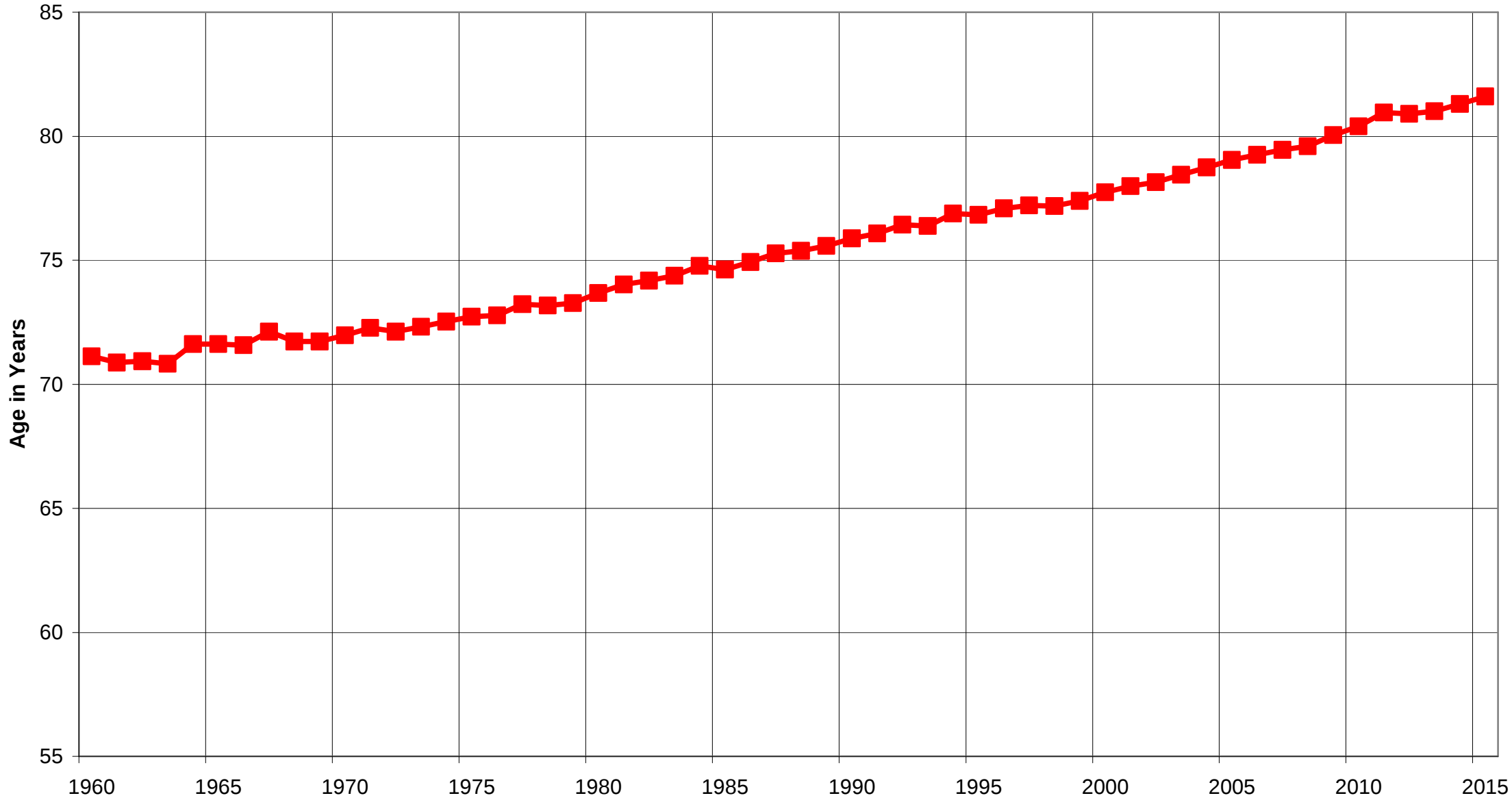


UK Air Quality

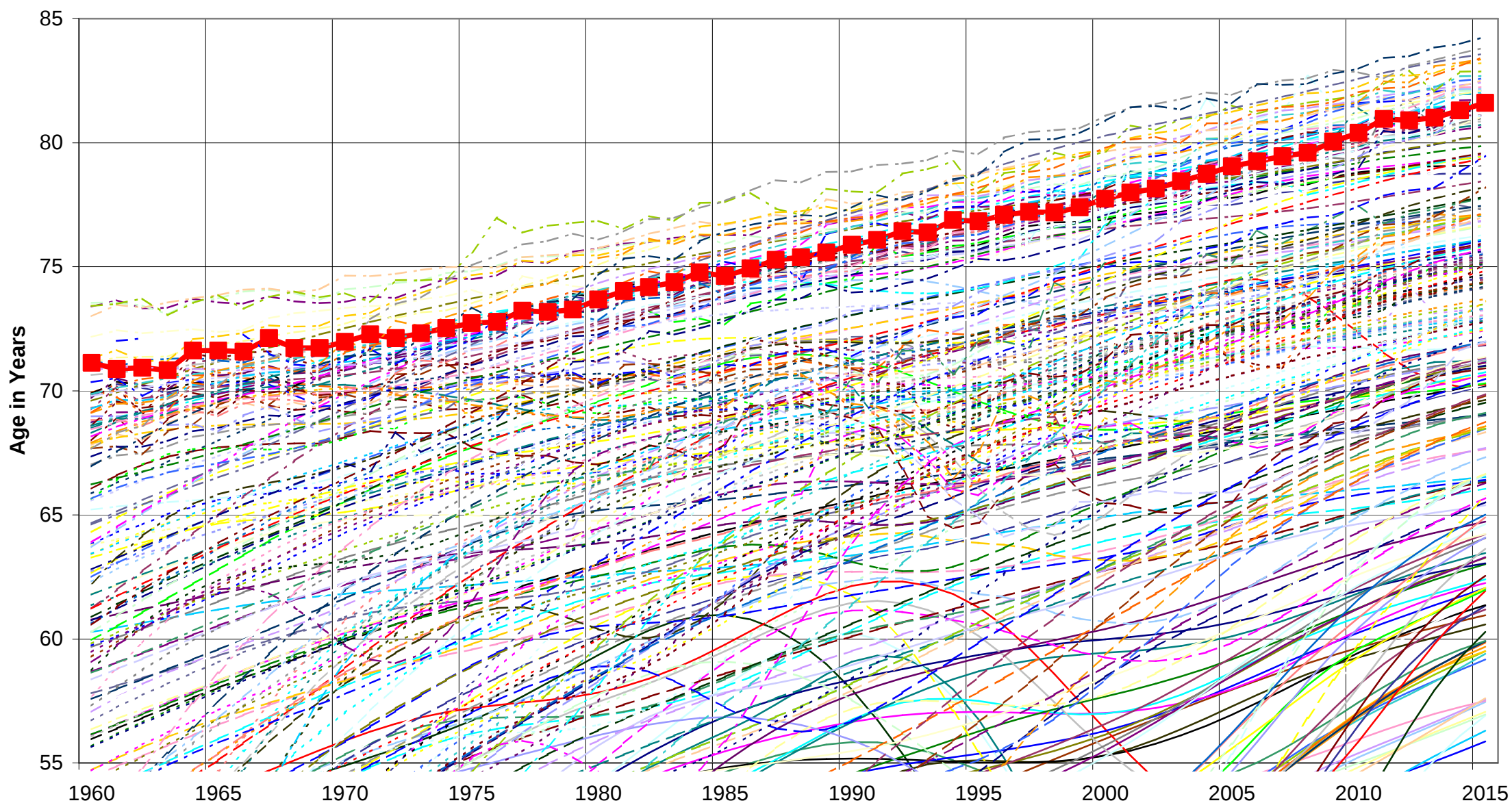
The long-term view

More than two generations

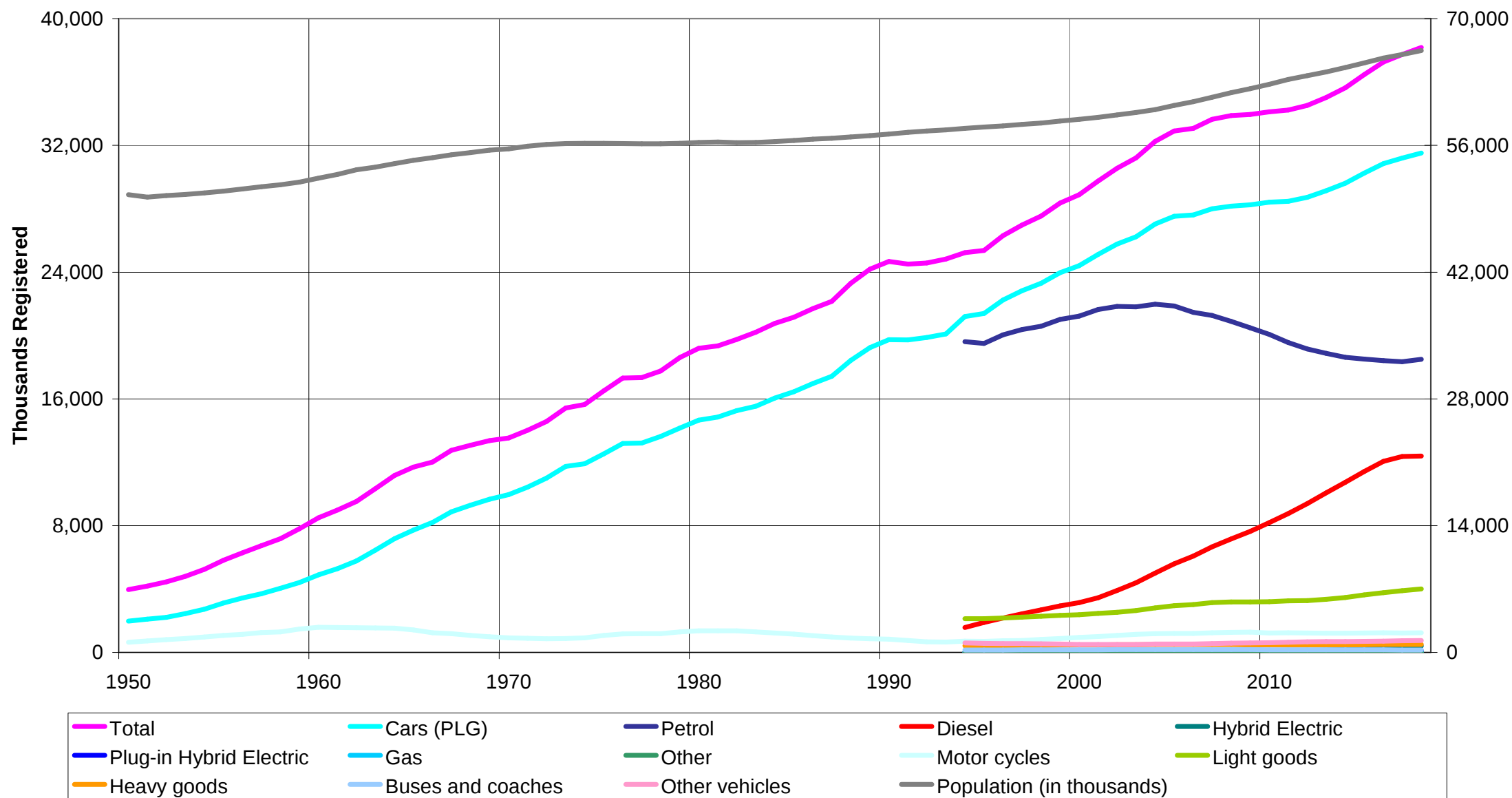
UK Life Expectancy



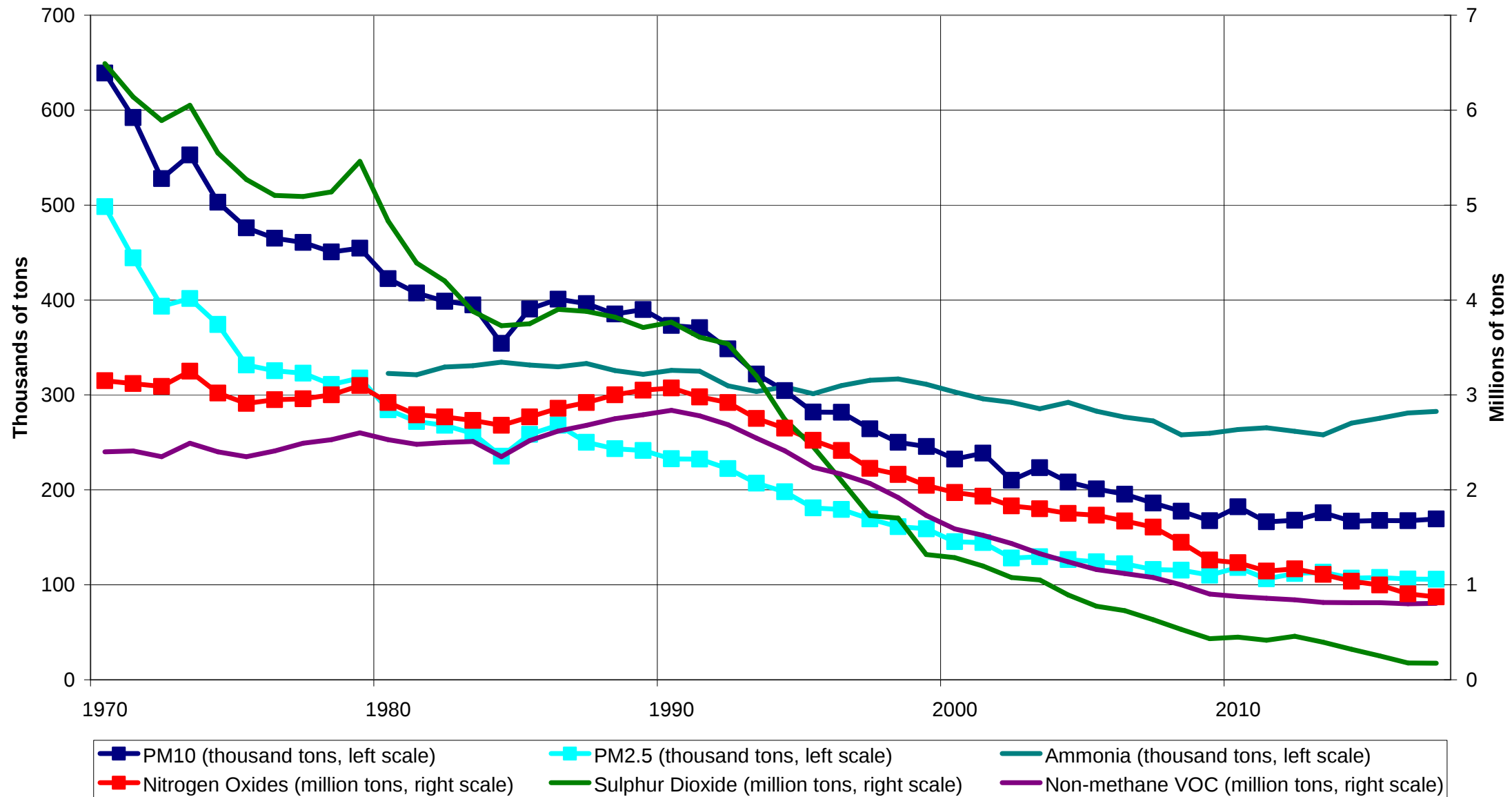
International - Country Life Expectancy



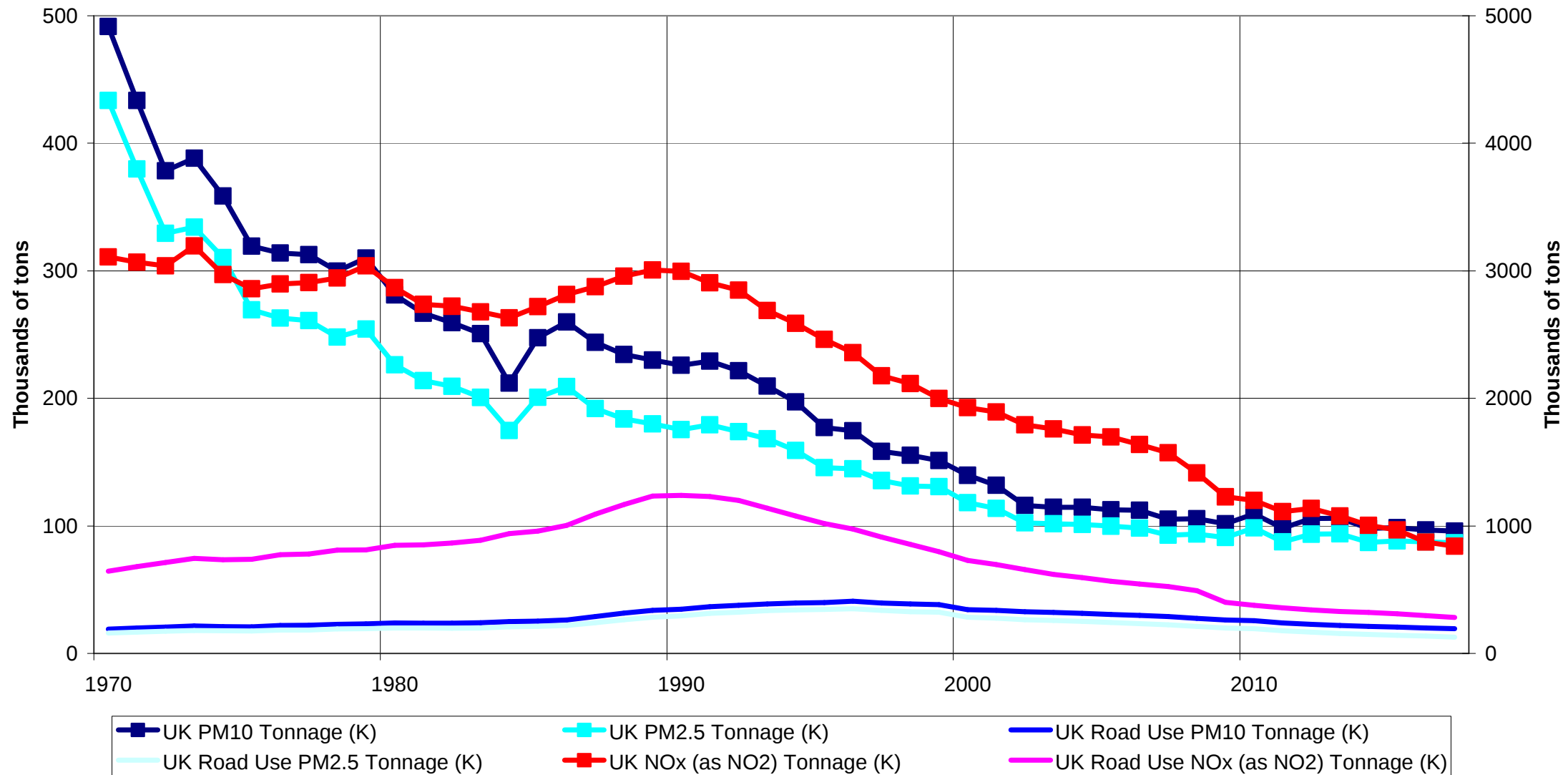
UK population and increase in registered road vehicles



UK trend in weight of atmospheric pollutants (Defra)



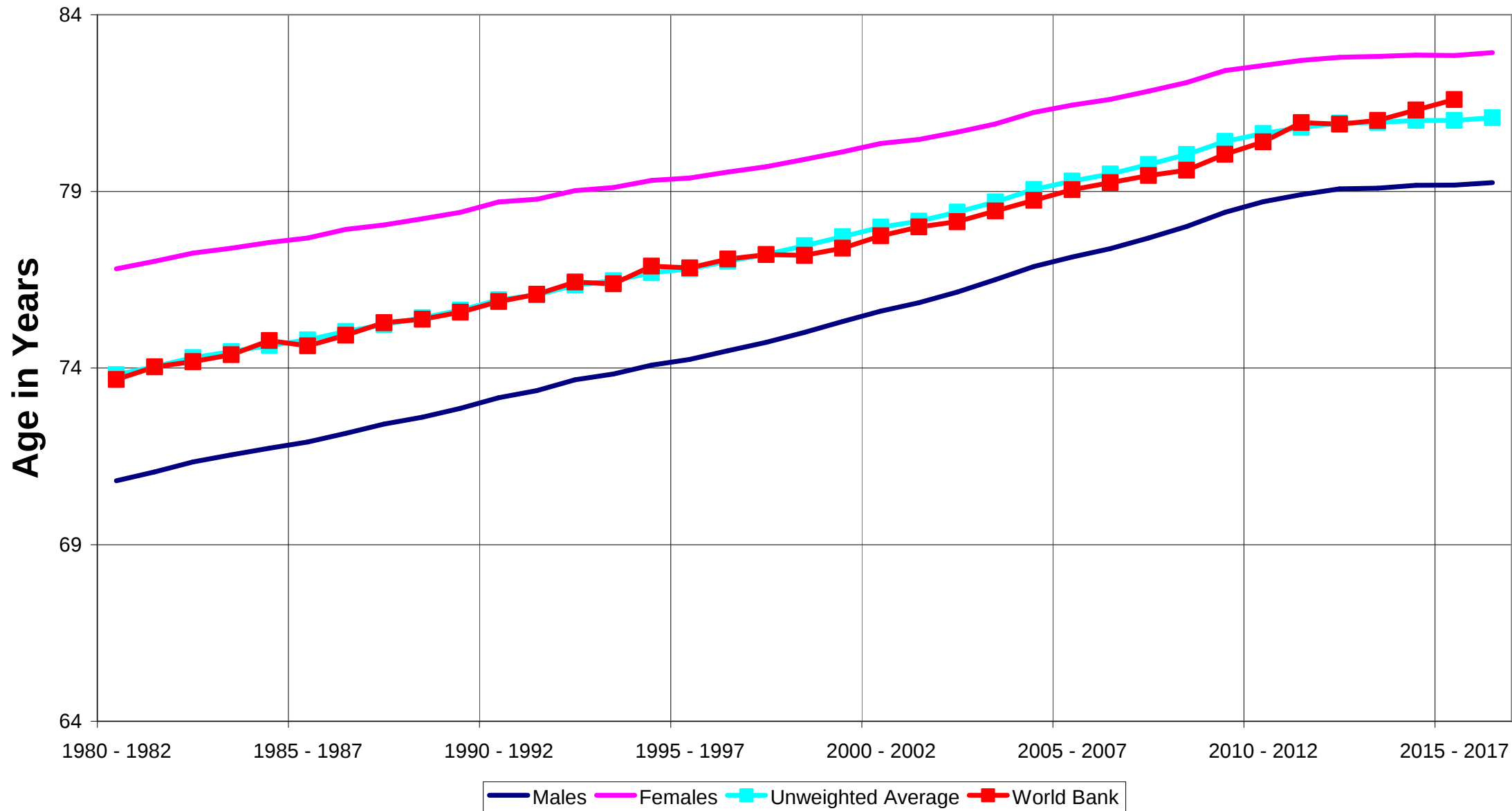
UK trend in weight of atmospheric pollutants (NAEI) (NOx/NO2, PM10, PM2.5) and road use contribution



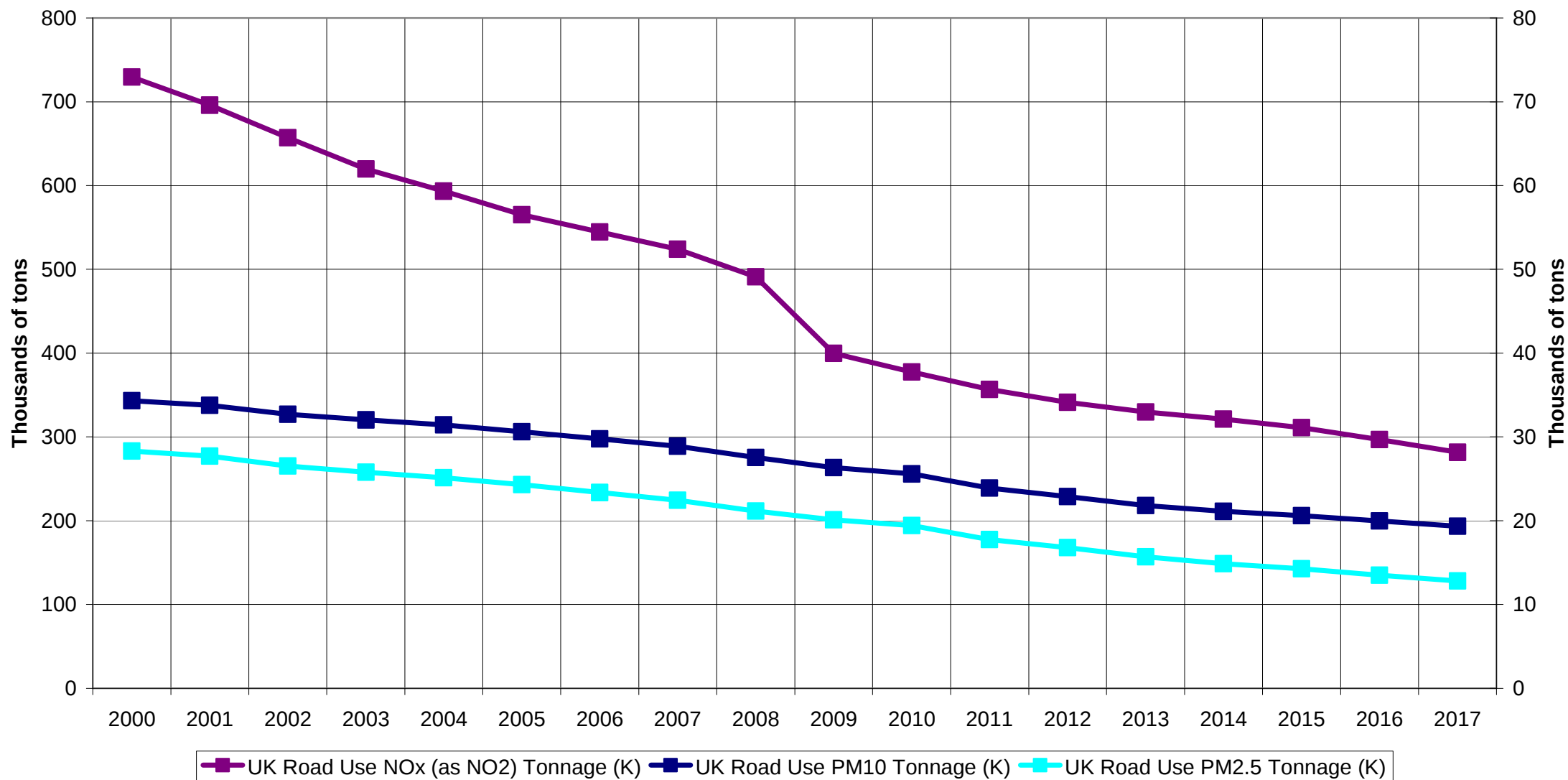
The last two decades

The 21st Century so far

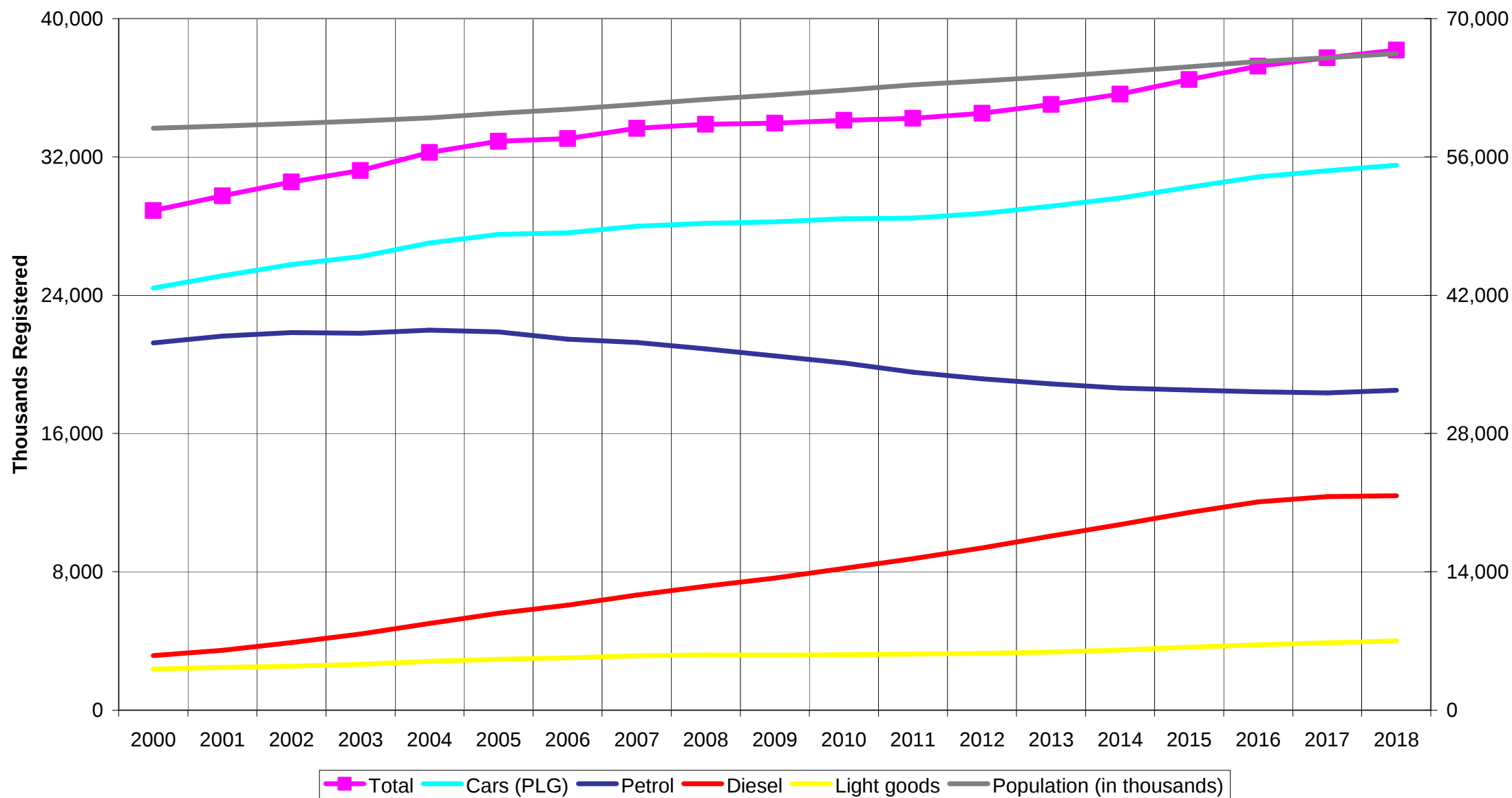
Comparison of UK Life Expectancy at Birth (ONS and World Bank)



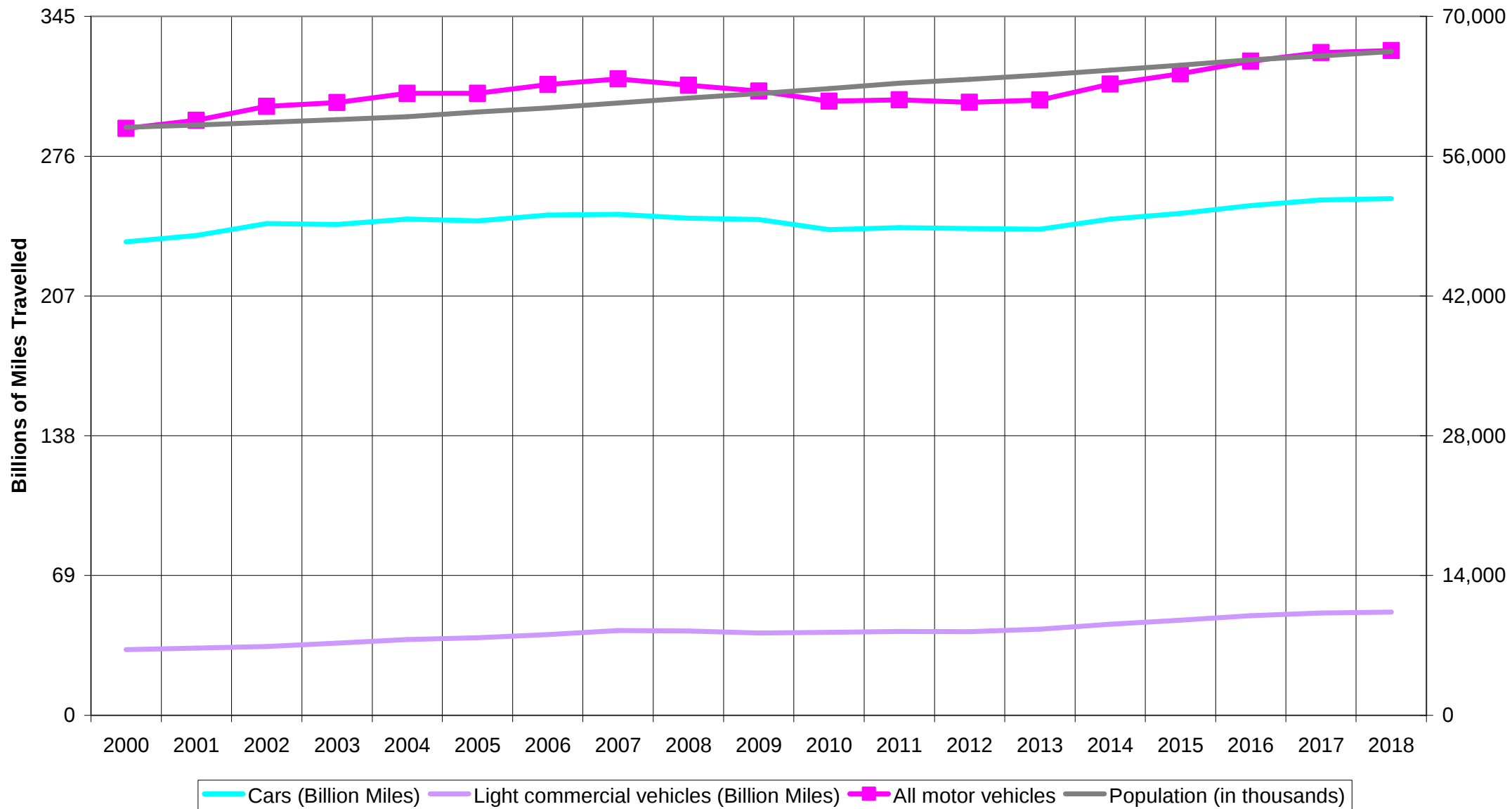
UK trend in weight of atmospheric pollutants (NOx/NO2, PM10, PM2.5) contribution from road use



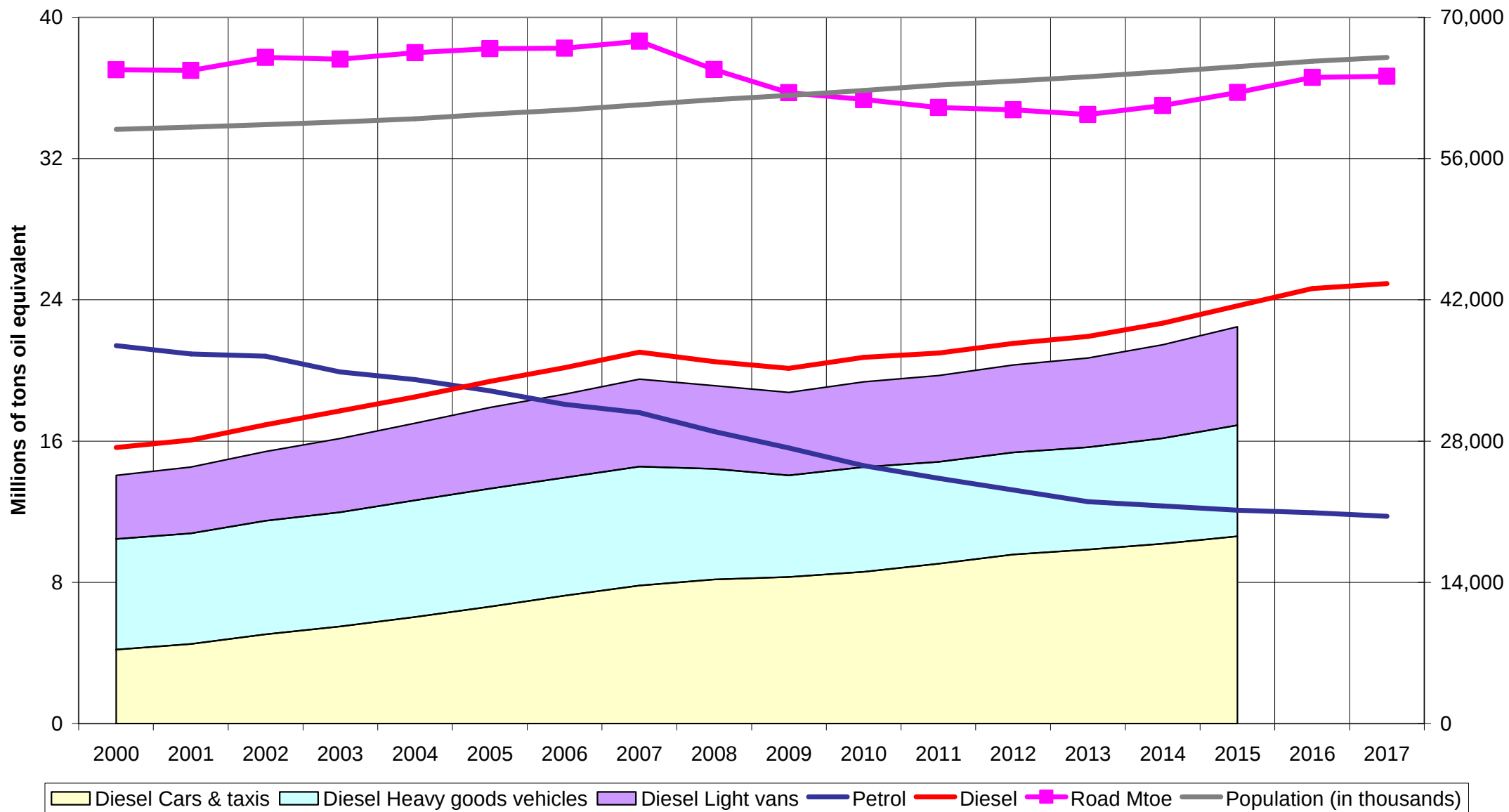
UK population and increase in registered road vehicles



UK population and increase in miles travelled

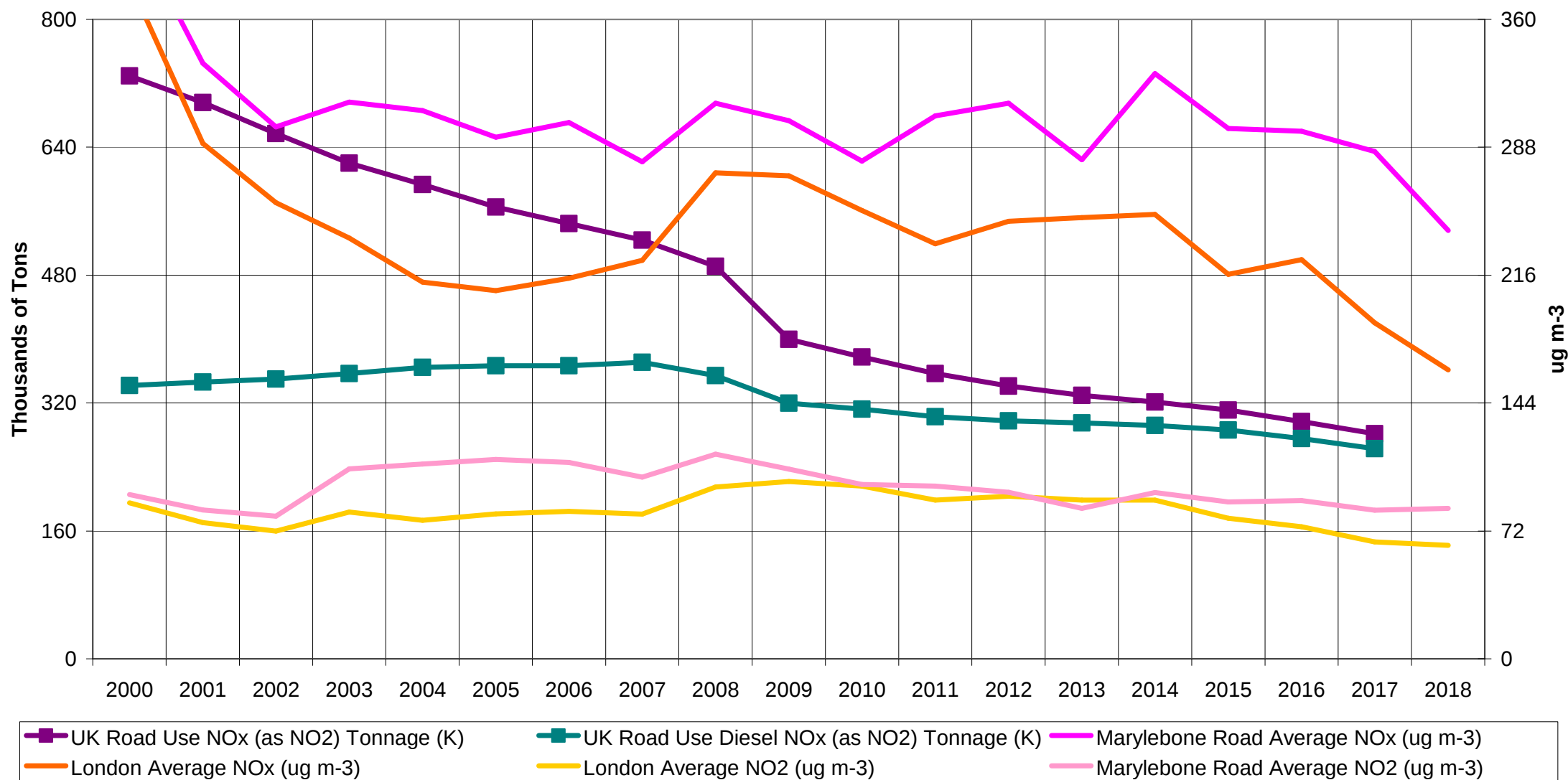


UK population and Fuel used by road (Diesel by type)

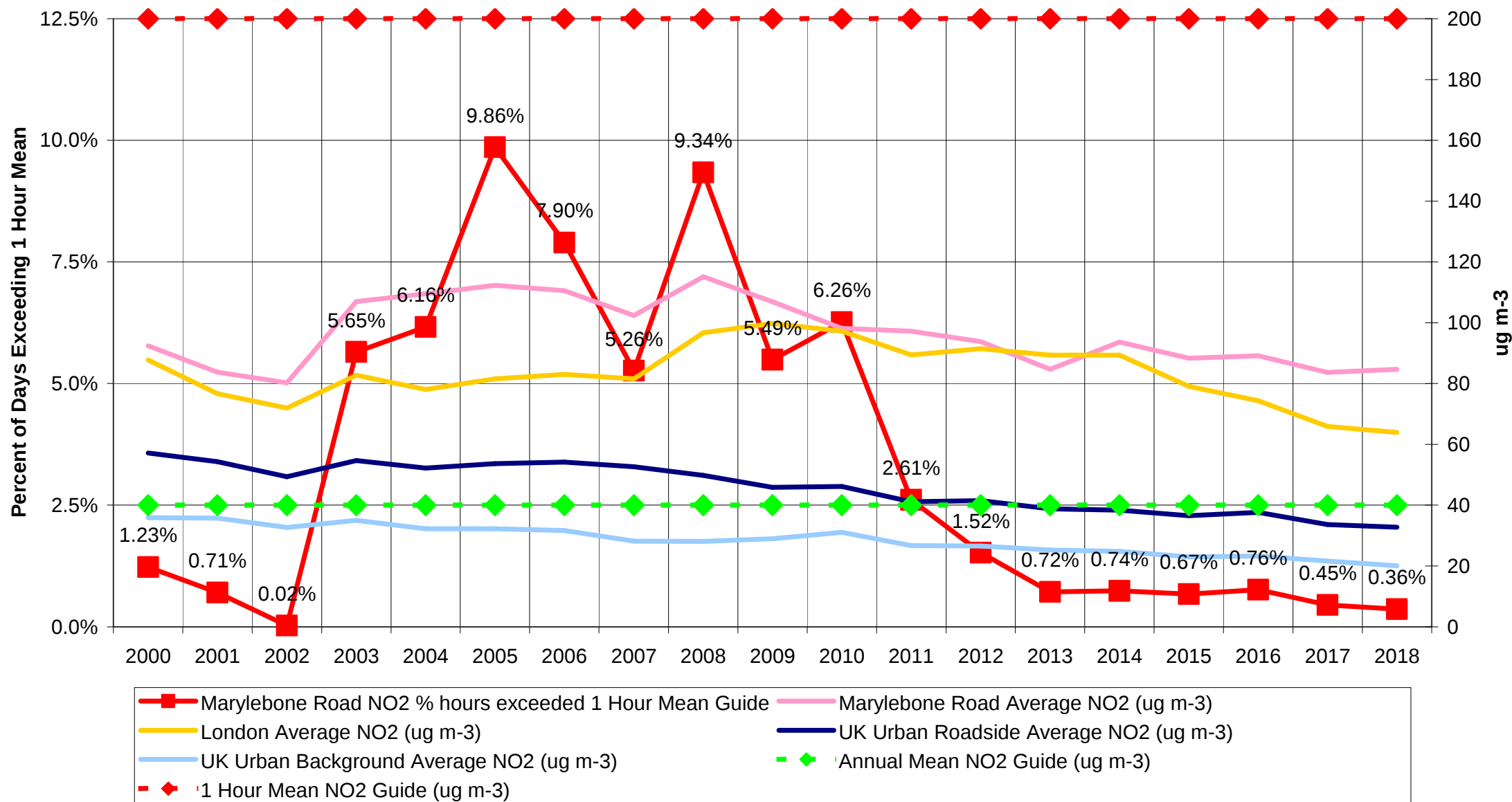


Concentrations of NO_x/NO₂, PM10 and PM2.5 In the UK and London

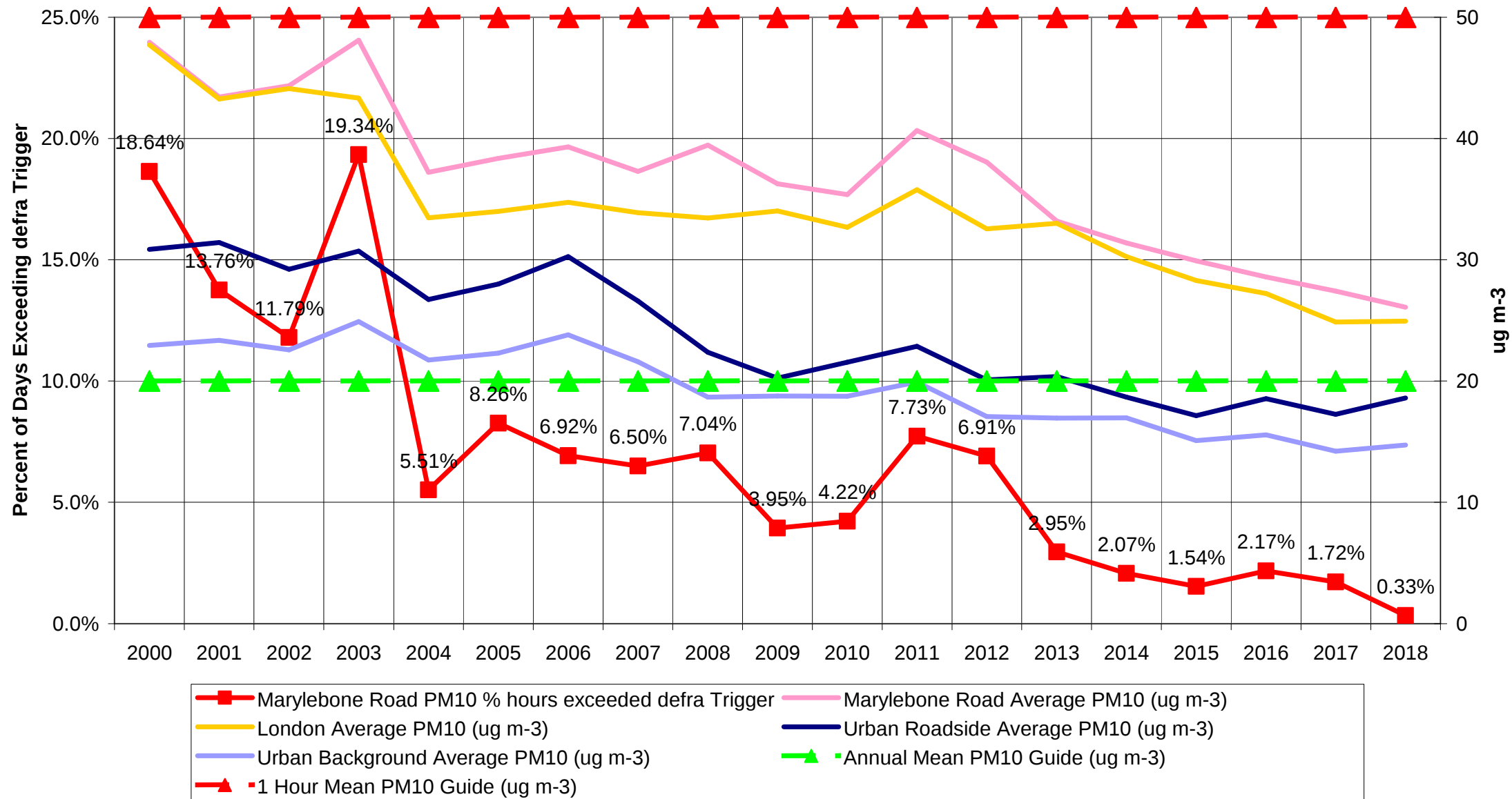
UK and London recent concentration of nitrus-oxide (NOx) and nitrogen dioxide (NO2) air pollutants



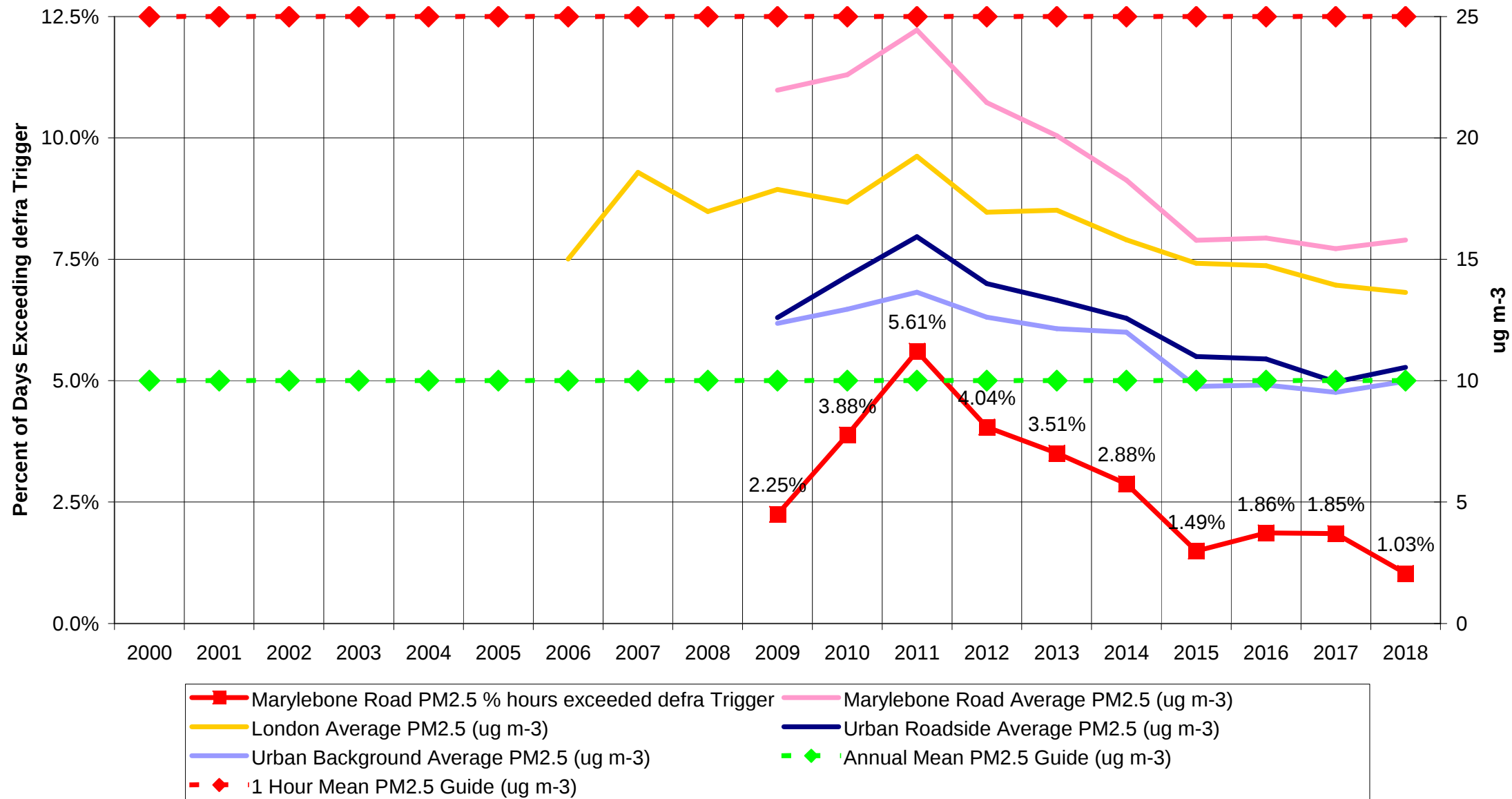
UK and London recent concentration of NO2 air pollutant



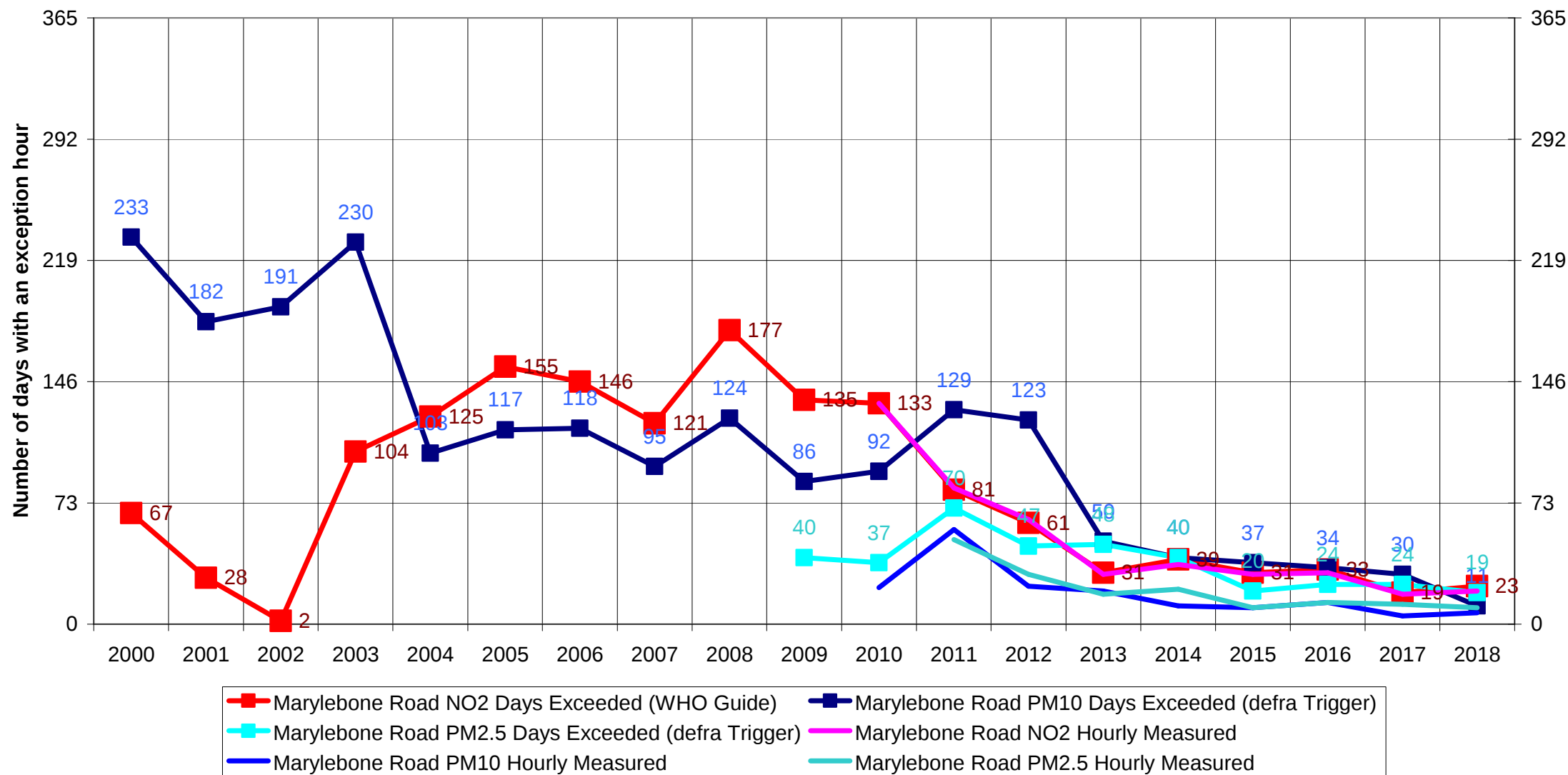
UK and London recent concentration of PM10 air pollutant



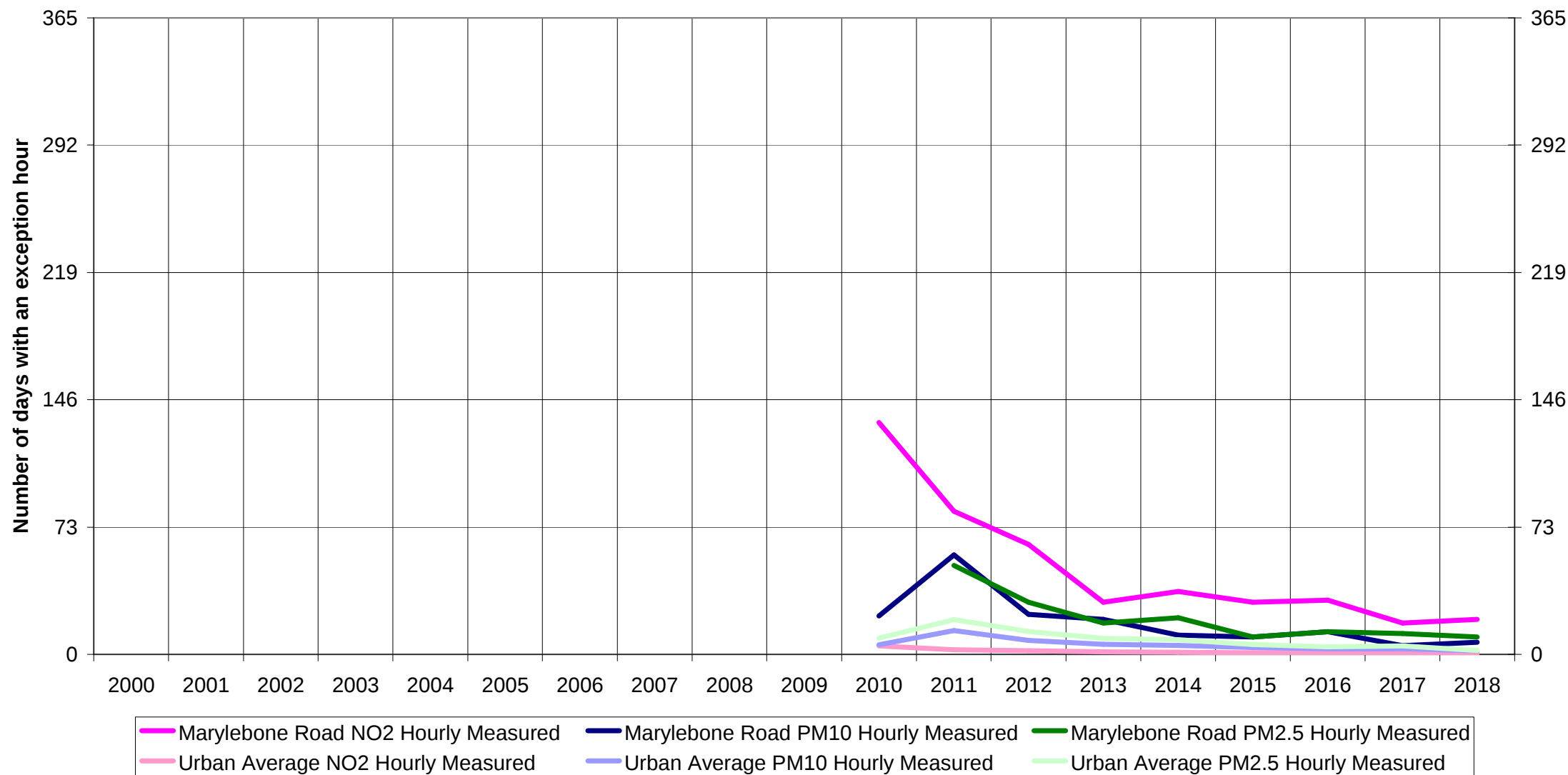
UK and London recent concentration of PM2.5 air pollutant



Number of days in which a measured exception hour of air pollutants occurred (LAQ/Kings College data)

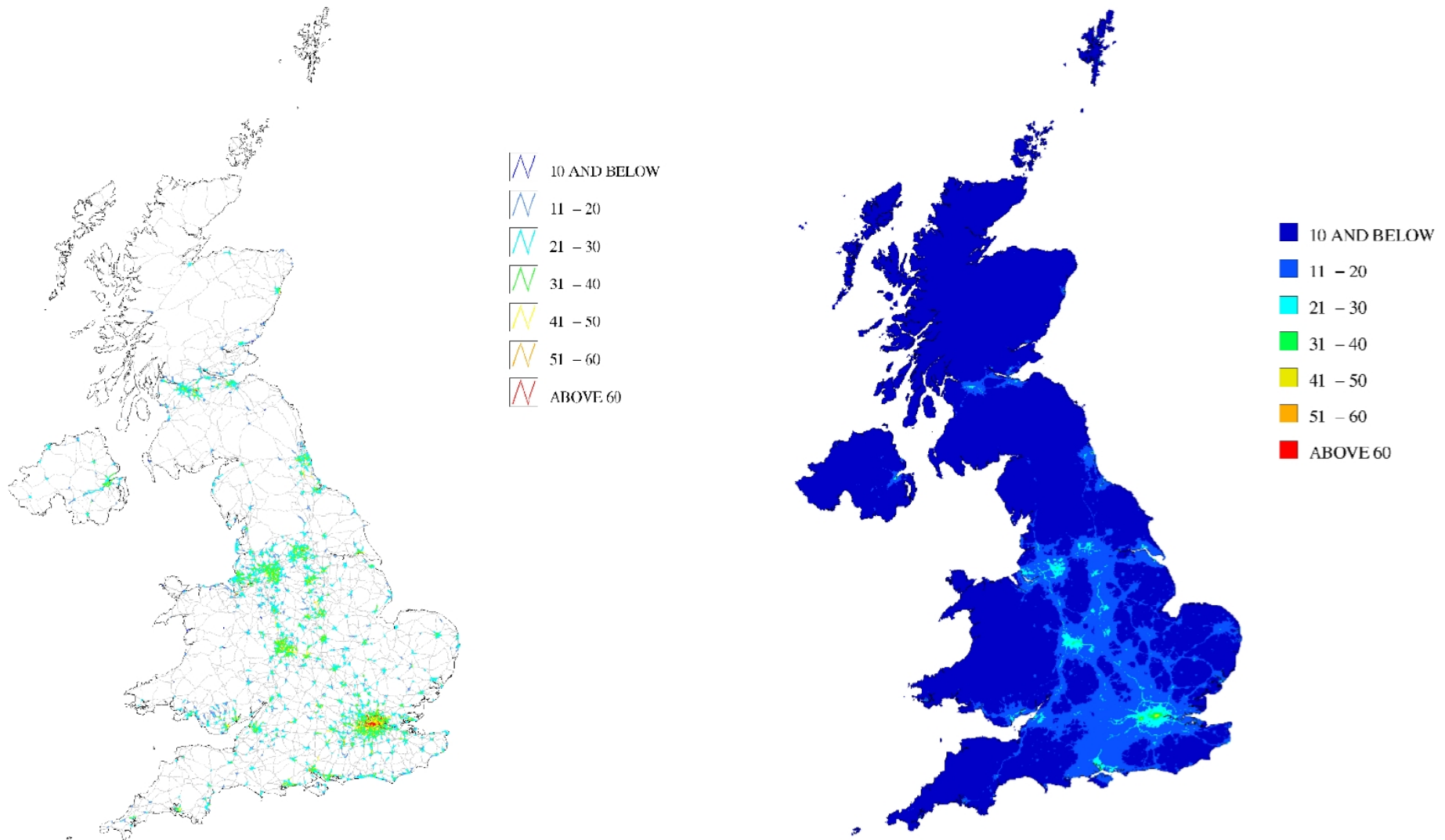


Number of days in which a measured exception hour of air pollutants occurred (Defra reported)



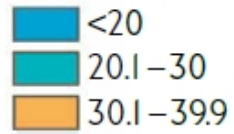
UK analysis of geographical concentration of NO₂, 2016

Urban major roads and annual mean background

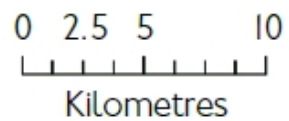
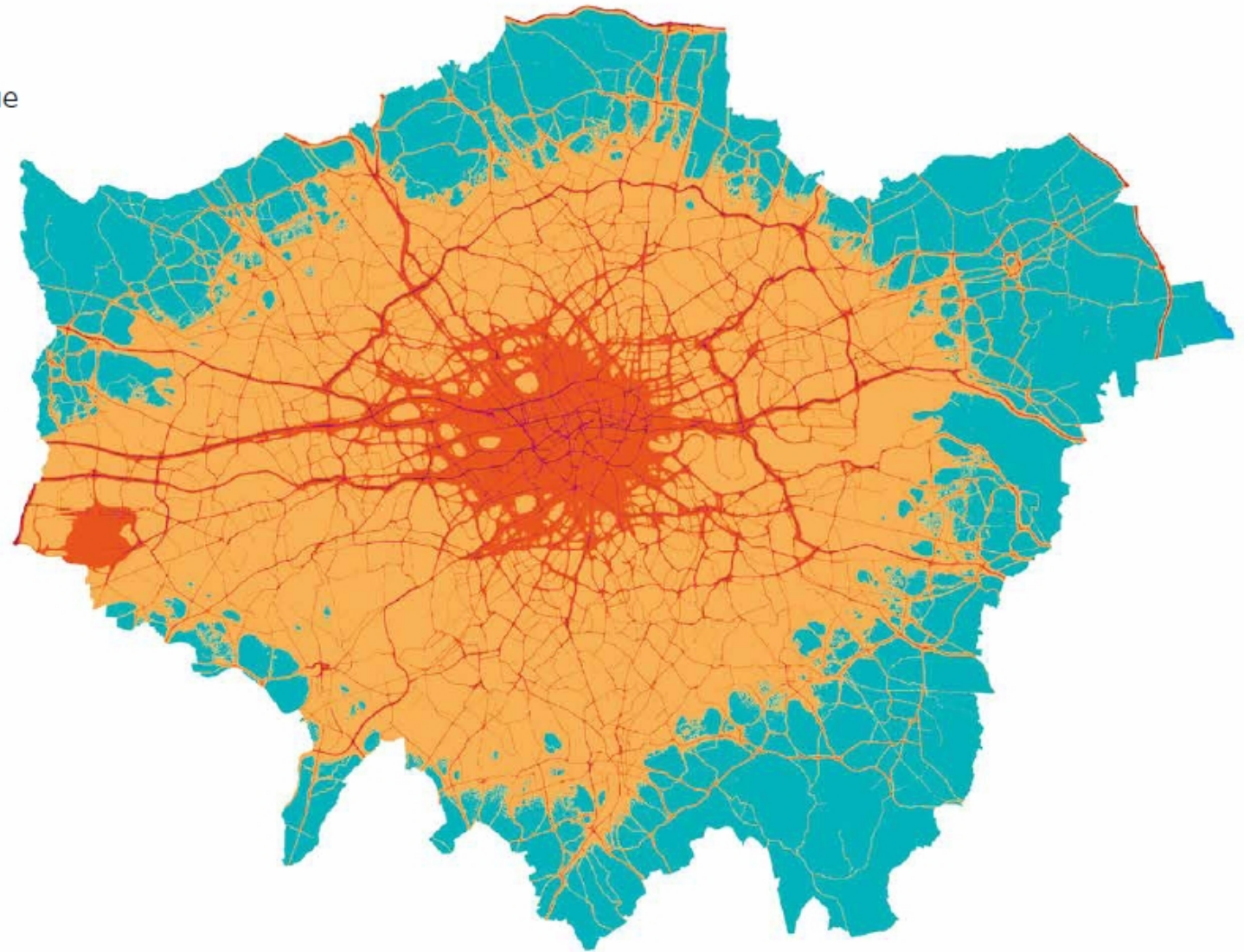
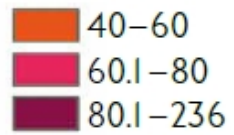


London modelled concentration of NO₂, at recent 2010 high.

2010 NO₂ Annual Mean ($\mu\text{g m}^{-3}$)



40 $\mu\text{g m}^{-3}$ EU limit value



London modelled concentration of NO₂, 2025 projection based upon 2015 policies.

2025 NO₂ Annual Mean ($\mu\text{g m}^{-3}$)

14–20

20.1–30

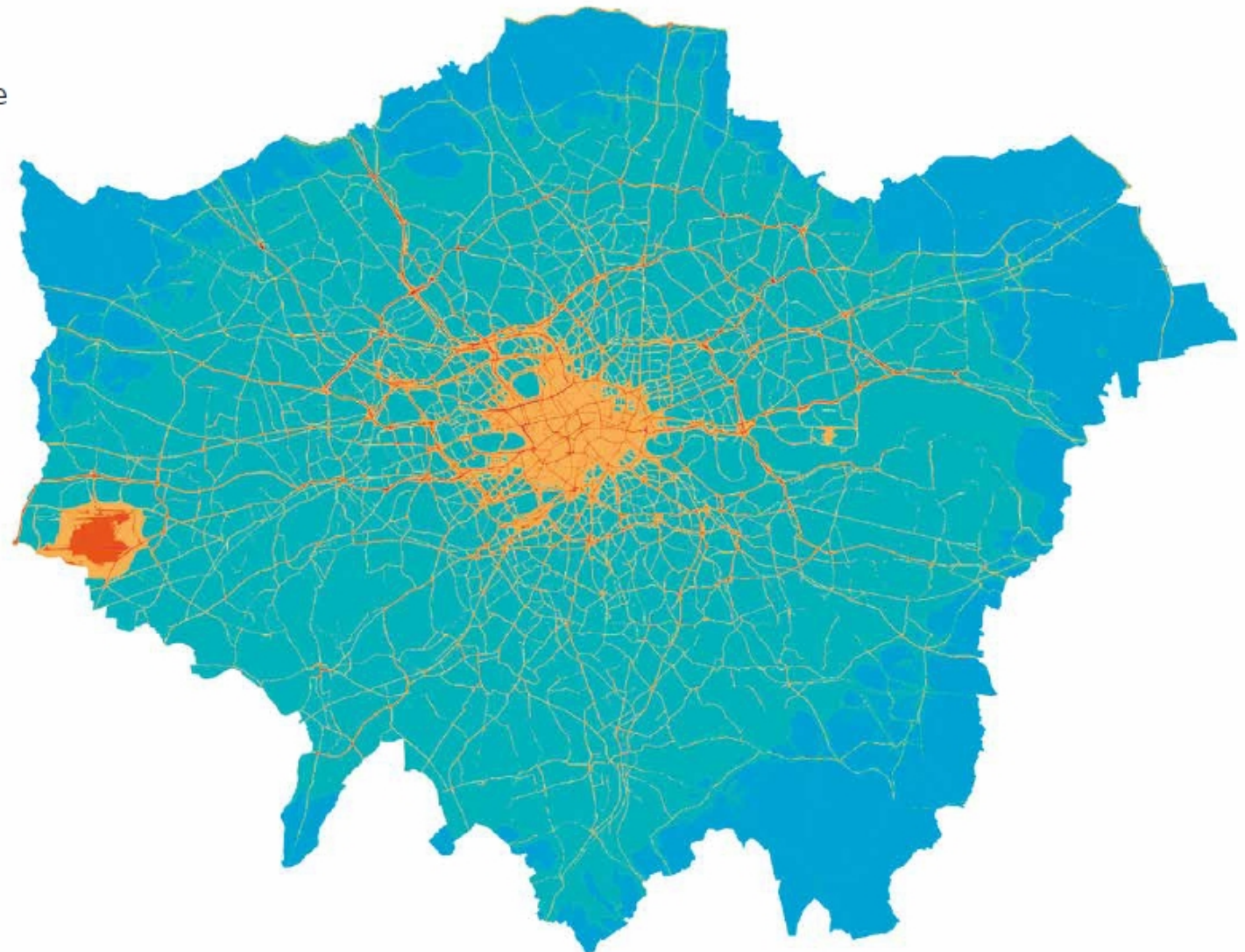
30.1–39.9

40 $\mu\text{g m}^{-3}$ EU limit value

40–60

60.1–80

80.1–132



0 2.5 5 10
Kilometres

