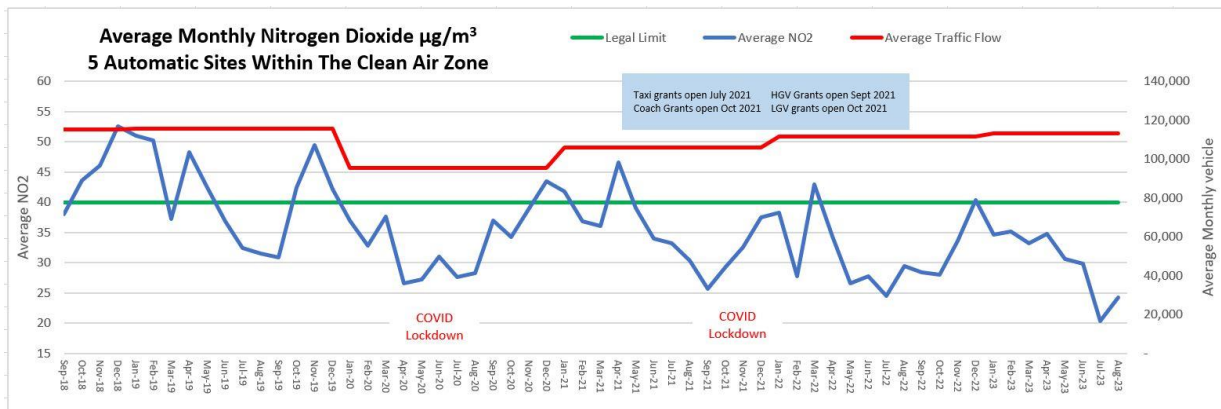


Bradford Clean Air Zone

Automatic Air Quality Monitoring September 2018 to August 2023

We have reported average monthly data from five automatic monitoring sites in the Clean Air Zone (CAZ). The graph below shows some of the lowest levels of NO₂ recorded in Bradford this summer, this is despite traffic now returning to pre-pandemic levels.



Things to consider when looking at the data:

- The Ministerial Direction was served to implement a Class C+ CAZ in February 2020.
- Vehicle upgrades and distribution of grants takes time. Some of the cleaner vehicles were in Bradford in advance of the launch of the CAZ on 26th September 2022
- Since 2020 the following local fleets were upgraded or replaced making them cleaner:
 - Bradford taxi fleet 99% compliant, the cleanest fleet in the country, mainly comprising of hybrid electric vehicles. £4m in place for electric vehicle taxi grants the highest grant for EV taxi in the UK
 - Van compliance improved from 50% to 70%
 - Larger vehicles such as articulated lorries improved from 80% to 97%
 - Over 317 newly compliant buses, funding for new electric buses in place for later this year.

Data from the five automatic monitoring sites is available on the next page.

Nitrogen Dioxide $\mu\text{g}/\text{m}^3$ (20°C 1013mb) readings from 5 sites inside the CAZ.



Date	Treadwell Mills	Manningham	Mayo Avenue	Rooley Lane	Thornton Road	Legal Limit	Average in CAZ	Average number of vehicles
Sep-18	37	53	29	39	32	40	38.0	115,072
Oct-18	45	54	38	40	41	40	43.6	115,072
Nov-18	48	55	47	38	42	40	46.0	115,072
Dec-18	60	64	45	47	47	40	52.6	115,072
Jan-19	52	65	42	49	47	40	51.0	115,694
Feb-19	59	52	48	44	48	40	50.2	115,694
Mar-19	42	42	33	36	33	40	37.2	115,694
Apr-19	54	45	59	39	44	40	48.2	115,694
May-19	47	44	44	41	36	40	42.4	115,694
Jun-19	43	33	40	36	32	40	36.8	115,694
Jul-19	35	37	33	35	22	40	32.4	115,694
Aug-19	43		31	27	25	40	31.5	115,694
Sep-19	40	24	28	28	34	40	30.8	115,694
Oct-19	48	37	43	38	46	40	42.4	115,694
Nov-19	50	44	58	44	51	40	49.4	115,694
Dec-19	47	42	41	36	45	40	42.2	115,694
Jan-20	45	37	32	35	36	40	37.0	95,334
Feb-20	43	34	28	30	29	40	32.8	95,334
Mar-20	49	36	37	33	33	40	37.6	95,334
Apr-20	32	26	30	22	23	40	26.6	95,334
May-20	33	32		24	20	40	27.3	95,334
Jun-20	39	33		28	24	40	31.0	95,334
Jul-20	28	30	28	27	25	40	27.6	95,334
Aug-20	31	27	36	26	21	40	28.2	95,334
Sep-20	36	39	44	33	33	40	37.0	95,334
Oct-20	39	35	37	29	31	40	34.2	95,334
Nov-20	43	42	35		35	40	38.8	95,334
Dec-20	46	49	41		38	40	43.5	95,334
Jan-21	46	40	41		40	40	41.8	105,922
Feb-21	42	34	43	30	35	40	36.8	105,922
Mar-21	42	36	34	38	30	40	36.0	105,922
Apr-21	48	47	52	48	38	40	46.6	105,922
May-21	42	30	39	45		40	39.0	105,922
Jun-21		27	37	38		40	34.0	105,922
Jul-21		29	37	33	34	40	33.3	105,922
Aug-21	34	29	33	26	30	40	30.4	105,922



Bradford
Clean Air Zone



Date	Treadwell Mills	Manningham	Mayo Avenue	Rooley Lane	Thornton Road	Legal Limit	Average in CAZ	Average number of vehicles
Sep-21	34	19	25	24	26	40	25.6	105,922
Oct-21	37	21	29	30	29	40	29.2	105,922
Nov-21	33	30	32	32	36	40	32.6	105,922
Dec-21	44	32	40		34	40	37.5	105,922
Jan-22	41	39	35		38	40	38.3	111,522
Feb-22	36	26	24	26	27	40	27.8	111,522
Mar-22	51	39		39	43	40	43.0	111,522
Apr-22	42	24	42	32	32	40	34.4	111,522
May-22	30	21	29	29	24	40	26.6	111,522
Jun-22	31	21	30	29		40	27.8	111,522
Jul-22	29	20	25		24	40	24.5	111,522
Aug-22	30	22	35	35	25	40	29.4	111,522
Sep-22	24	27	28	31	32	40	28.4	111,522
Oct-22	35	20	28	30	27	40	28.0	111,522
Nov-22	44	25	34	34	31	40	33.6	111,522
Dec-22	50	35	39	39	39	40	40.4	111,522
Jan-23	42	31	33	33	34	40	34.6	113,160
Feb-23	44	28	35	34	35	40	35.2	113,160
Mar-23	42	29	35	31	29	40	33.2	113,160
Apr-23	41	33	40	30	30	40	34.8	113,160
May-23	32	29	34	33	25	40	30.6	113,160
Jun-23	33	21	35	33	27	40	29.8	113,160
Jul-23	26	15	20	24	17	40	20.4	113,160
Aug-23	25	18	23	29	26	40	24.2	113,160

END

