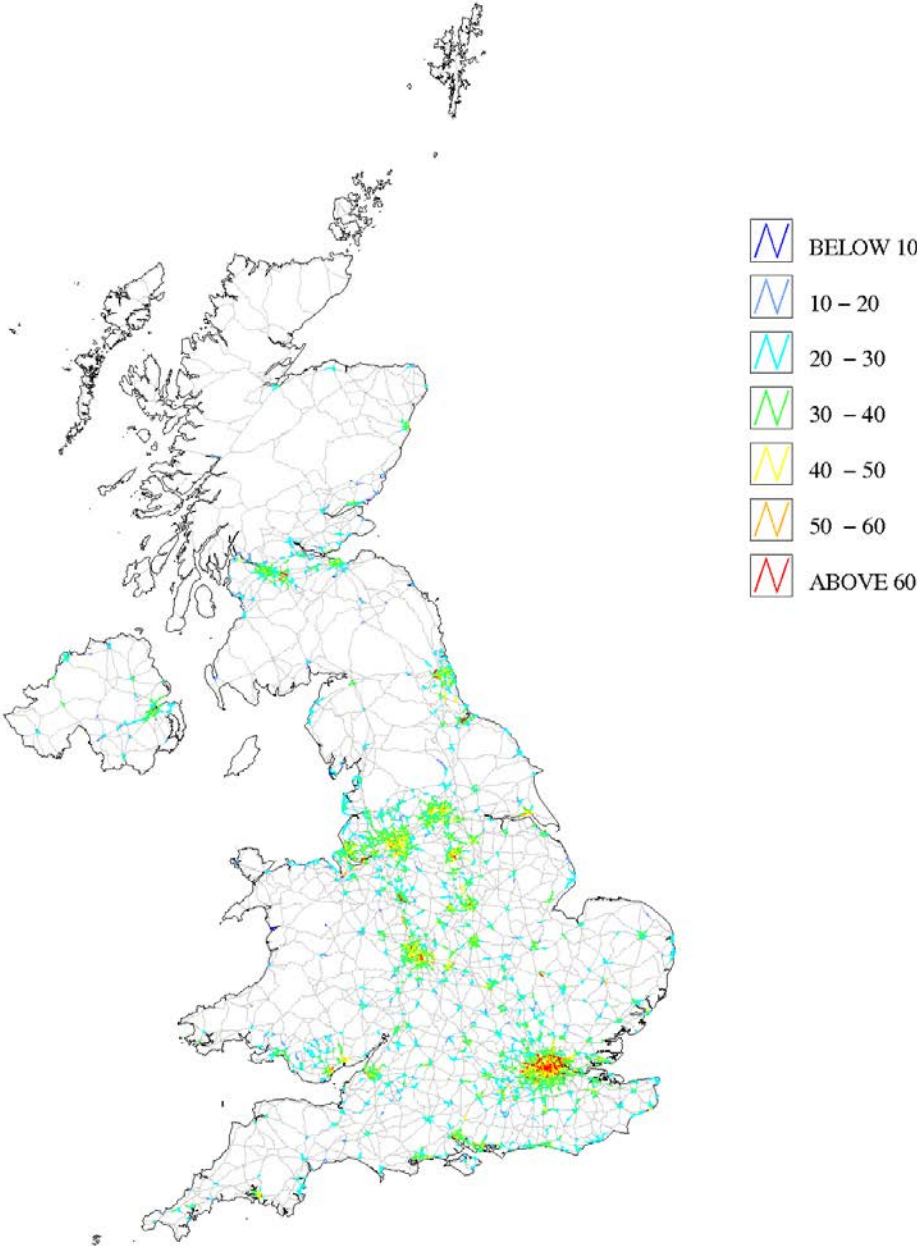


Figure 8. Annual mean NO_x concentration in vegetation areas, 2012 (μg m⁻³, as NO₂)

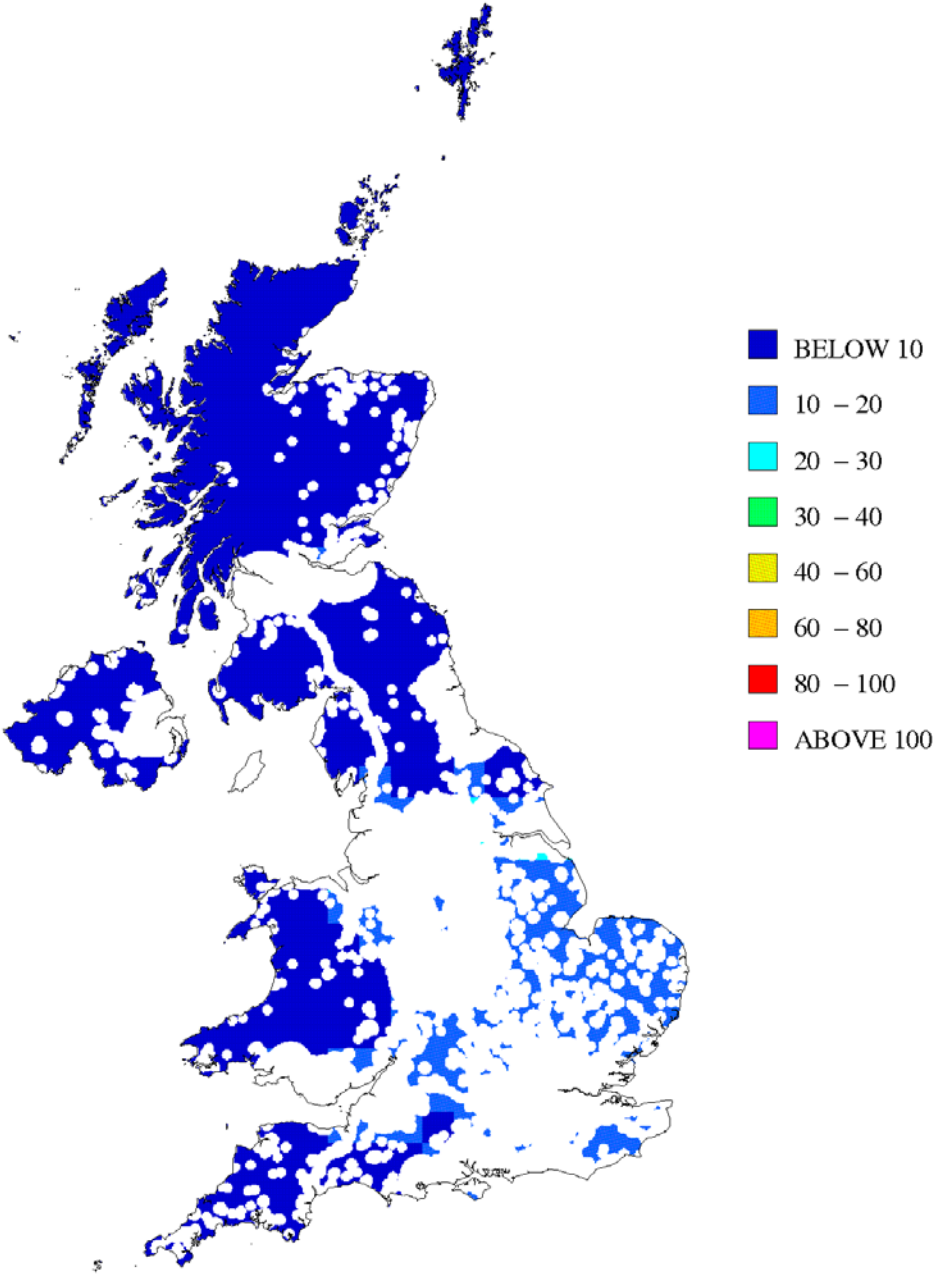


Figure 9. Annual mean background PM₁₀ concentration, 2012 (µg m⁻³, gravimetric)

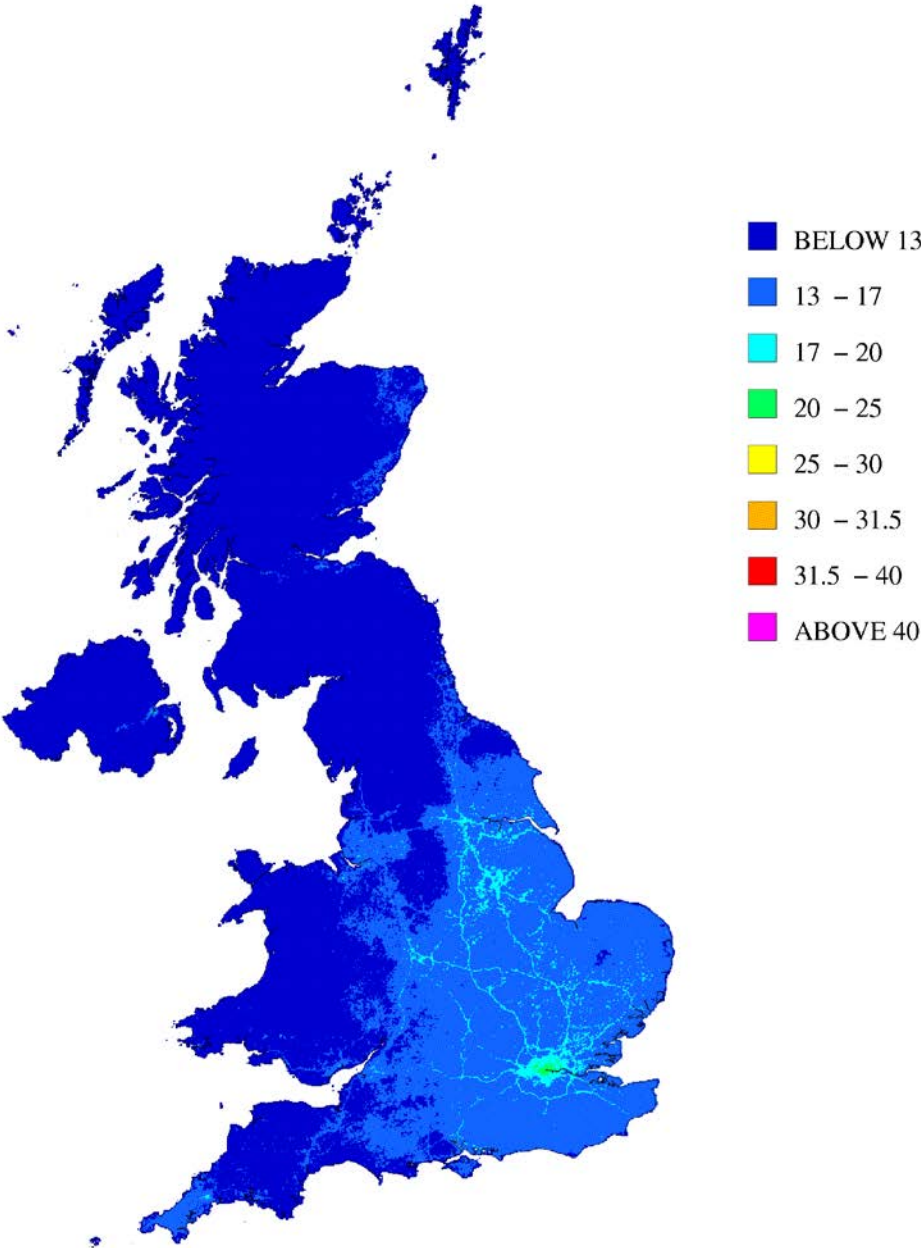


Figure 10. Urban major roads, annual mean roadside PM₁₀ concentration, 2012 (μg m⁻³, gravimetric)

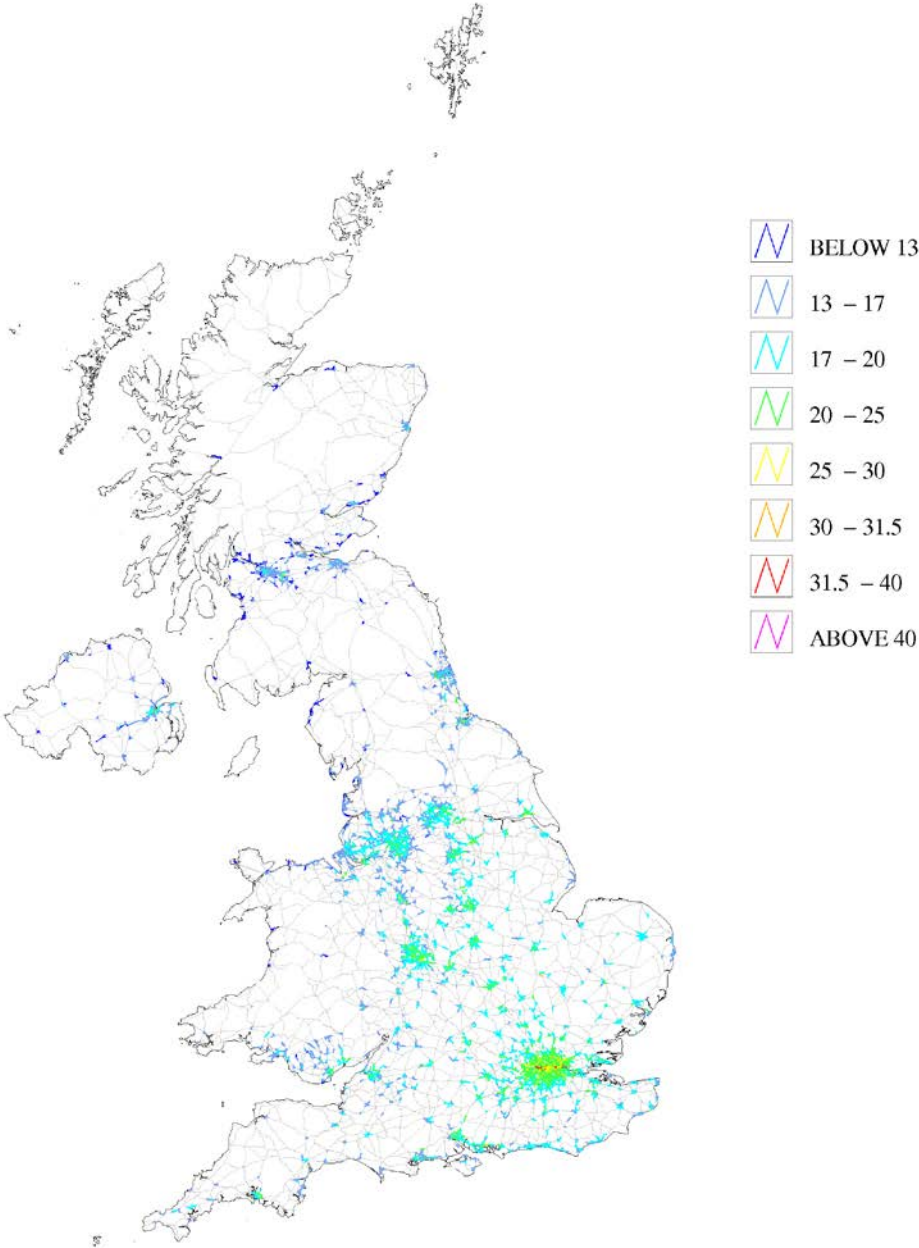


Figure 11. Annual mean background PM_{2.5} concentration, 2012 (µg m⁻³, gravimetric)

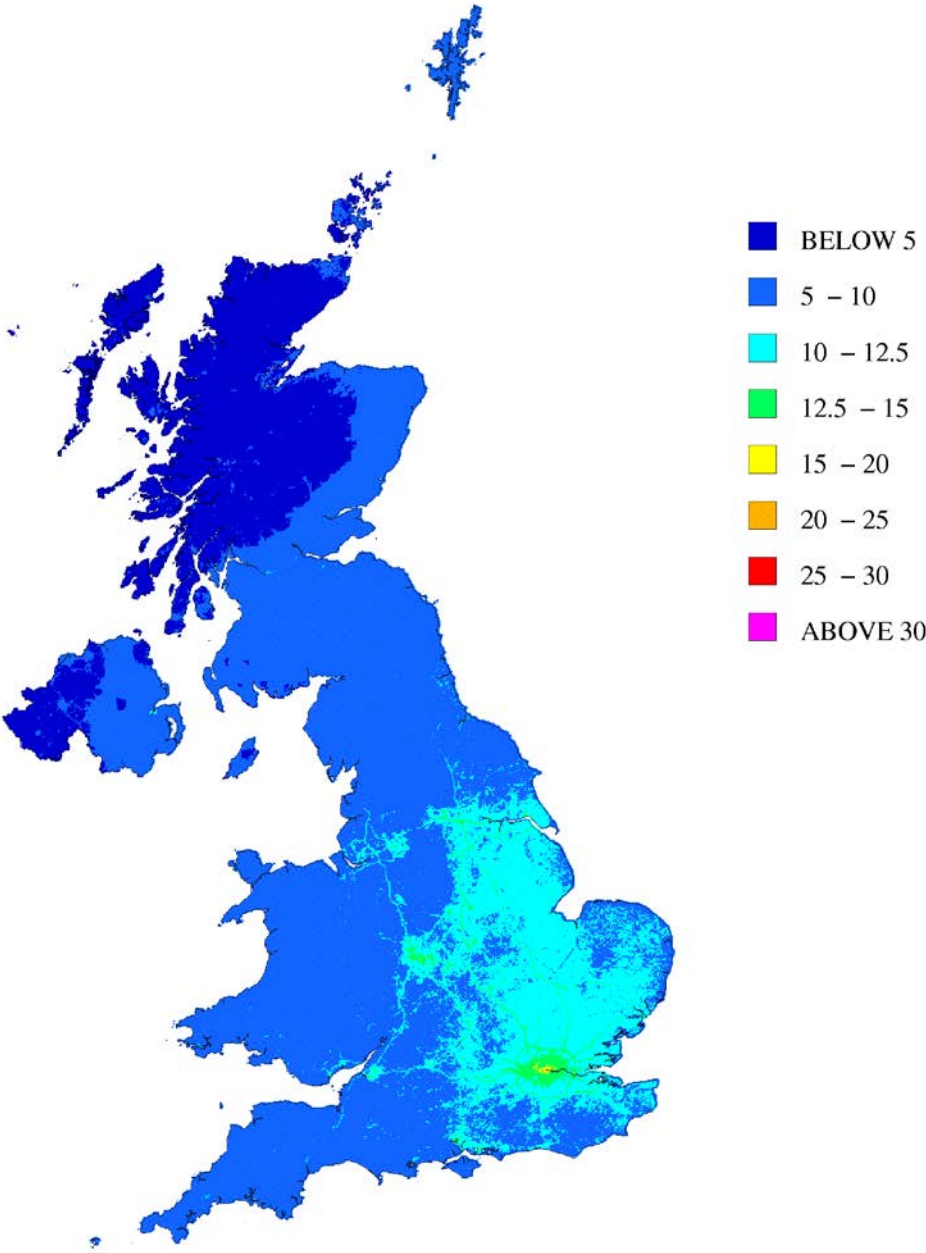


Figure 12. Urban major roads, annual mean roadside PM_{2.5} concentration, 2012 (µg m⁻³, gravimetric)

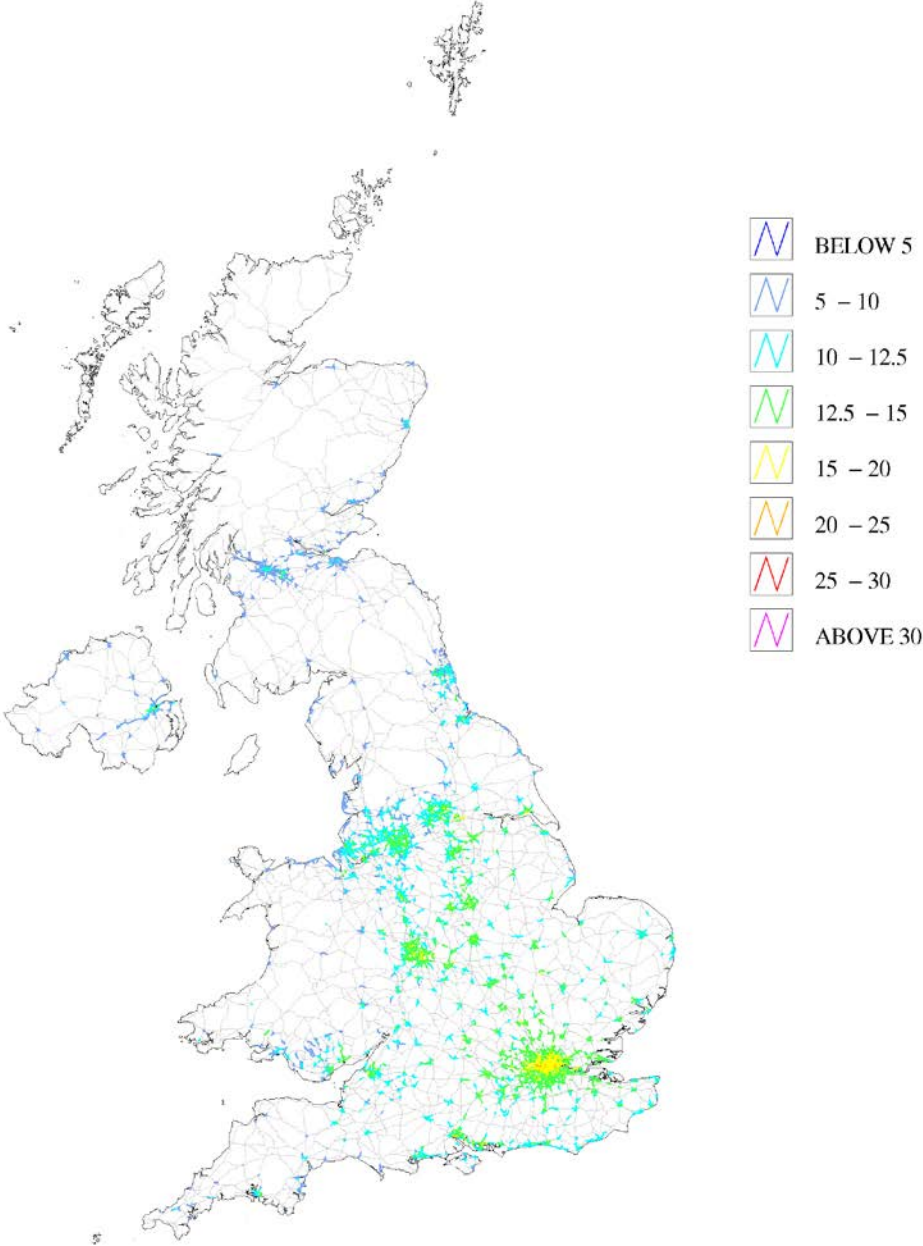


Figure 13. Annual mean background benzene concentration, 2012 ($\mu\text{g m}^{-3}$)

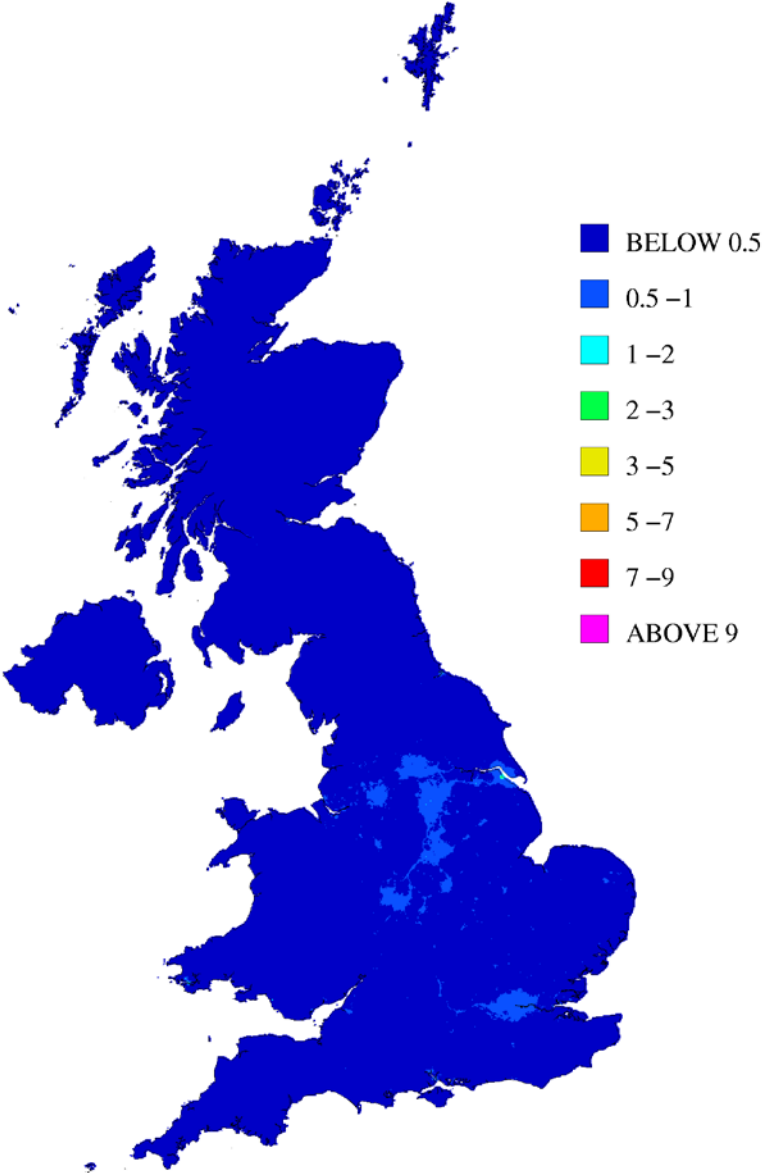


Figure 14. Urban major roads, annual mean roadside benzene concentration, 2012 ($\mu\text{g m}^{-3}$)

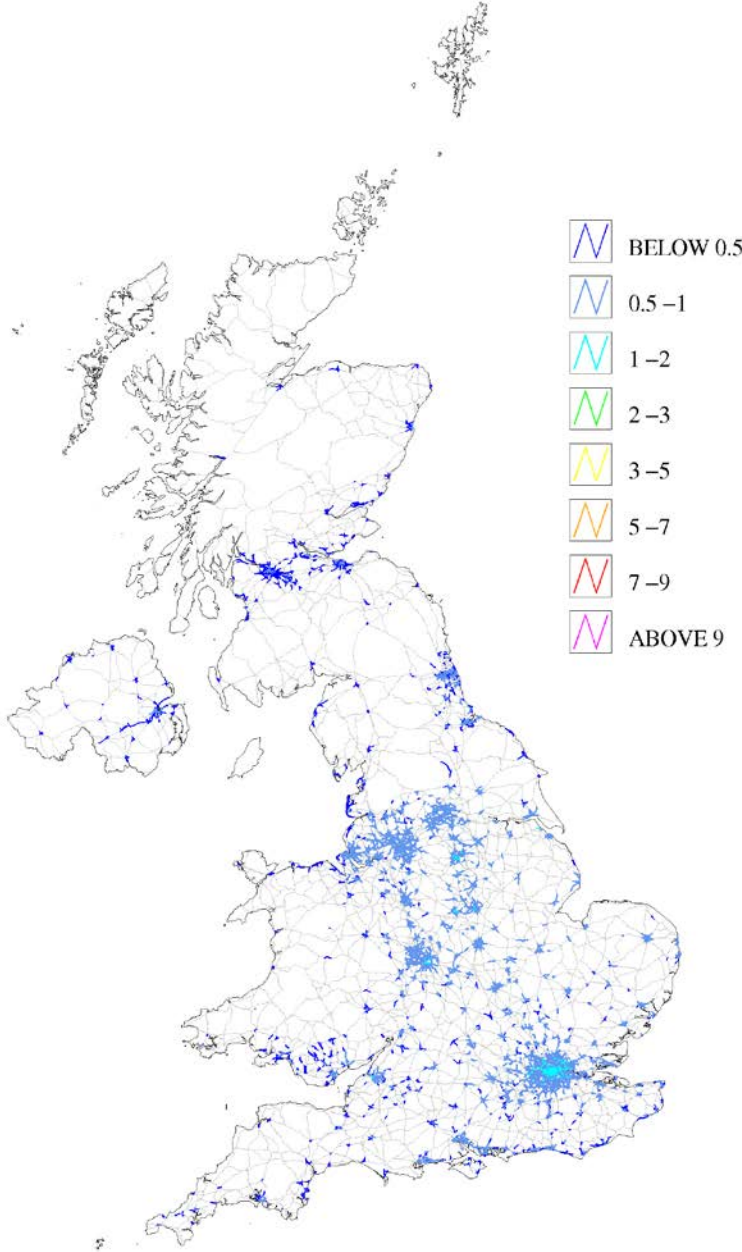


Figure 15. Average number of days with ozone concentration > 120 $\mu\text{g m}^{-3}$ 2010-2012

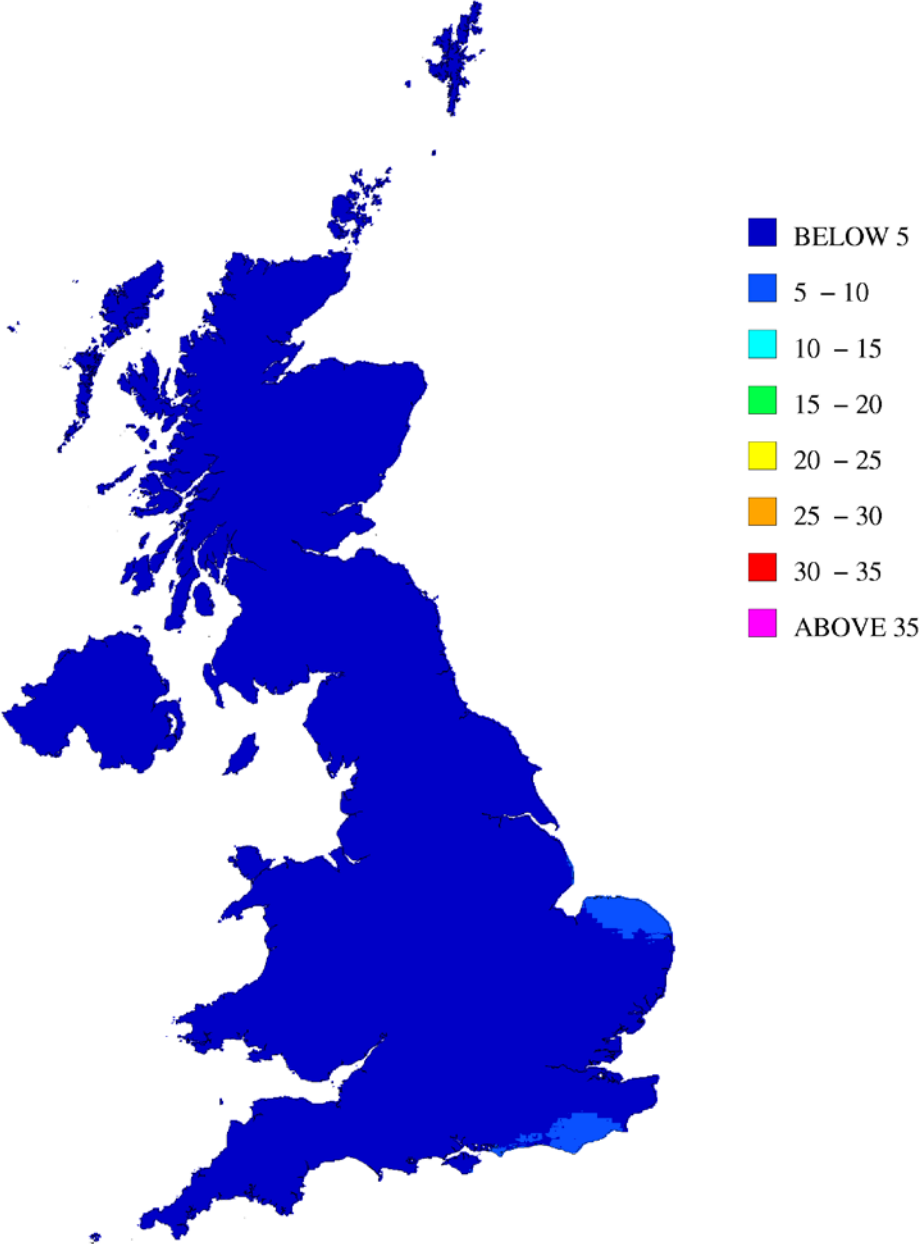


Figure 16. Number of days with ozone concentration > 120 $\mu\text{g m}^{-3}$ 2012

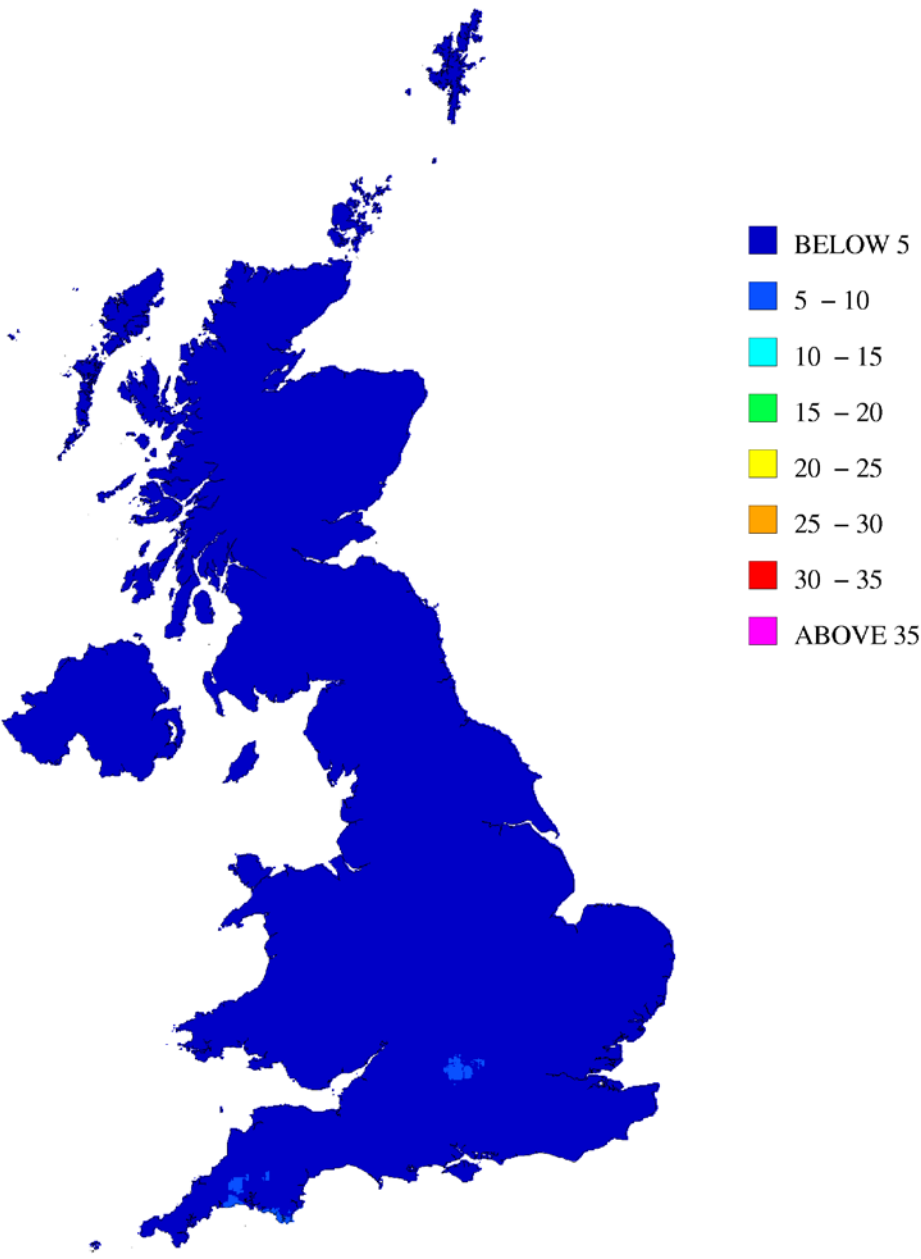


Figure 17. Average AOT40 wheat crops, 2008-2012 ($\mu\text{g m}^{-3}\cdot\text{hours}$)

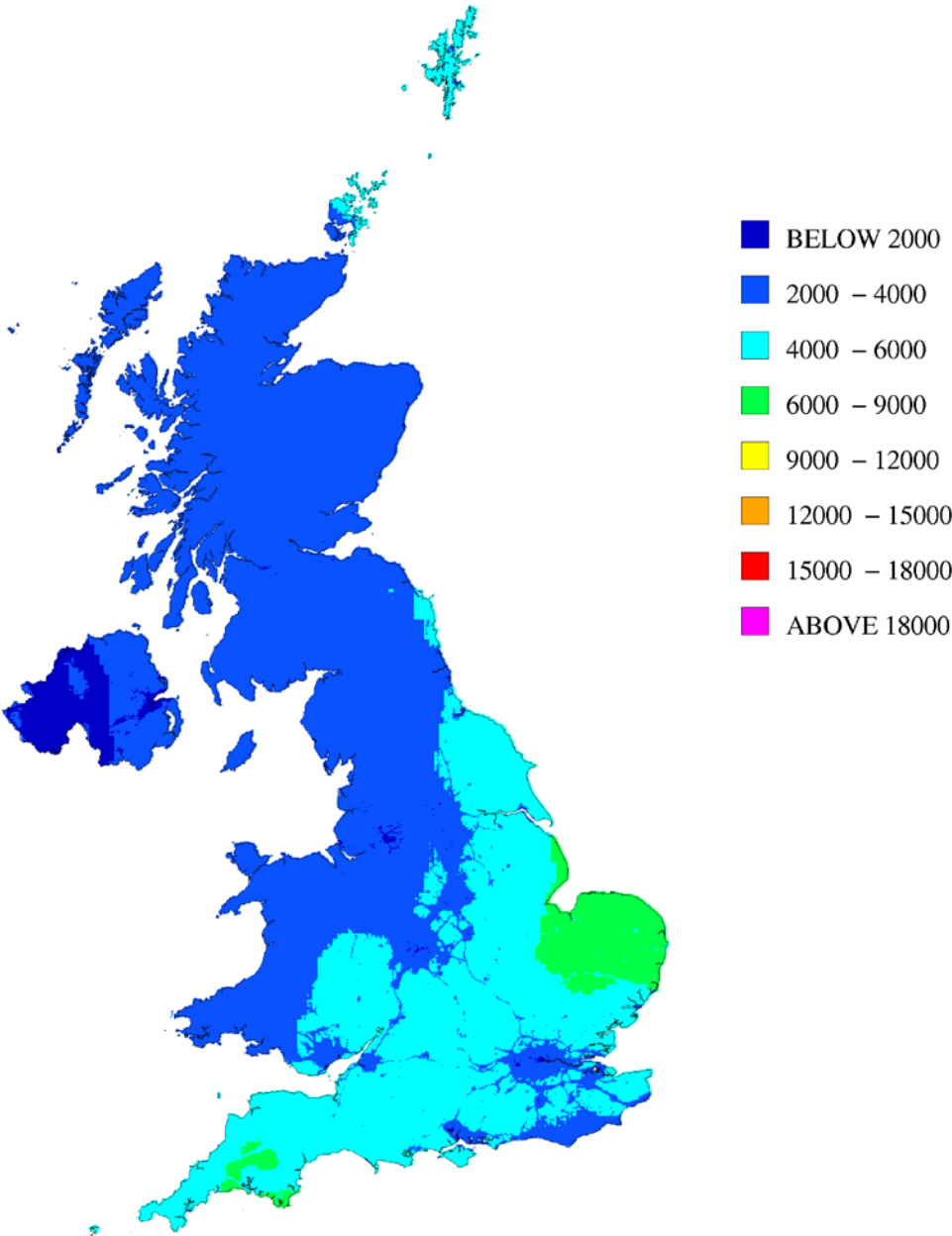


Figure 18. Average AOT40 wheat crops, 2012 ($\mu\text{g m}^{-3}\cdot\text{hours}$)

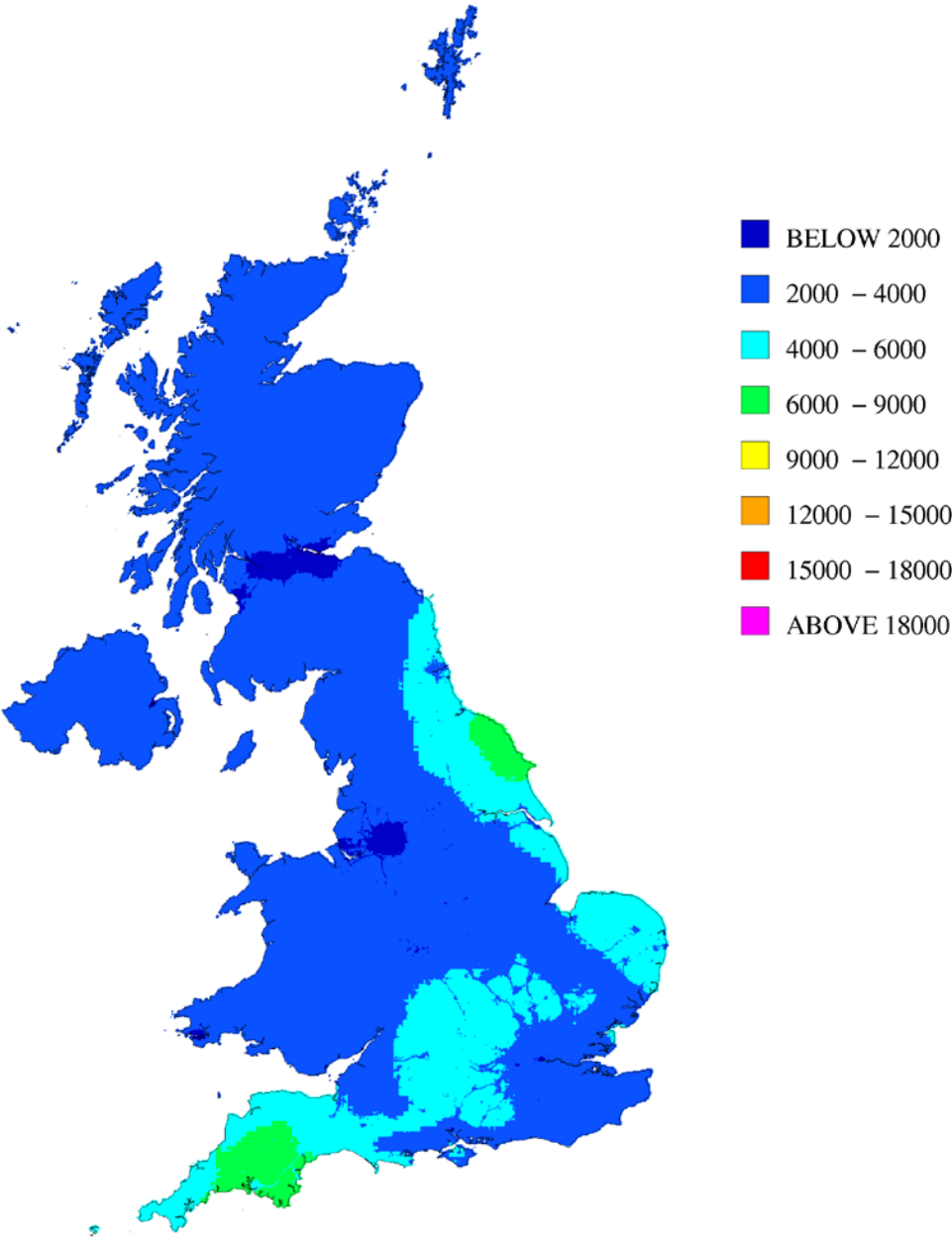


Figure 19. Annual mean background B[a]P concentration, 2012 (ng m⁻³)

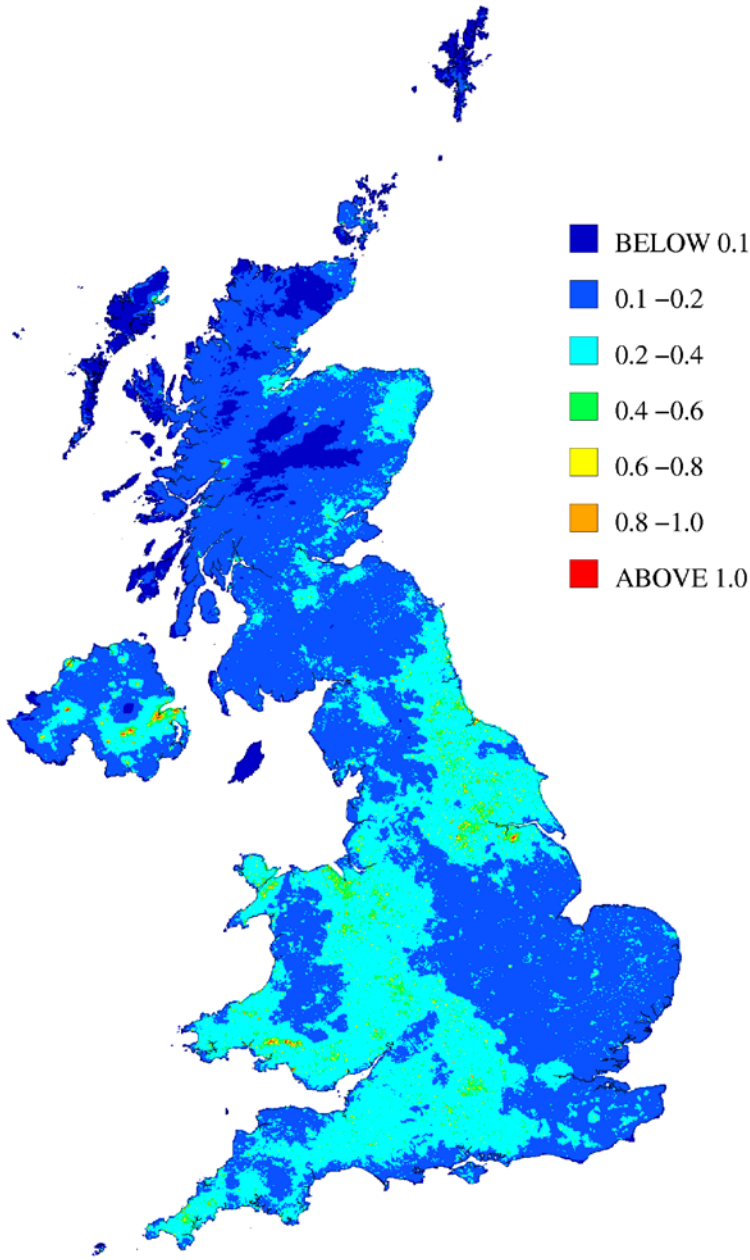


Figure 20. Annual mean background Arsenic concentration, 2012 (ng m⁻³)

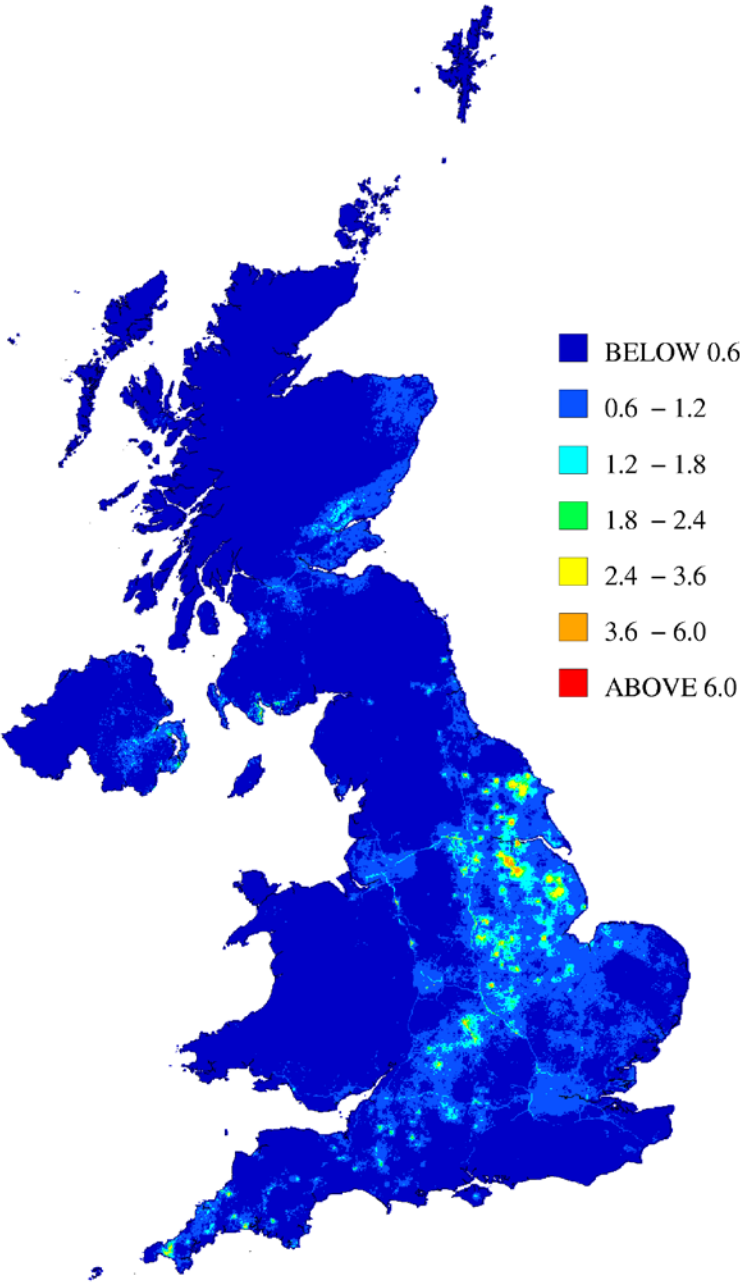


Figure 21. Annual mean background Cadmium concentration, 2012 (ng m⁻³)

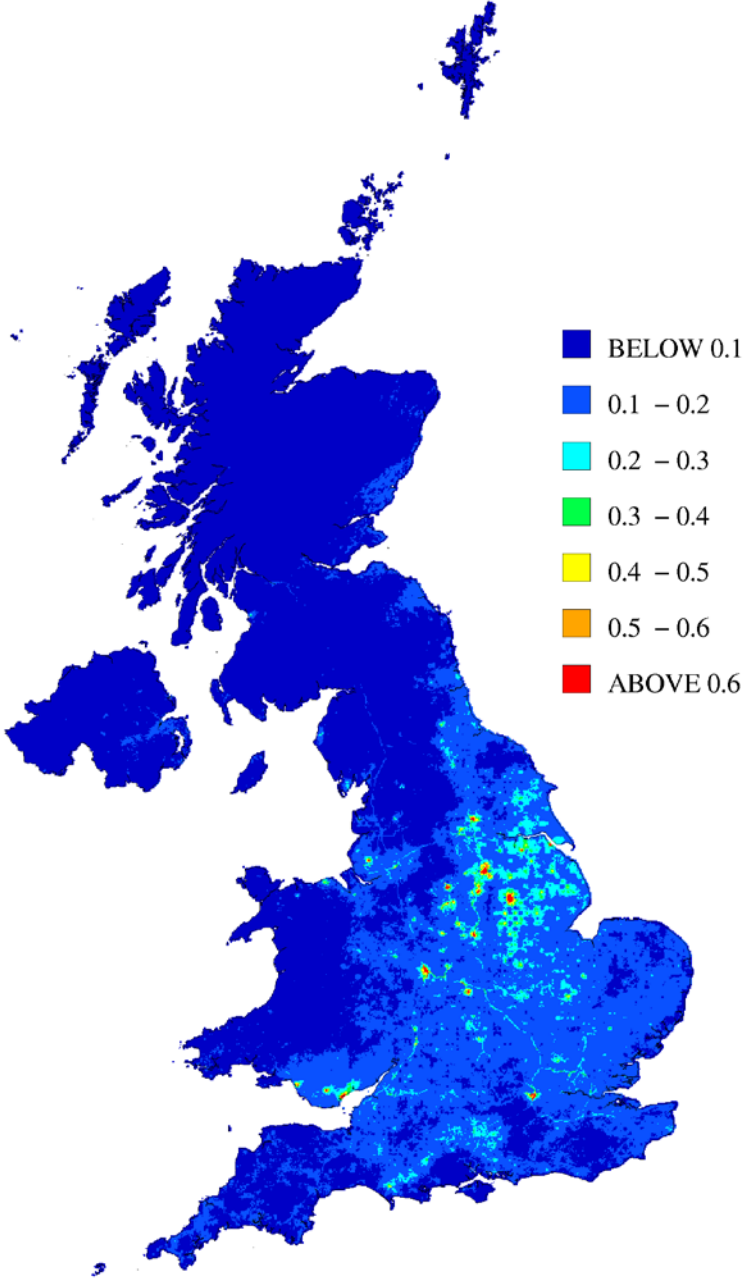


Figure 22. Annual mean background Nickel concentration, 2012 (ng m⁻³)

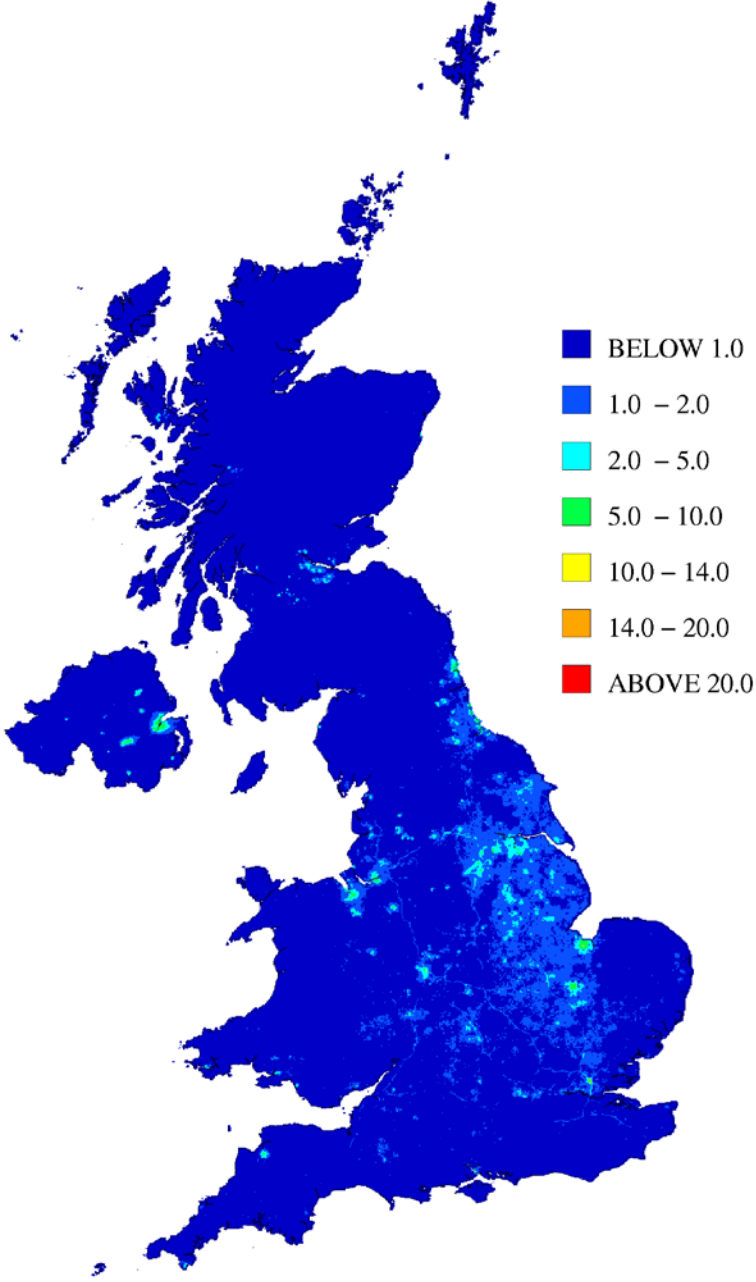


Figure 23. Annual mean background Lead concentration, 2012 (ng m⁻³)

