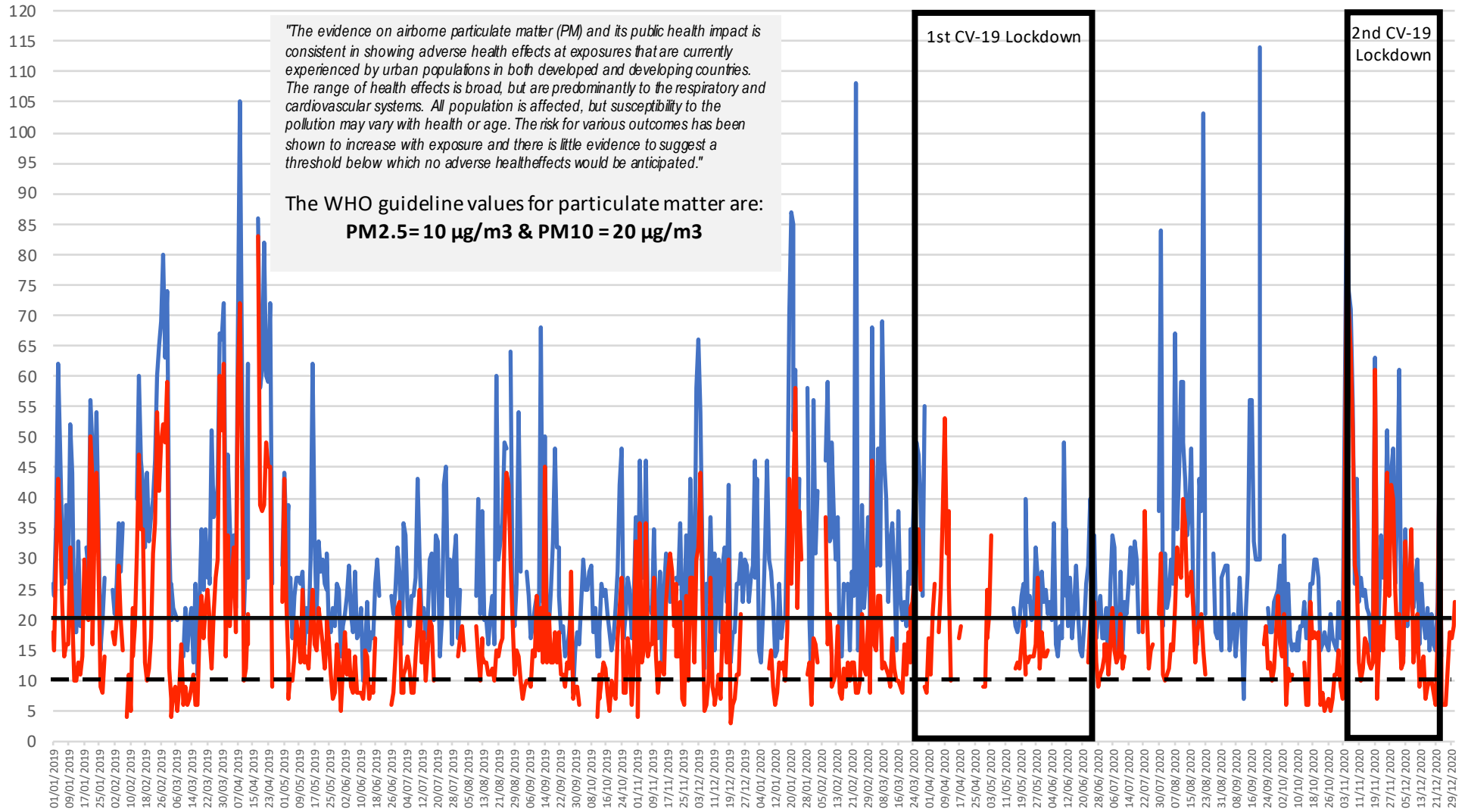


SANDY ROADSIDE AIR QUALITY 2019 -2020

ug/m3

--- PM2.5 WHO Limit
— PM10 WHO Limit



"The evidence on airborne particulate matter (PM) and its public health impact is consistent in showing adverse health effects at exposures that are currently experienced by urban populations in both developed and developing countries. The range of health effects is broad, but are predominantly to the respiratory and cardiovascular systems. All population is affected, but susceptibility to the pollution may vary with health or age. The risk for various outcomes has been shown to increase with exposure and there is little evidence to suggest a threshold below which no adverse health effects would be anticipated."

The WHO guideline values for particulate matter are:
PM2.5= 10 $\mu\text{g}/\text{m}^3$ & PM10 = 20 $\mu\text{g}/\text{m}^3$

1st CV-19 Lockdown

2nd CV-19 Lockdown

— PM10 particulate matter (Hourly measured)

— PM2.5 particulate matter (Hourly measured)

DATA: DEFRA UK AIR DATA