

MM_Covid_Data_Table

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Definitions

Risk indices: Index values from 1 low to 100 high, for factors that were believed at different times to have an impact on Covid infection rates

As_At: Cumulative Covid 19 infection rates for the given date, as modelled on the given date, based on the data and model development at that date

End_View: Cumulative Covid 19 infection rates for the given date, as modelled on the 15-08-2021, based on the data and model development at the 15-08-2021

column name	type	description
oa11	varchar	2011 Census Output Area
age_risk_all_index	integer	Derived from ONS Age data weighted by COVID-19 death rates by age band. Includes communal residents.
age_risk_hhold_index	integer	Derived from ONS Age data weighted by COVID-19 death rates by age band. Includes household residents only.
num_residents_risk_index	integer	Derived from ONS data for the number of household residents divided by the number of residential properties. This ratio gives an indication of household size with larger households having greater risk of catching COVID-19 from others in the household.
room_risk_index	integer	Derived from ONS data for the number of household residents divided by the number of rooms in residential properties. This ratio gives an indication of overcrowding within properties.
travel_risk_index	integer	Based on ONS travel to work data, weighted: train, metro and light rail 7; bus 5; car passenger, car pool, taxi 3; car driver 2; motorcycle, bicycle, foot 1; home working 0.5; ther or not working 0.
mortality_risk_index	integer	Derived from a More Metrics disaggregation of ONS published population death counts. It is age standardised
smoker_risk_index	integer	Derived from a More Metrics disaggregation of PHE population overweight proportion. It is age standardised
obesity_risk_index	integer	Derived from a More Metrics disaggregation of PHE smoker proportion and ONS lifestyle data. It is age standardised
employment_risk_index	integer	Derived from a More Metrics disaggregation of ONS Annual Survey of Hours and earnings (ASHE) data
wealth_risk_index	integer	Derived from a More Metrics disaggregation of Inland Revenue counts of estates subject to Inheritance Tax
income_risk_index	integer	Derived from a More Metrics imputation of ONS data, with subjective risk
covid_engagement_risk_index	integer	Derived from a More Metrics disaggregation of a basket of petitions relating to health, environment and education factors, demonstrating the degree of empathy with vulnerable groups.
overall_engagement_risk_index	integer	Derived from a More Metrics disaggregation of all petitions, demonstrating the degree of engagement in e-petitions, as a proxy for engagement with Government advice.

column name	type	description
As_At_2020_04_05	decimal	Cumulative Covid 19 infection rates at date (05/04/2020), as modelled at date (05/04/2020)
and then every 7 days until		
As_At_2021_08_15	decimal	Cumulative Covid 19 infection rates at date (15/08/2021), as modelled at date (15/08/2021)
End_view_of_2020_04_05	decimal	Cumulative Covid 19 infection rates as at date (05/04/2020), as modelled at end date (15/08/2021)
and then every 7 days until		
End_view_of_2021_08_15	decimal	Cumulative Covid 19 infection rates as at date (15/08/2021), as modelled at end date (15/08/2021)

Source: Risk Measures ONS, HMRC, Public Health England, Parliamentary and Census 2011 data
Infections UK and Devolved Governments' data
Predictor data More Metrics OA and Postcode Predictor sets, plus other data derived from ONS and other Government agencies

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Update schedule: Static