

Appendix 2: Full 2024 annual diffusion tube NO₂ data

The following tables outline the 2024 annual average nitrogen dioxide (NO₂) concentrations in micrograms per cubic metre (µg/m³) for sites within the Clean Air Zone (CAZ_Only), the boundary area surrounding (including the urban areas of Batheaston and Bathampton; CAZ_Boundary) and those sites within the wider B&NES district (Wider_B&NES)

Table 1- showing sites within the CAZ_Only (sites within the CAZ boundary) site grouping which were recording data in 2024. 72 sites in total were used for analysis. TA= triplicate average (where three diffusion tubes are located at one site and an average of all three taken). TA*= sites that were triplicates in the 2019 baseline but have since become singular tubes.

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT003 - Broad St	37.5	21.7	-15.8
DT004 - George St	29.7	16.3	-13.4
DT005 - Gay St - Top	30.6	15.9	-14.7
DT009 - Upper Bristol Rd	30.5	17.8	-12.8
DT014 - Bathwick St	33.0	18.4	-14.7
DT015 - Beckford Rd	27.5	16.2	-11.3
DT016 - Warminster Rd	31.0	14.4	-16.5
DT017 - Widcombe School (TA*)	29.4	17.0	-12.4
DT018 - Widcombe High St (TA*)	23.1	15.3	-7.8
DT020 - Wells Rd (TA)	45.4	32.3	-13.1
DT021 - Wells Rd /Upper Oldfield Park	37.2	19.9	-17.3
DT037 - Charlotte St (TA*)	30.8	17.7	-13.0
DT039 - Manvers St	32.6	20.2	-12.4
DT042 - Dorchester St	48.0	30.3	-17.8
DT043 - St. James Parade	38.7	27.4	-11.4
DT045 - James St West	28.3	18.1	-10.2
DT060 - Victoria Buildings	44.1	25.3	-18.8

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT087 - Oak Street	29.2	18.0	-11.1
DT090 - Anglo Terrace (TA)	49.6	26.5	-23.1
DT145 - Lansdown Road	26.3	15.7	-10.6
DT147 - Terrace Walk	29.3	15.6	-13.7
DT148 - Julian Rd (TA)	26.1	17.2	-9.0
DT149 - Camden 3	25.1	15.3	-9.8
DT153 - North Road	16.6	11.2	-5.4
DT156 - Corn Street	27.6	16.0	-11.5
DT157 - Charles Street	27.3	16.8	-10.6
DT158 - Paragon 2	31.8	16.5	-15.3
DT159 - Walcot Street	25.7	14.5	-11.1
DT160 - North Parade Road	34.2	21.3	-13.0
DT172 - London Road 2 (TA)	47.9	23.7	-24.2
DT173 - Upper Bristol Road 2	33.2	21.1	-12.1
DT180 - Wells Road 2 (TA*)	34.8	23.1	-11.7
DT182 - Gay Street - Lower (TA)	42.4	22.9	-19.5
DT183 - Chapel Row	29.7	18.3	-11.3
DT198 - Walcot Parade (TA)	50.2	29.7	-20.5
DT207 - Darlington Street	38.0	22.0	-15.9
DT211 - St John's Road	21.1	11.0	-10.2
DT212 - Oldfield Road	19.5	10.4	-9.1
DT213 - Marlborough Lane (TA*)	20.7	12.4	-8.2
DT214 - Marlborough Buildings (TA*)	19.6	11.2	-8.3
DT215 - Queen Parade Place (TA*)	17.6	11.4	-6.2
DT216 - Monmouth Place (TA*)	26.0	17.4	-8.6

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT217 - Cavendish Road (TA*)	16.8	10.0	-6.9
DT219 - Morford Street	21.3	14.0	-7.4
DT221 - Gay Street - façade	35.9	20.4	-15.5
DT222 - Anglo Terrace façade (TA)	49.0	29.9	-19.1
DT223 - Canton Place (TA)	37.5	21.4	-16.1
DT224 - Walcot Parade 2 (TA)	55.2	32.9	-22.3
DT225 - Cleveland Terrace (TA)	37.5	23.7	-13.7
DT227 - Wells Road 3 (TA*)	40.4	24.5	-15.9
DT232 - Lansdown Road 3 (TA*)	29.4	18.6	-10.7
DT233 - Lansdown Road 4 (TA*)	28.2	17.9	-10.2
DT234 - Gay Street 2 (TA)	39.8	22.9	-16.9
DT235 - Wells Road 4 (TA)	36.9	26.3	-10.7
DT236 - Pulteney Terrace (TA*)	29.8	17.6	-12.2
DT237 - Broad Street 2	35.2	21.5	-13.7
DT238 - Broad Street 3 (TA)	33.8	18.3	-15.5
DT239 - Broad Street 4 ((TA)	36.7	24.4	-12.3
DT240 - Bathwick Street 2 (TA*)	30.4	15.2	-15.1
DT241 - Bathwick Street 3 (TA*)	24.0	12.9	-11.0
DT242 - Charlotte Street 2 (TA)	24.0	13.4	-10.7
DT243 - Sydney Place (TA*)	30.3	17.8	-12.5
DT246 - Dorchester Street 2 (TA*)	38.6	27.6	-11.0
DT247 - Monmouth Place 2 (TA*)	29.9	19.9	-10.0
DT248 - Chapel Row 2 (TA)	38.3	24.8	-13.6
DT288 - Victoria Buildings façade	N/A	21.3	N/A
DT294 - Walcot Parade 3	N/A	21.5	N/A

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT304 - Walcot Parade 4	N/A	31.7	N/A
DT305 - Wells Road 5	N/A	30.2	N/A
DT312 - Sydney Place 2	N/A	13.0	N/A
DT314 - Catharine Place	N/A	9.5	N/A
DT316 - Midland Road	N/A	10.3	N/A

Table 2- showing sites within the CAZ_Boundary (sites outside the CAZ boundary but within the urban area of Bath including Batheaston and Bathampton) site grouping which were recording data in 2024. 65 sites in total were for analysis. TA= triplicate average (where three diffusion tubes are located at one site and an average of all three taken). TA*= sites that were triplicates in the 2019 baseline but have since become singular tubes.

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT008 - Windsor Bridge	28.1	17.1	-11.0
DT026 - Upper Wellsway	27.0	16.9	-10.1
DT034 - Newbridge Rd	31.2	17.7	-13.5
DT052 - Walcot Terrace (TA)	36.1	20.6	-15.6
DT055 - Lambridge	36.2	22.8	-13.4
DT058 - Batheaston - London Rd West A	25.0	13.9	-11.1
DT062 - Argyle Terrace	37.2	22.3	-14.9
DT084 - Bearflat	30.4	18.9	-11.5
DT085 - RUH North	26.4	18.4	-8.0
DT091 - Bathampton High Street	23.1	13.0	-10.1
DT094 - Batheaston - London Rd West B	25.5	14.4	-11.0
DT130 - Batheaston - London Road West C	26.1	14.5	-11.5
DT142 - Prior Park Road	32.8	21.3	-11.5
DT143 - Rackfield Place	26.2	17.8	-8.4
DT150 - Brougham Hayes	29.5	18.7	-10.7
DT151 - Widcombe Hill	26.7	14.3	-12.4
DT152 - Bathwick Hill	25.2	14.1	-11.1
DT154 - Bradford Road	27.9	16.9	-11.0
DT155 - Newbridge Hill 2	18.4	9.9	-8.4
DT163 - A4 Box Road, Batheaston	22.7	15.0	-7.8
DT165 - Brassknocker Hill	36.7	18.3	-18.4

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT166 - A36 Bathampton	27.7	12.8	-14.8
DT167 - Weston High St	22.3	13.2	-9.1
DT168 - Englishcombe Lane	13.5	9.4	-4.2
DT169 - Eastbourne Ave	22.8	13.2	-9.5
DT171 - Frome Road/Upper Bloomfield	26.8	16.5	-10.3
DT179 - Upper Bristol Road 3 (TA*)	36.7	21.5	-15.2
DT181 - Wellsway	33.2	18.9	-14.3
DT185 - Greenway Lane	16.3	9.0	-7.3
DT186 - Coronation Ave	20.2	11.8	-8.4
DT187 - Stanley Road West	23.4	14.7	-8.7
DT188 - Moorland Road	22.3	13.3	-9.0
DT189 - Old Newbridge Hill	29.3	17.8	-11.5
DT190 - Church Street	13.5	7.3	-6.2
DT191 - Batheaston - Mill Lane	19.0	10.7	-8.4
DT192 - Fairfield Road	16.1	10.4	-5.6
DT193 - Granville Road	9.5	5.4	-4.0
DT194 - Brooklyn Road	16.2	9.9	-6.3
DT195 - Lansdown Lane	20.7	15.2	-5.5
DT196 - Oakley	28.2	12.9	-15.3
DT197 - Rush Hill	24.5	14.2	-10.2
DT199 - Hensley Road	12.9	7.7	-5.2
DT200 - Millmead Road	15.5	9.9	-5.5
DT201 - The Hollow	23.7	15.6	-8.1
DT202 - Charlcombe	14.2	8.2	-6.1
DT206 - Park Lane (TA*)	31.1	19.4	-11.8

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT209 - Bellots Road	18.8	12.6	-6.3
DT210 - Red Lion Roundabout	32.6	21.5	-11.1
DT218 - Weston Road	19.0	12.2	-6.7
DT226 - AURN (triplicate average)	31.5	20.3	-11.1
DT228 - Lower Bristol Road 2 (TA*)	28.8	16.1	-12.7
DT229 - Lower Bristol Road 3 (TA)	35.9	21.2	-14.7
DT230 - Upper Bristol Road 4 (TA)	49.8	25.7	-24.1
DT231 - Upper Bristol Road 5 (TA)	41.2	24.0	-17.2
DT244 - Whiteway	18.4	12.2	-6.2
DT245 - Whiteway 2	25.0	13.4	-11.6
DT300 - Penn Hill Road	N/A	10.6	N/A
DT301 - Southlands	N/A	6.7	N/A
DT302 - Anchor Road	N/A	18.0	N/A
DT303 - Prior Park Road 2	N/A	11.6	N/A
DT313 - Sham Castle Lane	N/A	8.5	N/A
DT315 - Sion Hill	N/A	7.2	N/A
DT320 - Cleveland Walk	N/A	5.8	N/A
DT321 - Sion Road	N/A	6.0	N/A
DT322 - Winifred's Lane	N/A	10.9	N/A

*Automatic Urban and Rural Network – these diffusion tubes are located at the Council's Urban and Rural Network monitoring site located on A4 London Road.

Table 3- showing sites within the Wider_B&NES (sites outside of Bath, Batheaston and Bathampton urban areas, but within the rural areas and district wider urban areas of B&NES) site grouping which were recording data in 2024. 29 sites in total were used for analysis. TA= triplicate average (where three diffusion tubes are located at one site and an average of all three taken). TA*= sites that were triplicates in the 2019 baseline but have since become singular tubes.

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT032 - Whitchurch	33.4	22.3	-11.2
DT033 - Keynsham (TA)	12.0	7.2	-4.8
DT065 - Keynsham - Charlton Rd A	26.6	17.2	-9.4
DT066 - Keynsham - High St A	31.8	23.2	-8.5
DT067 - Keynsham - Somerfield	30.6	19.9	-10.7
DT075 - Saltford - The Crown	30.4	17.6	-12.8
DT077 - Saltford - Bath Rd	26.5	16.2	-10.2
DT096 - Temple Cloud 1 (TA)	56.4	35.4	-21.0
DT098 - Whitchurch 2	30.1	17.0	-13.1
DT100 - Whitchurch 4	24.9	15.2	-9.7
DT101 - Whitchurch 5	36.0	22.2	-13.9
DT107 - Keynsham - Bath Hill (South)	32.7	21.8	-10.9
DT108 - Temple Cloud 2 (TA)	39.0	24.4	-14.7
DT109 - Temple Cloud 3 (TA*)	36.1	22.0	-14.0
DT134 - Farrington Gurney 2	38.8	24.1	-14.7
DT136 - Farrington Gurney 3	37.3	22.1	-15.1
DT138 - Farrington Gurney 5	35.6	22.5	-13.1
DT141 - Keynsham A4	30.9	19.6	-11.3
DT252 - Temple Cloud 9	N/A	28.7	N/A
DT253 - Temple Cloud 10 (TA)	N/A	29.8	N/A
DT255 - Temple Cloud 12	N/A	31.5	N/A

Site ID	2019 NO ₂ concentration (µg/m ³)	2024 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT295 - Radstock - Bath New Road	N/A	35.4	N/A
DT296 - Old Mills	N/A	17.5	N/A
DT307 - Radstock - Bath New Road 3	N/A	29.2	N/A
DT317 - Radstock - Combe End	N/A	13.6	N/A
DT318 - Keynsham Bypass North	N/A	14.9	N/A
DT319 - Keynsham - Bypass South	N/A	13.4	N/A
DT323 - Hick's Gate A4	N/A	13.9	N/A
DT324 - Hick's Gate A4174	N/A	23.5	N/A