**Horn Lane compared to other sites in London:**

Horn Lane monitoring station experiences contributions from industrial and traffic sources and consistently records higher concentrations than any of the Defra monitoring stations in London, with the exception of Marylebone Road station in 2011. For example, in 2012 there were an additional 30 exceedence days at Horn Lane compared to the highest number monitored elsewhere in London by Defra. Background stations in London in Bloomsbury and Kensington show that annual mean concentrations which are typical of London exposure are around 20 ug.m3, roughly half the concentration measured at Horn Lane.

| | Number of days > 50ug/m$^3$ $PM_{10}$ | | | Annual mean PM10 (ug.m3) | | |
|---|---|---|---|---|---|---|
| | **2010** | **2011** | **2012** | **2010** | **2011** | **2012** |
| Camden Kerbside | 10 | 31 | 20 | 26 | 27 | 23 |
| Haringey Roadside | 9 | 18 | 11 | 23 | n/a | 23 |
| London Bloomsbury (background) | 2 | 17 | 10 | 18 | 23 | 19 |
| London Harlington | 1 | 1 | 12 | 14 | n/a | 18 |
| London Marylebone Road | 22 | 57 | 23 | 32 | 38 | 31 |
| London N. Kensington (background) | 3 | 17 | 12 | n/a | 24 | 20 |
| Southwark A2 Old Kent Road | n/a | 31 | 19 | n/a | 27 | 25 |
| Horn Lane | 93 | 61 | 53 | 42 | 36 | 34 |

**Horn Lane Maximum days**

In 2006 there were 50 days where daily mean concentrations were above 100 ug/m3, twice the daily limit value, with a maximum concentration of 208 ug/m$^3$. In 2010 there were only 2 days above 100 ug/m3, a significant improvement over time.