COVID-19 Data tools to support local areas

Pandemics and epidemics seldom affect populations equally. As a result, the impact and risk of contracting COVID-19 will be greater in certain groups of the population. In order to assist local areas to quantify the estimated number of those at increased risk from coronavirus, two data resources have been created. The resources include collections of data of those populations that are **most at risk** from health inequalities and **not those that have been recorded as affected by COVID-19**. These resources can provide both a strategic viewpoint to senior management and may be utilised alongside localised analysis on health inequalities within Joint Strategic Needs Assessments, as well as allowing local analysts to conduct further analytical work to understand COVID-19 at risk populations.

The resources are as follows:

I. **A local authority breakdown of the estimates of those individuals at increased risk from COVID-19 based on influenza immunisation risk groups.**

Those at increased risk include those aged 70 or older, under 70 with an underlying health condition and those who are pregnant. Further details of these groups can be found in the notes section of the local authority spreadsheet. The spreadsheet provides the following data for each local authority:

1) Estimated number of people aged 70+ years (with or without clinical risk factors)
2) Estimated number of people in clinical risk group (based on flu vaccine risk group data) age <70 years
3) Estimated number of women currently pregnant (and not included in clinical risk factor group)
4) Total number of people at increased risk of severe illness from COVID-19
5) % of total population at increased risk of severe illness from COVID-19
6) Total Area all age population (ONS 2018).

II. **A series of customised profiles have been created based on indicators within fingertips.**

These indicators encompass both clinical and wider determinants and will allow local areas to profile the population according to various factors that may be relevant for coronavirus high risk groups and their socio-economic context. Data within the custom profiles were included for all groups where there is routine data available in Fingertips. The following hyperlinks direct users to the following profiles:

COVID-19 Place Based Approach to Reducing Health Inequalities:
Data tools to support local areas

1) Summary Profile - COVID-19Clinical risk factor and social vulnerability indicators
   https://fingertips.phe.org.uk/indicator-list/view/hThVtOH4CU
   A subset of key indicators from all the profiles

2) COVID-19 Clinical Risk Factors - Respiratory
   https://fingertips.phe.org.uk/indicator-list/view/7DVXEB34E2
   e.g. estimated chronic obstructive pulmonary disease prevalence, under 75 mortality for respiratory disease

3) COVID-19 Clinical Risk Factors - Non-Respiratory
   https://fingertips.phe.org.uk/indicator-list/view/V8BMkJikgU
   e.g. Chronic heart disease and diabetes prevalence, obesity, flu vaccination coverage

4) COVID-19 Deprivation, demography & context
   https://fingertips.phe.org.uk/indicator-list/view/G8UcFiedVE
   e.g. deprivation, economic inactivity, ethnicity

5) COVID-19 Vulnerable Groups (1)
   https://fingertips.phe.org.uk/indicator-list/view/iIrNXIeQF0
   e.g. care / nursing home beds, mental health prevalence, people reported blind or partially sighted

6) COVID-19 Vulnerable Groups (2)
   https://fingertips.phe.org.uk/indicator-list/view/q8HYm8U6FU
   e.g. homelessness, children in care, proficiency in English

Other resources

1) In terms of overall cases of COVID-19 across the UK, the COVID-19 Dashboard shows reported new cases, cases by upper tier local authority in England and number of deaths. The dashboard can be found at the following URL:

https://coronavirus.data.gov.uk/

2) Office National Statistics (ONS) Coronavirus resources also contains information at local level

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases#publications

3) The LGA has created two LG Inform COVID-19 reports showing cases data over time, the rate per 100,000 people, and the top ten councils for cases (by

total number, as a rate, and by the biggest number on a single day) on a daily basis.

https://www.local.gov.uk/our-support/coronavirus-information-councils

4) The Fingertips profiles include data at CCG and local authority level. Information at smaller area level (such as MSOA and electoral ward) can be obtained using the PHE Local Health tool.

https://www.localhealth.org.uk/#c=home

Feedback

If you have any comments, updates to add, or examples of work that you are doing to address any of the areas highlighted and would be happy to share with others, please contact the Health Equity Team at Public Health England: health.equity@phe.gov.uk

We are keen to learn how useful these resources have been and in what way and will take the opportunity to ask for feedback over the coming months.