

## APPENDIX B

### Update on Air Quality Monitoring sites across Leicestershire

This document provides a comprehensive, countywide overview of air quality monitoring on a district-by-district basis. It draws on information reported by district and borough councils through their respective Annual Status Reports (ASRs), with 2025 reports representing the most up-to-date available. These reports set out the findings of local authority monitoring activity undertaken in accordance with the Local Air Quality Management (LAQM) framework.

The document distinguishes between continuous (automatic) monitoring and non-automatic monitoring approaches in order to present a clear picture of how air quality is assessed across the county. Continuous monitoring stations are typically deployed in locations where there is a need for detailed, real-time data on pollutant concentrations. The information presented identifies where such reference-grade monitoring is undertaken, the pollutants measured, and whether sites are located within Air Quality Management Areas (AQMAs), thereby providing assurance regarding the robustness, spatial distribution, and strategic focus of continuous monitoring activity.

Non-automatic monitoring, primarily undertaken using diffusion tubes, provides a complementary network of monitoring locations and enables local authorities to assess air quality at a finer spatial scale. This approach supports the identification of localised variations in pollutant concentrations, particularly in relation to road traffic emissions and other potential sources. The inclusion of this information demonstrates the breadth and distribution of monitoring coverage across a wide range of communities and road types and illustrates how local authorities maintain an evidence base to support the ongoing review of air quality conditions.

Where automatic monitoring sites are not listed, this generally indicates that continuous monitoring has not been considered necessary based on the available evidence base. In such instances, air quality is assessed through alternative approaches, including non-automatic monitoring (e.g. diffusion tubes) and modelling, in line with national guidance. In these cases, it is noted that Hinckley & Bosworth and Melton currently have no declared Air Quality Management Areas (AQMAs). This demonstrates that there is no formal evidence of sustained exceedances of national air quality objectives that would ordinarily necessitate the declaration of an AQMA or the implementation of continuous (automatic) monitoring.

Overall, the information presented provides a proportionate and evidence-based overview of monitoring arrangements across the county, demonstrating how local authorities apply a combination of monitoring approaches to ensure that air quality is effectively assessed, targeted, and managed in accordance with national policy and guidance.

#### **Pollutant information**

**Nitrogen dioxide (NO<sub>2</sub>)** is a gas that is mainly produced during the combustion of fossil fuels, along with nitric oxide (NO). NO<sub>2</sub> can also be formed when NO reacts with certain oxidants in the atmosphere, such as ozone. These reactions take place very quickly and are reversible, so the two gases are referred to together as nitrogen oxides (NO<sub>x</sub>). The largest source is emissions from diesel light duty vehicles (cars and vans).

NO<sub>2</sub> is recognised as a Public Health issue as well as an environmental issue. Short-term exposure to concentrations of NO<sub>2</sub> higher than 200 µg/m<sup>3</sup> can cause inflammation of the airways and may increase susceptibility to respiratory infections (WHO, 2013). NO<sub>2</sub> can exacerbate the symptoms of those already suffering from lung or heart conditions.

Deposition of chemical compounds containing NO<sub>x</sub> to the environment can cause significant long-term harm to sensitive habitats by increasing nitrogen.

More information on NO<sub>2</sub> emissions, sources and impacts can be found here:

<https://www.gov.uk/government/statistics/air-quality-statistics/nitrogen-dioxide>

**Particulate matter PM<sub>10</sub> and PM<sub>2.5</sub>** Particulate Matter (PM) is everything in the air that is not a gas and as such it is made up from a huge variety of chemical compounds and materials, some of which are toxic. Due to the small size of many of the particles that form PM, some of these toxins may enter the bloodstream and be transported around the body, entering the heart, brain, and other organs. Exposure to PM can result in serious impacts on health, especially in vulnerable groups of people such as the young, elderly and those with respiratory problems.

PM is classified according to size. The UK currently focuses on estimating the fractions of PM emissions where particles are less than 10 micrometres in diameter (PM<sub>10</sub>) and less than 2.5 micrometres in diameter (PM<sub>2.5</sub>).

“Primary” PM is emitted directly as particles (for example, soot or dust) and “secondary” PM is formed in the atmosphere from reactions between other pollutants (for example ammonia or non-methane volatile organic compounds (NMVOCs)). Both PM and the precursor pollutants that can form it can travel large distances in the atmosphere. Around half of the concentrations of PM that people in the UK are exposed to come from either naturally occurring sources, such as pollen and sea spray, or are transported to the UK from international shipping and other countries. The remaining half of UK concentrations of PM come from human activities in the UK, such as wood burning, various industrial processes and tyre and brake wear from vehicles. As such, it is in the interest of the UK to identify and reduce all these emissions where possible.

More information on the annual emission trends of PM10 and PM 2.5 and major emission sources can be found at <https://www.gov.uk/government/statistics/emissions-of-air-pollutants/emissions-of-air-pollutants-in-the-uk-particulate-matter-pm10-and-pm25#:~:text=Annual%20emissions%20of%20PM2.5%20in%20the%20UK%20PM2.5>

Source: DEFRA emissions statistics (National Atmospheric Emissions Inventory), with supporting data from the Office for National Statistics (ONS)

The following tables describe monitoring locations, pollutants and methods across the County.

### **Information from Blaby District Council Annual Status Report 2025**

**Table A.1 – Details of Automatic Monitoring Sites**

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA?	Which AQMA? <sup>(1)</sup>	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(2)</sup>	Distance to kerb of nearest road <sup>(1)</sup>	Inlet Height (m)
CM1	Blaby 1 (Packhorse Drive, Enderby)	Roadside	454482	298573	NO <sub>2</sub> , PM <sub>10</sub>	No		Chemiluminescent; Gravimetric (TEOM)	12.6	0.7	3.0
CM4	Blaby 4 (Hinckley Road, LFE)	Roadside	453492	303315	NO <sub>2</sub>	No	Previously within now revoked AQMA 3	Chemiluminescent	22.0	3.6	1.5
CM5	Blaby 2 (Mill Hill, Enderby)	Roadside	453594	299549	NO <sub>2</sub> , PM <sub>2.5</sub>	Yes	AQMA 6: Mill Hill, Enderby	Chemiluminescent; Gravimetric (TEOM)	4.0	1.0	1.5
CM6	Blaby 5 (Lubbesthorpe Road, Braunstone Town)	Roadside	455722	300782	NO <sub>2</sub>	Yes	AQMA 7: Lubbesthorpe Road, Braunstone Town	Chemiluminescent	5.8	2.7	1.5
CM7	Blaby 3 (Stamford Street, Glenfield)	Roadside	453934	305999	NO <sub>2</sub>	No		Chemiluminescent	5.0	2.4	1.5

**Table A.2 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
1	Opposite 23 Kingsway, Braunstone Town	Suburban	455975	301134	NO <sub>2</sub>	No	11.0	1.5	No	2.2
4	Hall Walk, Enderby (near CM5)	Roadside	453605	299564	NO <sub>2</sub>	Yes, AQMA 6	2.9	1.3	No	1.9
16	The Cottage, Ratby Lane, LFE	Roadside	453235	304246	NO <sub>2</sub>	No	15.0	5.4	No	1.8
20	159 Enderby Road, Whetstone	Roadside	455819	297955	NO <sub>2</sub>	No	0.0	4.8	No	1.8
31	5 Hinckley Road, Sapcote	Roadside	448877	293447	NO <sub>2</sub>	No	0.0	1.2	No	1.8
41	9 Mill Hill, Enderby	Roadside	453467	299735	NO <sub>2</sub>	Yes, AQMA 6	0.0	3.8	No	1.7
48	98 Leicester Road, Enderby	Roadside	454516	298138	NO <sub>2</sub>	No	0.0	8.7	No	1.8
54	71 Hinckley Road, LFE	Roadside	453579	303381	NO <sub>2</sub>	No	24.6	3.2	No	1.9
57	6 Ratby Lane, LFE	Roadside	454091	303599	NO <sub>2</sub>	No	12.1	2.4	No	1.7
65	11 Stamford Street, Glenfield	Roadside	453890	306039	NO <sub>2</sub>	No	0.0	2.0	No	2.0

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
69	Railway Bridge, Station Road, Elmesthorpe	Roadside	447035	295874	NO <sub>2</sub>	No	51.2	1.2	No	1.9
73	1 New Road, Stoney Stanton	Roadside	449033	294721	NO <sub>2</sub>	No	6.7	2.4	No	1.9
74	3 Broughton Road, Stoney Stanton	Roadside	449112	294707	NO <sub>2</sub>	No	3.3	2.7	No	1.8
78	Hinckley Road, M69 Junction, Sapcote	Roadside	446182	293774	NO <sub>2</sub>	No	95.0	1.4	No	1.8
84	8 Station Road, Glenfield	Roadside	453915	306128	NO <sub>2</sub>	No	6.6	1.2	No	2.0
89	CM6, Lubbesthorpe Road, Braunstone Town	Suburban	455732	300762	NO <sub>2</sub>	Yes, AQMA 7	6.1	2.2	Yes	1.6
96	1 Broughton Road, Stoney Stanton	Roadside	449085	294702	NO <sub>2</sub>	No	0.0	1.6	No	1.7
100	Windsor Avenue, Glen Parva	Roadside	458292	298314	NO <sub>2</sub>	No	5.5	1.2	No	1.9
110	LP 83, Desford Road, Enderby	Kerbside	452957	300106	NO <sub>2</sub>	No	484.0	0.3	No	1.8
112	LP78, Mill Hill, Enderby	Kerbside	453126	300011	NO <sub>2</sub>	No	218.7	0.8	No	2.0

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
114	LP 71, Mill Hill, Enderby	Roadside	453323	299851	NO <sub>2</sub>	No	38.4	1.6	No	1.7
115	20 Mill Hill, Enderby	Roadside	453435	299743	NO <sub>2</sub>	Yes, AQMA 6	0.0	2.5	No	2.0
117	LP by walkway, Mill Hill, Enderby	Roadside	453495	299696	NO <sub>2</sub>	Yes, AQMA 6	10.8	1.7	No	2.1
118	LP 57, Hall Walk, Enderby	Roadside	453673	299481	NO <sub>2</sub>	Yes, AQMA 6	22.3	1.1	No	1.9
119	LP 62, Mill Hill, Enderby	Roadside	453571	299634	NO <sub>2</sub>	Yes, AQMA 6	20.7	1.6	No	1.9
121	16 Lubbesthorpe Road, Braunstone Town	Suburban	455702	300762	NO <sub>2</sub>	Yes, AQMA 7	0.0	16.6	No	1.6
122	20 Lubbesthorpe Road, Braunstone Town	Suburban	455681	300776	NO <sub>2</sub>	Yes, AQMA 7	8.8	1.6	No	1.8
123	1 Coventry Road, Narborough	Roadside	454028	297427	NO <sub>2</sub>	No	7.9	2.8	No	2.0

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

**Table A.1 – Details of Automatic Monitoring Sites**

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA?	Which AQMA? <sup>(1)</sup>	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(2)</sup>	Distance to kerb of nearest road (m) <sup>(1)</sup>	Inlet Height (m)
CM5	Mountsorrel	Industrial	457355	315396	PM <sub>10</sub> , PM <sub>2.5</sub>	No	N/A	Electrochemical Sensor ('Zephyr')	~34	N/A	~1.5
CM6	Loughborough	Suburban	450477	318529	NO <sub>2</sub> , PM <sub>10</sub> , PM <sub>2.5</sub>	No	N/A	Electrochemical Sensor ('Zephyr')	~50	~20	~2.0
CM7	Great Central Railway	Industrial	454380	319768	PM <sub>10</sub> , PM <sub>2.5</sub>	No	N/A	Electrochemical Sensor ('Zephyr')	0.0	N/A	~1.5

**Notes:**

(1) N/A if not applicable

(2) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

**Table A.2 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT1	Ratcliffe Rd (L'boro)	Roadside	454087	320392	NO <sub>2</sub>	No	0.0	3.0	No	0.7
DT2	Shelthorpe Rd (L'boro)	Roadside	454234	318657	NO <sub>2</sub>	No	8.0	3.0	No	2.3
DT3	Forest Rd (L'boro)	Roadside	452833	318776	NO <sub>2</sub>	No	0.0	6.0	No	1.8
DT4	Haydon Rd (L'boro)	Roadside	452314	319620	NO <sub>2</sub>	No	8.0	6.0	No	2.0
DT5	Alan Moss Rd / Epinal Way (L'boro)	Roadside	452173	319924	NO <sub>2</sub>	No	0.0	15.0	No	1.8
DT6	Epinal Way / Ling Rd (L'boro)	Roadside	453678	318678	NO <sub>2</sub>	No	0.0	9.0	No	2.3
DT7	Leicester Rd (L'boro)	Roadside	454002	319253	NO <sub>2</sub>	No	0.0	3.0	No	2.3
DT8	Derby Rd (L'boro)	Roadside	453231	320028	NO <sub>2</sub>	No	3.0	3.0	No	2.3
DT9	Derby Rd / Briscoe Avn (L'boro)	Roadside	452670	320527	NO <sub>2</sub>	No	3.0	4.0	No	2.3
DT10, DT11, DT12	Durham Rd (L'boro)	Urban Background	452352	320697	NO <sub>2</sub>	No	N/A	N/A	No	2.3
DT13	Alan Moss Rd / A6 Derby Rd (L'boro)	Roadside	452903	320212	NO <sub>2</sub>	No	0.0	8.0	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT14	High St (L'boro)	Roadside	453730	319596	NO <sub>2</sub>	No	0.0	3.0	No	2.3
DT15	Market Place (L'boro)	Urban Centre	453611	319540	NO <sub>2</sub>	No	N/A	N/A	No	2.3
DT16	Ashby Rd (L'boro)	Roadside	453189	319709	NO <sub>2</sub>	No	0.0	4.0	No	2.3
DT17	Cow Hill Lodge (Shepshed)	Roadside	448876	318307	NO <sub>2</sub>	No	0.0	10.0	No	1.8
DT18	Roseberry St (L'boro)	Roadside	452697	319921	NO <sub>2</sub>	No	3.0	3.0	No	2.3
DT19	Melton Rd Town Centre (Syston)	Roadside	462777	311692	NO <sub>2</sub>	No	3.0	3.0	No	2.3
DT20	1123 Melton Rd (Syston)	Roadside	461809	310728	NO <sub>2</sub>	No	0.0	6.0	No	1.8
DT21	1116 Melton Rd (Syston)	Roadside	462373	311254	NO <sub>2</sub>	No	0.0	6.0	No	2.0
DT22	Loughborough Rd (Birstall)	Roadside	459233	309233	NO <sub>2</sub>	No	0.0	15.0	No	1.8
DT23	A6 (Birstall)	Roadside	459178	309890	NO <sub>2</sub>	No	2.0	5.0	No	2.3
DT24	21 Humberstone Lane (Thurmaston)	Roadside	460821	308757	NO <sub>2</sub>	No	0.0	6.0	No	1.8
DT25	43 Humberstone Lane (Thurmaston)	Roadside	460895	308747	NO <sub>2</sub>	No	0.0	5.0	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT26	22 Humberstone Lane (Thurmaston)	Roadside	460835	308784	NO <sub>2</sub>	No	0.0	5.0	No	1.8
DT27	Ashby Rd Central (Shepshed)	Roadside	448121	318257	NO <sub>2</sub>	No	12.0	2.0	No	2.3
DT28	Loughborough Rd (Hathern)	Roadside	450260	321922	NO <sub>2</sub>	No	30.0	3.0	No	2.3
DT29	Barrow Street (L'boro)	Roadside	453901	319488	NO <sub>2</sub>	No	0.0	10.0	No	2.0
DT30	School Street (L'boro)	Urban Background	453946	319619	NO <sub>2</sub>	No	5.0	3.0	No	2.3
DT31	Fennel Street (L'boro)	Roadside	453694	319890	NO <sub>2</sub>	No	0.0	3.0	No	2.3
DT32	High Street (Syston)	Roadside	462369	311809	NO <sub>2</sub>	No	0.0	4.0	No	2.3
DT33, DT34, DT35	Syston AQMS	Roadside	462540	311428	NO <sub>2</sub>	No	10.0	3.0	No	1.8
DT36, DT37, DT38	Baxter Gate AQMS	Kerbside	453687	319672	NO <sub>2</sub>	No	N/A	1.0	No	1.8
DT39	Nottingham Rd (L'boro)	Roadside	454154	320116	NO <sub>2</sub>	No	0.0	3.0	No	2.3
DT40	156 Ratcliffe Rd (L'boro)	Roadside	454285	320294	NO <sub>2</sub>	No	0.0	6.0	No	1.8
DT41	156 Meadow Lane (L'boro)	Roadside	453933	320663	NO <sub>2</sub>	No	0.0	8.0	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT42	31 Station Boulevard (L'boro)	Roadside	454142	320593	NO <sub>2</sub>	No	0.0	9.0	No	1.8
DT43	91 Wharncliffe Rd (L'boro)	Roadside	454250	319682	NO <sub>2</sub>	No	0.0	4.0	No	1.8
DT44	3 Simpson Cl (Syston)	Suburban	461499	310459	NO <sub>2</sub>	No	0.0	30.0	No	1.8
DT45	1 Brackenfield Way (Thurmaston)	Suburban	461994	309975	NO <sub>2</sub>	No	0.0	8.0	No	1.8
DT46	74 Hathern Rd (Shepshed)	Roadside	448311	320511	NO <sub>2</sub>	No	0.0	8.0	No	1.8
DT47	7 Shepshed Rd (Hathern)	Roadside	449935	322227	NO <sub>2</sub>	No	0.0	11.0	No	1.8
DT48	37 Darwin Crescent (L'boro)	Suburban	450942	321076	NO <sub>2</sub>	No	0.0	15.0	No	1.8
DT49	Far Street (Wymeswold)	Roadside	460313	323521	NO <sub>2</sub>	No	1.0	2.0	No	2.3
DT50	Cropston Rd (Anstey)	Roadside	455141	308686	NO <sub>2</sub>	No	1.0	3.0	No	2.0
DT51	15 Leicester Rd (Anstey)	Roadside	455167	308549	NO <sub>2</sub>	No	0.0	4.0	No	2.3
DT52	22 Main Street (Barkby)	Rural	463483	309880	NO <sub>2</sub>	No	0.0	4.0	No	2.3
DT53	Frederick Street (L'boro)	Roadside	453277	319248	NO <sub>2</sub>	No	0.0	4.0	No	2.3

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT60	Nanpantan Rd (L'boro)	Roadside	451629	317677	NO <sub>2</sub>	No	9.0	3.0	No	2.3

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

**Information from Harborough District Council from Annual Status Report 2025**

**Table A.1 – Details of Automatic Monitoring Sites**

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA?	Which AQMA? <sup>(1)</sup>	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(2)</sup>	Distance to kerb of nearest road (m) <sup>(1)</sup>	Inlet Height (m)
A1	Kibworth	Roadside	468114	294353	NO <sub>2</sub>	yes	Kibworth	chemiluminescence	9	2.5	1.8
Z2	Kibworth	Roadside	468309	294352	NO <sub>2</sub> PM <sub>2.5</sub> PM <sub>10</sub>	yes	Kibworth	Zephyr	0	1.4	2.5
Z3	North Kilworth	Rural	461675	283303	NO <sub>2</sub> PM <sub>2.5</sub> PM <sub>10</sub>	No	N/A	Zephyr	N/A	N/A	2

**Notes:**

(1) N/A if not applicable

(2) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

**Table A.2 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
01n	Lut. Service Shop	Roadside	454475	284560	NO2		0.0	4.2	No	1.8
11n	Day Nursery	Roadside	454539	284932	NO2		9.0	1.3	No	1.8
12n	A6 Kibworth	Roadside	468425	294314	NO2	Kibworth	10.7	1.3	No	1.8
18n	Jazz Hair	Roadside	454443	284348	NO2		0.0	3.0	No	1.8
22n	77 Leicester Road	Roadside	454533	284872	NO2		0.0	13.5	No	1.8
23n	6 The Terrace Rugby Road	Roadside	454428	284274	NO2		0.0	2.5	No	1.8
24n	Regent Court	Roadside	454410	284326	NO2		2.0	1.0	No	1.8
25n	26 Market Street Lutterworth	Roadside	454497	284618	NO2		1.6	4.8	No	1.8
26n	24 Rugby Road Lutterworth	Roadside	454432	284229	NO2		0.0	2.0	No	1.8
27n	17 Rugby Road Lutterworth	Roadside	454476	284178	NO2		3.7	5.2	No	1.8
28n	Spencerdene Main Street Theddingworth	Roadside	466535	285545	NO2		1.2	0.2	No	1.8
29n	Homeside Main Street Theddingworth	Roadside	466651	285607	NO2		0.2	1.4	No	1.8
30n	40 Regent Street Lutterworth	Roadside	466651	285607	NO2		0.2	1.4	No	1.8
31n	69 Leicester Road Kibworth	Roadside	467933	294660	NO2	Kibworth	3.5	4.0	No	1.8
32n	Alma House, Watling Street Claybrooke Parva	Roadside	448065	287719	NO2		0.0	7.0	No	1.8

Diffusion Tube	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
33n	Sign post outside White House Farm Watling Street	Roadside	448948	286554	NO2		14.0	1.0	No	1.8
34n	Sign outside 64 Leicester Road Kibworth	Roadside	468143	294351	NO2	Kibworth	0.5	2.3	No	1.8
35n	Lamppost outside 78 Leicester Road Kibworth	Roadside	468022	294450	NO2	Kibworth	3.1	6.4	No	1.8
36n	Signpost just north of 11 Leicester Road Kibworth	Roadside	468309	294352	NO2	Kibworth	0.0	1.4	No	1.8
37n	Pizza Express st Marys Road	Roadside	473749	287214	NO2		0.0	1.4	No	1.8
38n	Coach and Horses Kibworth	Roadside	468403	294298	NO2	Kibworth	2.2	2.5	No	1.8
39n	Lamppost 29 church Road Kibworth	Roadside	468412	294218	NO2		10.2	2.0	No	1.8
40n	106 Main Street Kibworth	Roadside	468027	294570	NO2		0.0	1.7	No	1.8
41n	Lamppost outside 52 Leicester Road	Roadside	468982	293824	NO2		9.0	2.2	No	1.8
42n	Road sign on Leicester Road, rear of 9 Milestone Close	Roadside	469037	293796	NO2		12.0	2.0	No	1.8
43n	3 Dunton Road BA	Roadside	453583	292002	NO2		2.9	1.5	No	1.8
45n	16 Main Street, BA (on wooden pole outside the shop)	Roadside	453625	291935	NO2		2.0	0.2	No	1.8
46n	Lampost est of 5 Lutterworth Road Walcote	Roadside	456575	283605	NO2		3.0	0.2	No	1.8

Diffusion Tube	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
47n	SW junction welland park road and Northampton Road MH	Roadside	473596	286821	NO2		14.0	2.3	No	1.8
48n	53 Northampton Road MH	Roadside	473598	286851	NO2		9.0	1.0	No	1.8
49n	7 Leicester Road MH	Roadside	473172	287534	NO2		2.6	2.9	No	1.8
50n	Lamppost outside 12 Springfield Street MH	Roadside	473678	286931	NO2		2.1	1.9	No	1.8
51n	Lamppost carpark adj. Fleckney Fish Bar, High Street	Roadside	464971	293501	NO2		0.1	2.0	No	1.8
52n	Lamppost outside Thurnby Memorial Hall, Main Street, Bushby	Roadside	464773	303914	NO2		1.6	3.8	No	1.8

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

**Table A.2 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
1	Trinity Lane	Urban Centre	442417	293808	NO2	No AQMA	0.0	3.0	No	2.0
2	1 Rufford Close	Suburban	442903	291349	NO2	No AQMA	0.0	7.0	No	2.0
3	562 Coventry Road	Suburban	440106	293080	NO2	No AQMA	0.0	16.0	No	2.0
4	Rivendell A5	Suburban	439736	293244	NO2	No AQMA	0.0	21.0	No	2.0
5	Peckleton Lane Desford	Suburban	448012	302544	NO2	No AQMA	14.0	1.0	No	2.0
6	207 Rugby Road, Burbage	Suburban	442592	292938	NO2	No AQMA	0.0	9.0	No	2.0
7	66 London Road	Suburban	443624	293829	NO2	No AQMA	0.0	10.0	No	2.0
8	Wood Street, Earl Shilton	Urban Centre	446320	297756	NO2	No AQMA	5.0	1.0	No	2.5
9	Shilton Bypass	Suburban	446696	296771	NO2	No AQMA	24.0	6.0	No	2.0
11	216 Markfield Road, Groby	Suburban	451376	308147	NO2	No AQMA	0.0	13.0	No	2.0
13	36 Groby Road, Ratby	Suburban	451560	306273	NO2	No AQMA	0.0	18.0	No	1.7
10, 12, 14	6 Shaw Lane	Rural	447113	311660	NO2	No AQMA	0.0	8.0	No	1.7
15	93 Rugby Road, Hinckley	Urban Centre	442291	293579	NO2	No AQMA	0.0	5.0	No	2.0
16	171 Rugby Road, Hinckley	Suburban	442328	293264	NO2	No AQMA	0.0	7.0	No	2.0

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

**Information from Melton Borough Council Annual Status Report 2025**

**Table A.1 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
MMDT1	Wilton Road	Urban Centre	475029	319164	NO2	No	15.0	2.0	MMDT1	2.5m
MMDT2	Leicester Road (B&Q)	Roadside	474301	318366	NO2	No	12.0	2.5	MMDT2	2.5m
MMDT3	Brook Street	Roadside	475753	319167	NO2	No	1.0	1.0	MMDT3	2.5m
MMDT4	Jct Thorpe Road / Norman Way	Urban Centre	475763	319262	NO2	No	0.2	1.0	MMDT4	2.5m
MMDT5	Nottingham Road (Tesco PS)	Roadside	474704	320100	NO2	No	7.0	1.7	MMDT5	2.5m
MMDT6	Otter Road	Suburban	474022	318299	NO2	No	4.0	1.5	MMDT6	2.5m
MMDT7	Jct Nottingham Rd / Norman Way	Urban Centre	474991	319403	NO2	No	12.5	1.3	MMDT7	2.5m
MMDT8	Discovery Drive	Roadside	475192	321173	NO2	No	5.0	1.0	MMDT8	2.5m
MMDT9	Nottingham Road Nether Broughton	Roadside	469587	325495	NO2	No	1.0	3.5	MMDT9	2.5m
MMDT10	Norman Way 2 (Court House)	Urban Centre	475183	319378	NO2	No	1.0	1.5	MMDT10	2.5m
MMDT11	Jct Norman Way / Wilton Road	Urban Centre	475021	319364	NO2	No	4.0	3.0	MMDT11	2.5m
MMDT12	Jct Dalby Way / Wilton Road	Roadside	474879	318971	NO2	No	18.5	2.0	MMDT12	2.5m
MMDT13	Jct Leicester Street / Wilton Rd	Urban Centre	475046	319132	NO2	No	1.0	0.5	MMDT13	2.5m
MMDT14	Sherrard Street	Urban Centre	475394	319128	NO2	No	2.0	1.5	MMDT14	2.5m
MMDT15	Nottingham Road	Roadside	474954	319437	NO2	No	5.0	2.0	MMDT15	2.5m
MMDT16	Burton Street	Roadside	475342	318960	NO2	No	2.0	0.3	MMDT16	2.5m

**Information from North West Leicestershire District Council**

Table A.1 – Details of Automatic Monitoring Sites

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA?	Which AQMA ? <sup>(1)</sup>	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(2)</sup>	Distance to kerb of nearest road (m) <sup>(1)</sup>	Inlet Height (m)
Z4	Bardon Quarry (Z904)	Rural	445286	312418	NO <sub>2</sub> , PM <sub>10</sub> PM <sub>2.5</sub>	NO		Zephyr Low cost analyser	N/A	N/A	3
Z6	Oakthorpe (Z1142)	Rural	432654	313155	NO <sub>2</sub> , PM <sub>10</sub> PM <sub>2.5</sub>	NO		Zephyr Low cost analyser	N/A	N/A	3

**Notes:**

(1) N/A if not applicable

(2) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

Table A.2 – Details of Non-Automatic Monitoring Sites

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
06N	Broomleys junction (1)	Roadside	443632	314026	NO <sub>2</sub>		5.8	2.0	No	1.8
08N	End Cottage Copt Oak	Rural	448138	313012	NO <sub>2</sub>		0.0	N/A	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
12N	Aeropark	Other	444161	326355	NO2		N	N/A	No	1.8
14N	CD 69 HIGH St	Roadside	444211	326781	NO2	Castle Donington	0.0	2.9	No	1.8
16N	Bondgate CD crossroads	Roadside	444451	327233	NO2	Castle Donington	7.5	1.0	No	1.8
17N	13 Bondgate CD	Roadside	444216	326788	NO2	Castle Donington	0.0	2.9	No	1.8
18N	34 Bondgate CD	Roadside	444580	327410	NO2	Castle Donington	0.0	2.3	No	1.8
19N	94 Bondgate CD	Roadside	444450	327233	NO2	Castle Donington	7.5	1.0	No	1.8
23N	120 Whatton Road Kegworth	Roadside	448523	326885	NO2		3.2	1.0	No	1.8
31N	Sinope	Roadside	440167	315264	NO2		7.8	3.2	No	1.8
32N	M1 Bridge Copt Oak	Other	448082	313100	NO2		N	N/A	No	1.8
40N	35 High Street Castle Donington	Roadside	444323	326975	NO2		3.0	0.9	No	1.8
41N	18 High Street Castle Donington	Roadside	444474	327171	NO2		4.0	1.0	No	1.8
43N	Direction Sign Bardon Rd/A511 RBT	Roadside	443675	313642	NO2		2.4	3.0	No	1.8
47N	12 Derby Rd Kegworth	Roadside	448639	326805	NO2		4.7	2.5	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
48N	28 London Road Kegworth	Roadside	448792	326533	NO2		0.8	1.5	No	1.8
49N	Hugglescote crossroads	Roadside	442562	312823	NO2		4.1	2.5	No	1.8
50N	10 Central Road Hugglescote	Roadside	442578	312871	NO2		5.4	1.0	No	1.8
51N	40mph sign N of petrol station	Roadside	448361	326997	NO2		9.6	3.2	No	1.8
53n	20mph sign outside 10 Greenhill Road	Roadside	448724	326702	NO2		0.0	1.3	No	1.8
54N	parking restrictions sign adj drive 12 & 20 Park Lane	Roadside	444331	327257	NO2		8.8	2.0	No	1.8
56N	lamppost adjacent 27 Broomleys Road	Roadside	443649	314040	NO2		1.8	1.2	No	1.8
57N	lamppost outside 21 Broomleys Road	Roadside	443630	314028	NO2		4.7	3.0	No	1.8
58N	cycle route sign outside 34 Broomleys Road	Roadside	448436	326931	NO2		5.9	2.5	No	1.8
59N	zebra crossing The Green Whitwick	Roadside	442754	317177	NO2		0.5	0.5	No	1.8
60N	lamppost outside 53 North Street Whitwick	Roadside	443366	316277	NO2		0.0	1.0	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
61N	lamppost outside 53 Wood Street Ashby	Roadside	436194	316958	NO2		1.0	1.0	No	1.8
62N	lamppost 45 The Callis, Ashby (opposite Rowena Drive)	Roadside	435587	317204	NO2		4.0	0.5	No	1.8
63N	Whitwick Road Coalville	Roadside	442800	314466	NO2		0.0	2.4	No	1.8
65N	School Melbourne Road Ibstock	Roadside	440566	310316	NO2		5.0	2.2	No	1.8
67n	Chippy 76 Melbourne Road Ibstock	Roadside	440537	310041	NO2		2.5	0.5	No	1.8
68N	125 Melbourne Road Ibstock	Roadside	440598	310238	NO2		0.0	4.0	No	1.8
69N	2 South Lane Bardon industrial	Other	446935	323744	NO2		N	N/A	No	1.8

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

**Table A.1 – Details of Automatic Monitoring Sites**

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(2)</sup>	Distance to kerb of nearest road (m) <sup>(1)</sup>	Inlet Height (m)
CS - 27299	Wigston, Blaby Road	Roadside	459004	298390	NO <sub>2</sub>	NO	Chemiluminescent	3.5	3.5	1.5

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable

---

**Table A.2 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT1	Glen Rd, A6	Kerbside	463208	299913	NO2	N	5.0	12.5	No	2.2
DT2	Upland Rd/Junction A6	Kerbside	462590	300513	NO2	N	7.1	12.7	No	2.3
DT3	Victoria Court	Kerbside	461856	301027	NO2	N	0.8	14.0	No	2.2
DT4	Church Nook/Bullhead St	Kerbside	460881	299075	NO2	N	8.8	25.0	No	2.2
DT5	Leicester Rd, Wigston	Kerbside	460541	299722	NO2	N	2.9	4.0	No	2.3
DT6	Shackerdale Rd/Aylestone Ln	Kerbside	459448	299747	NO2	N	3.9	13.4	No	2.2
DT7	259 Aylestone Ln	Kerbside	459329	299796	NO2	N	2.6	20.0	No	2.3
DT8	225 Aylestone Ln/West Ave	Kerbside	459566	299690	NO2	N	5.7	17.6	No	2.2
DT9	Dorset Avenue/Saffron Road	Kerbside	458297	299426	NO2	N	1.1	14.1	No	2.4
DT10	Tigers Lane/Saffron Road	Kerbside	458454	298789	NO2	N	2.3	23.3	No	2.4
DT11	Vicarage Blaby Road	Kerbside	458625	298308	NO2	N	1.6	8.3	No	2.2

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
DT12	45 Blaby Road	Kerbside	458778	298335	NO2	N	0.6	3.7	No	2.2
DT13	50A Blaby Road	Kerbside	458912	298371	NO2	N	0.7	5.6	No	2.3
DT14	4 Canal Street	Kerbside	458979	298314	NO2	N	1.0	0.5	No	2.5
DT15	11 Canal Street	Kerbside	458979	298314	NO2	N	0.7	1.6	No	2.2
DT16	Canal St/Station Street	Kerbside	459012	298276	NO2	N	0.7	3.8	No	2.2
DT17	4 Station Street	Kerbside	459015	298407	NO2	N	0.4	9.6	No	2.4
DT18	Health Centre Blaby Road	Kerbside	459065	298400	NO2	N	3.1	6.6	No	2.2
DT19	141 Blaby Road	Kerbside	459163	298414	NO2	N	12.9	16.8	No	2.2
DT20	2 Landsdowne Grove	Kerbside	459248	298438	NO2	N	2.1	9.8	No	2.3
DT21	Magna Rd/Station Rd	Kerbside	459337	298464	NO2	N	1.7	7.4	No	2.4
DT22	Harborough Road/Regent Street	Kerbside	462091	300830	NO2	N	5.5	5.5	No	2.2
DT23	Welford Road/Newton Lane	Kerbside	460895	298560	NO2	N	11.6	11.6	No	2.2

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

Leicestershire County Council publishes a series of interactive air quality dashboards which provide accessible, borough-level insights into monitored pollutant concentrations and trends across the county. These dashboards are derived from local authority monitoring data reported through the Local Air Quality Management (LAQM) framework and are intended to improve transparency and public understanding of air quality issues.

### **Nitrogen oxides (NO<sub>2</sub> / NO<sub>x</sub>) performance monitoring**

The Nitrogen Oxides Performance Monitoring dashboard presents information on long-term trends and spatial patterns in NO<sub>2</sub> concentrations across Leicestershire. It enables users to explore monitoring results by location and time period and provides context for understanding where concentrations may be approaching or exceeding national air quality objectives.

<https://public.tableau.com/app/profile/r.i.team.leicestershire.county.council/viz/LeicestershireAirQuality-NitrogenOxidesPerformanceMonitoring/NitrogenOxidesOverview>

Data source: <https://uk-air.defra.gov.uk/data/pcm-data>

# Air Quality in Leicestershire

## Diffusion Tube Air Quality Monitoring sites in Leicestershire for Nitrogen Dioxide (NO2).

Select Year  
2024

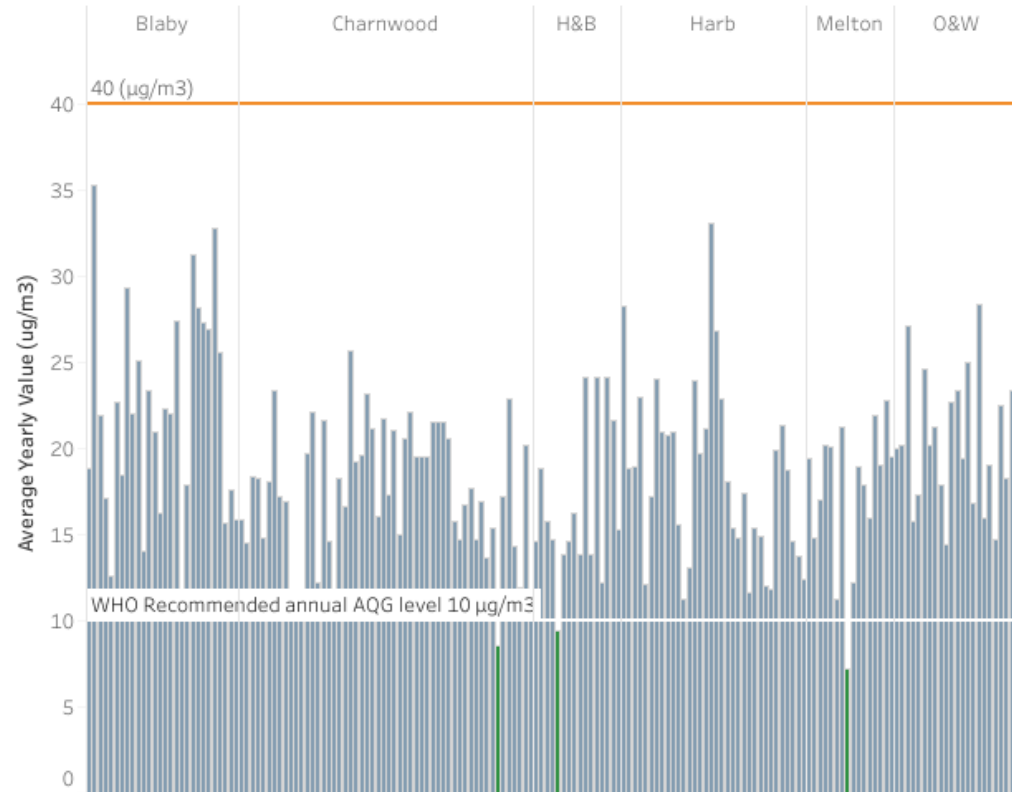
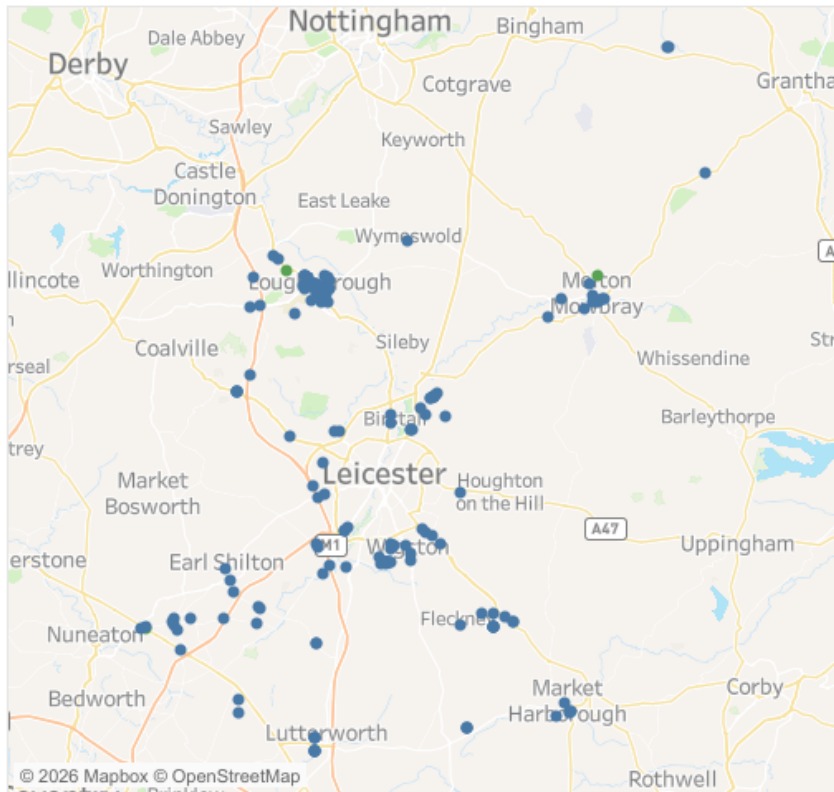
Select Districts  
All

NO2 Levels ( $\mu\text{g}/\text{m}^3$ ).  
■ Medium (10-40)     ■ Low (<10)

### Monitoring Locations

### NO2 Annual Mean of each monitoring location.

There were no recorded exceedances of the 40( $\mu\text{g}/\text{m}^3$ ) in 2024



Source: Leicestershire District Council's Annual Status Reports.

Produced by the Business Intelligence Service, Leicestershire County Council, 2026.

### **Particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>) performance monitoring**

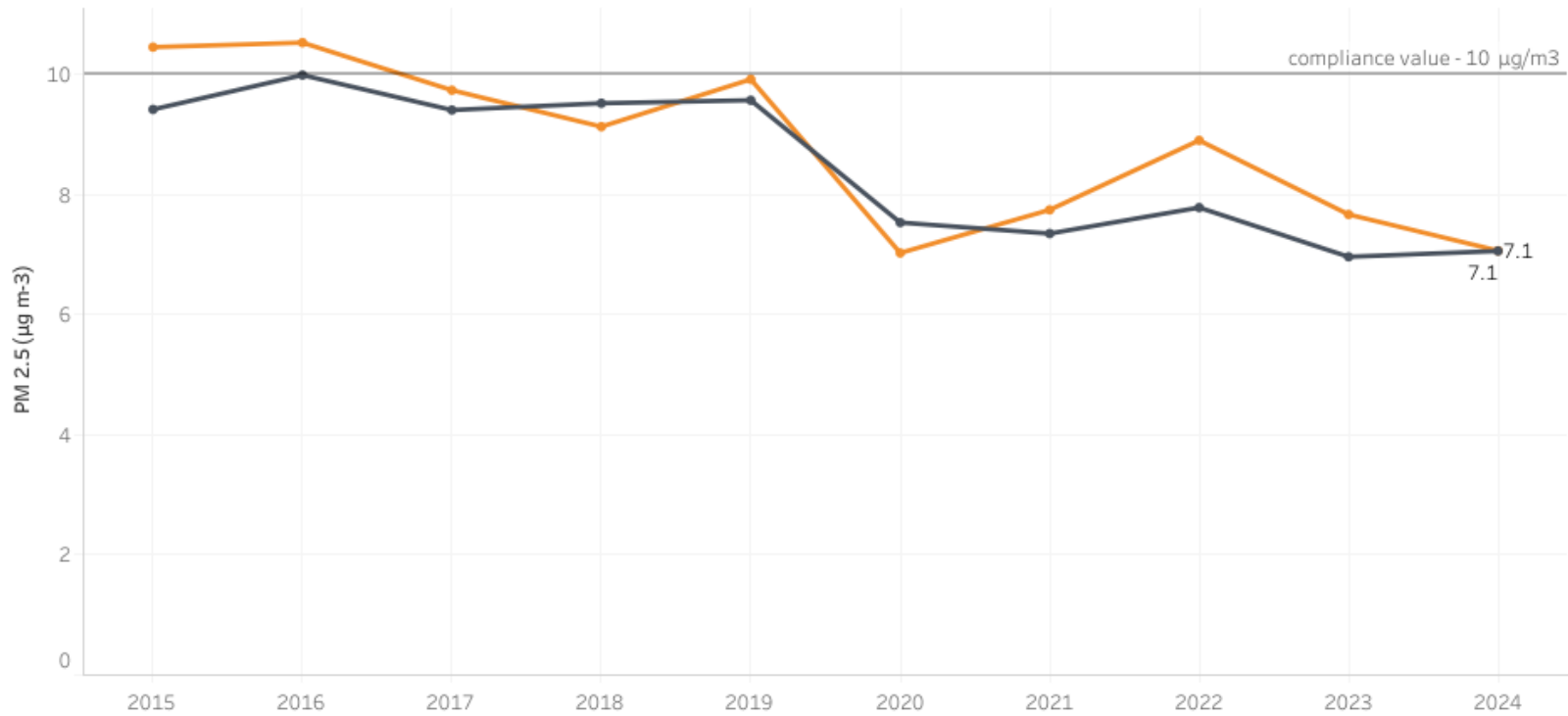
A Particulate Matter Performance Monitoring dashboard is also available, presenting information on PM<sub>10</sub> and PM<sub>2.5</sub> concentrations across Leicestershire. This dashboard supports understanding of population exposure to particulate pollution, which is recognised as having significant impacts on health, particularly for vulnerable groups.

The dashboard allows users to examine trends over time and differences between monitoring locations, helping to contextualise local PM concentrations within the wider county picture.

<https://public.tableau.com/app/profile/r.i.team.leicestershire.county.council/viz/LeicestershireAirQuality-ParticulateMatterPerformanceMonitoring/PMOverview>

# Air Quality in Leicestershire

Population-weighted annual mean PM2.5 data  
Concentrations over time ( $\mu\text{g m}^{-3}$ )



Show Filters

### Summary Findings

The latest results for PM2.5 (weighted annual mean) covering 2024 data is  $7.1 \mu\text{g/m}^3$  (micrograms/ cubic metre), which is an improvement on last year's data of  $7.7 \mu\text{g/m}^3$  (2023).

PM2.5 within Leicestershire is within the UK target of 10 micrograms/ cubic metre ( $\mu\text{g/m}^3$ ) and equal to the England value of  $7.1 \mu\text{g/m}^3$ . However, this result exceeds the World Health Organisations (WHO) recommendation of  $5 \mu\text{g/m}^3$  (microgram/cubic metre).

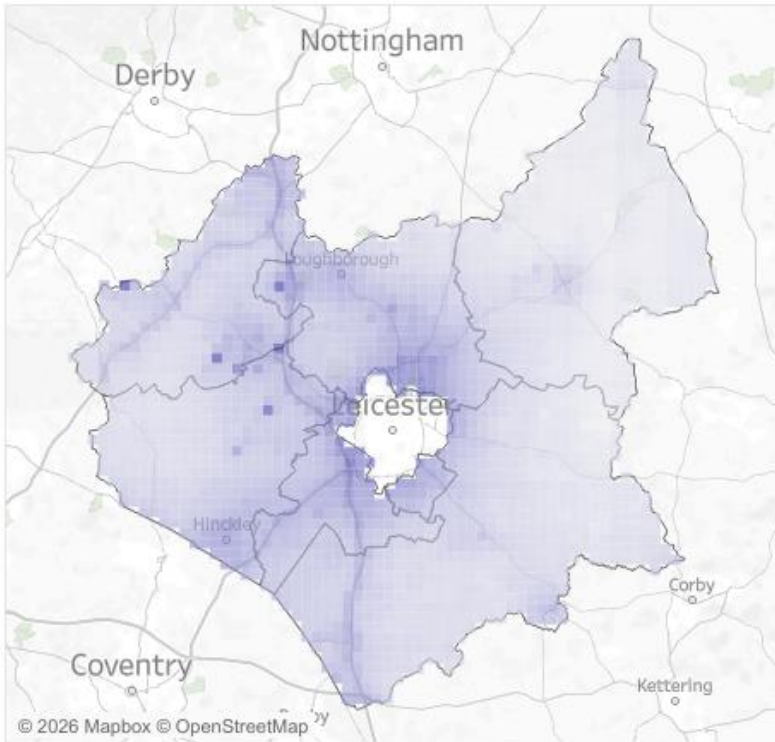
Area Name  
■ England  
■ Leicestershire

Source:DEFRA (2023). <https://uk-air.defra.gov.uk/data/pcm-data>  
Produced by the Business Intelligence Service, Leicestershire County Council, 2026.

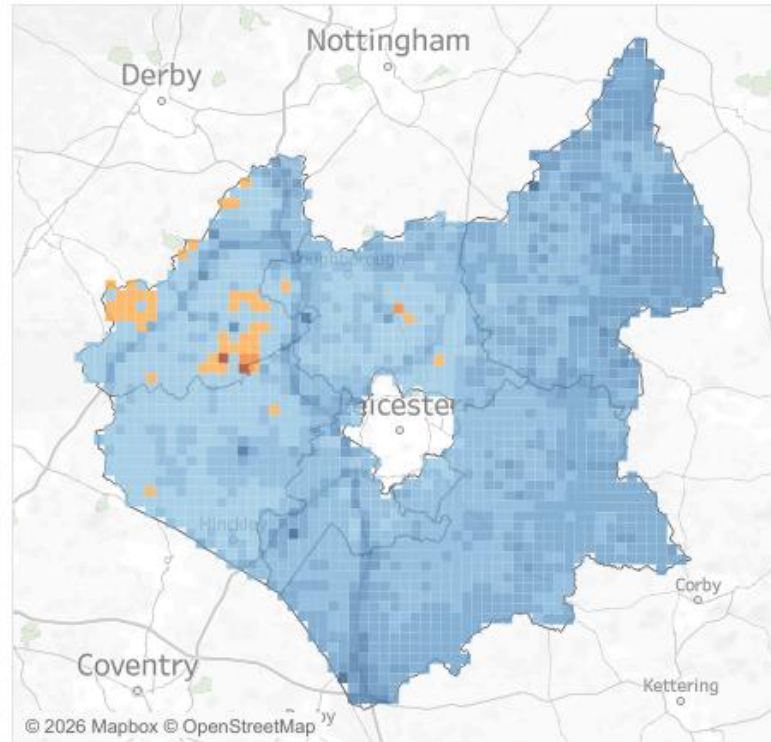
# Air Quality in Leicestershire

## LLR Modelled Background PM 2.5 Pollution Data

Modelled background data for PM2.5



Percentage change in modelled background data for PM2.5 between 2018 and latest year (2024)



Range of Value



2018-24 % Difference



Show Filters

The Western half of the county, where there is a higher proportion of towns and major county roads, tend to have higher PM2.5 background levels than the Eastern half of the county, which is much more rural with fewer towns and major roads.

In 2024, 8.6 was the highest modelled value for PM2.5 at the 1km square level, which was recorded in Shepshed. In 2023 the highest value was 11.7.

Comparing 2024 with 2018 the east of the county has shown greater reductions in PM2.5, with the least reductions highlighted in orange. Reductions in PM2.5 range from 6.9% to 37.2%. Notably North West Leicestershire District has seen the least reductions.

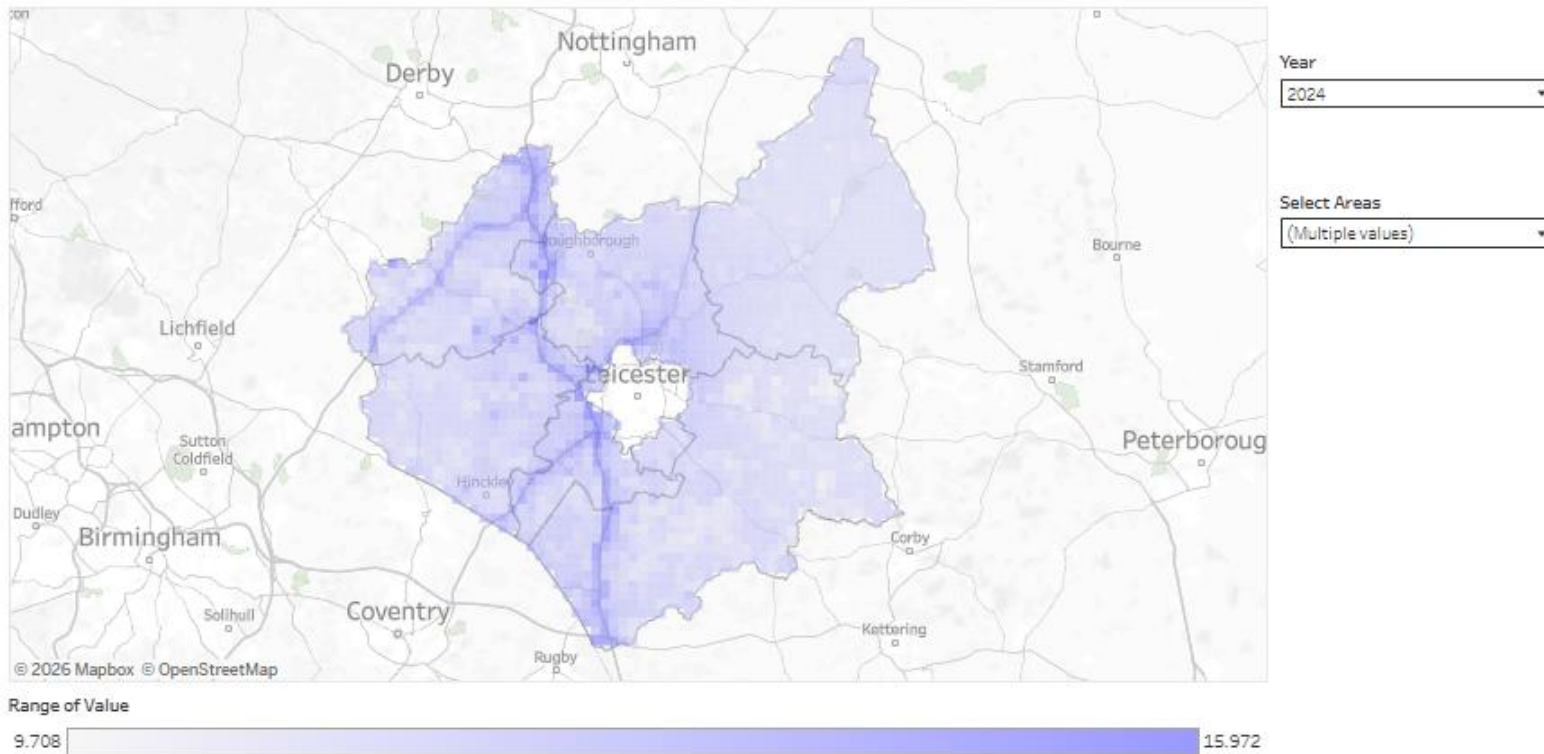
Leicestershire has no AQMA's declared for PM2.5. The Mountsorrel AQMA in Charnwood Borough was revoked in 2025.

 Source: DEFRA Modelled Background Pollution Data (2022). Data plotted by 1km OS grid. <https://uk-air.defra.gov.uk/data/pcm-data>  
Produced by the Business Intelligence Service, Leicestershire County Council, 2026.

# Air Quality in Leicestershire

## LLR Modelled Background Pollution Data with Leicestershire AQMA locations

### Modelled Background Data for PM10



Source: DEFRA Modelled Background Pollution Data (2022). Data plotted by 1km OS grid. <https://uk-air.defra.gov.uk/data/pqm-data>  
Produced by the Business Intelligence Service, Leicestershire County Council, 2026.

Together, these dashboards provide a transparent and accessible means for residents, practitioners and decision-makers to view official monitoring data and better understand local air quality conditions.

Please note the information presented in this document reflects the most recently available data reported through district and borough council Annual Status Reports, DEFRA, ONS and associated monitoring outputs. As such, it represents a snapshot in time and should be interpreted in the context of ongoing monitoring and review processes.

Air quality concentrations can vary from year to year and over short time periods due to factors including changes in traffic flows, weather conditions, seasonal influences, broader regional or national trends and variations in building type and use. The identification of exceedances and the assessment of compliance with air quality objectives are therefore based on sustained patterns observed through quality-assured monitoring rather than isolated readings.

Monitoring locations are selected to reflect areas of potential concern and relevant exposure, and do not provide uniform spatial coverage across all locations within a district. The absence of a monitoring site in a particular location does not indicate that air quality impacts are not occurring there.

Under the Local Air Quality Management (LAQM) framework, district and borough councils are responsible for local air quality review and assessment within their administrative areas. All local authorities also have broader duties to consider air quality, including PM<sub>2.5</sub>, when exercising their functions.

<https://www.gov.uk/government/publications/the-air-quality-strategy-for-england/air-quality-strategy-framework-for-local-authority-delivery>. Leicestershire County Council supports this work through strategic oversight, data collation, analysis and the provision of accessible public information where appropriate.

National datasets published by DEFRA are used to provide a consistent evidence base for understanding trends in PM<sub>2.5</sub>.

This page is intentionally left blank