



PHE Influenza Surveillance graphs

- Influenza activity in the United Kingdom is monitored using a variety of [surveillance systems](#). The [National Influenza Report](#) which interprets the data is published weekly.
- National and subnational outputs from the various surveillance systems are grouped according to the following categories:
 - [Community influenza surveillance](#)
 - [Influenza-like illness GP consultation rates](#)
 - [Influenza-confirmed hospitalisations](#)
 - [All-cause mortality](#)
 - [Microbiological surveillance](#)
 - [Influenza vaccination](#)

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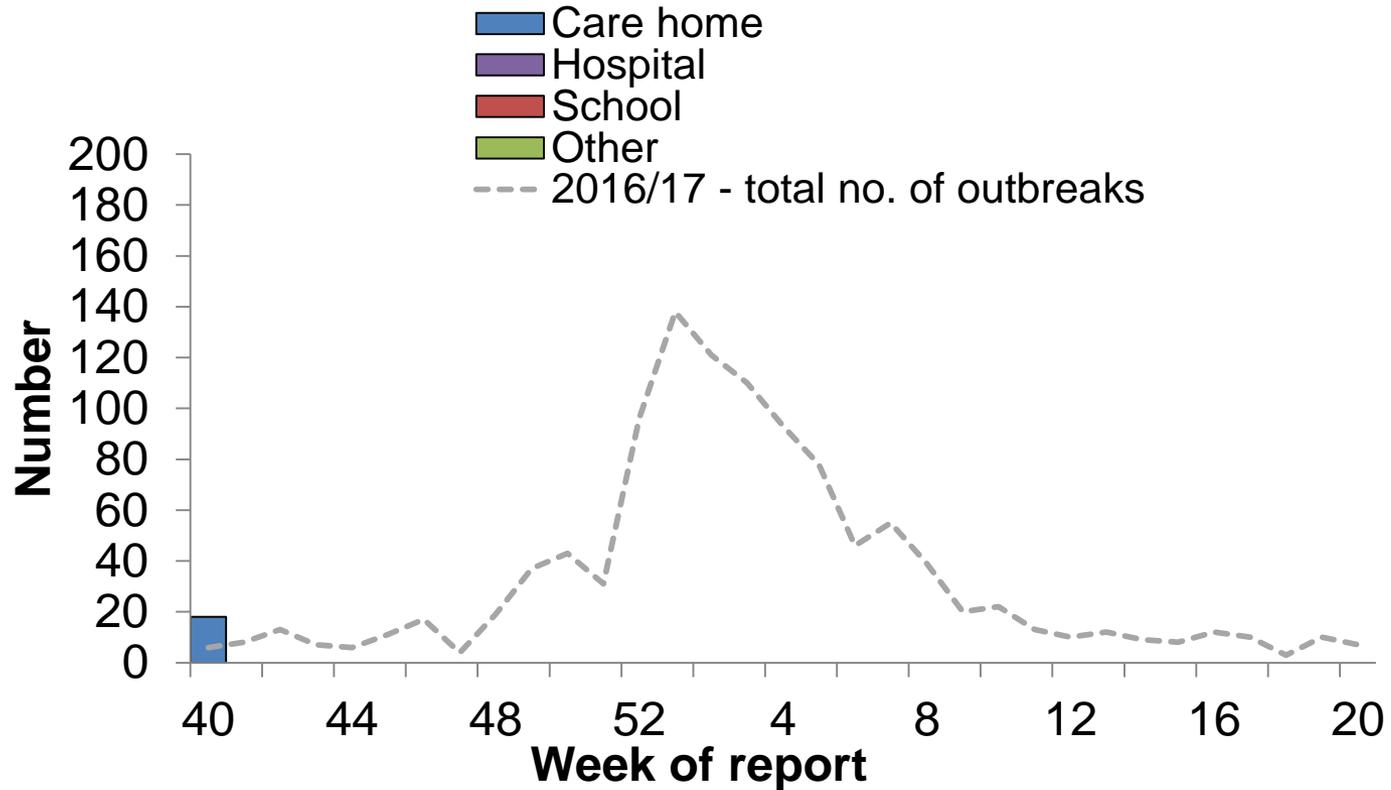


Public Health
England

Community influenza surveillance



Number of acute respiratory outbreaks by institution, UK

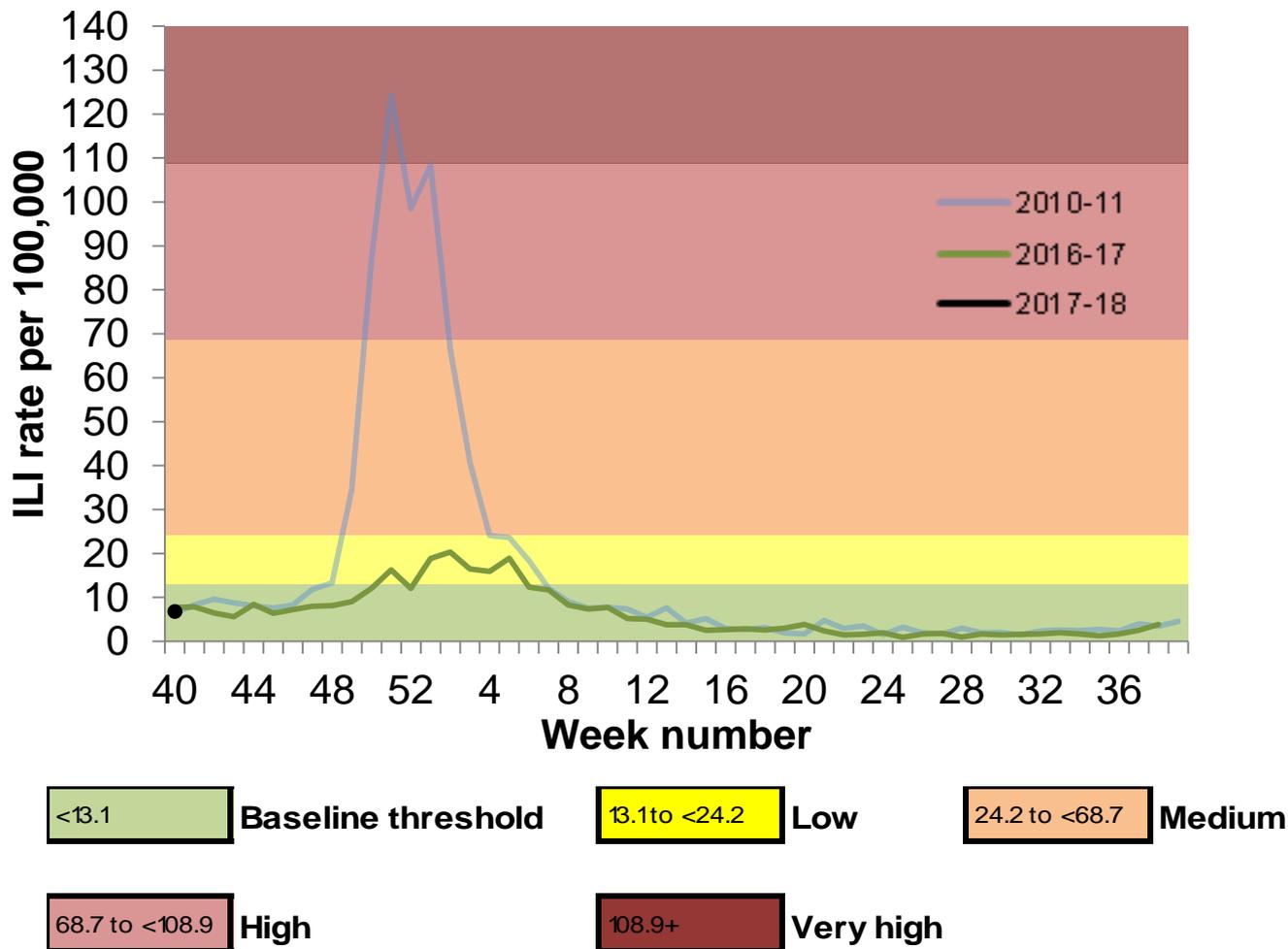




Influenza-like illness GP consultation rates



RCGP ILI consultation rate, England





GP ILI consultations in the UK for all ages with MEM thresholds applied

GP ILI consultation rates (all ages)	Week number																
	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4
England (RCGP)	6.8																
Wales	5.5																
Scotland	5.0																
Northern Ireland	3.4																

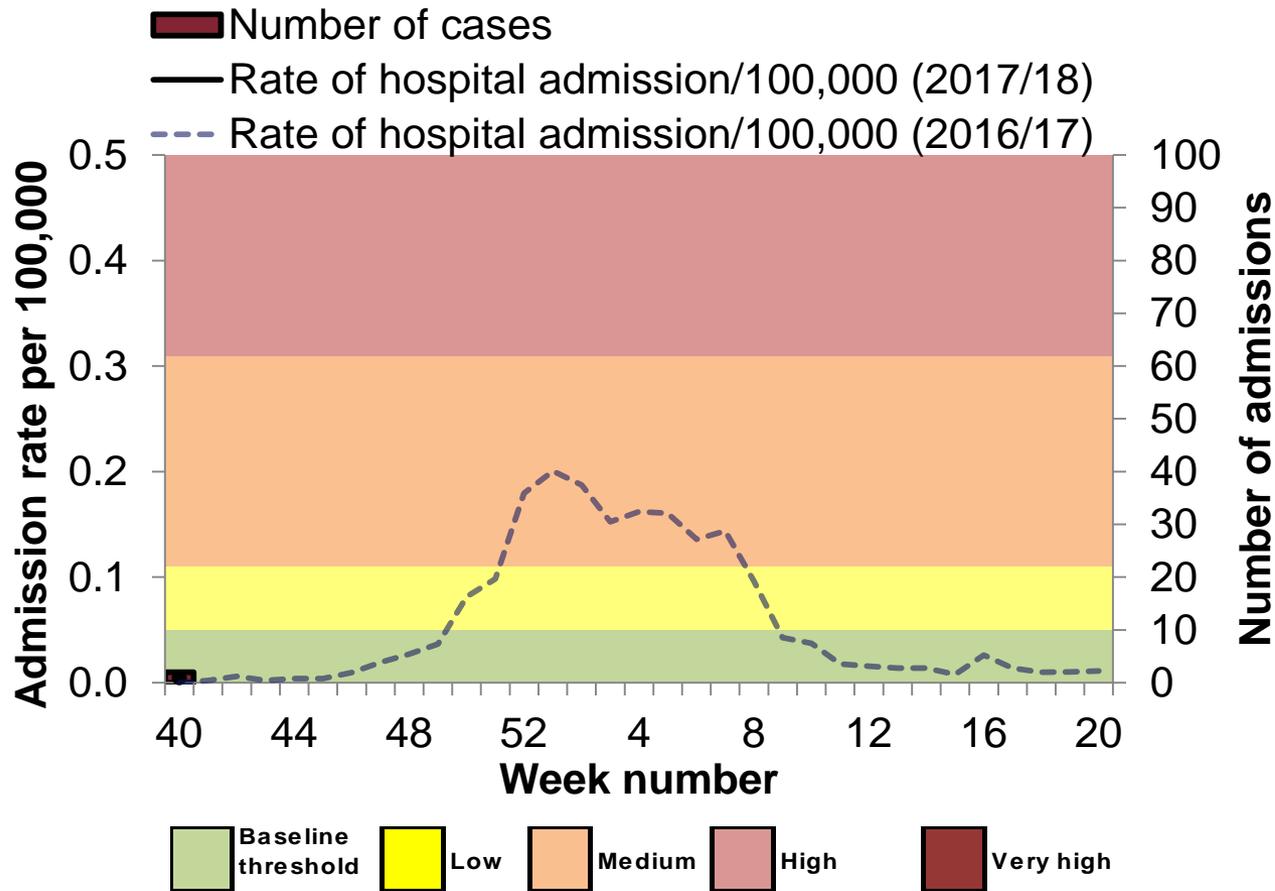
**The Moving Epidemic Method (MEM) has been adopted by the European Centre for Disease Prevention and Control to calculate thresholds for GP ILI consultations for the start of influenza activity (based on 10 seasons excluding 2009/10), in a standardised approach across Europe.*



Influenza-confirmed hospitalisations



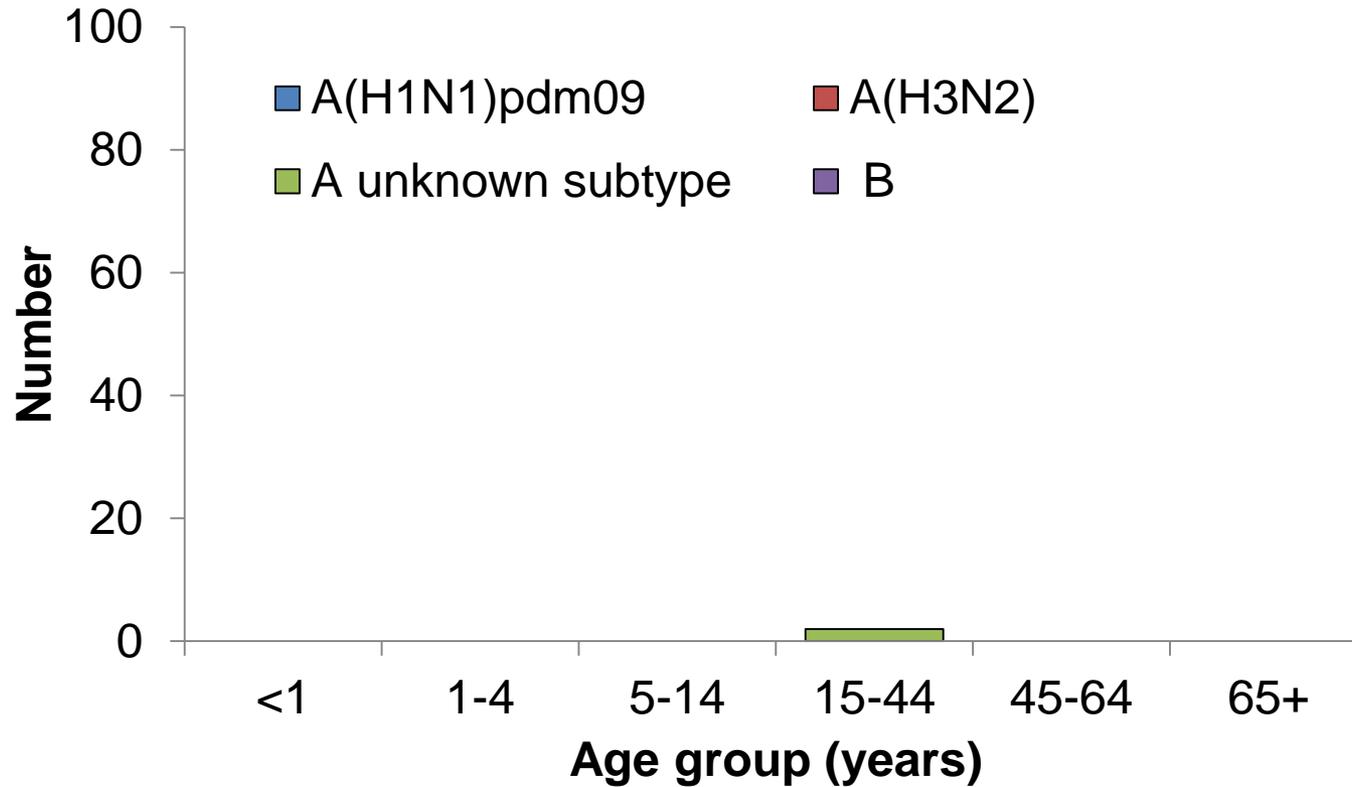
Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population , England, since week 40 2017



**The Moving Epidemic Method (MEM) has been adopted by the European Centre for Disease Prevention and Control to calculate thresholds for ICU/HDU admission rates for the start of influenza activity (based on 6 seasons) in a standardised approach across Europe.*

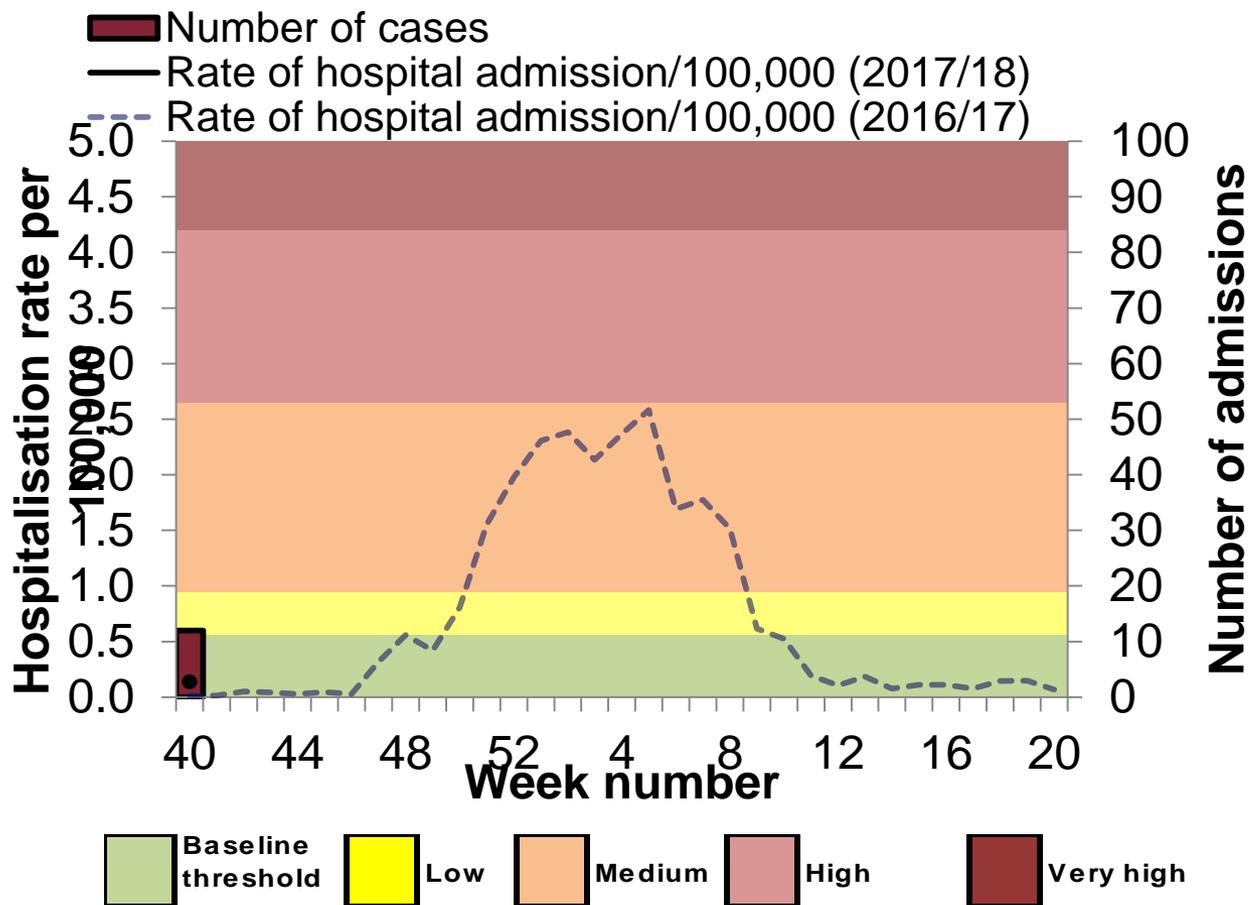


Influenza confirmed ICU admissions (USISS mandatory) by age and influenza subtype, since week 40 2017





Weekly hospitalised influenza case rate per 100,000 trust catchment population , England, since week 40 2017



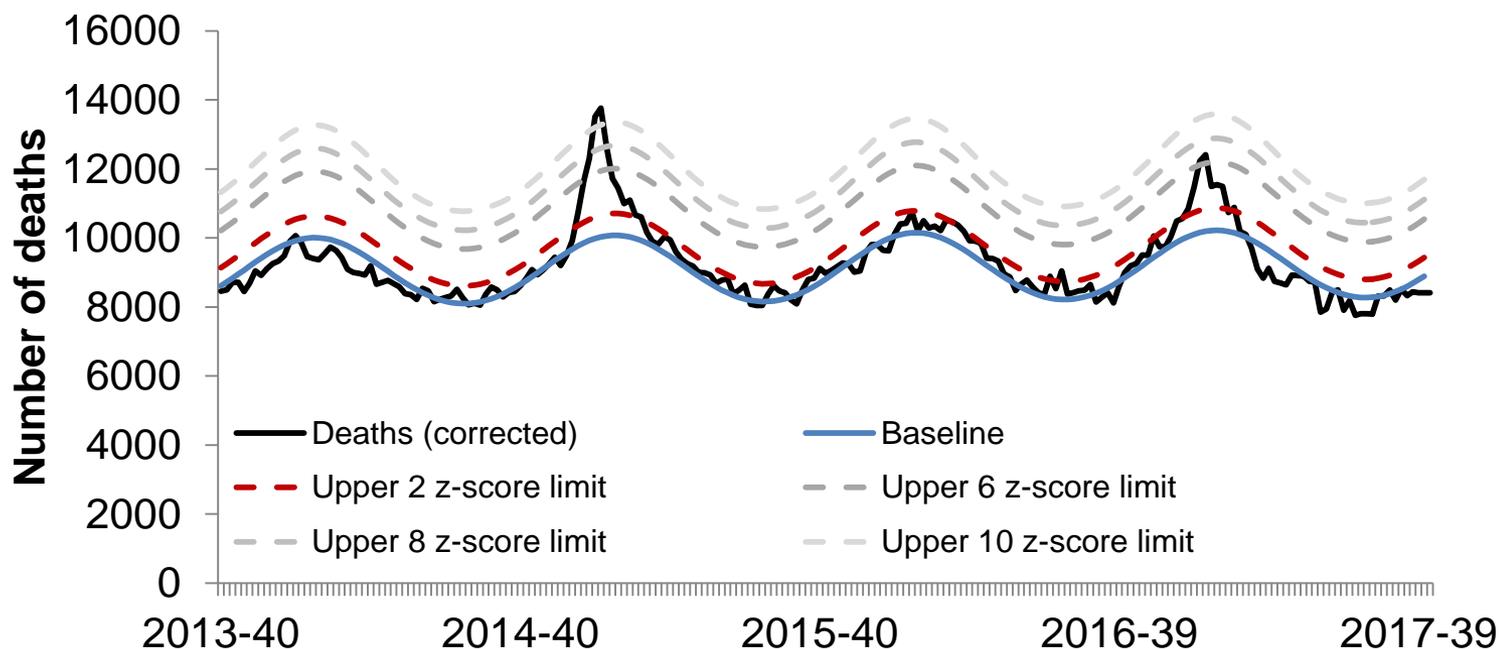
**The Moving Epidemic Method (MEM) has been adopted by the European Centre for Disease Prevention and Control to calculate thresholds for hospital admission rates for the start of influenza activity (based on 6 seasons) in a standardised approach across Europe.*



All-cause mortality



Excess mortality (all causes) by week of death through the EuroMOMO algorithm in all ages, England



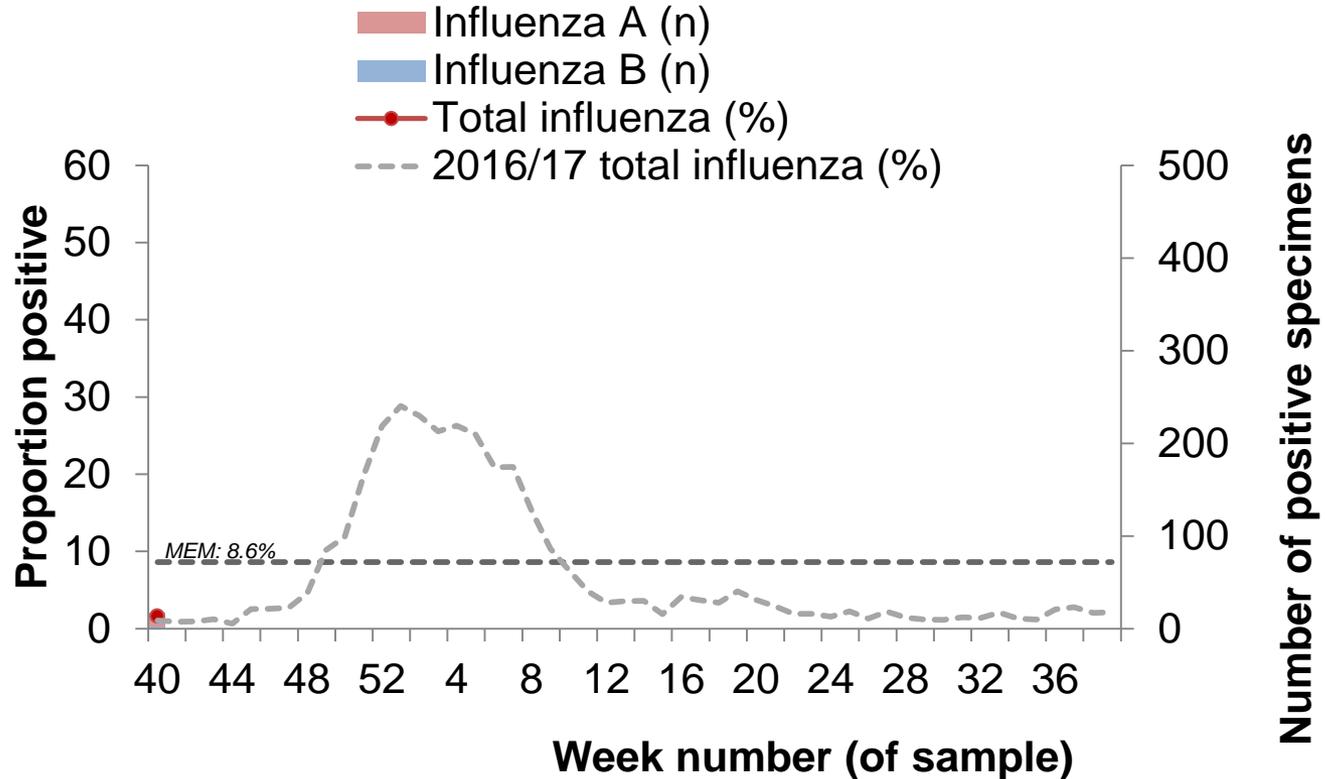


Public Health
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Microbiological surveillance

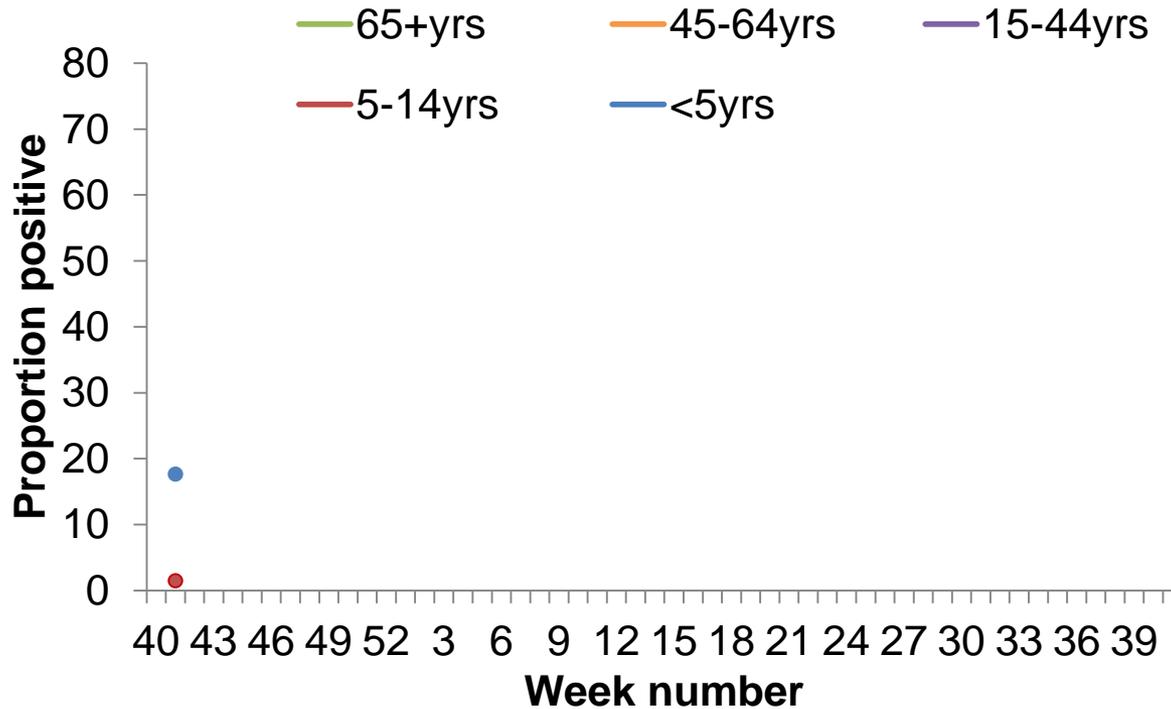


DataMart: Number and proportion of samples positive for influenza, by type, England



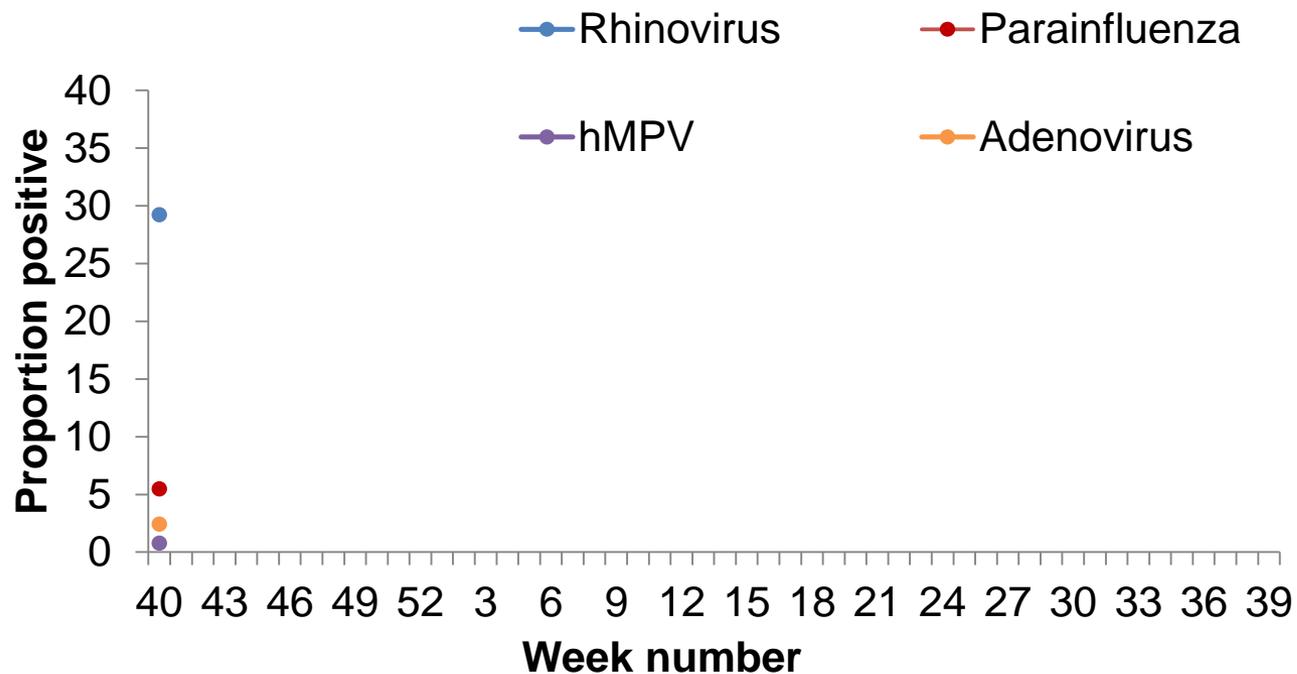


DataMart: Proportion of samples positive for RSV, by age group





DataMart: Proportion of samples positive for other viruses



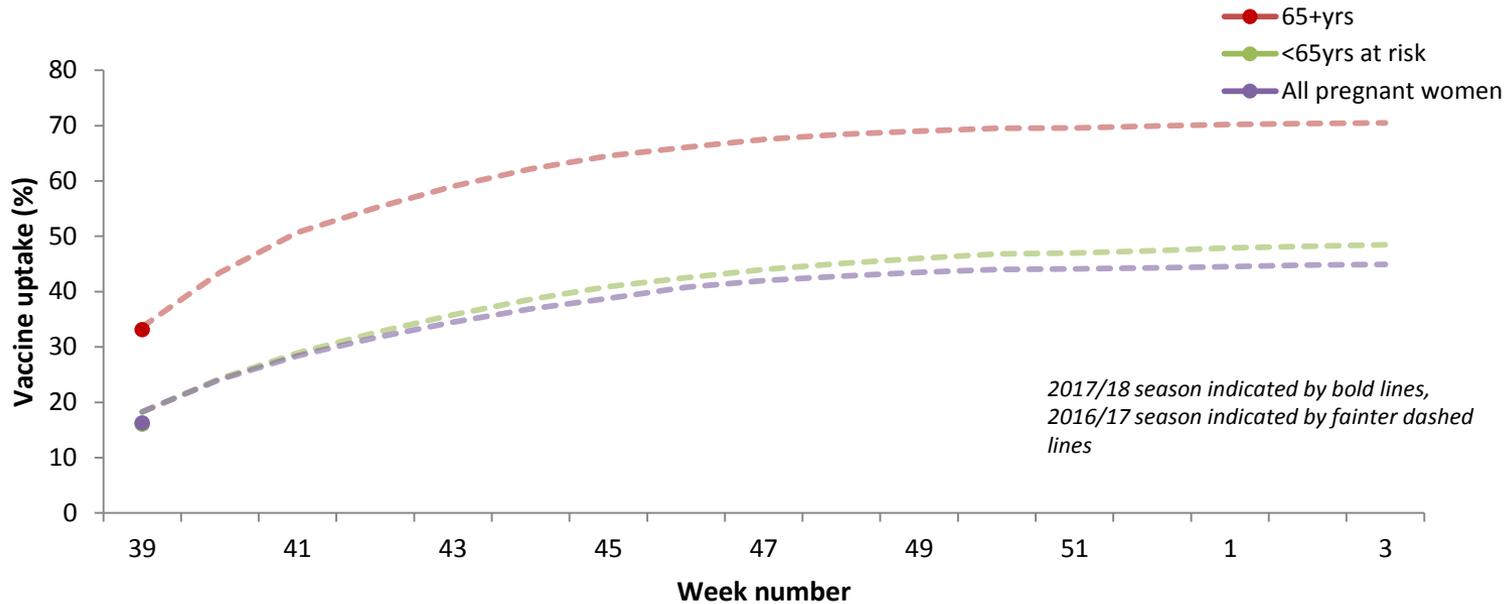


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Influenza vaccination



Seasonal influenza vaccine uptake in targeted groups, 2016/17, England





Links

- Sources of UK flu surveillance data:

<https://www.gov.uk/sources-of-uk-flu-data-influenza-surveillance-in-the-uk>

- Weekly flu report

<https://www.gov.uk/government/statistics/weekly-national-flu-reports>