Supporting references

The following reference list provides the resources and publications that were used to produce the Health Matters edition on Cold weather and COVID-19.

It also provides sources for the facts and statistics in the infographics.

Main sources:

- PHE: Cold Weather Plan for England
- PHE: <u>Cold Weather Plan for England Making the Case: Why long-term strategic planning for cold</u> weather is essential to health and wellbeing
- PHE: Cold weather health risks and COVID-19: actions to prevent harm
- PHE: Keep Warm, Keep Well leaflet
- NICE: Excess winter deaths and illness and the health risks associated with cold homes [NG6]
- Met Office: <u>Cold Weather Alert Service</u>
- E-Learning for Healthcare and PHE: Helping people living in cold homes
- ONS: Excess winter mortality in England and Wales: 2018 to 2019 (provisional) and 2017 to 2018 (final)
- PHE: Public Health Outcomes Framework
- PHE: Health Matters: Delivering the flu immunisation programme during the COVID-19 pandemic
- NHS England: <u>COVID-19 Daily Deaths</u>
- Nature: Factors associated with COVID-19-related death using OpenSAFELY
- US National Library of Medicine National Institutes of Health: <u>The cost of emergency hospital</u> admissions for falls on snow and ice in England during winter 2009/10: a cross sectional analysis
- NatCen: Health, mental health and housing conditions in England (PDF)
- NatCen: Health, mental health and housing conditions in England
- PubMed: Housing improvements for health and associated socio-economic outcomes
- The Lancet: COVID-19: a potential public health problem for homeless populations
- MHCLG: Rough sleepers to be helped to keep safe this winter
- MHCLG: <u>COVID-19</u>: provision of night shelters
- The Health Foundation: People are avoiding hospital because they are nervous of catching COVID 19
- BMJ: Place and causes of acute cardiovascular mortality during the COVID-19 pandemic

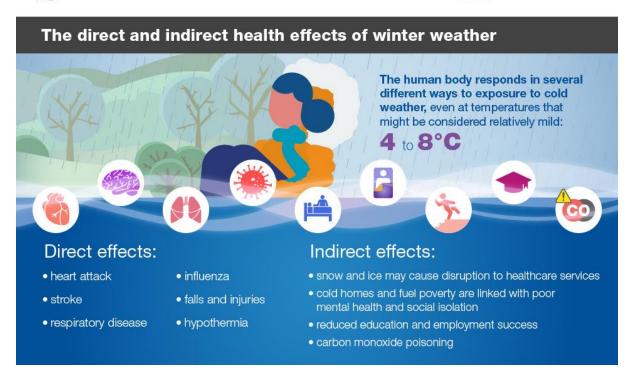
Other useful resources:

- NHS: Who's at higher risk from coronavirus
- ONS: <u>Deaths involving COVID-19 by local area and socioeconomic deprivation: deaths occurring between 1 March and 31 July 2020</u>
- SAGE: SPI-B/EMG: COVID-19 housing impacts, 10 September 2020
- New Economics: Migrants' Access to Healthcare During the Coronavirus Crisis
- The academy of Medical Sciences: <u>Preparing for a challenging winter 2020/21</u>
- medRxiv: Interactions between SARS-CoV-2 and Influenza and the impact of coinfection on disease severity: A test negative design
- BMJ: Features of 20 133 UK patients in hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: prospective observational cohort study
- PHE: Excess mortality in England, week ending 11 September 2020 Experimental Statistics
- The Health Foundation: <u>Public perceptions of health and social care in light of COVID-19 (July</u> 2020)
- BMJ: Place and causes of acute cardiovascular mortality during the COVID-19 pandemic

Infographics:



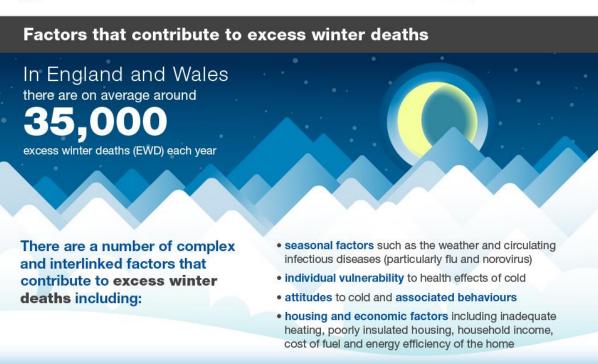




PHE: The Cold Weather Plan for England







PHE: The Cold Weather Plan for England

PHE: Cold weather health risks and COVID-19: actions to prevent harm





Groups at greater risk of harm from cold weather

Many of these groups are also at greater risk of severe illness from COVID-19



- older people, especially those over 65 years old, particularly those who are otherwise frail and/or socially isolated
- people with pre-existing chronic medical conditions such as cardiovascular and respiratory conditions (in particular COPD and asthma) and diabetes
- children
- people with cognitive impairment, mental health conditions or learning difficulties
- people assessed as being at risk of or having had recurrent falls
- people who are housebound or otherwise have low mobility
- people living in deprived circumstances
- people who are living in cold homes and/or are experiencing fuel poverty
- people experiencing homelessness or rough sleeping
- pregnant women



NHS England: Who's at higher risk from coronavirus





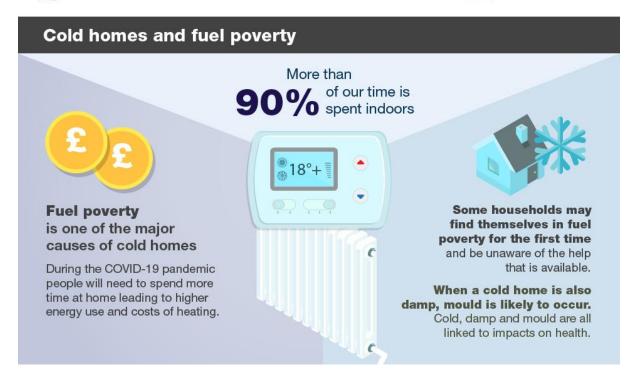
How COVID-19 can amplify cold weather-related health risks The potential interactions between cold weather and COVID-19 include: shared risk factors amongst population sub-groups clinical impacts arising due to social isolation and reduced affected by both cold temperatures concurrence of cold weather access to support networks and COVID-19 and COVID-19 and resources increased exposure to cold system level risks related to concurrency temperatures due to changes of impacts, change in patterns of health and social care use, access and delivery in patterns of energy use at home, fuel poverty and reduced and health seeking behaviour access to warm public spaces

PHE: The Cold Weather Plan for England

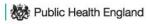
• PHE: Cold weather health risks and COVID-19: actions to prevent harm



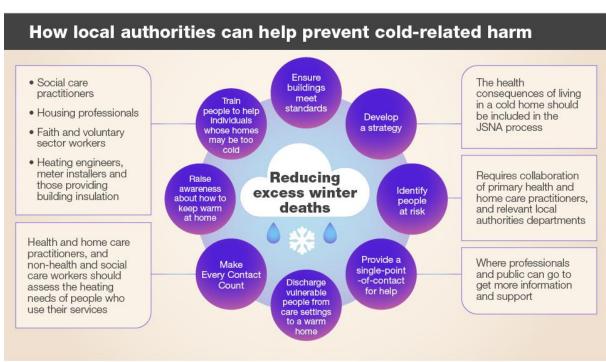




- PHE and UCL Institute of Health Equity: <u>Local action on health inequalities: Fuel poverty and cold home-related health problems</u>
- PHE: The Cold Weather Plan for England
- PHE: Cold weather health risks and COVID-19: actions to prevent harm







- PHE: The Cold Weather Plan for England
- PHE: Cold weather health risks and COVID-19: actions to prevent harm
- NICE: Excess winter deaths and illness and the health risks associated with cold homes [NG6]