

Pollution around Epsom and Ewell Schools

5 October 2023



Epsom and Ewell Extinction Rebellion embark on a public education drive on Sunday 9th October in Epsom High Street. The climate action group has tabulated the pollution statistics for schools in and around the Borough.

The table below is based on statistics provided by addresspollution.org a United Nations accredited initiative of the Central Office of Public Interest.

Between 10am and 1pm the XR group will have a Doctor's surgery (with an Intensive Care Unit Doctor) giving real world advice on the health impact of Air Pollution. A Citizens Polling Board so passersby can vote for their favourite Pollution Solutions and an information desk so you can find out the Air Pollution levels at your home and local schools.

In 2020 in a study published by the journal *Science of the Total Environment*, experts from the University of Surrey's world-renowned Global Centre for Clean Air Research (GCARE) partnered with a local school and the local community in Guildford to investigate the impact cars have on air quality in and around schools during drop-off and pick-up times.

Children face a worrying threefold increase in air pollution during the daily school runs, causing air quality experts to call for restrictions on the use of cars during those periods.

These are the statistics provided by addresspollution.org for local school postcodes year long average figures assessed on 4th October 2023:

School	Air Pollution Level	UK Ranking Higher is worse	PM2.5 Level mcg/m3 WHO Safe Limit 5 .	PM10 Level mcg/m3 WHO Safe Limit 15 .	NO2 Level mcg/m3 WHO Safe Limit 10 .
Auriol School	Very High	82 %	12.22	18.89	20.17
Beacon School	Significant	51 %	10.40	16.84	15.16
Blenheim High	High	78 %	11.90	18.64	19.06
Cheam Common	Very High	84 %	12.28	19.07	21.50
Cuddington Croft	High	70 %	11.17	17.80	18.82
Cuddington School	Very High	82 %	12.19	18.84	20.84
Danetree	Very High	80 %	12.05	18.71	19.59
Downsend	High	72 %	11.46	18.05	18.31
Epsom & Ewell High	Very High	83 %	12.16	18.84	21.22
Epsom College	High	64 %	10.96	17.52	17.05
Epsom Downs Primary	Significant	52 %	10.38	16.92	15.38
Epsom Primary	High	78 %	11.77	18.41	19.82
Ewell Castle	High	78 %	11.79	18.49	19.87
Ewell Grove	Very High	82 %	12.01	19.02	21.02
Glyn	High	74 %	11.69	18.25	18.12
Kingswood House	High	73 %	11.48	18.05	18.67
Knollmead Primary	Very High	82 %	12.02	18.66	21.34
Linden Bridge	Very High	83 %	12.15	18.82	21.60
Malden Parochial	Very High	88 %	12.21	19.11	24.96
Mead Infant	Very High	82 %	12.23	18.89	20.18
Meadow Primary	Very High	80 %	12.06	18.73	19.81
Nescot	High	72 %	11.42	18.02	18.40



Nonsuch Primary	Very High	81 %	12.05	18.77	20.40
Riverview Primary	Very High	81 %	12.17	18.79	20.29
Rosebery	High	67 %	11.29	17.76	16.75
Shawley Community	Significant	50 %	10.38	16.79	14.98
Southfield Park	High	72 %	11.54	18.07	18.10
St Christophers	High	70 %	11.42	17.97	17.66
St Clements	High	79 %	11.94	18.59	19.70
St Josephs	High	68 %	11.38	17.86	16.91
St Martins	High	68 %	11.31	17.82	17.06
Stamford Green	High	68 %	11.33	17.80	17.14
Wallace Fields	High	67 %	11.24	17.75	17.22
West Ewell	Very High	81 %	12.15	18.78	20.18

Image: The school run © Robert Ashby cc-by-sa/2.0 Geograph Ireland