

Do you burn wood at home?

Wood burning produces air pollution which is harmful to health.



What we put into the air locally can pollute all of Hampshire.



And our own home and neighbourhood

Help clean up Hampshire's air, burn less this winter

Find out more

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environmentcentre.com/wood-burning

Air quality in Hampshire neighbourhoods

Particulate matter (tiny bits of soot and dust invisible to the naked eye) is a harmful air pollutant linked to cancer, heart disease and dementia. Wood burning is the largest source of particulate matter (PM2.5) in the UK.

Air quality sensors placed in 17 Hampshire locations (2023 – 24) revealed that levels of PM2.5 are much higher during winter evenings. Air pollution, such as wood smoke, gets trapped in cold, still weather conditions causing unhealthy levels of particulate matter to build up in neighbourhoods and across the region. Researchers at the University of Southampton concluded that reducing wood burning in our homes could improve air quality for everyone.



Burn Less

Reduce burning where possible, keep stoves and fires for special occasions, unless they are your only heating source.



Burn Cleaner

Use fuels such as smokeless, authorized fuels or dry, well-seasoned wood with low moisture content.



Burn Better

Use efficient appliances and follow safe user practices. Service and clean them regularly.