Public Health England

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

Respiratory Diseases Department
Centre for Infectious Disease Surveillance and Control
Public Health England
respcidsc@phe.gov.uk

Public Health England

Community influenza surveillance

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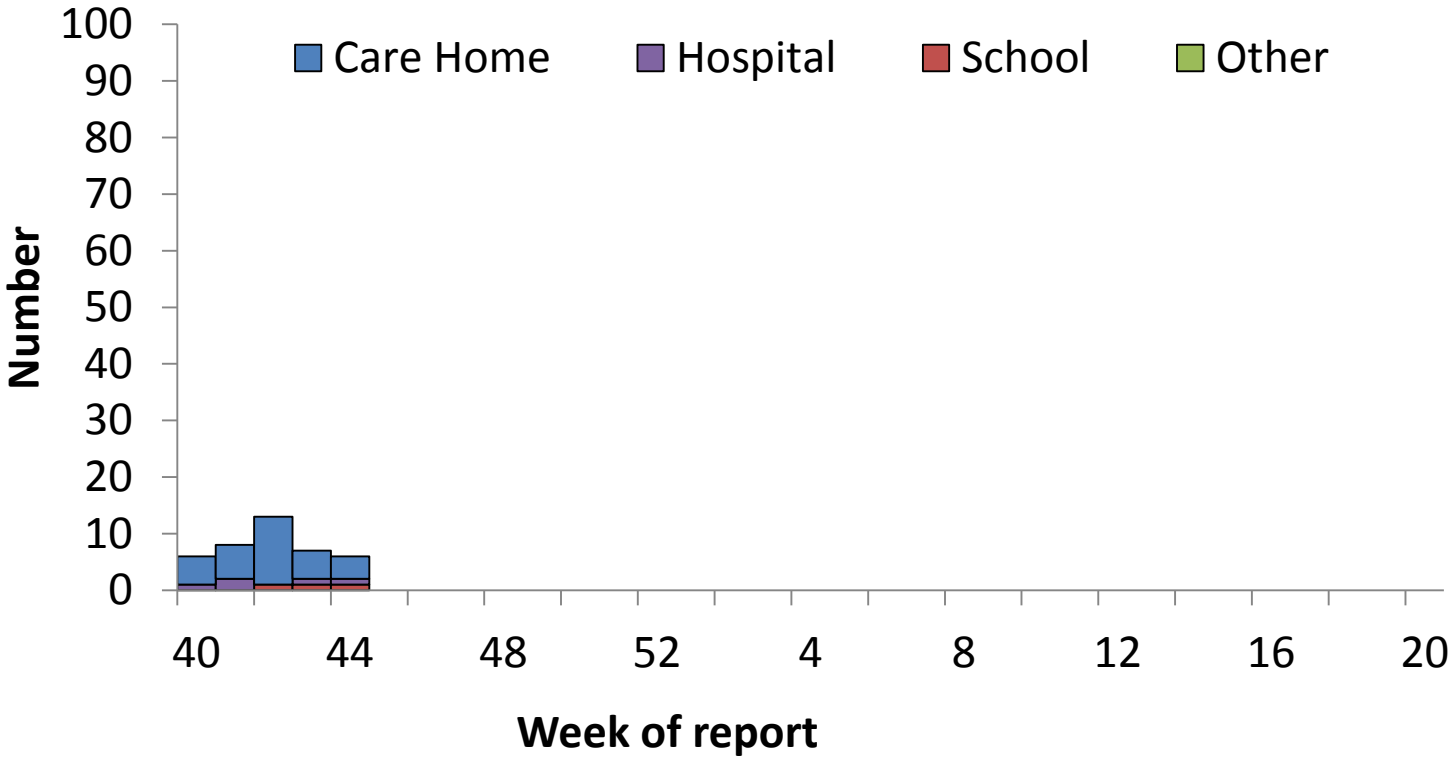
Public Health England

Number of acute respiratory outbreaks by institution, UK



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Public Health England

Outbreaks (table by PHE Region)

	Outbreaks reported in Week 44	Cumulative since Week 40
PHE North of England	2	7
PHE Midlands and East of England	2	18
PHE London	0	0
PHE South of England	2	14

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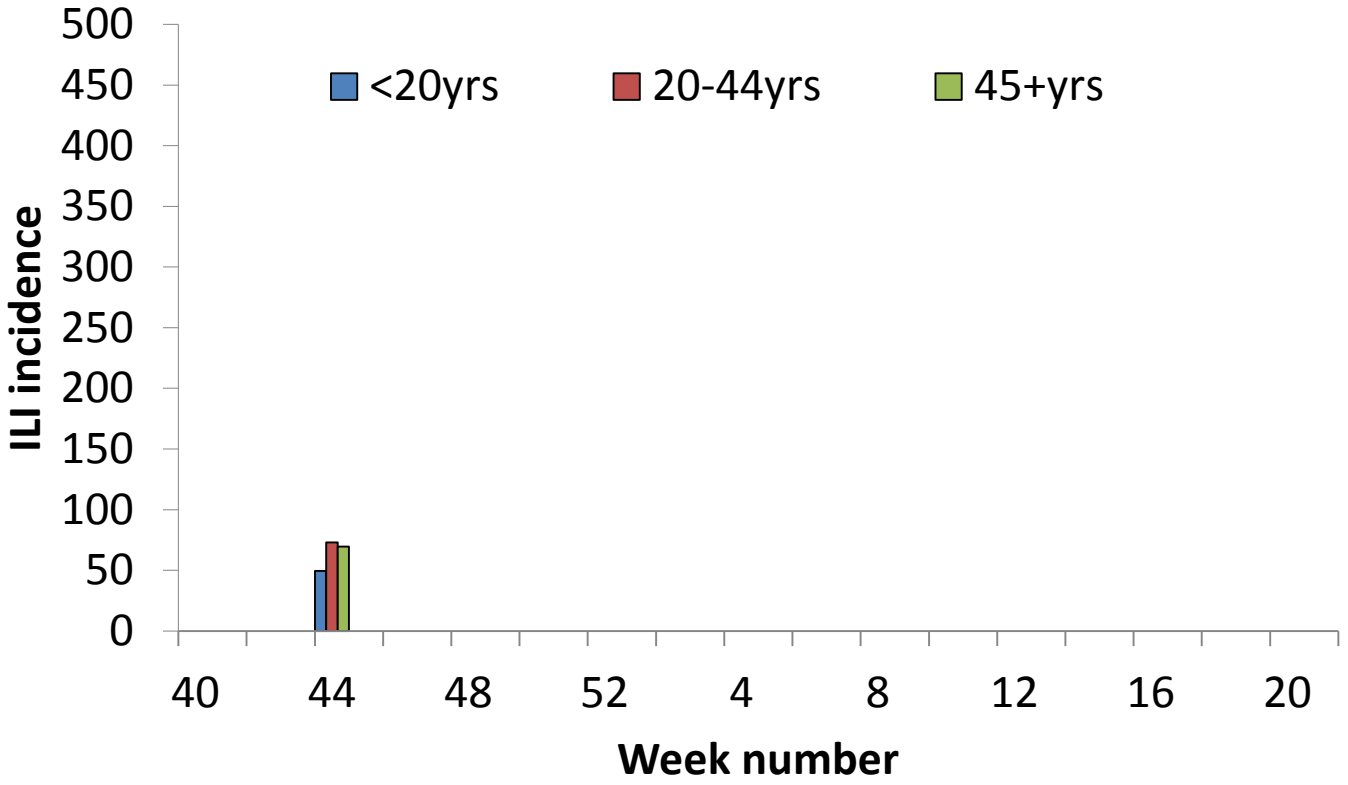
FluSurvey ILI incidence by age group, UK



NB: Data is expected later in the season for FluSurvey

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Public Health England

Influenza-like illness GP consultation rates

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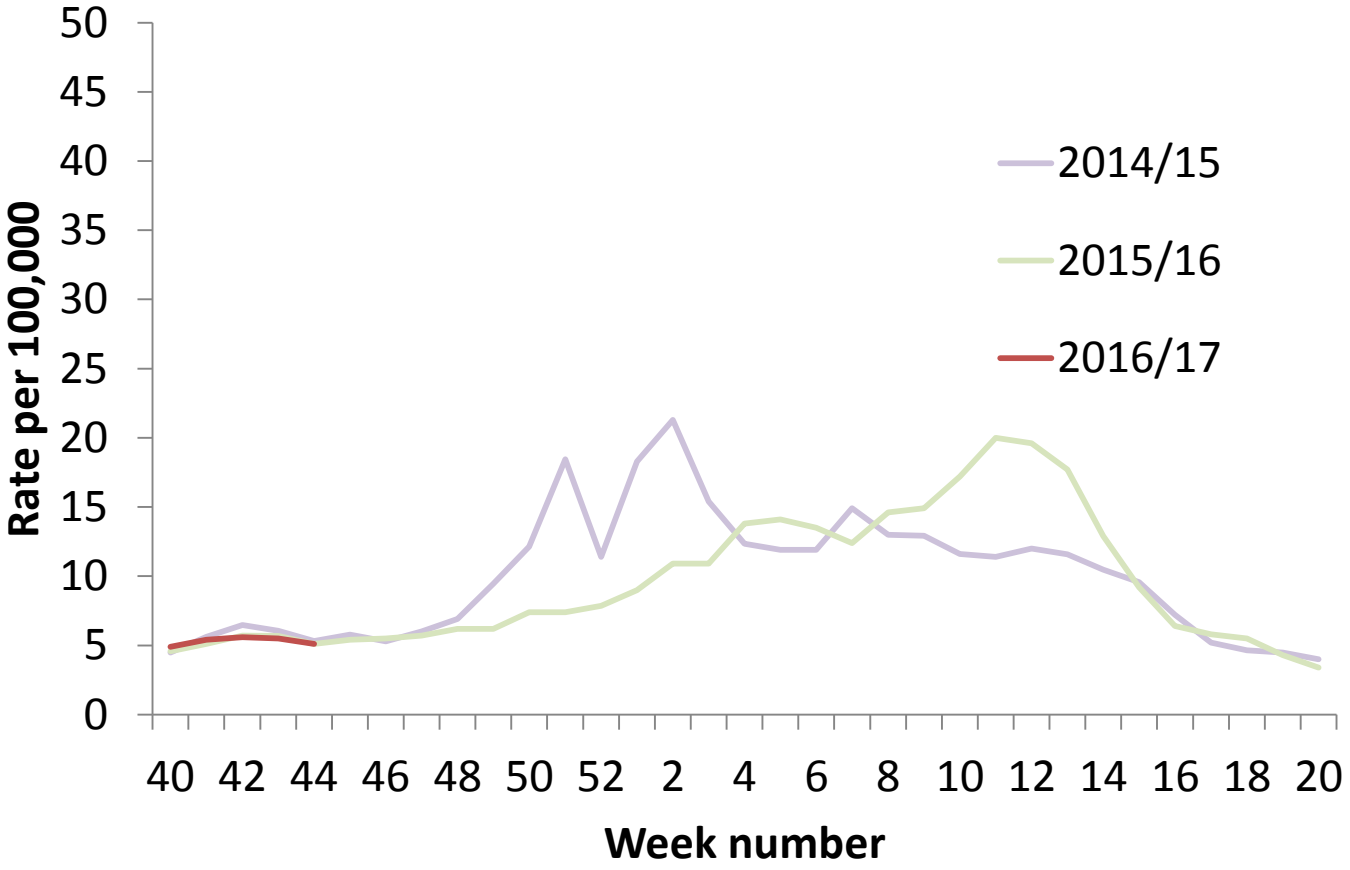
Public Health England

GP In Hours ILI consultation rate, England



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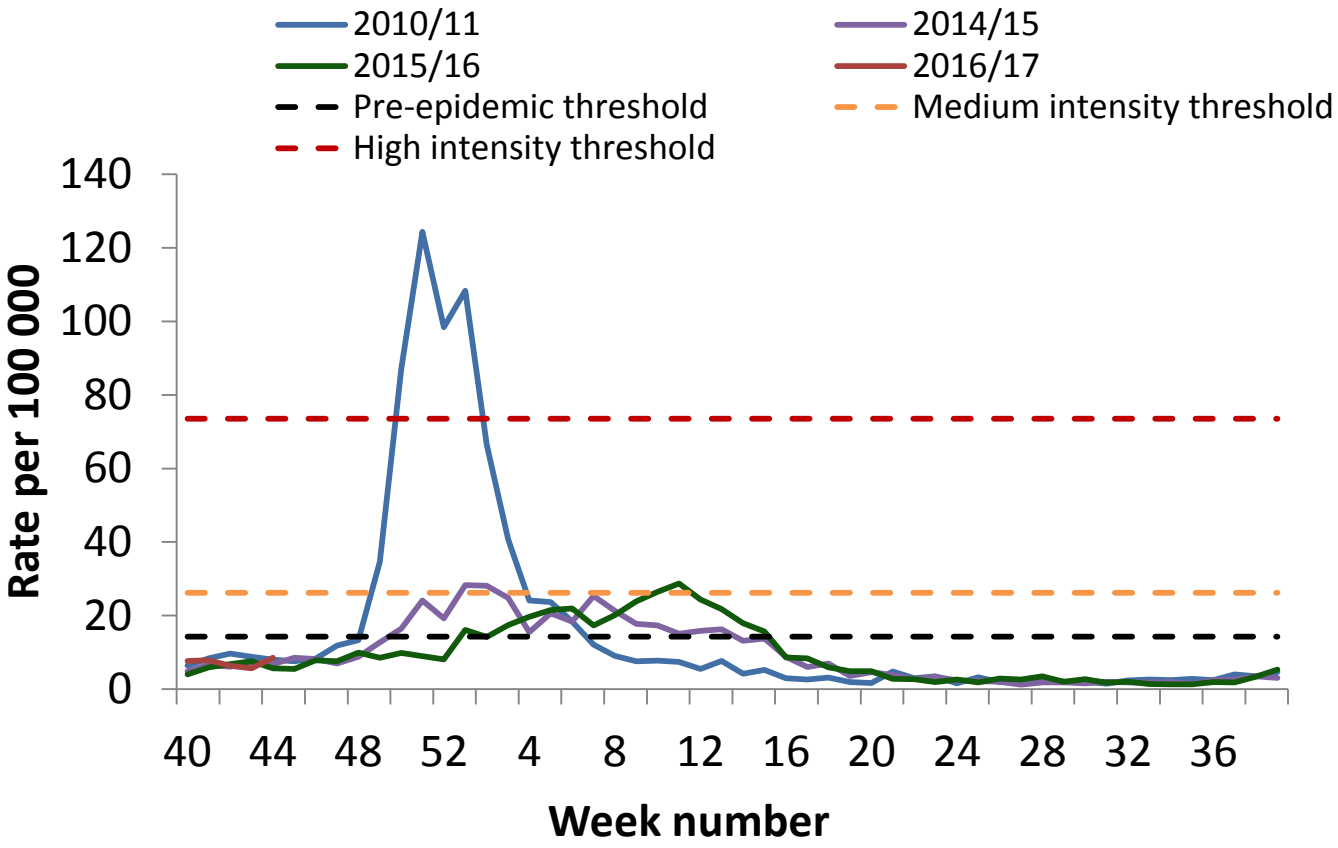
RCGP ILI consultation rate, England



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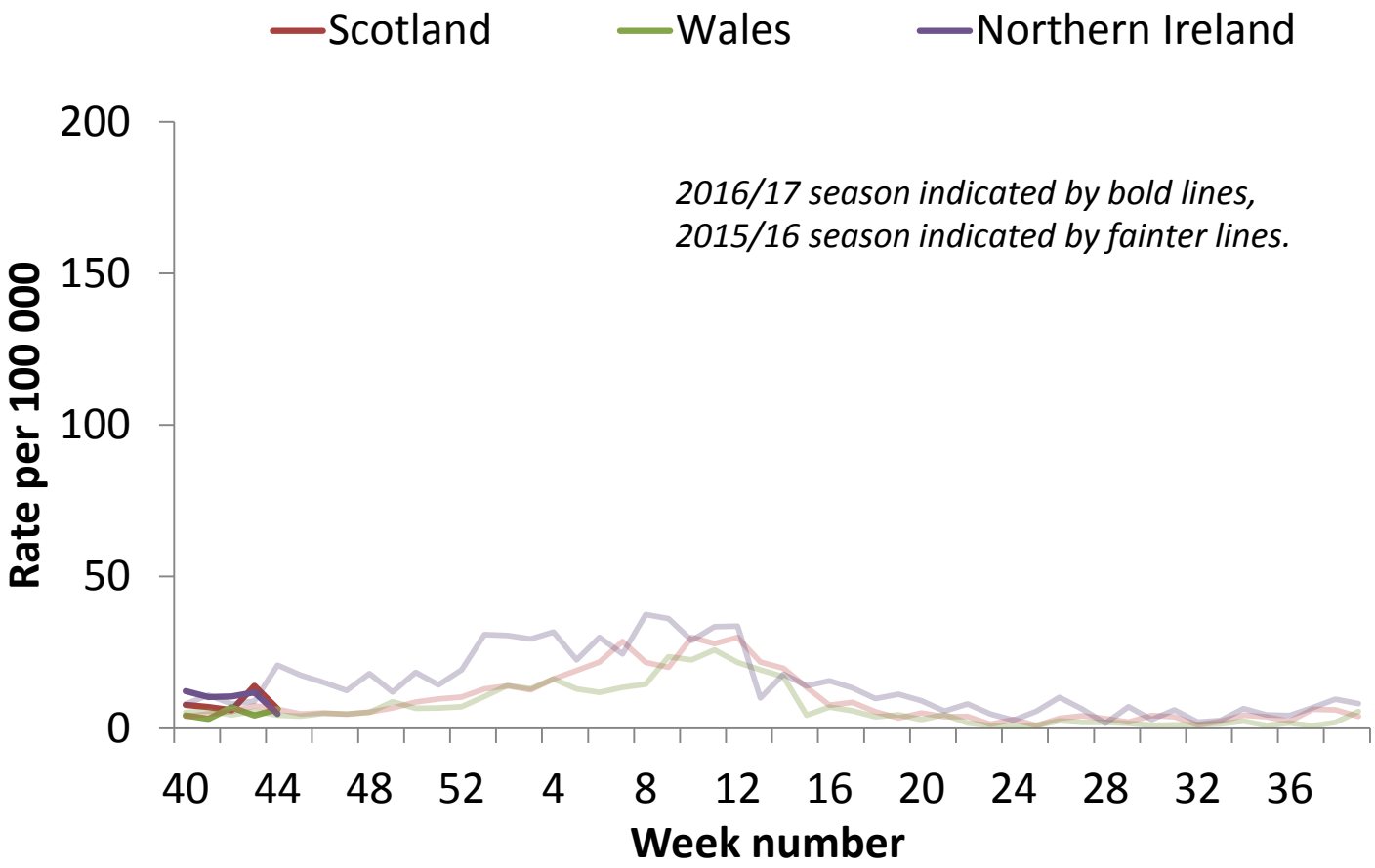
ILI/influenza –Scotland, Wales and Northern Ireland



Scottish rates are weekly averages of daily data.

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Influenza-confirmed hospitalisations

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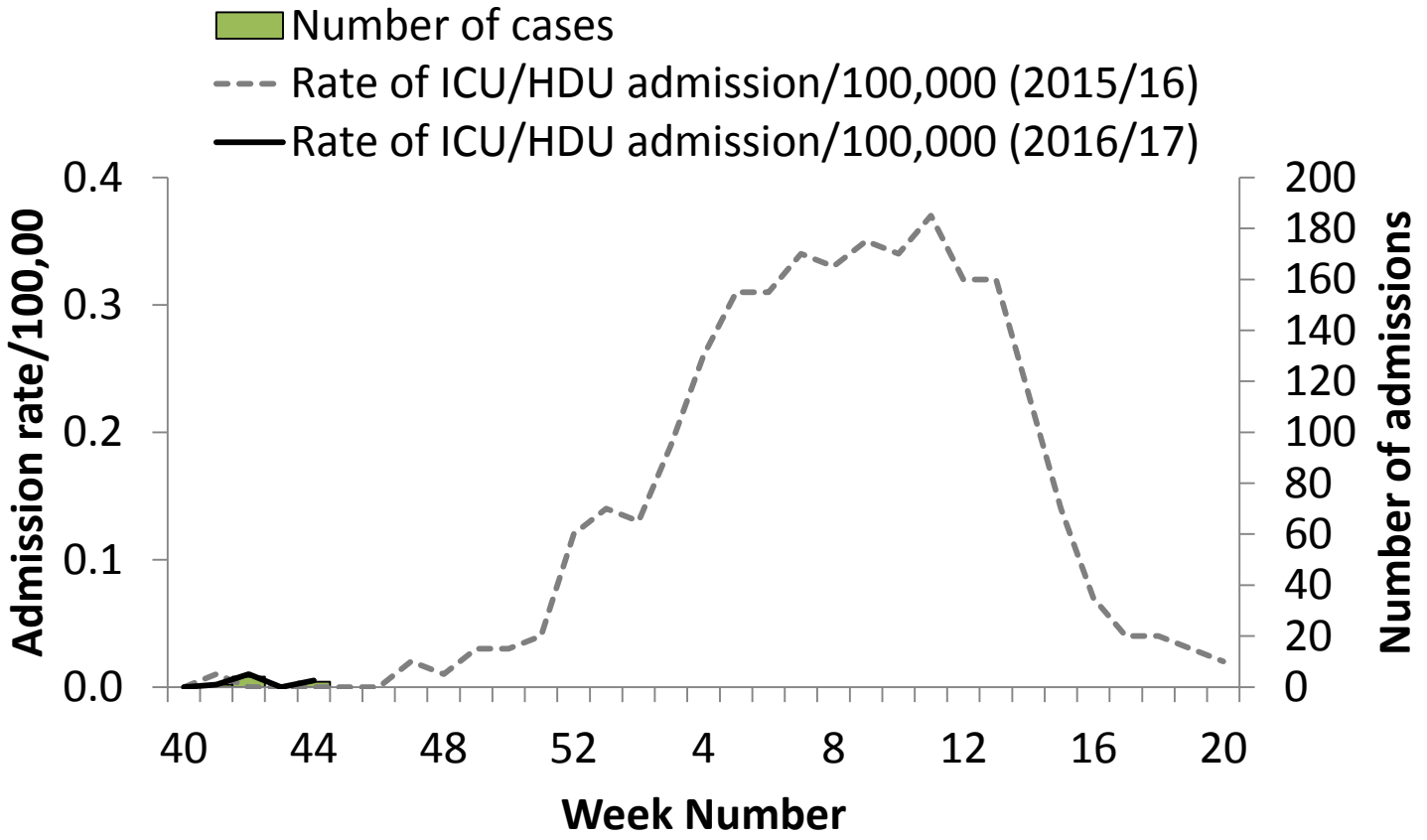
Public Health England

Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population , England, since week 40 2016



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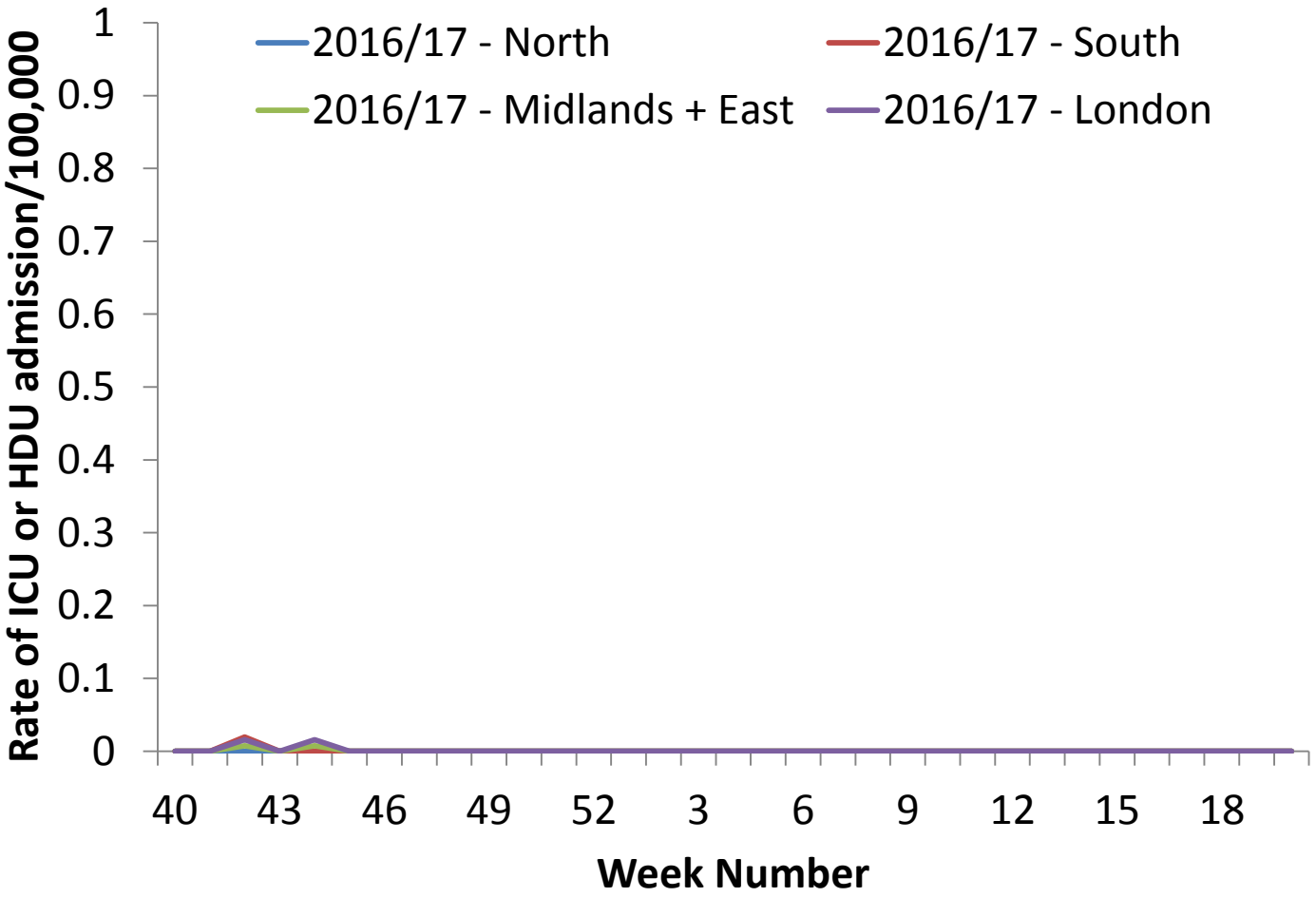
Public Health England

Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population by PHE region, since week 40 2016



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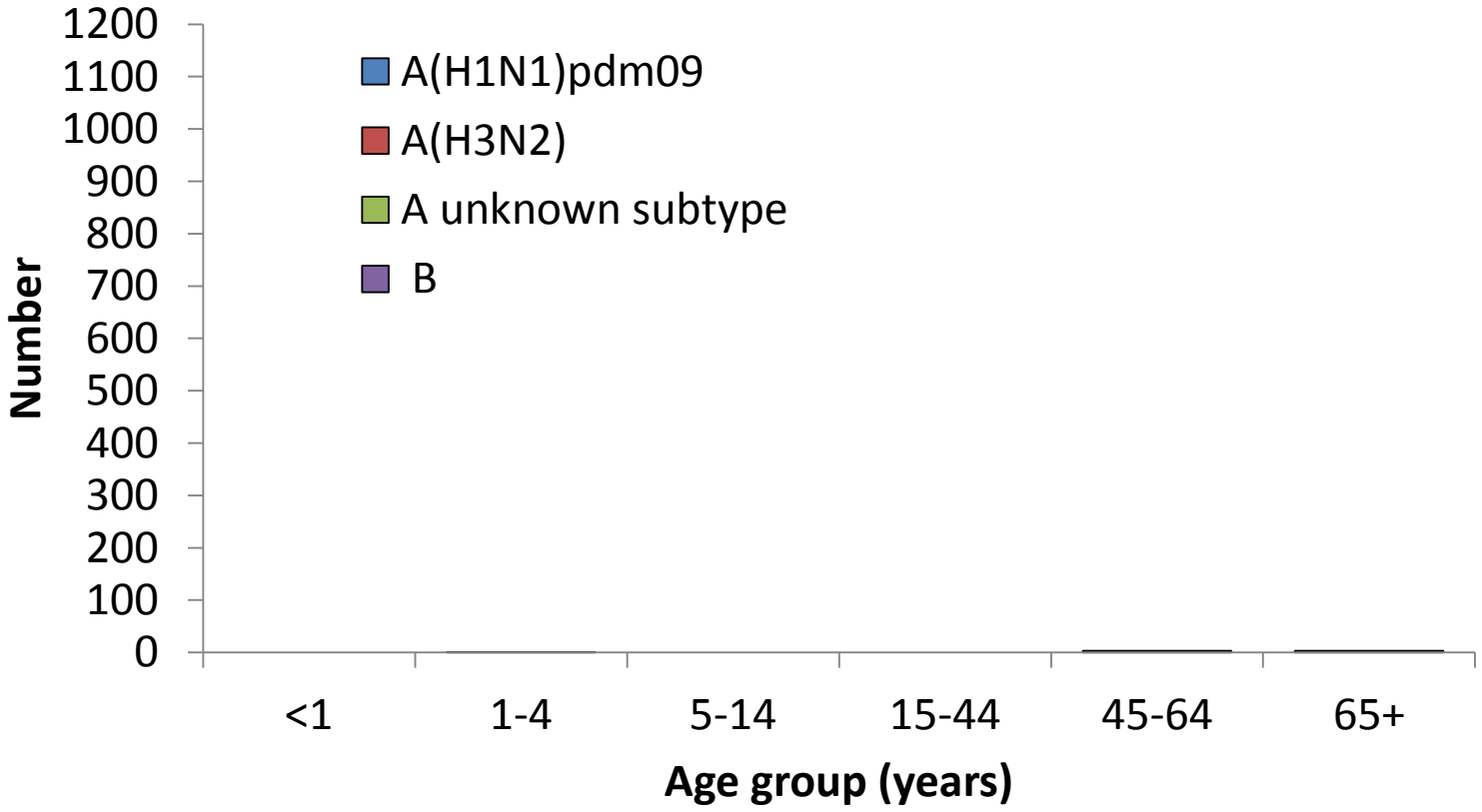
Public Health England

Influenza confirmed ICU admissions (USISS mandatory) by age and influenza subtype, since week 40 2016



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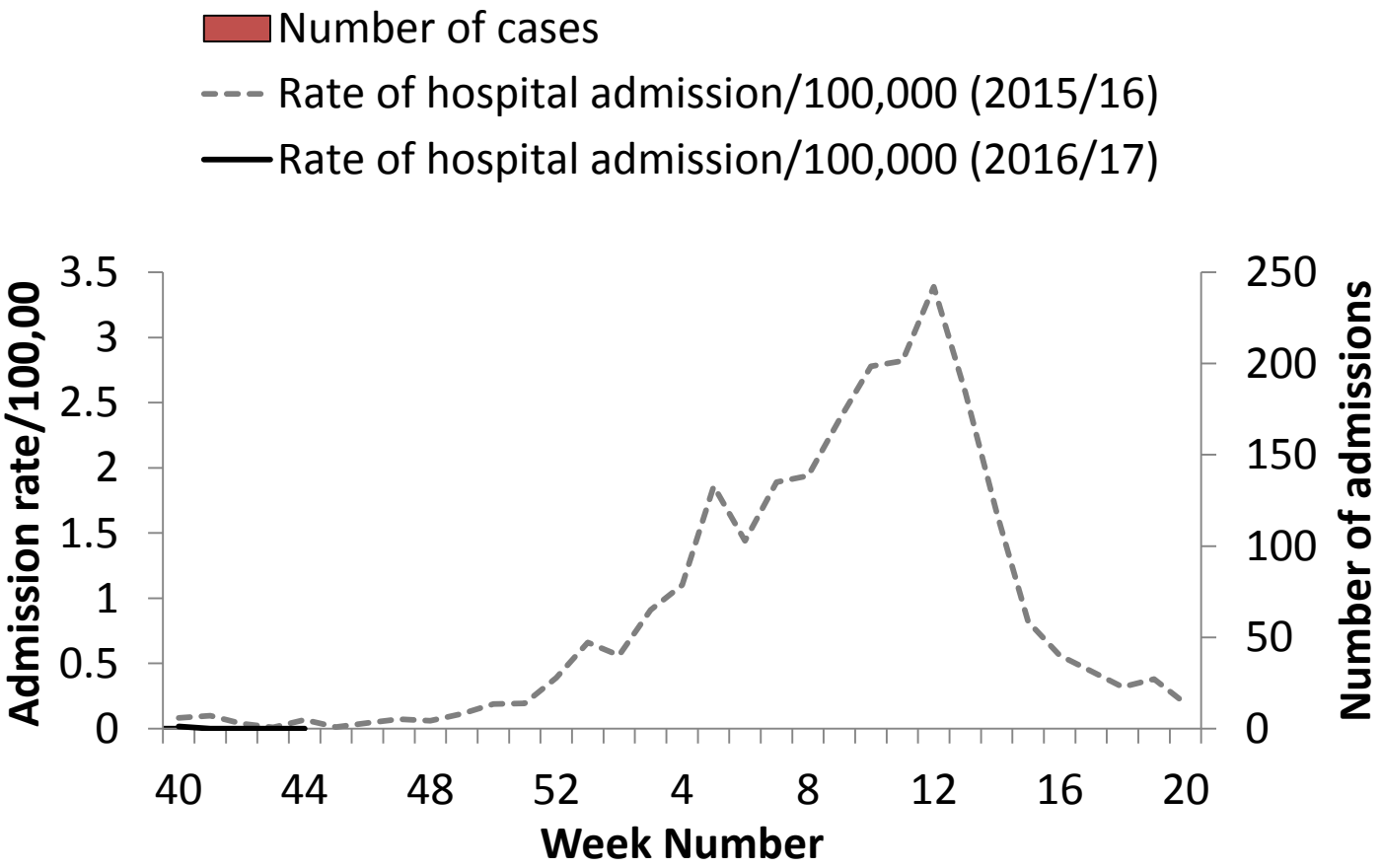
Public Health England

Weekly hospitalised influenza case rate per 100,000 trust catchment population , England, since week 40 2016



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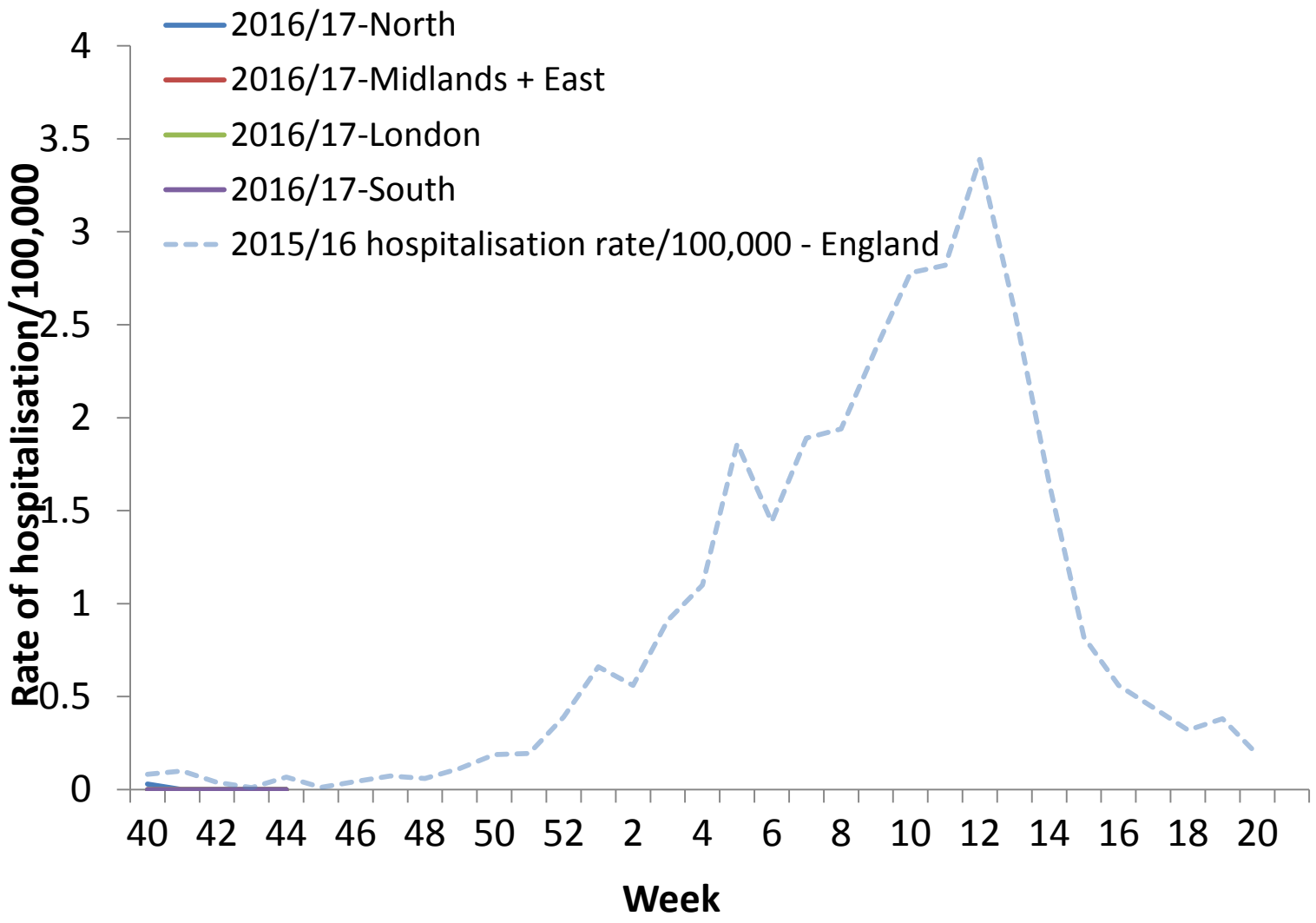
Public Health England

Weekly hospitalised influenza case rate per 100,000 trust catchment population by PHE Region, since week 40 2016



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Public Health England

All-cause mortality

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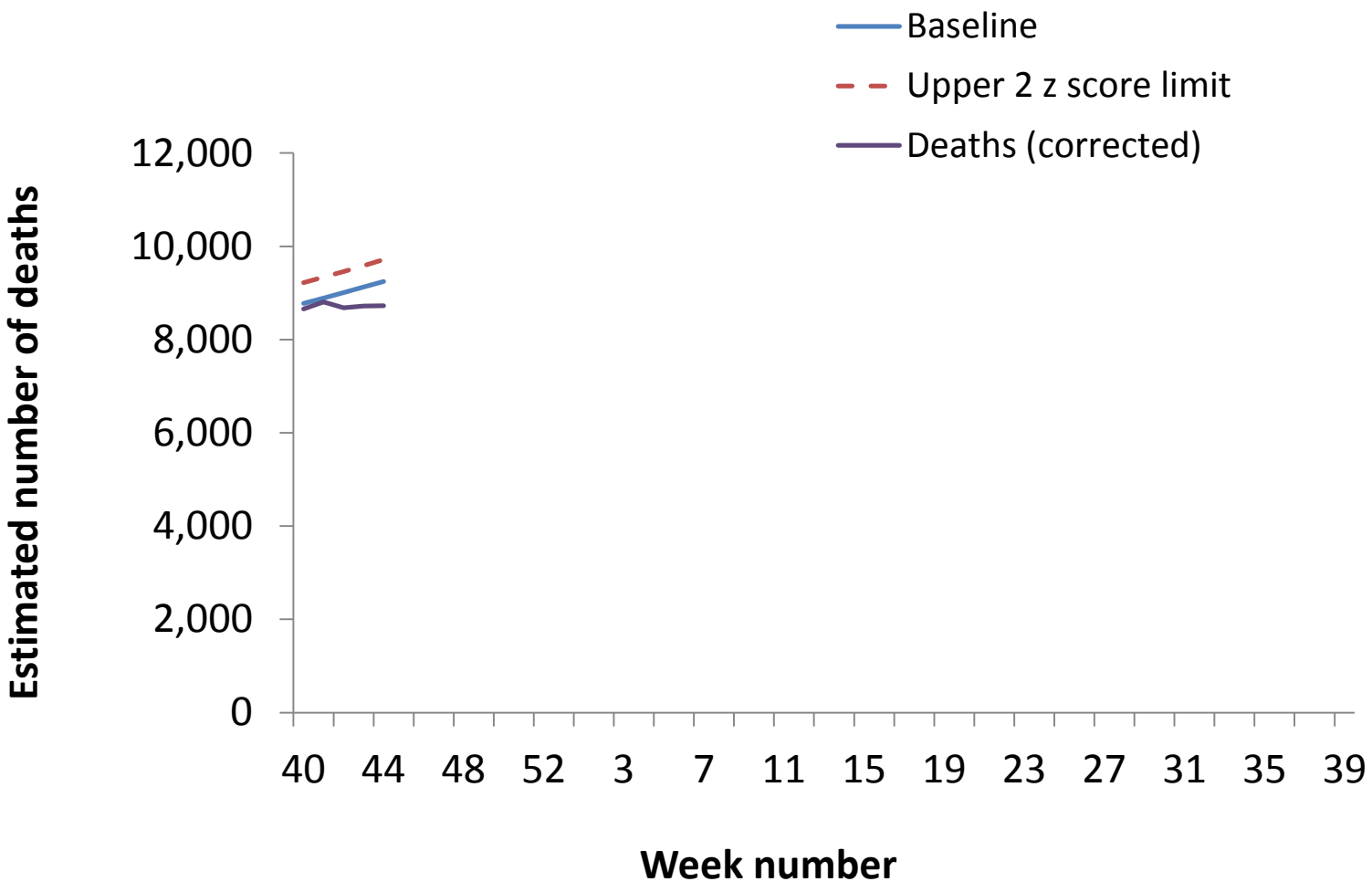
Public Health England

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



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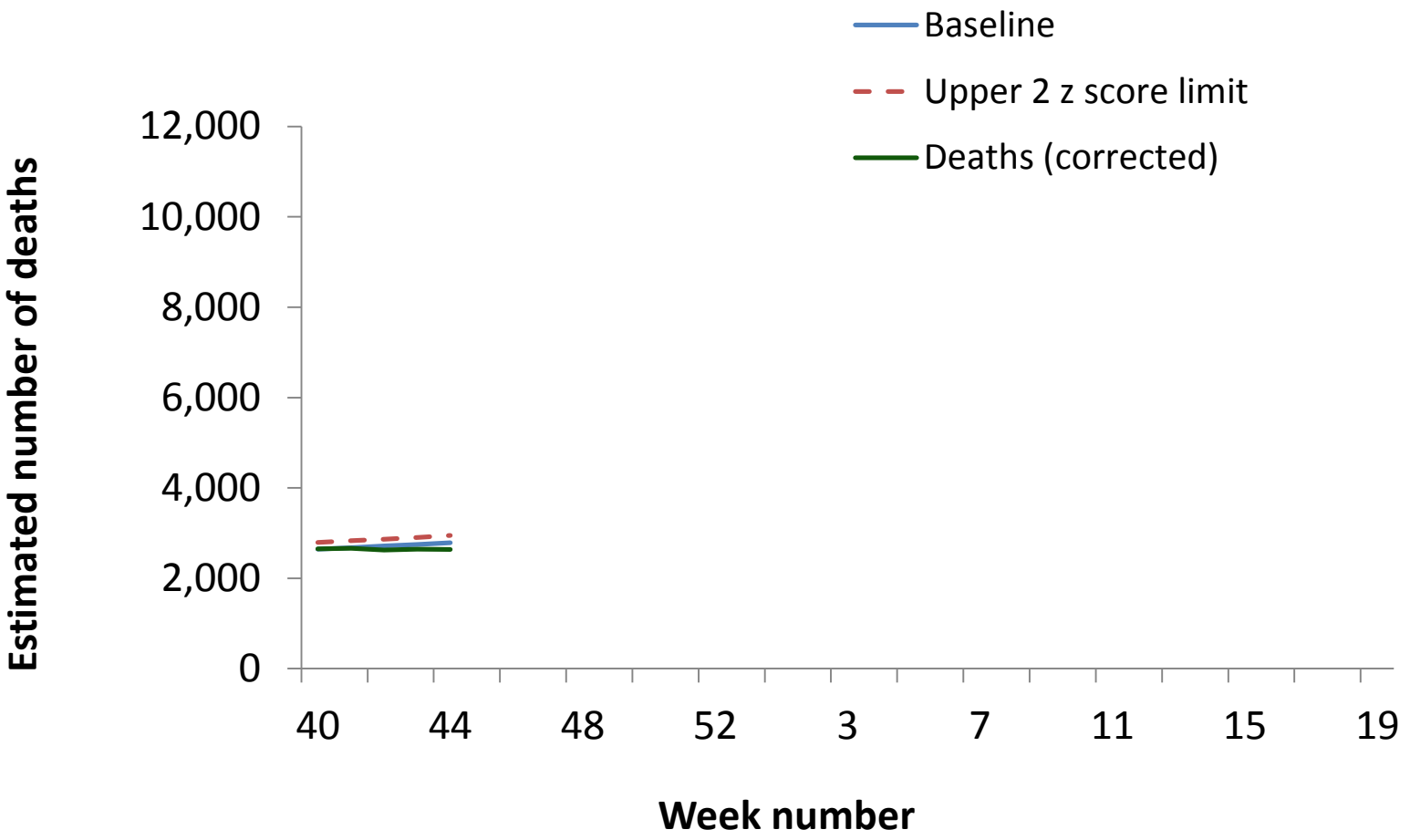
Public Health England

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



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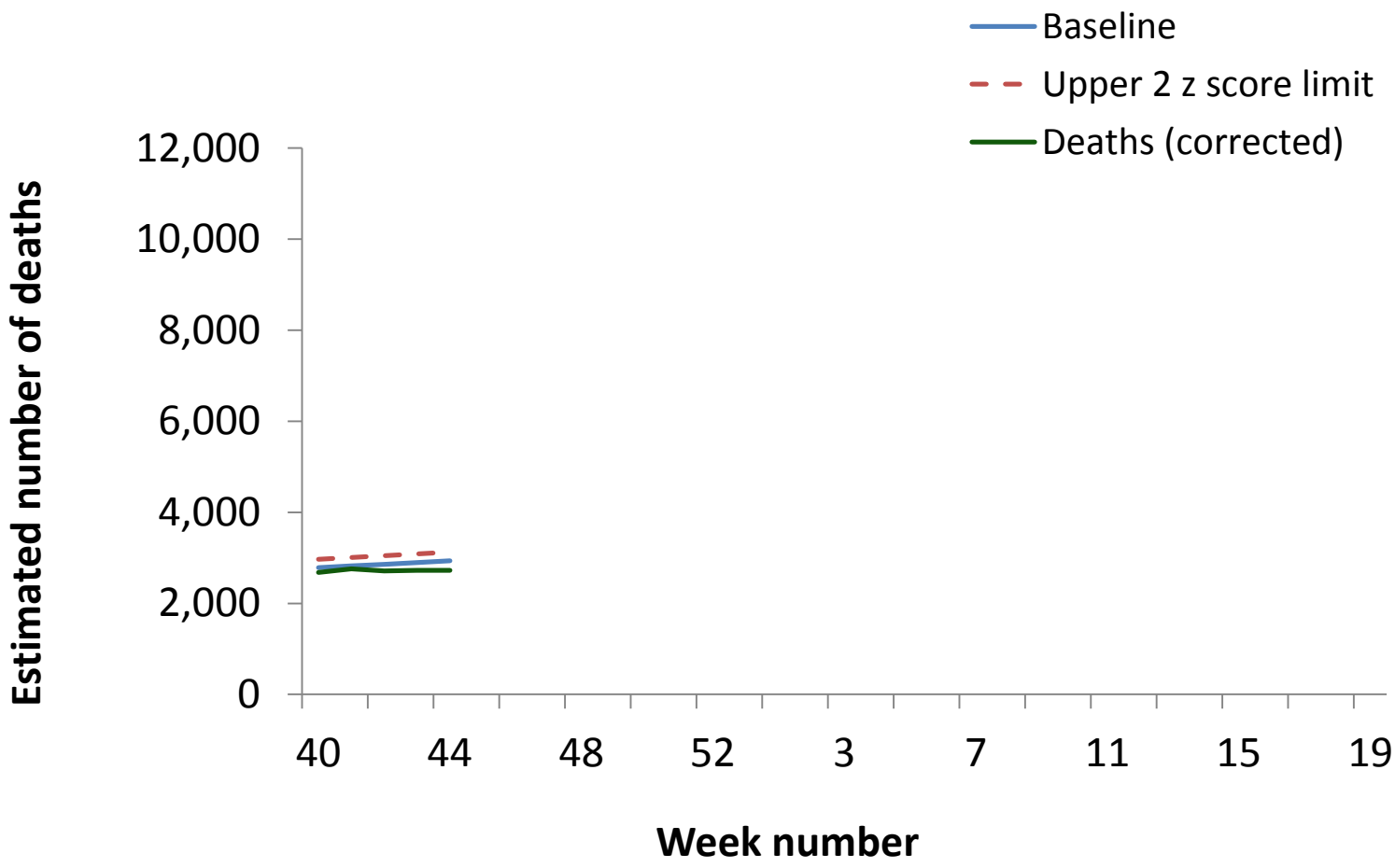
Public Health England

Excess mortality (all causes) by week of death through the EuroMOMO algorithm, PHE Midlands and East of England



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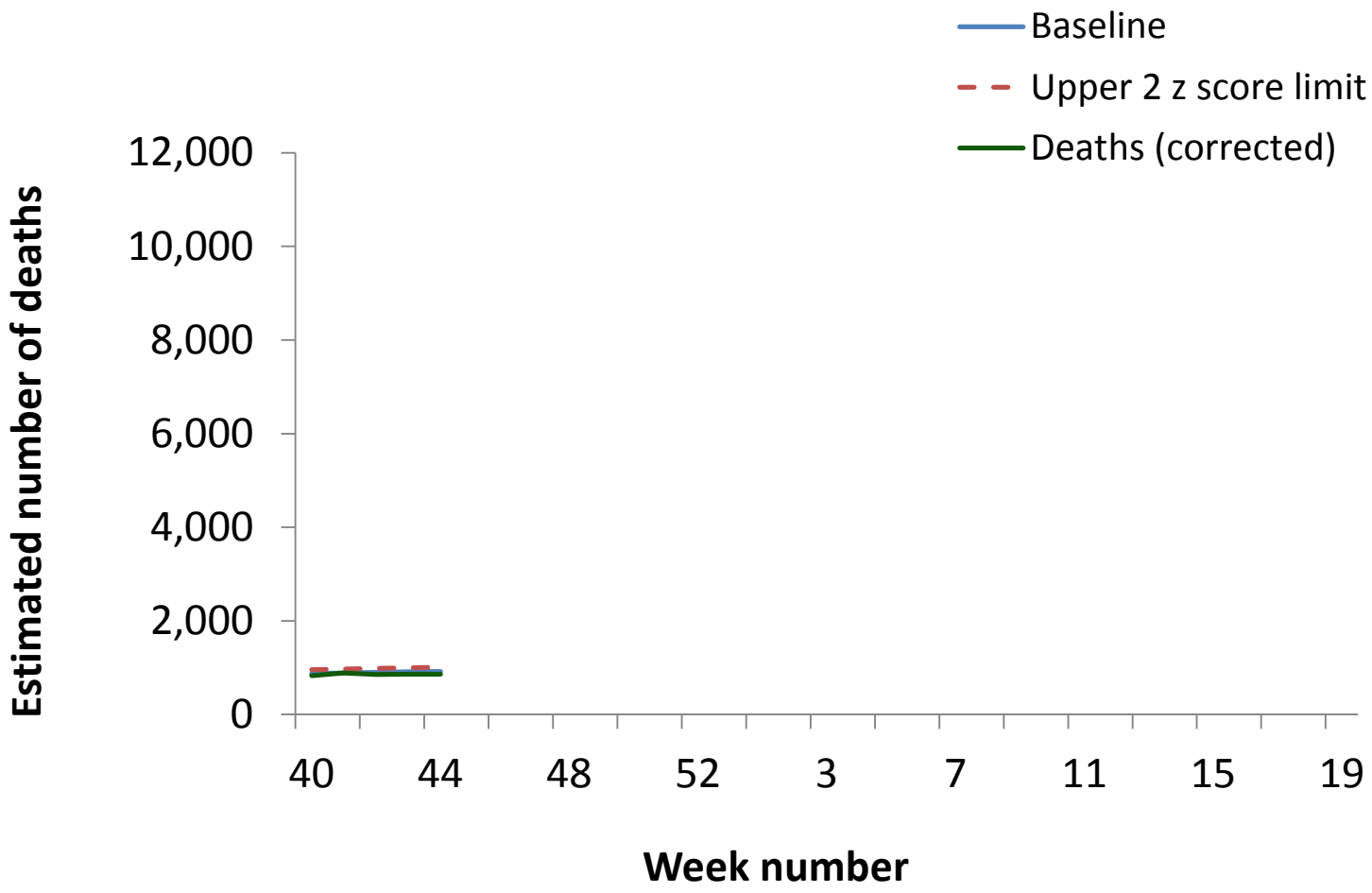
Public Health England

Excess mortality (all causes) by week of death through the EuroMOMO algorithm, PHE London



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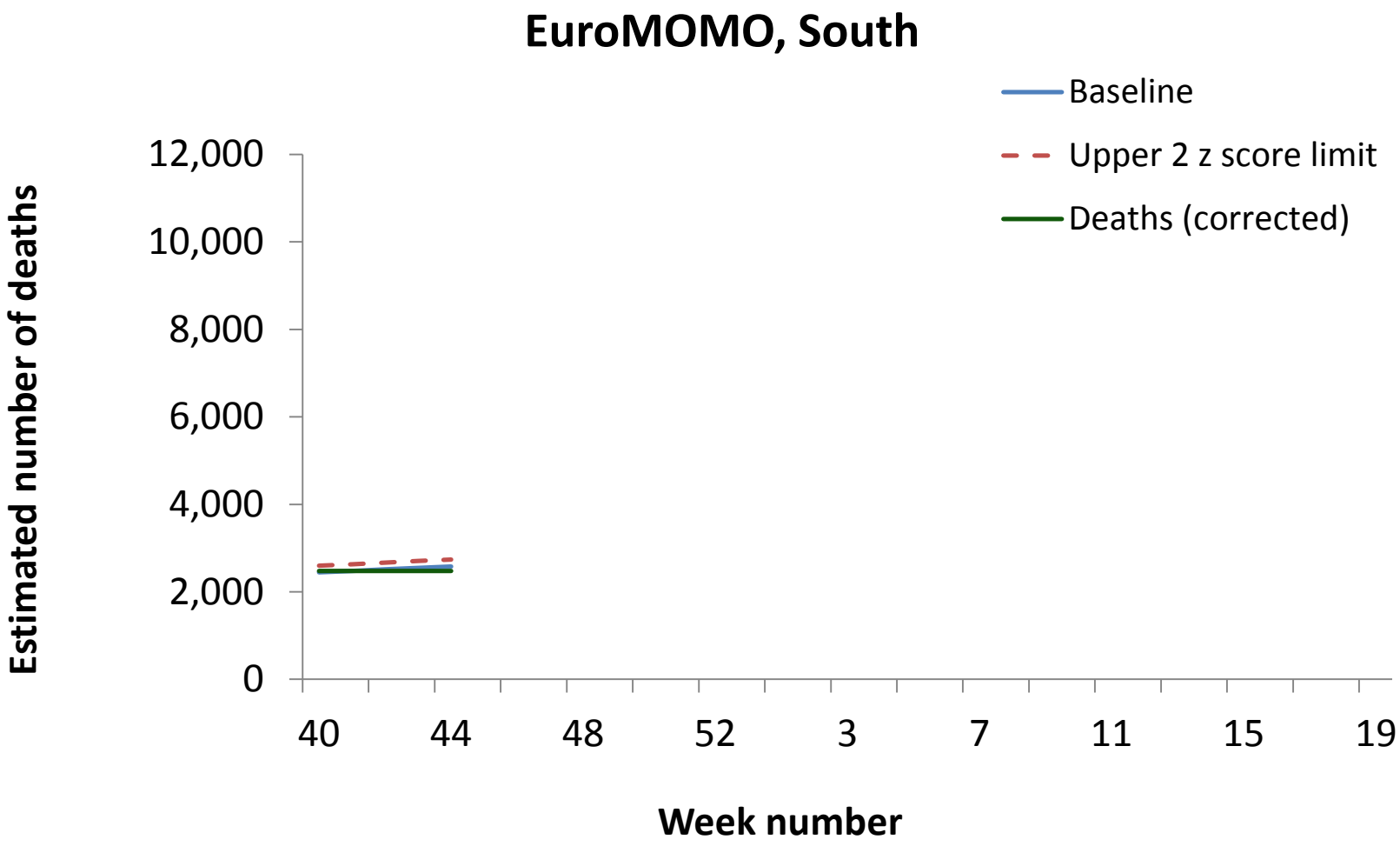
Public Health England

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



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Public Health England

Microbiological surveillance

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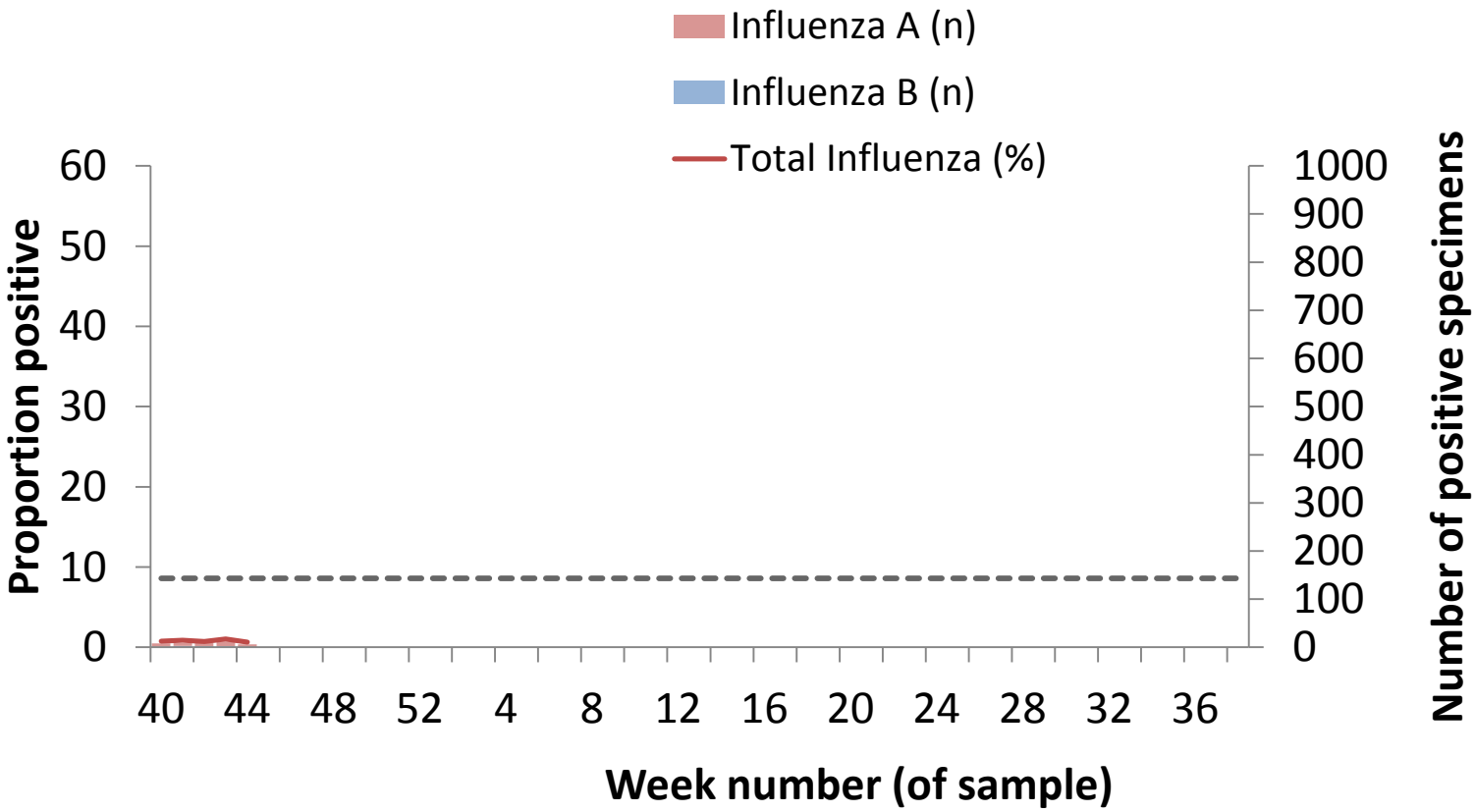
Public Health England

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



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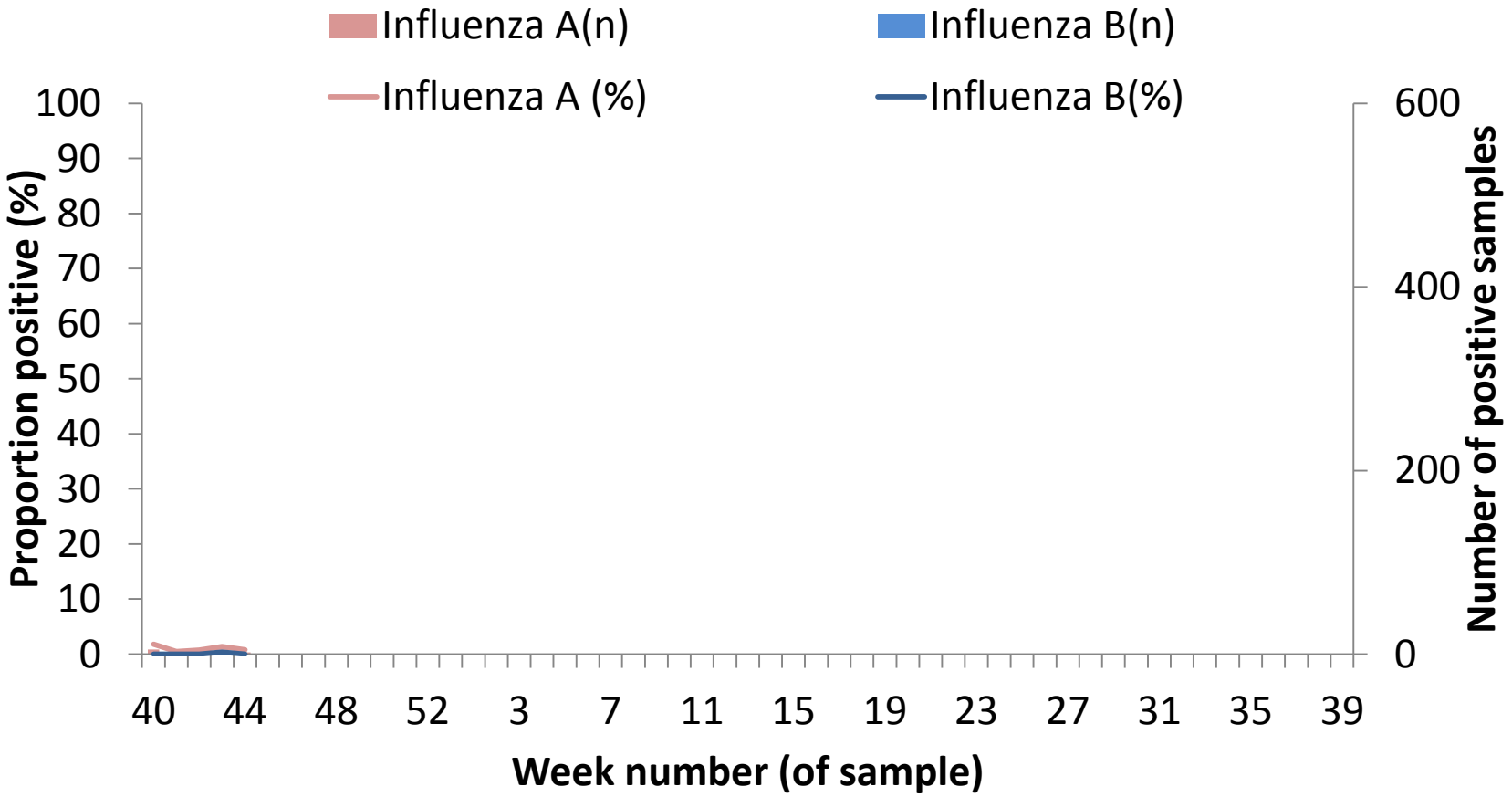
Public Health England

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



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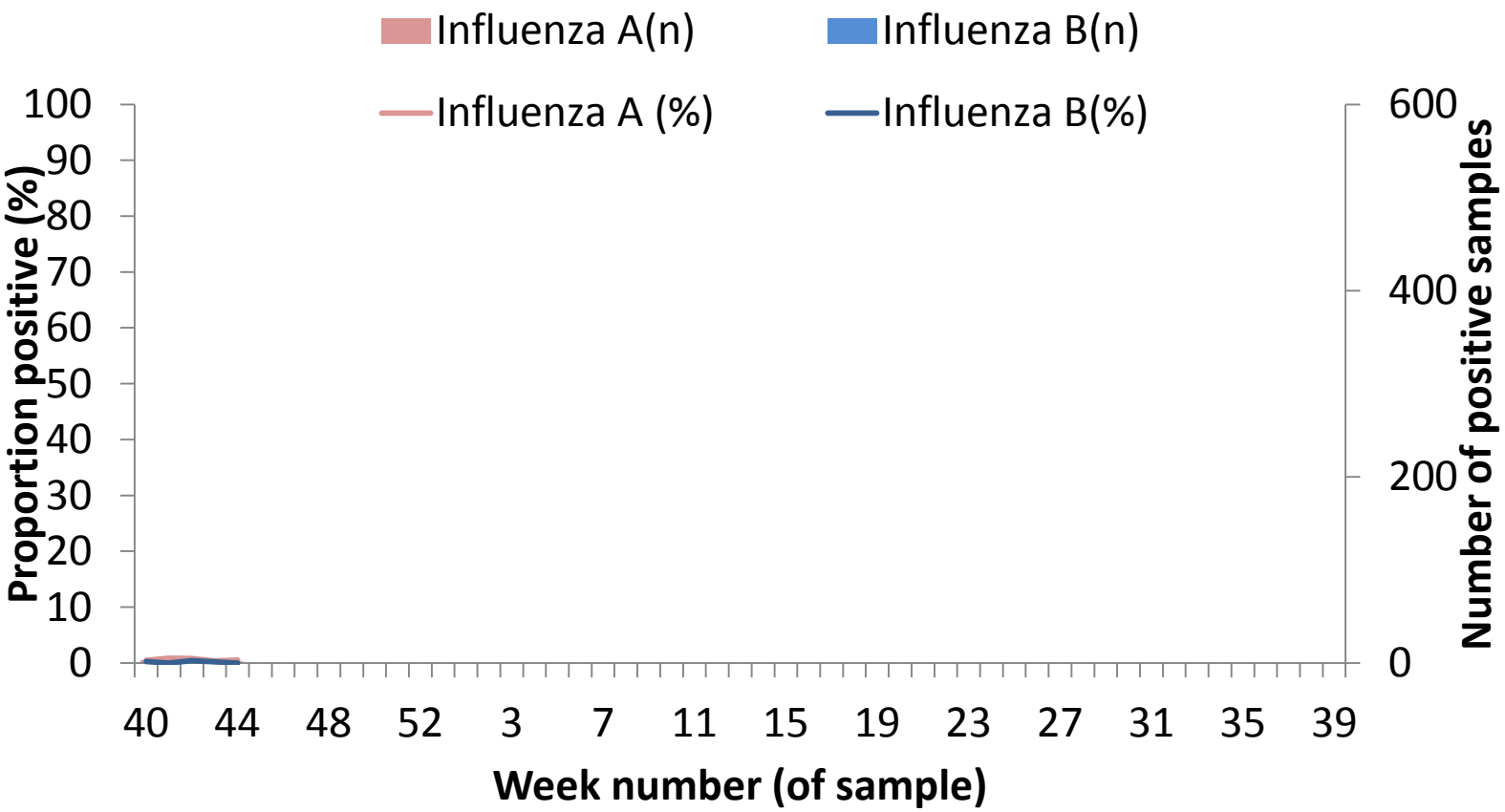
Public Health England

DataMart: Number and proportion of samples positive for influenza, PHE Midlands and East of England



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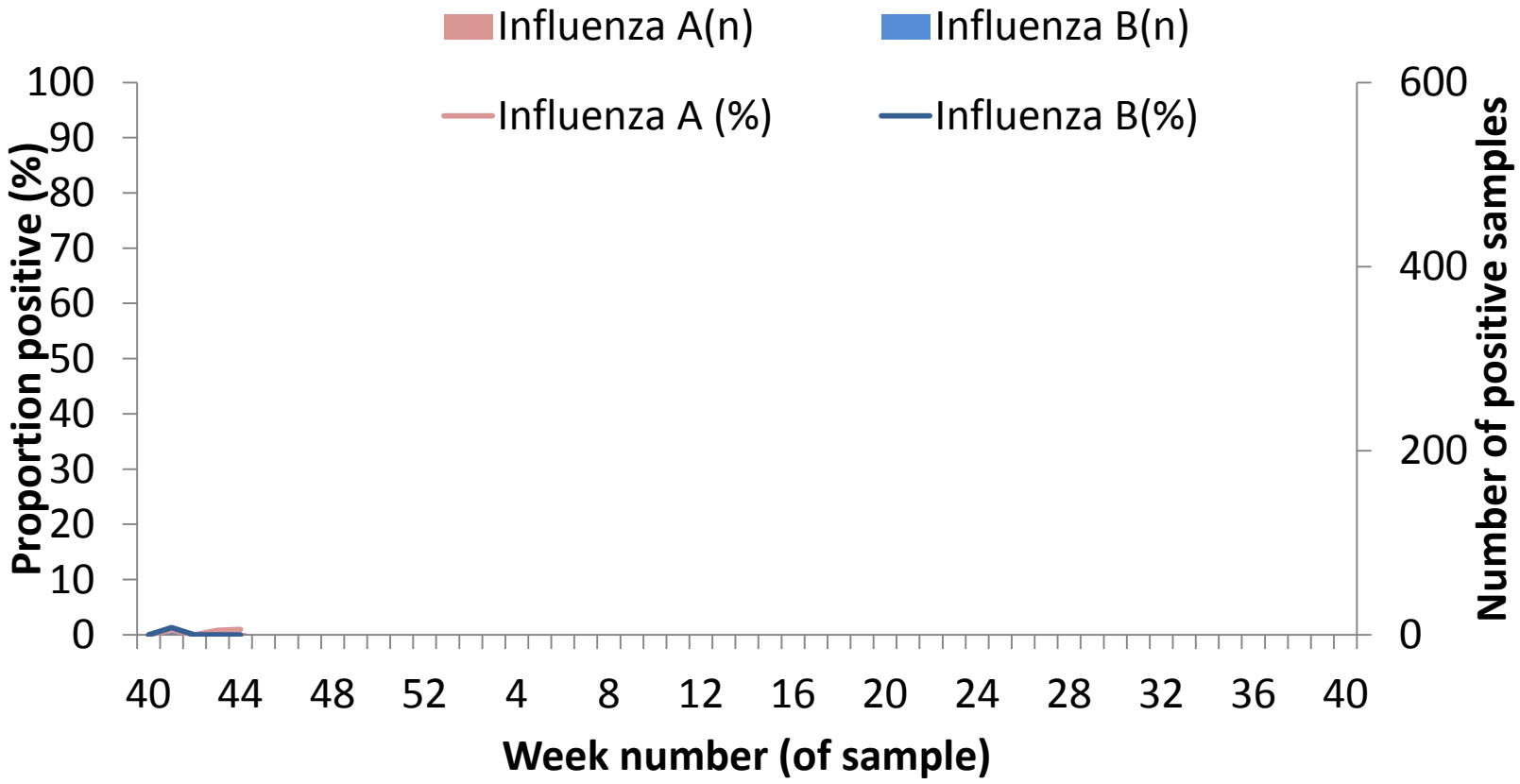
Public Health England

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



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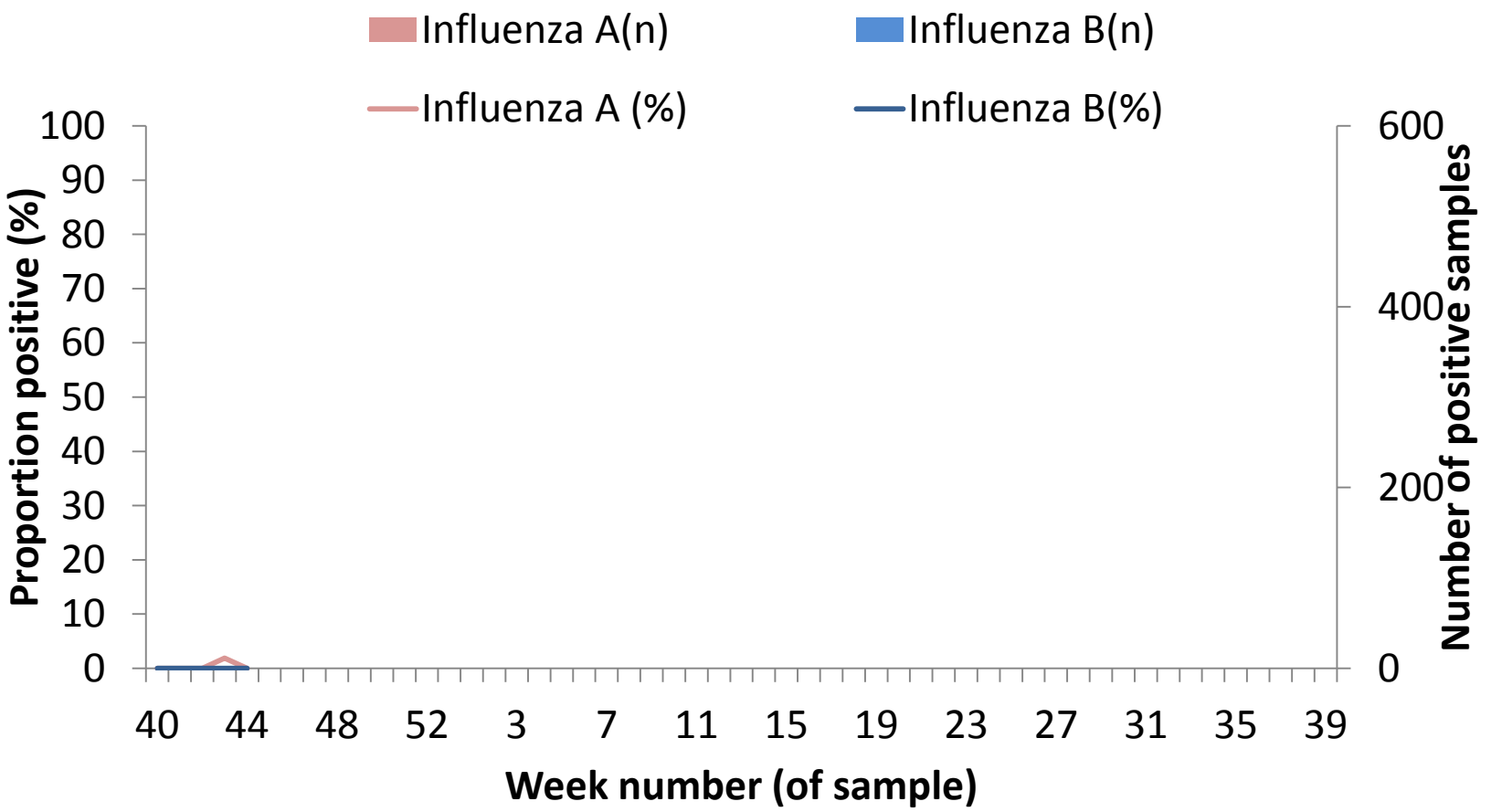
DataMart: Number and proportion of samples positive for influenza, by type, PHE South of England



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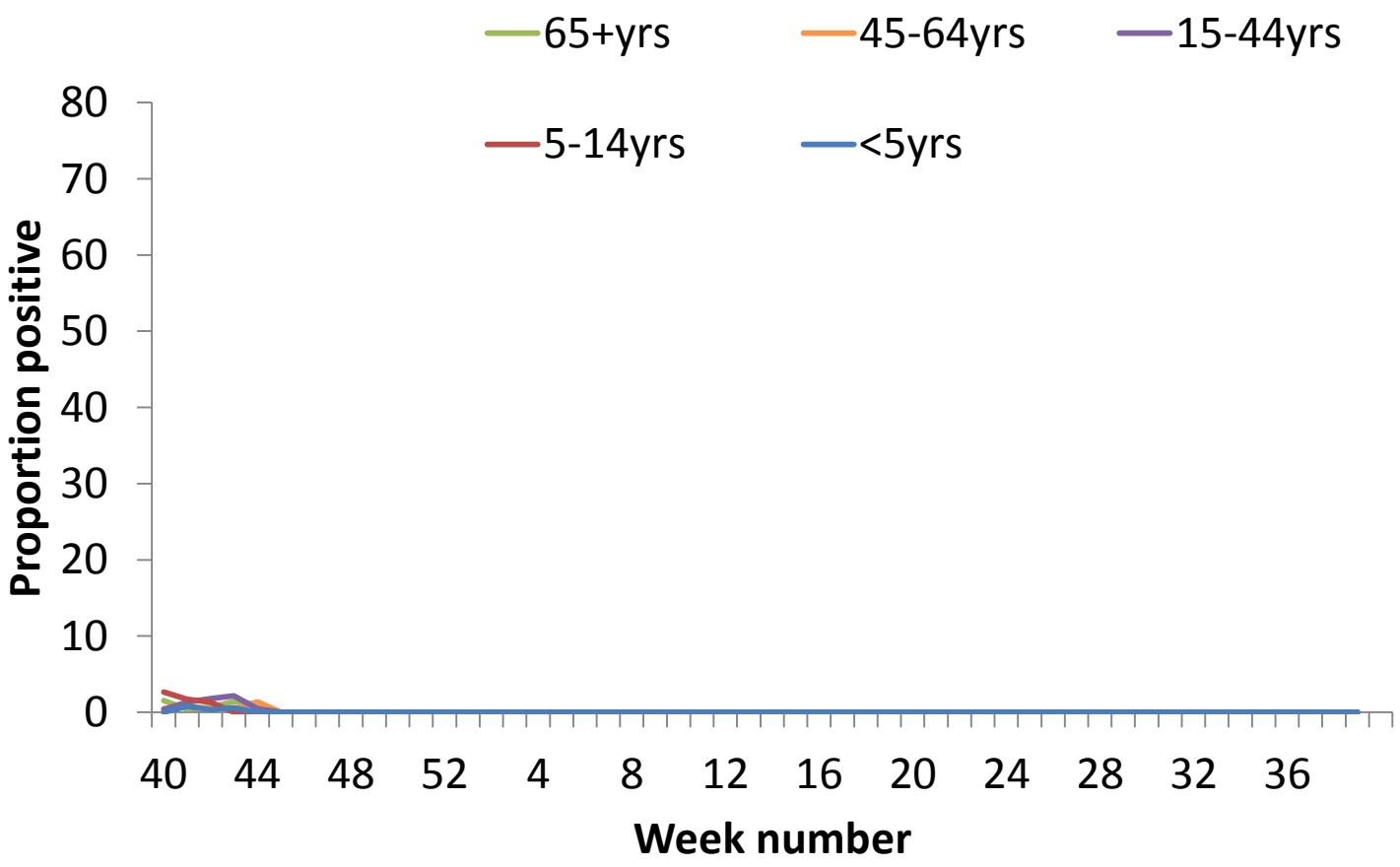
DataMart: Proportion of samples positive for influenza, by age group



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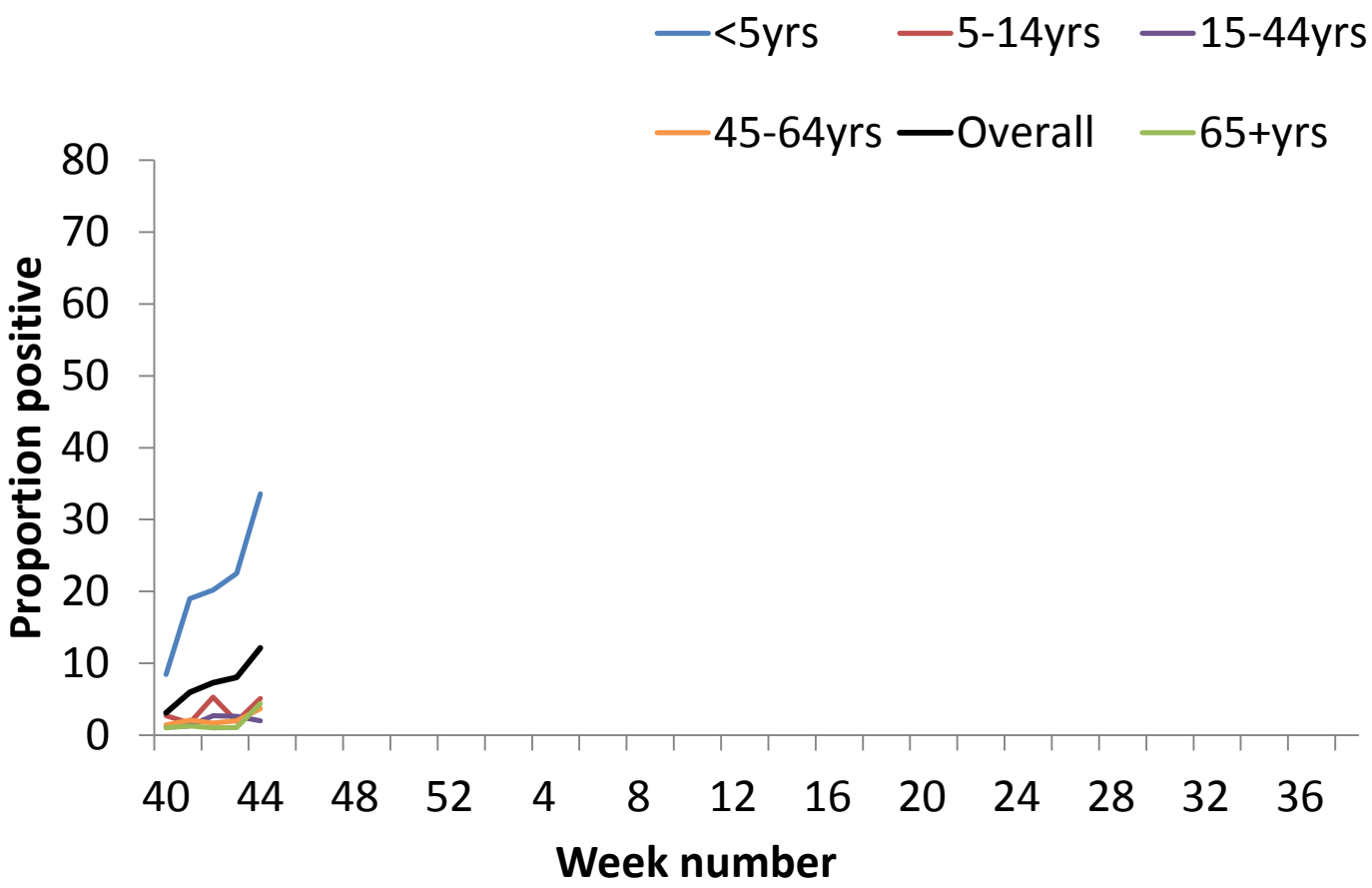
DataMart: Proportion of samples positive for RSV, by age group



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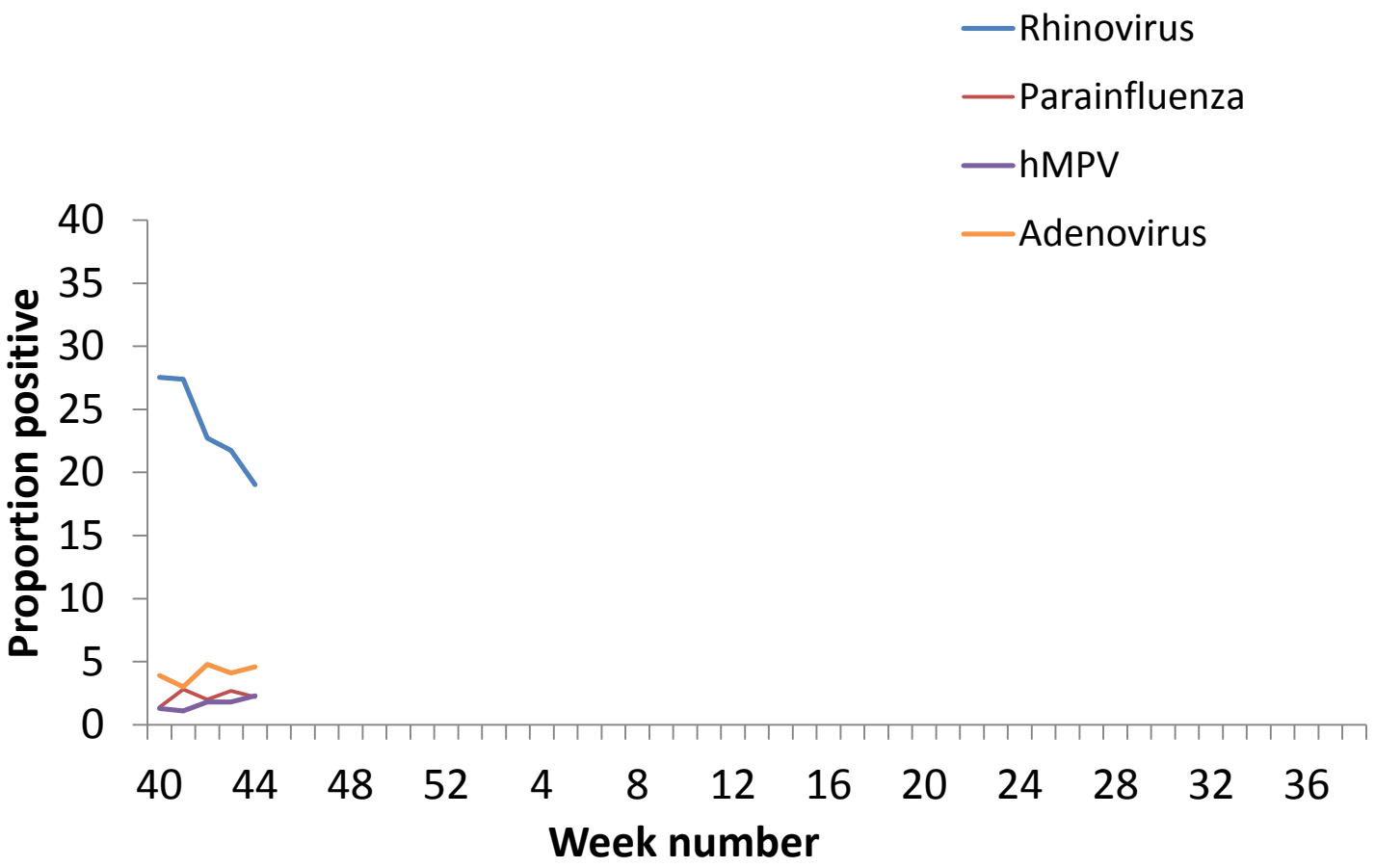
DataMart: Number and proportion of samples positive for other viruses



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Influenza vaccination

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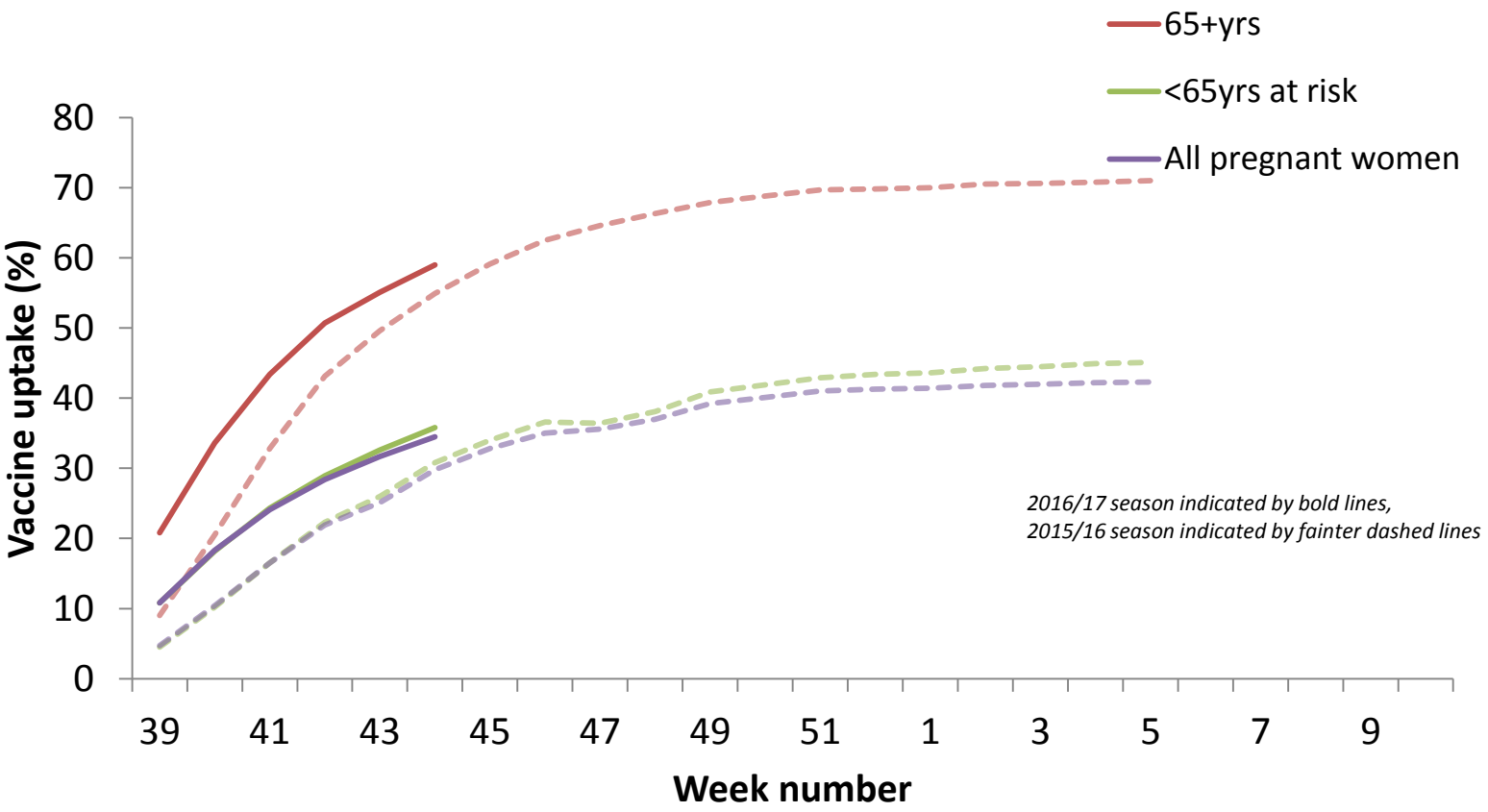
Public Health England

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



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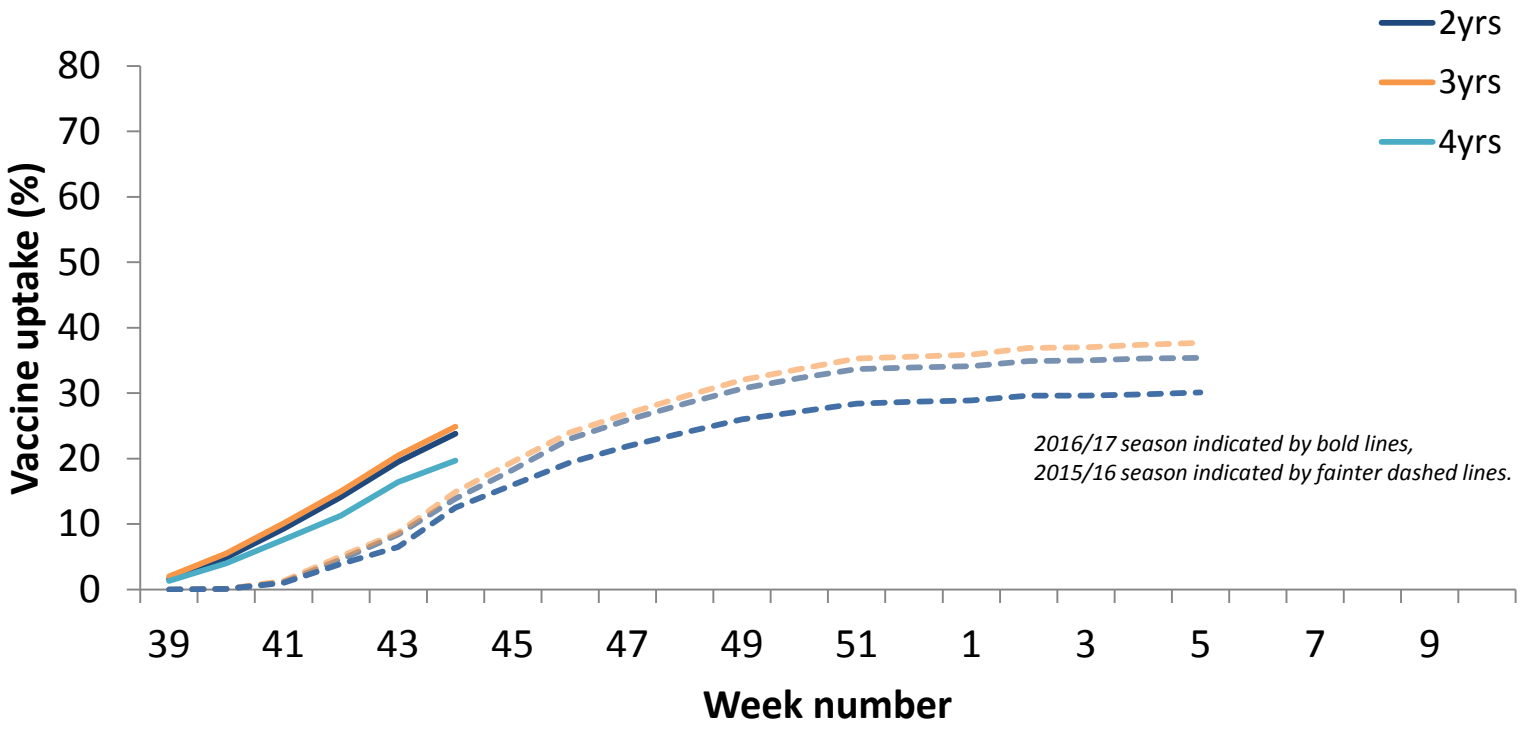
Seasonal influenza vaccine uptake in targeted groups, 2016/17, England



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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

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