

Monthly and annual mean nitrogen dioxide concentrations recorded at sites in Kesgrave during 2017, figures in micrograms per cubic metre ( $\mu\text{g}/\text{m}^3$ ).  
(Annual mean concentration has been annualised where relevant, corrected for bias and distance corrected where relevant).

Site reference	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Bias corrected annual mean (bias correction factor = 0.77) #	Fall off with distance from kerb results (where relevant)
KSG 9	54.6	53.7	41.2	32.4	31.9	40.2	33.1	41.2	35.1	50.5	32	47.9	41.2	31.7	n/a
KSG 10	59.8	48.8	42.5	44.5	40.5	41.2	no data	44.0	46.5	31.5	51.3	42.9	44.9	34.5	n/a
KSG 11	38.7	33.4	27.5	25	17.2	40.6	13.1	18.9	26.7	23.3	27.8	24.5	26.4	20.3	17.4
KSG 12	33.4	26.1	38.1	19	17.3	15.9	12.7	15.9	19.2	22	27	24.8	22.6	17.4	15.6

**KSG 9** Roadside site, roadside lamppost at 118 Main Road, Kesgrave

**KSG 10** Roadside site, Front facade of The Bell Inn PH, Main Road, Kesgrave

**KSG 11** Roadside site, Bell Lane - located on rear fence of 4 Quebec Drive - facing into Bell Lane, Kesgrave

**KSG 12** Roadside site, 1a Dobbs Lane, Kesgrave

**Final results for each site are within the cells shaded in grey.**

# Diffusion tube annual mean data is ratified to improve accuracy. The bias adjustment factor for the diffusion tubes must either be a combined ("national") bias adjustment factor, or one calculated from a co-location study with a continuous analyser carried out by the authority themselves. The 2017 data from the Kesgrave sites were adjusted using a combined (national) bias adjustment factor of 0.77 using the 2017 National Diffusion Tube Bias Adjustment Factor Spreadsheet.