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
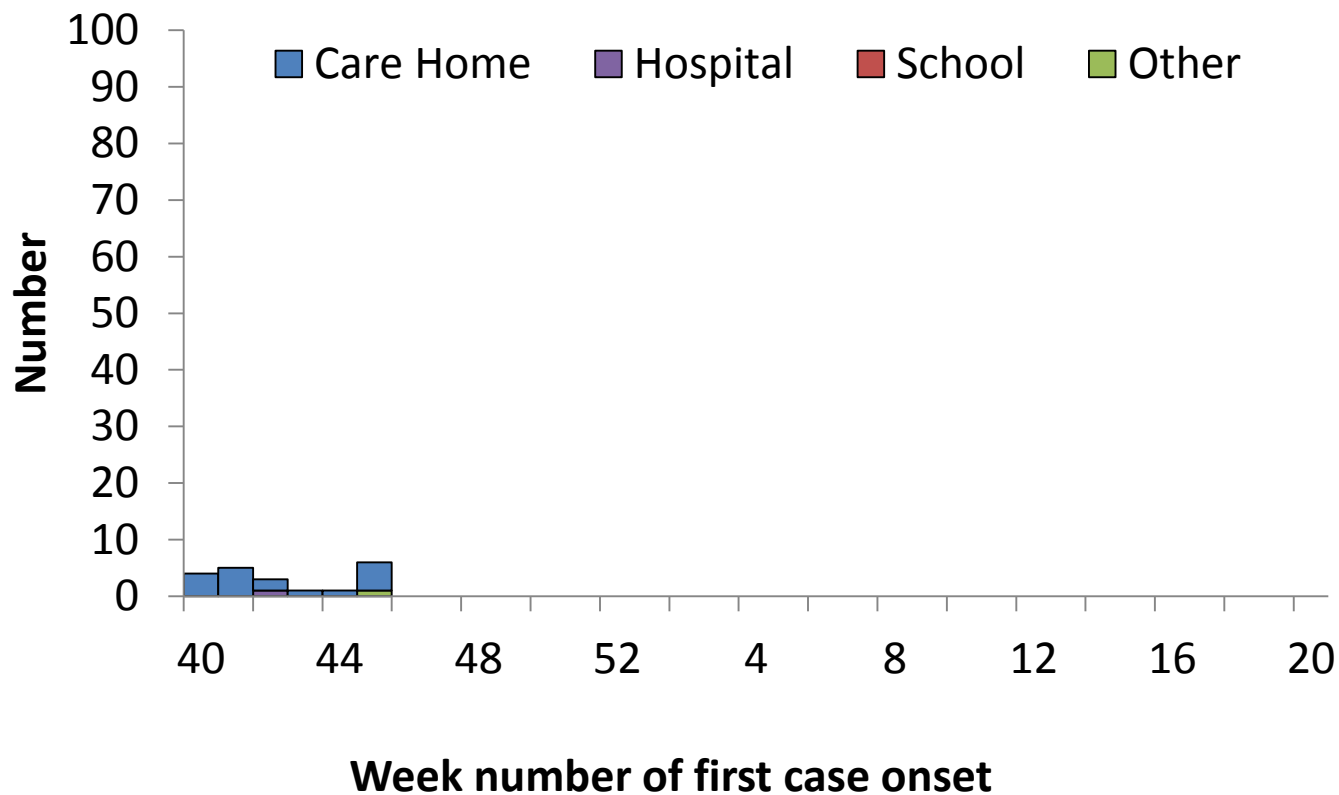
Public Health England

respcidsc@phe.gov.uk

Community influenza surveillance
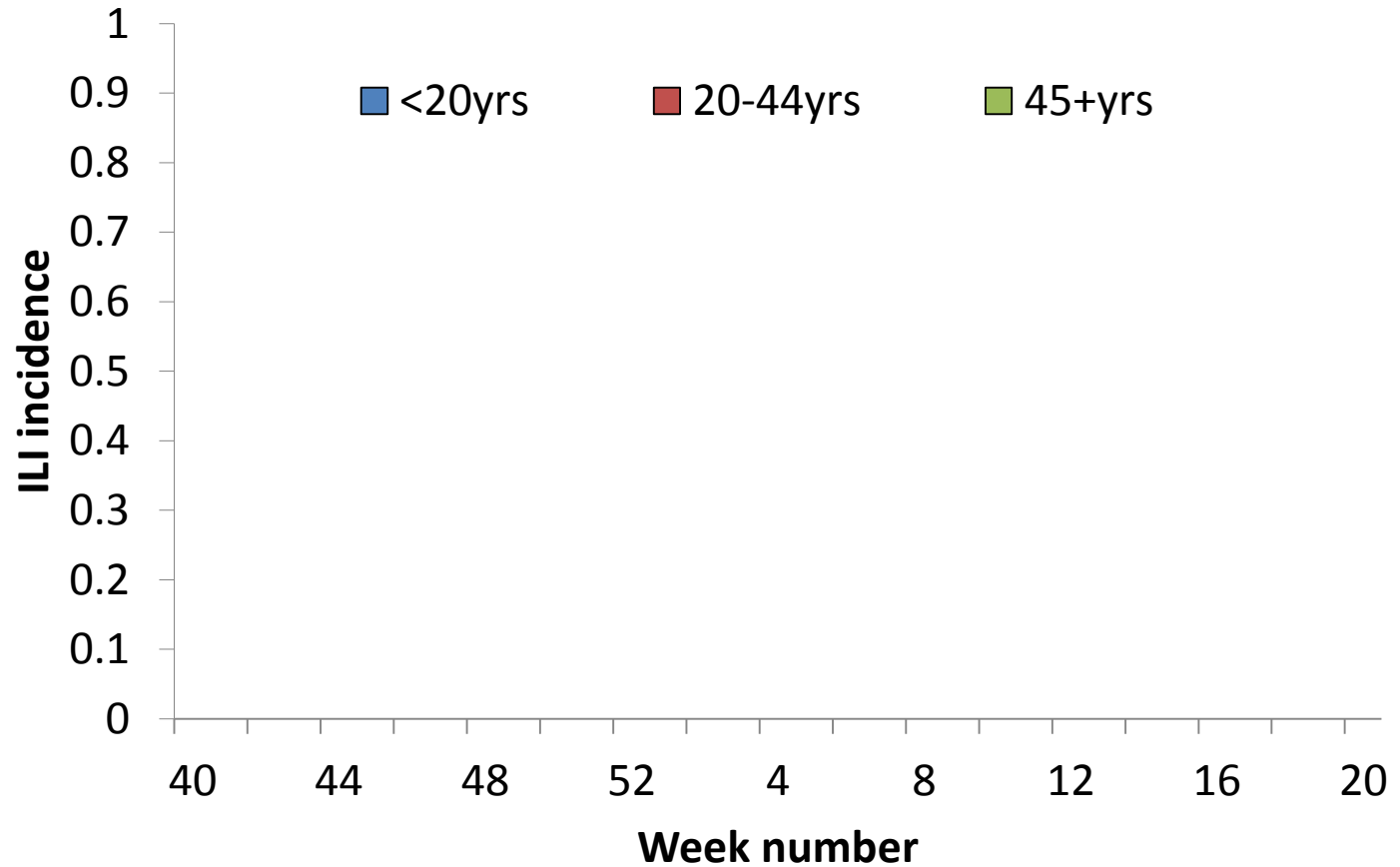
Number of acute respiratory outbreaks by institution, UK

Outbreaks (table by PHE Region)

	Outbreaks reported in Week 45	**Cumulative since Week 40**
PHE North of England	0	2
PHE Midlands and East of England	0	9
PHE London	0	0
PHE South of England	0	6

FluSurvey ILI incidence by age group, UK

ILI incidence

□ <20yrs   □ 20-44yrs   □ 45+yrs

Week number

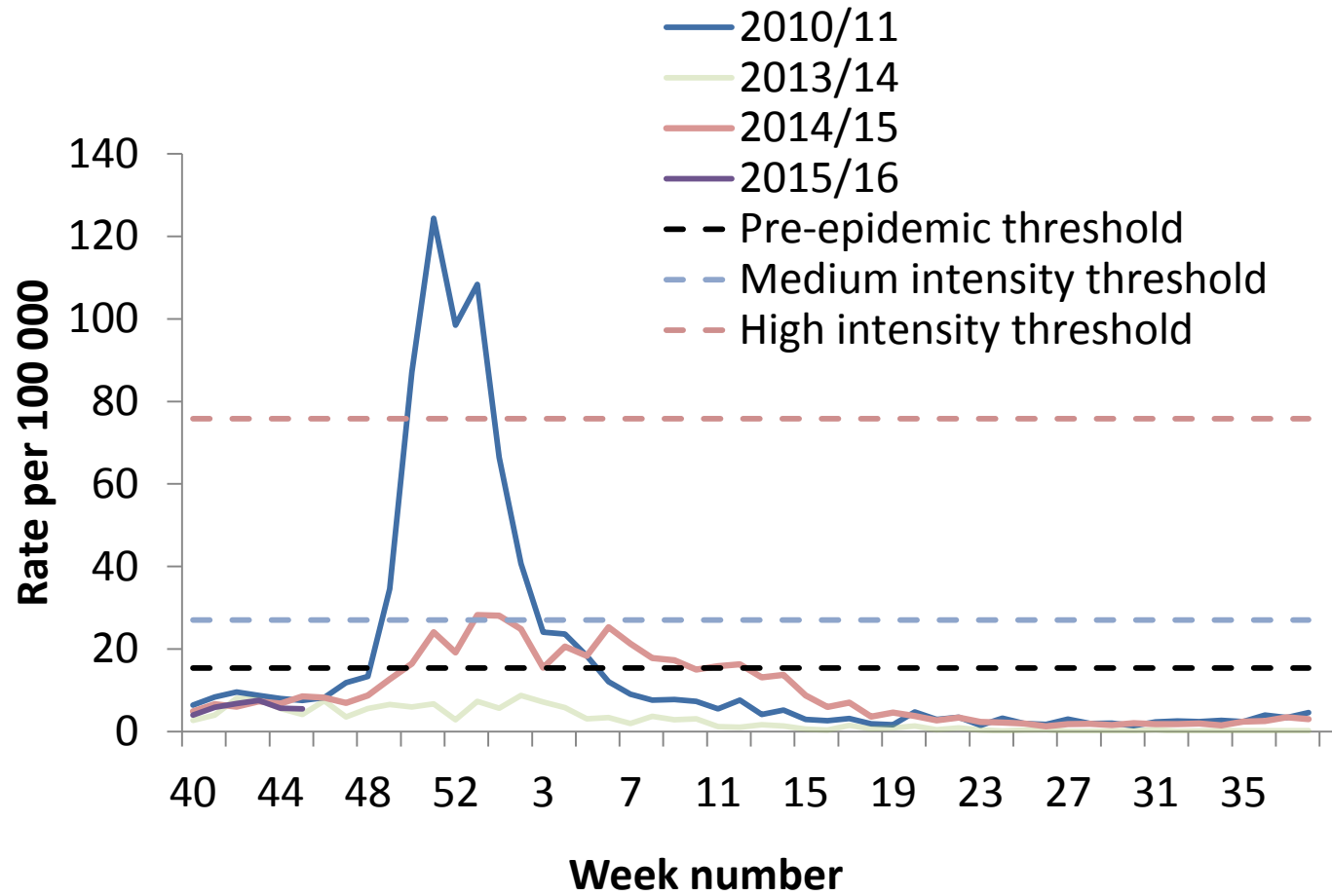# Influenza-like illness GP consultation rates
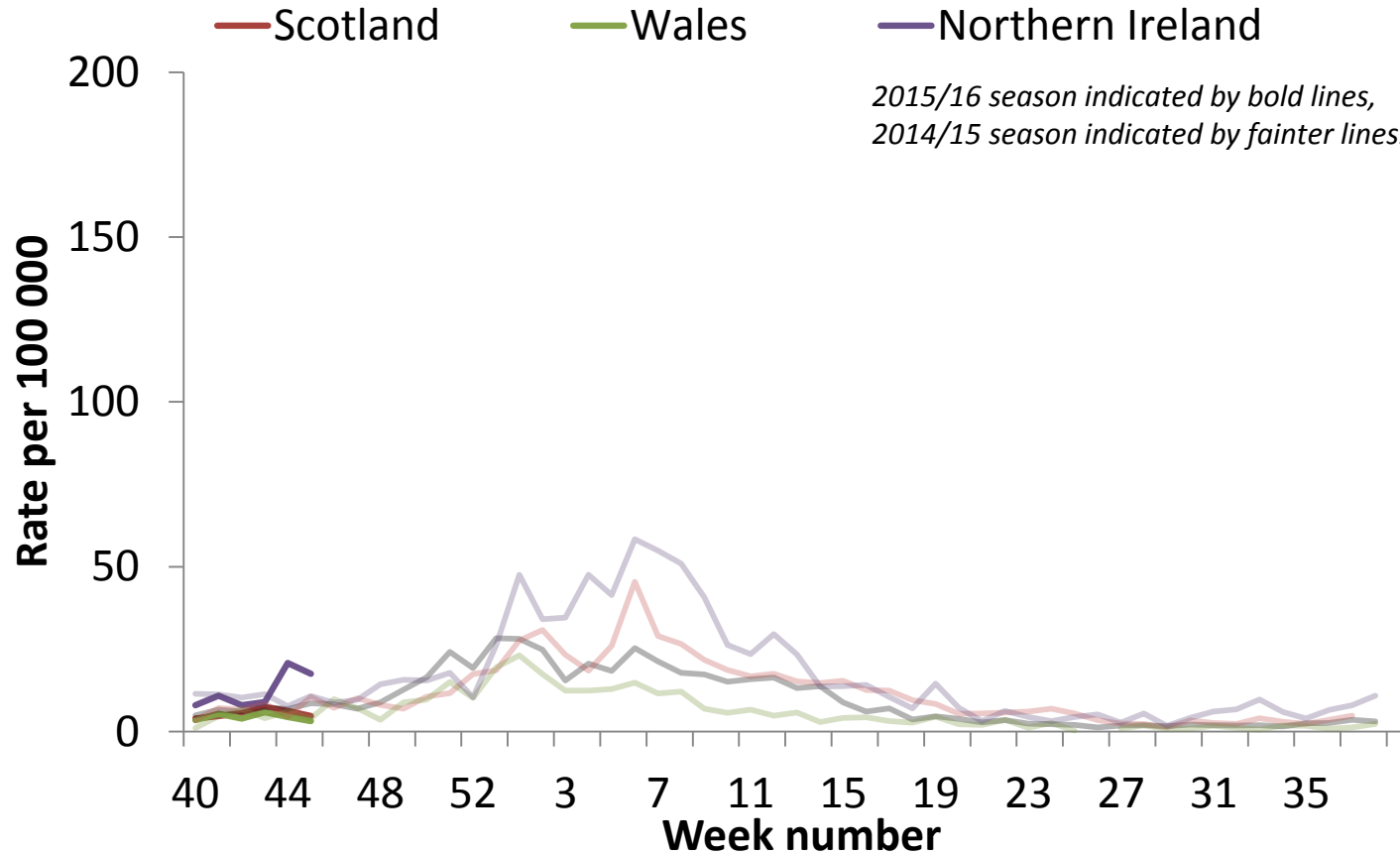
GP In Hours ILI consultation rate, England
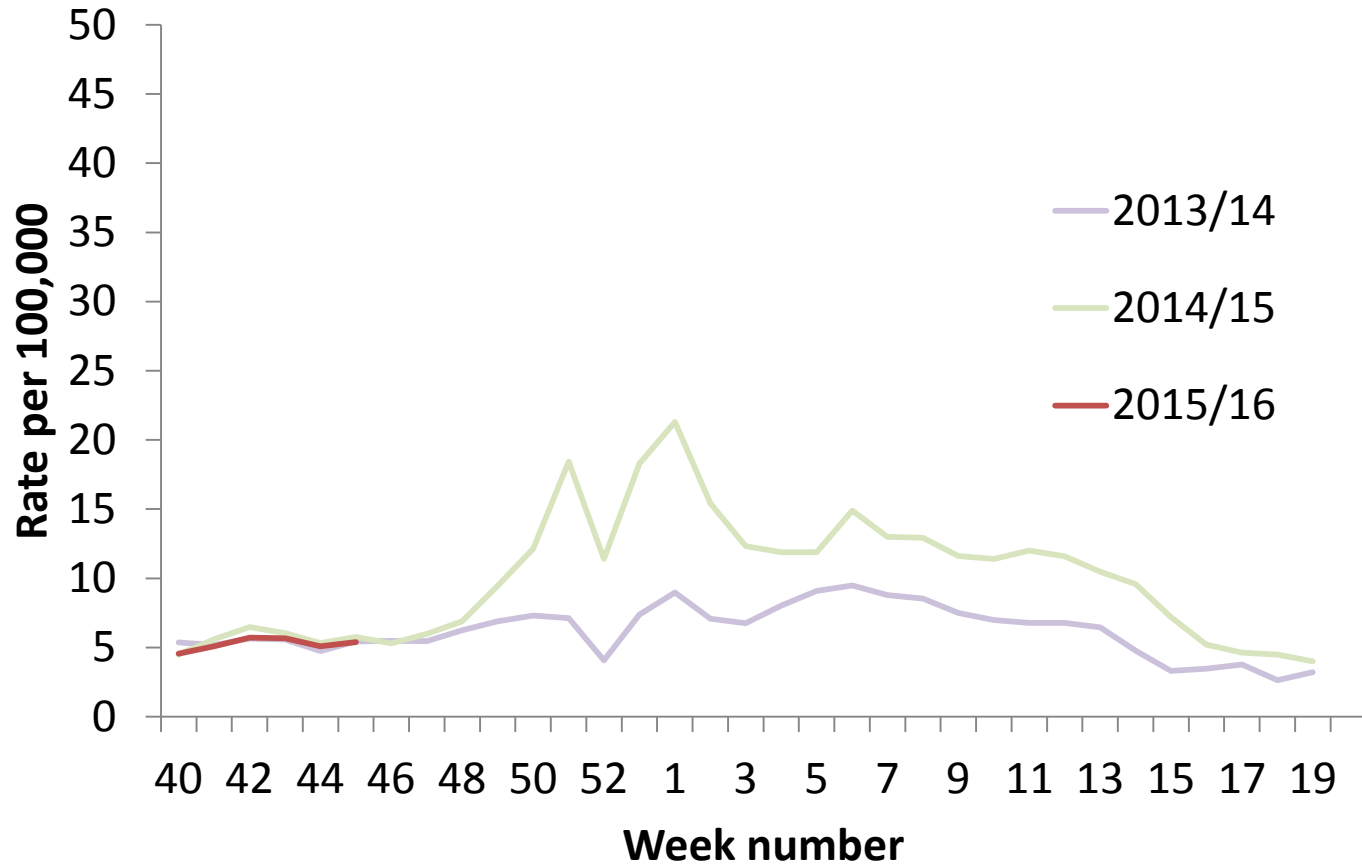
RCGP ILI consultation rate, England

ILI/influenza –Scotland, Wales and Northern Ireland
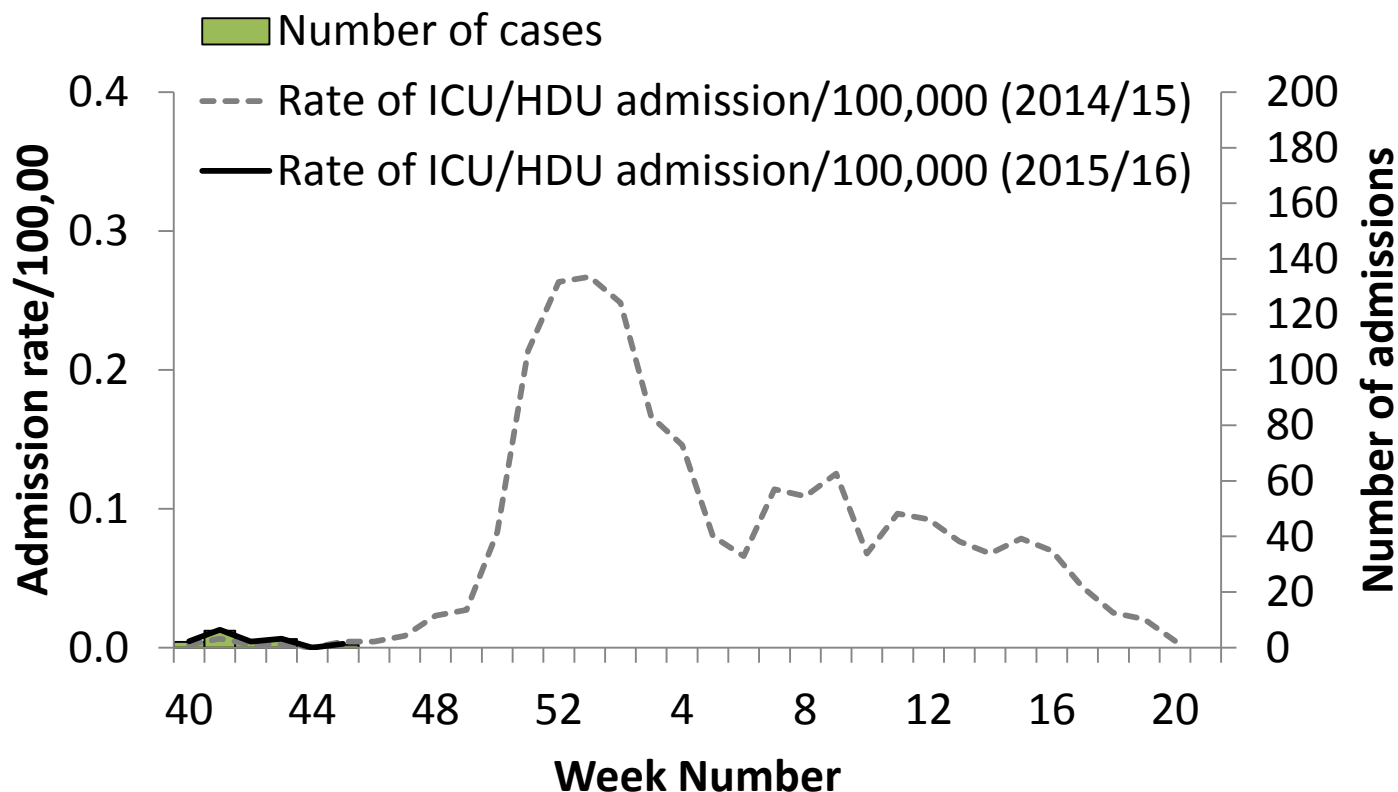

NB. Scottish rates are weekly averages of daily data.
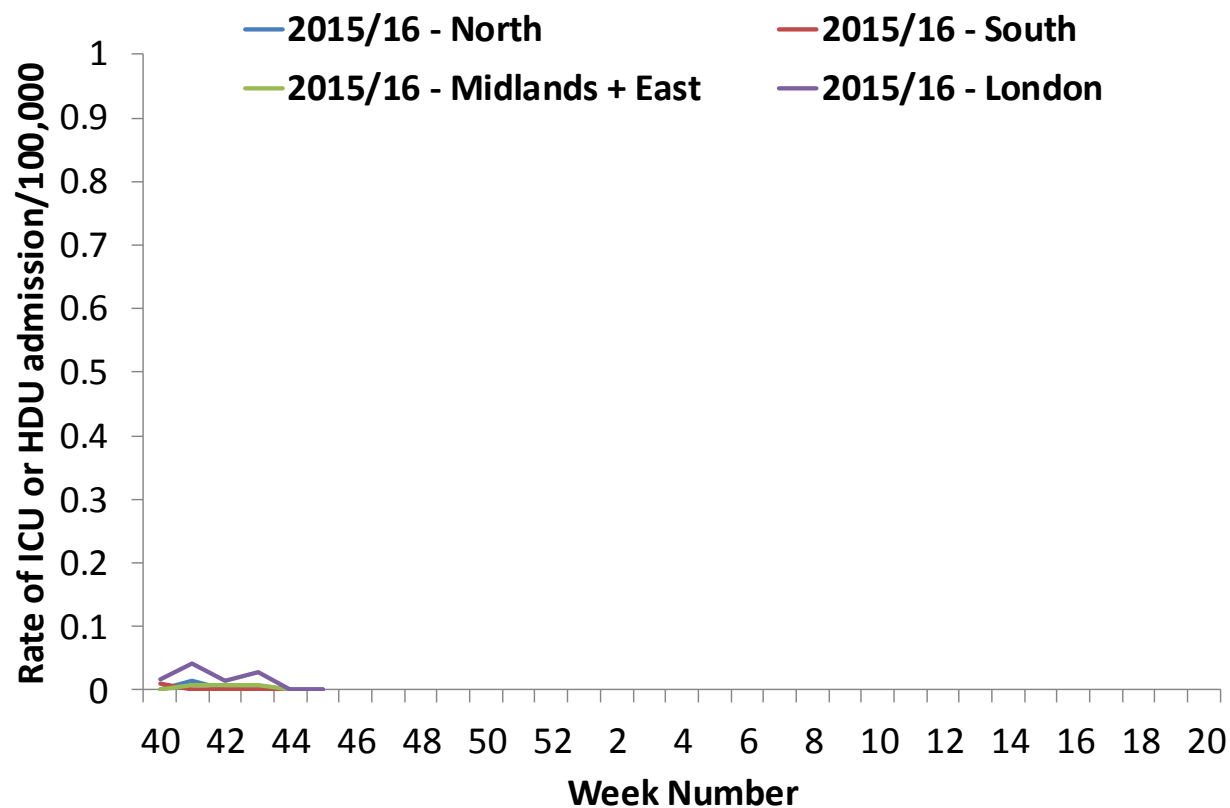
Influenza-confirmed hospitalisations

Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population , England, since week 40 2015
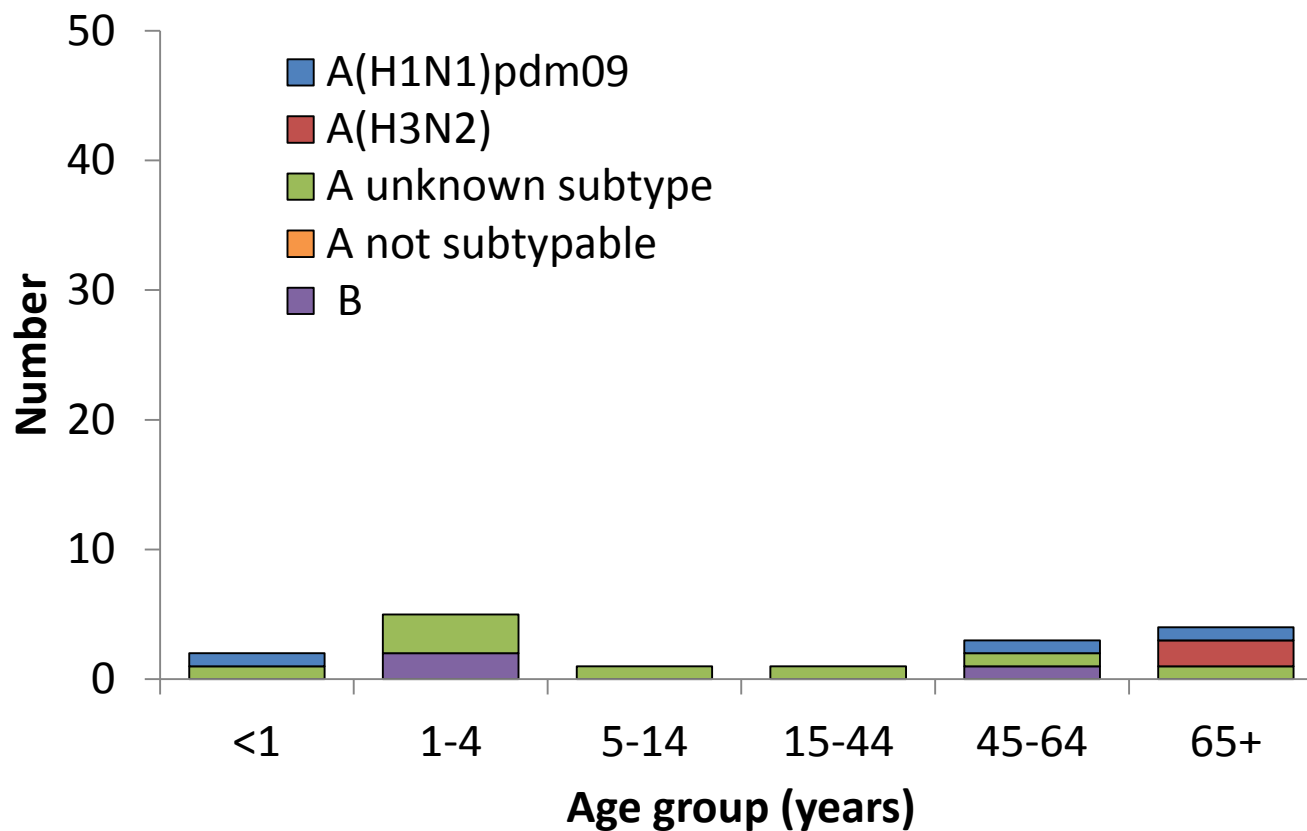
Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population by PHE region, since week 40 2015

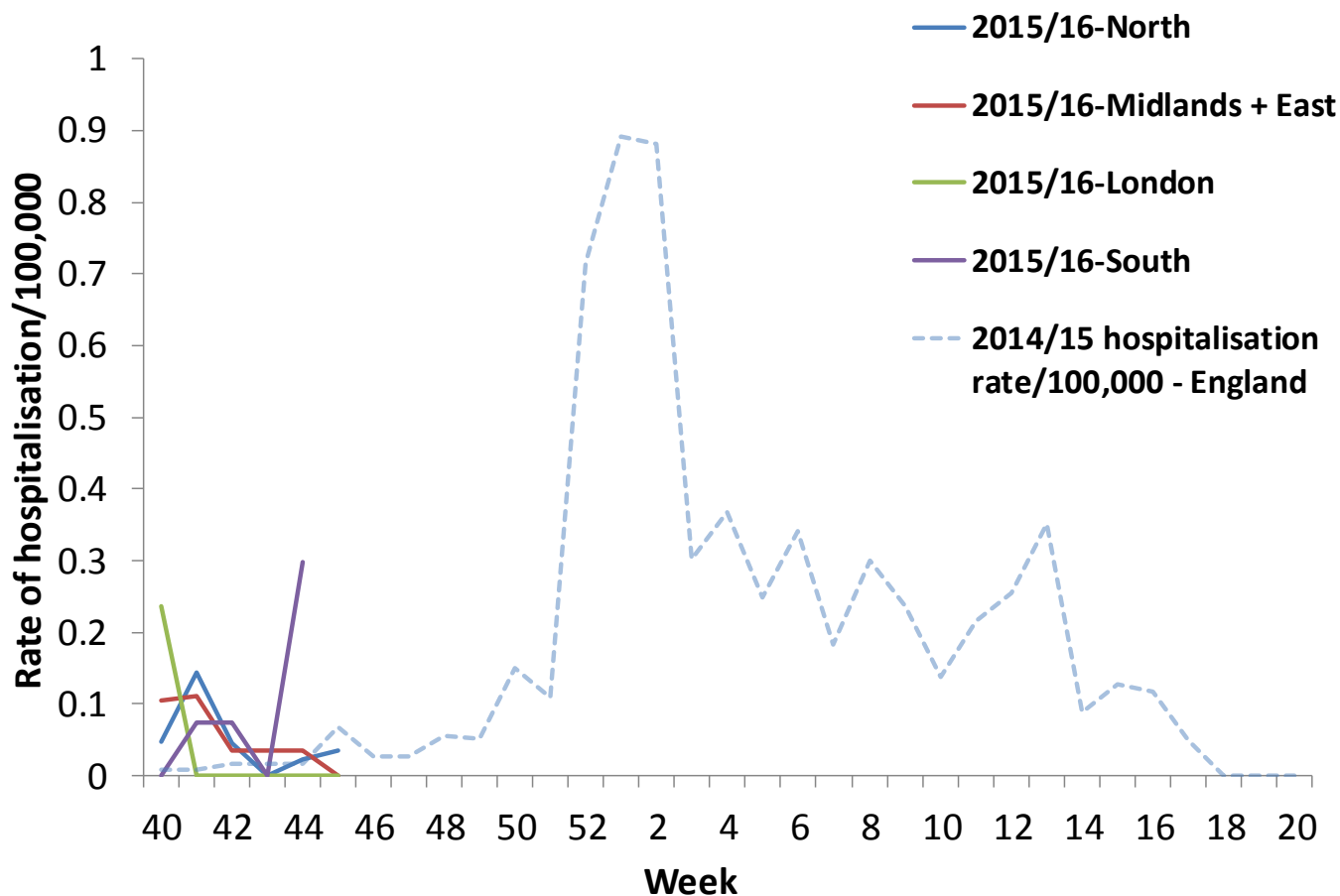# Influenza confirmed ICU admissions (USISS mandatory) by age and influenza subtype

Public Health England

Weekly hospitalised influenza case rate per 100,000 trust catchment population , England, since week 40 2015

Legend:
- Number of cases
- Rate of hospital admission/100,000 (2014/15)
- Rate of hospital admission/100,000 (2015/16)

Y-axis (left): Admission rate/100,00
Y-axis (right): Number of admissions
X-axis: Week Number

Weekly hospitalised influenza case rate per 100,000 trust catchment population by PHE Region, since week 40 2015
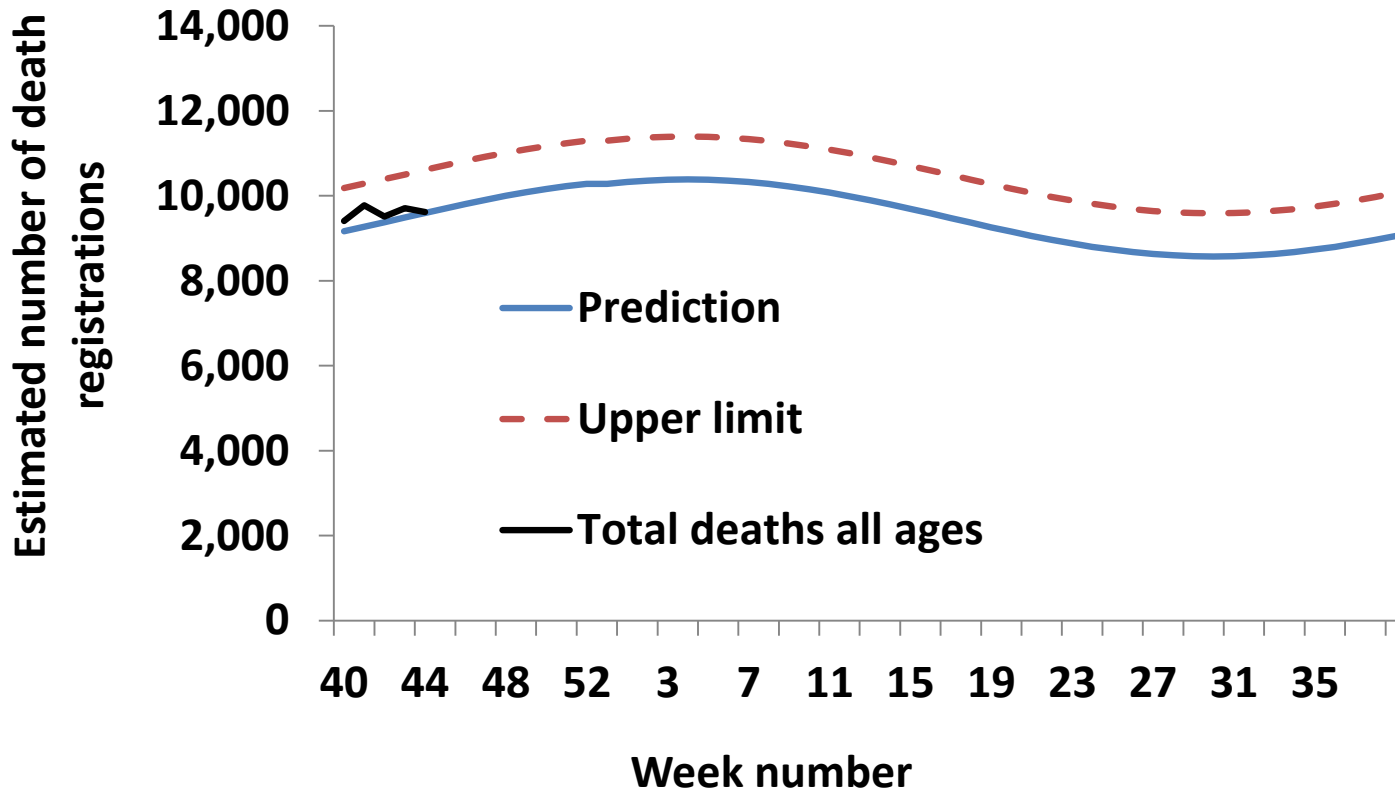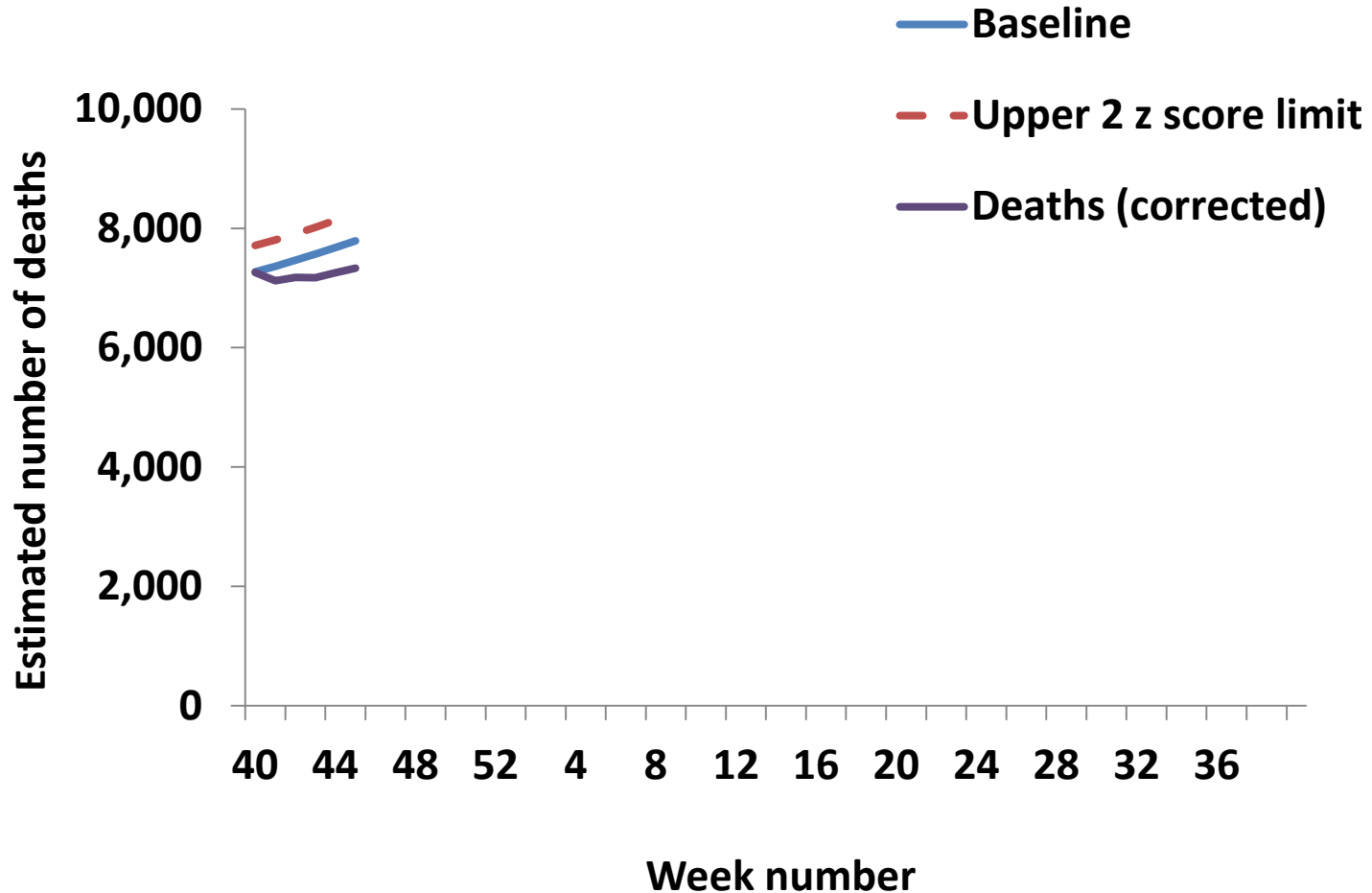

Public Health England
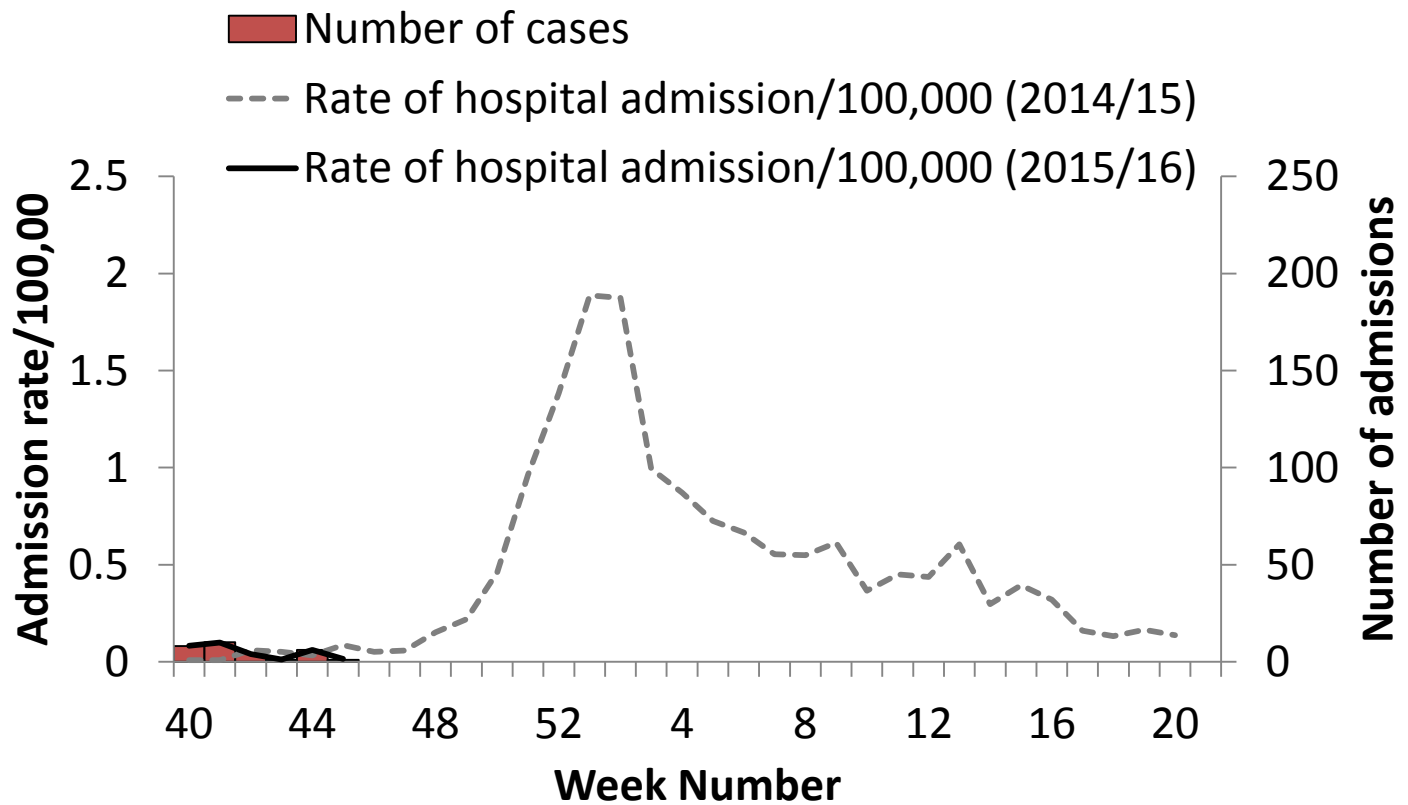
All-cause mortality

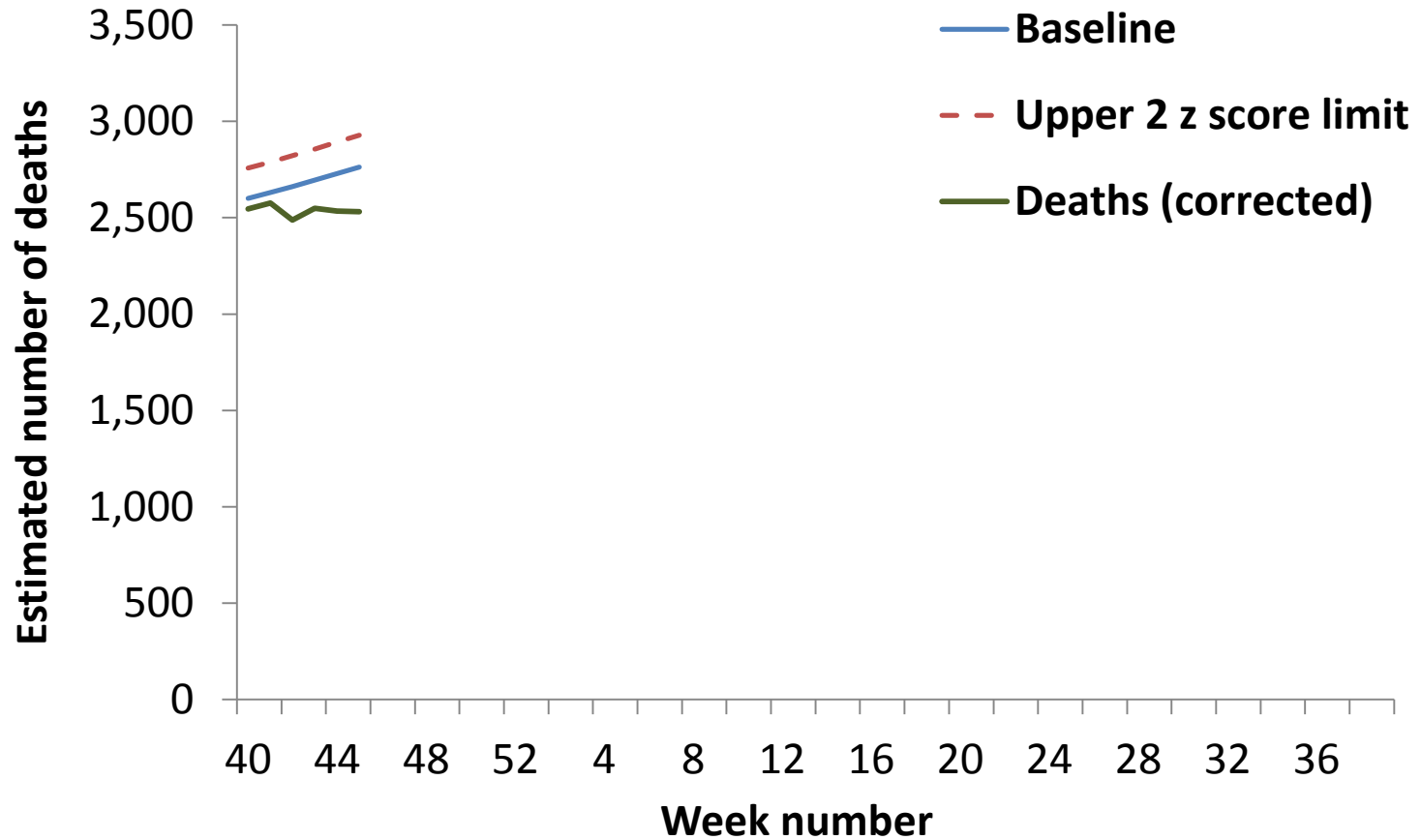# Excess mortality (all causes) by week of registration, all ages, England and Wales

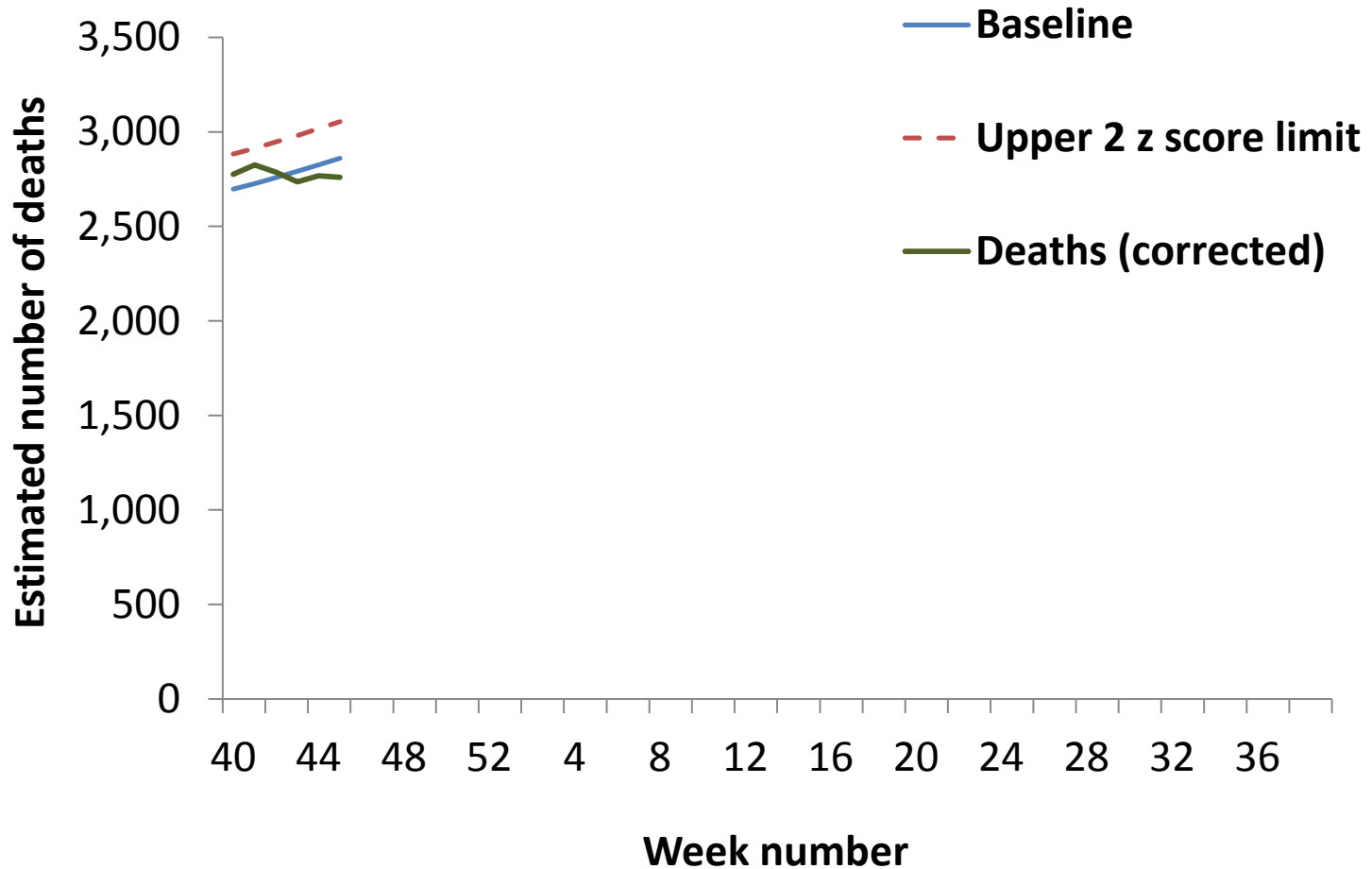Excess mortality (all causes) by week of death through the EuroMOMO algorithm in 65+year olds, England

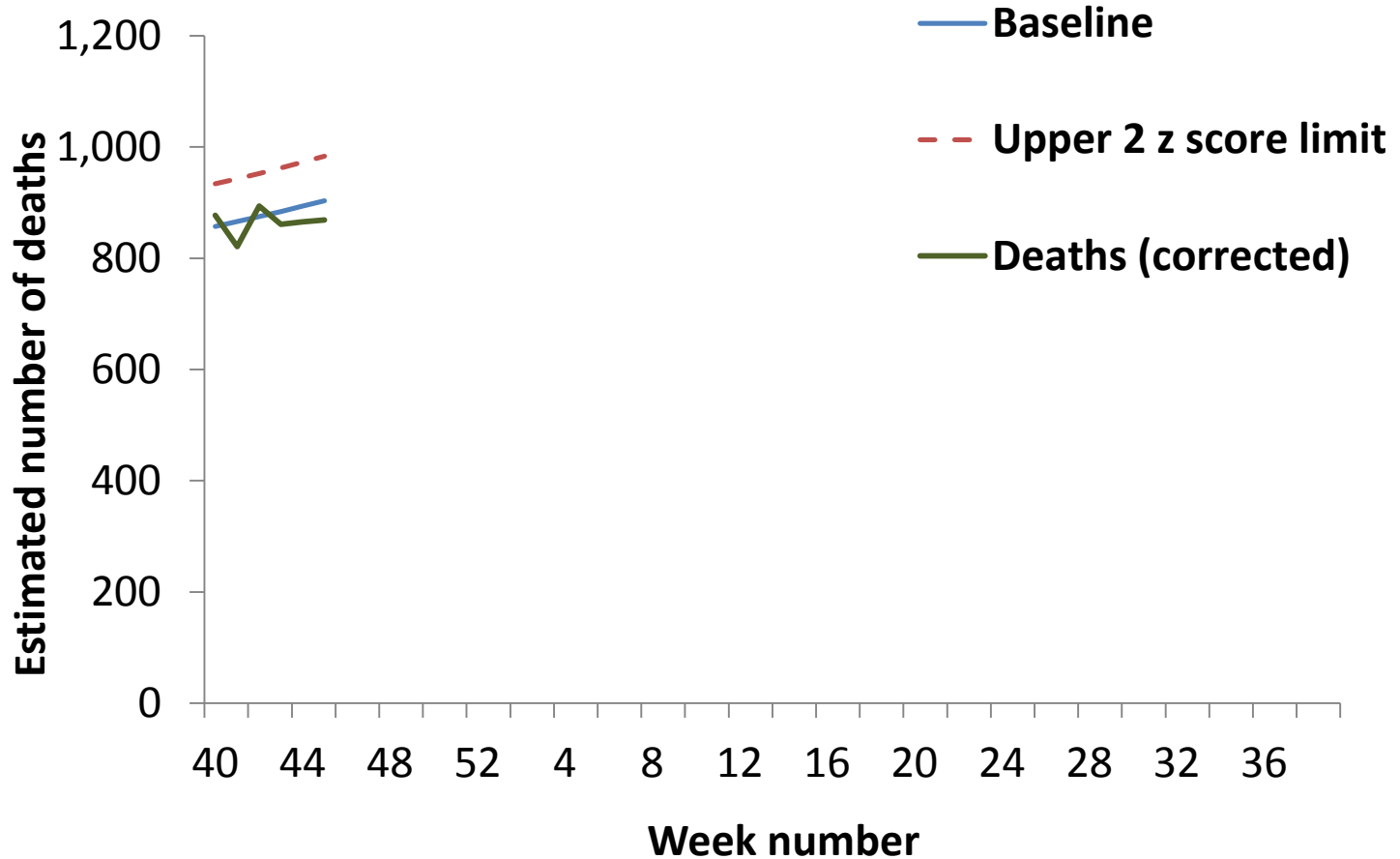Excess mortality (all causes) by week of death through the EuroMOMO algorithm in 65+year olds, PHE North of England

Excess mortality (all causes) by week of death through the EuroMOMO algorithm in 65+year olds, PHE Midlands and East of England
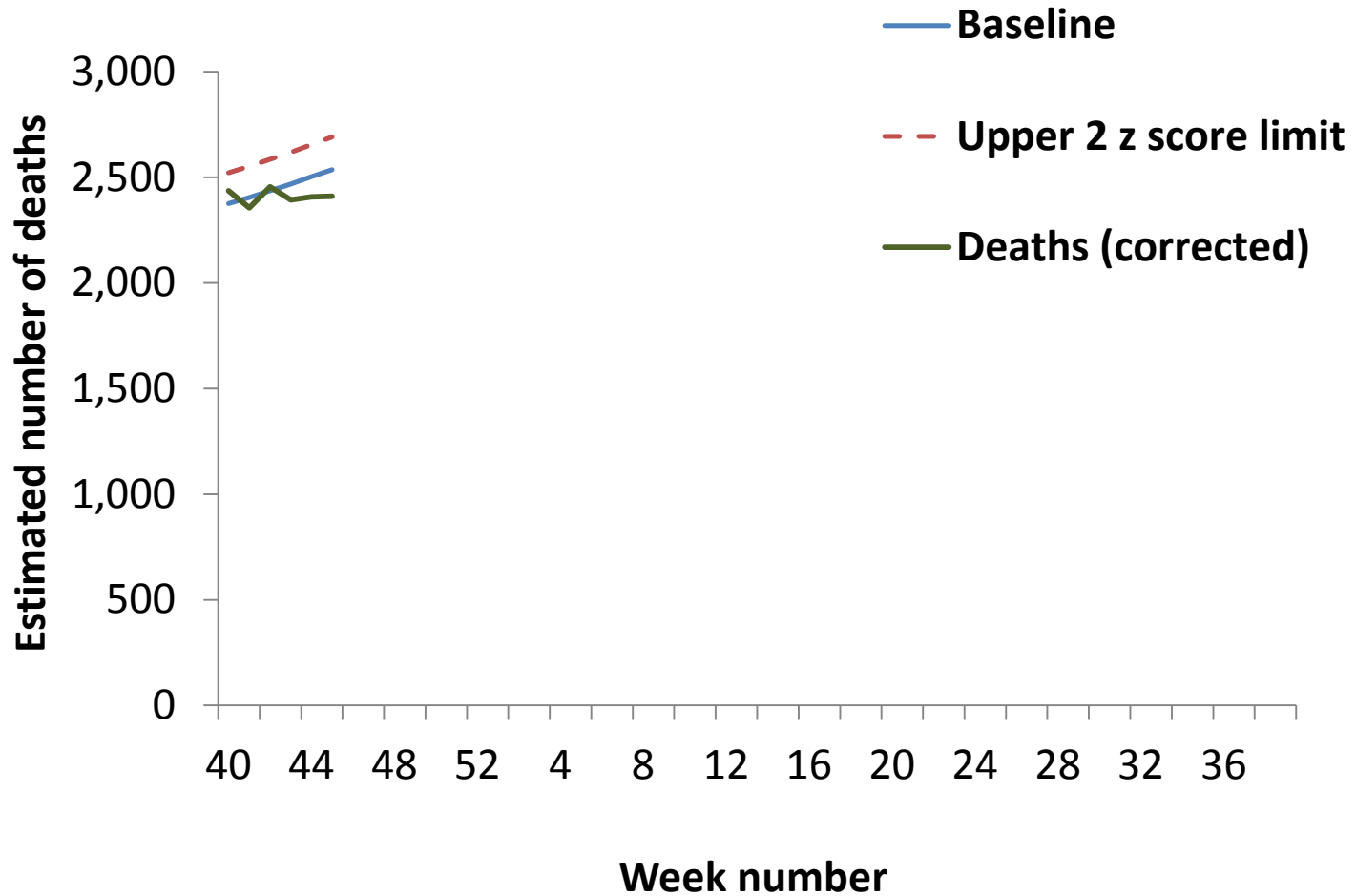
Excess mortality (all causes) by week of death through the EuroMOMO algorithm in 65+year olds, PHE London

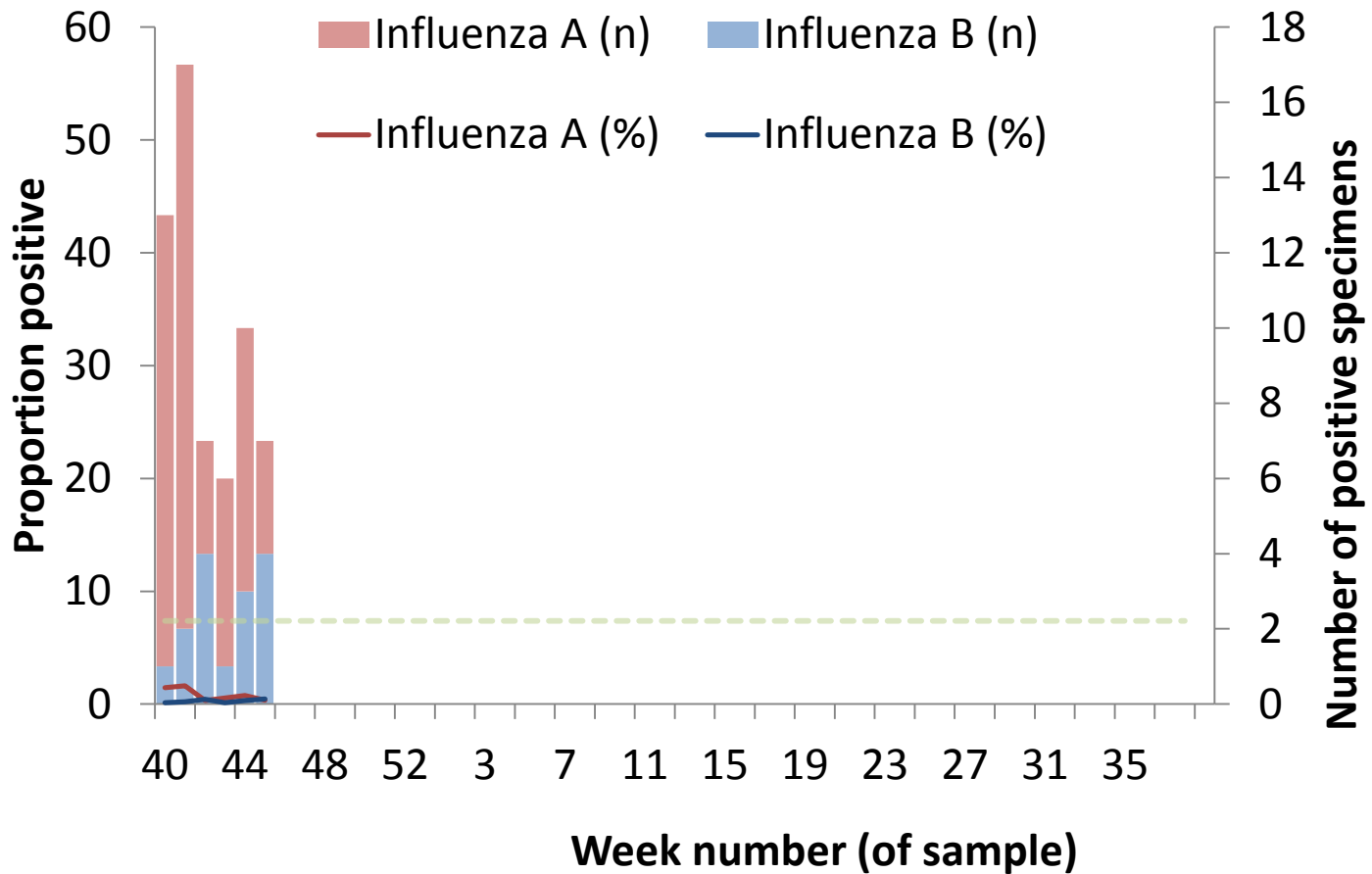Excess mortality (all causes) by week of death through the EuroMOMO algorithm in 65+year olds, PHE South of England
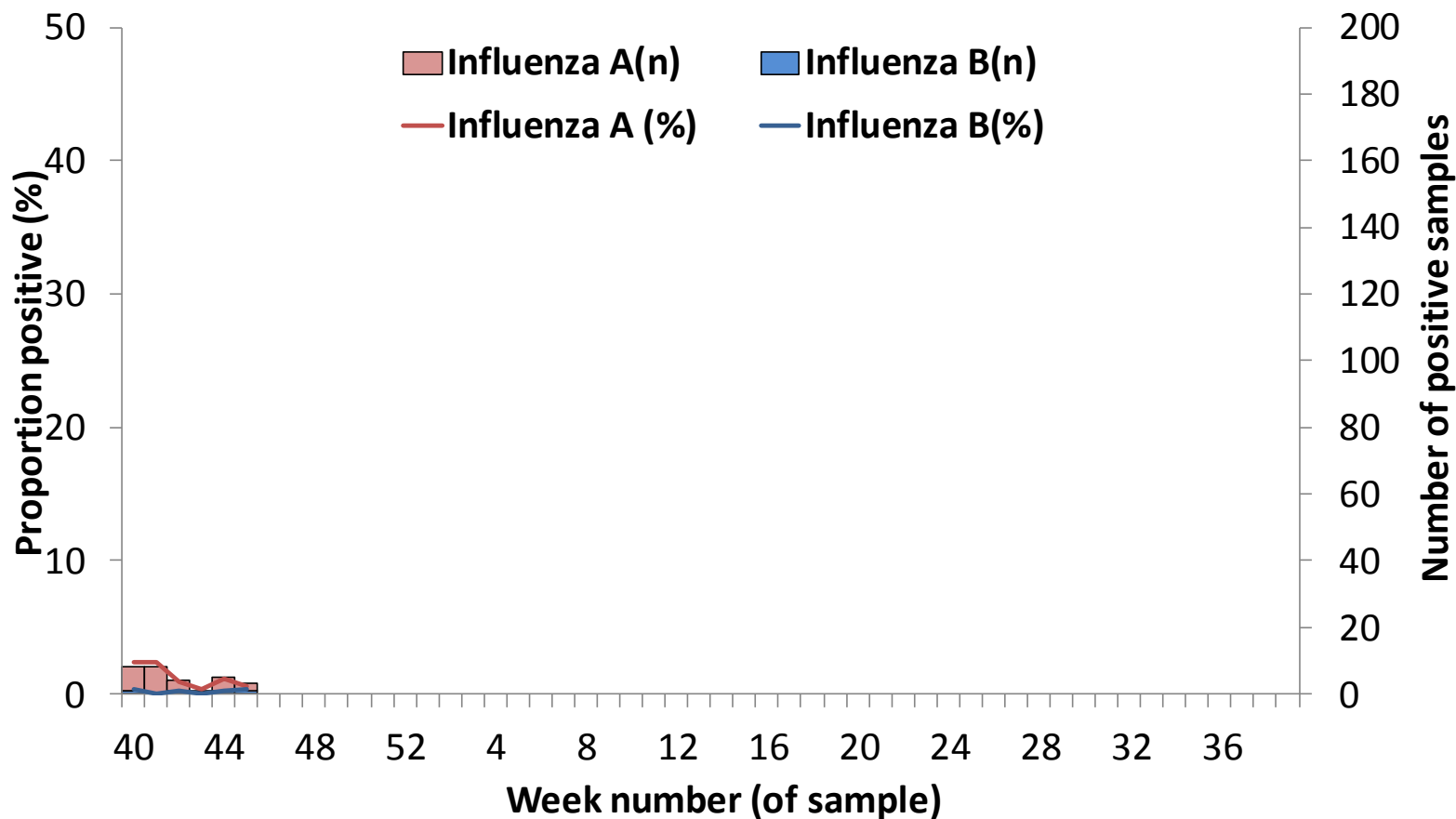
Microbiological surveillance

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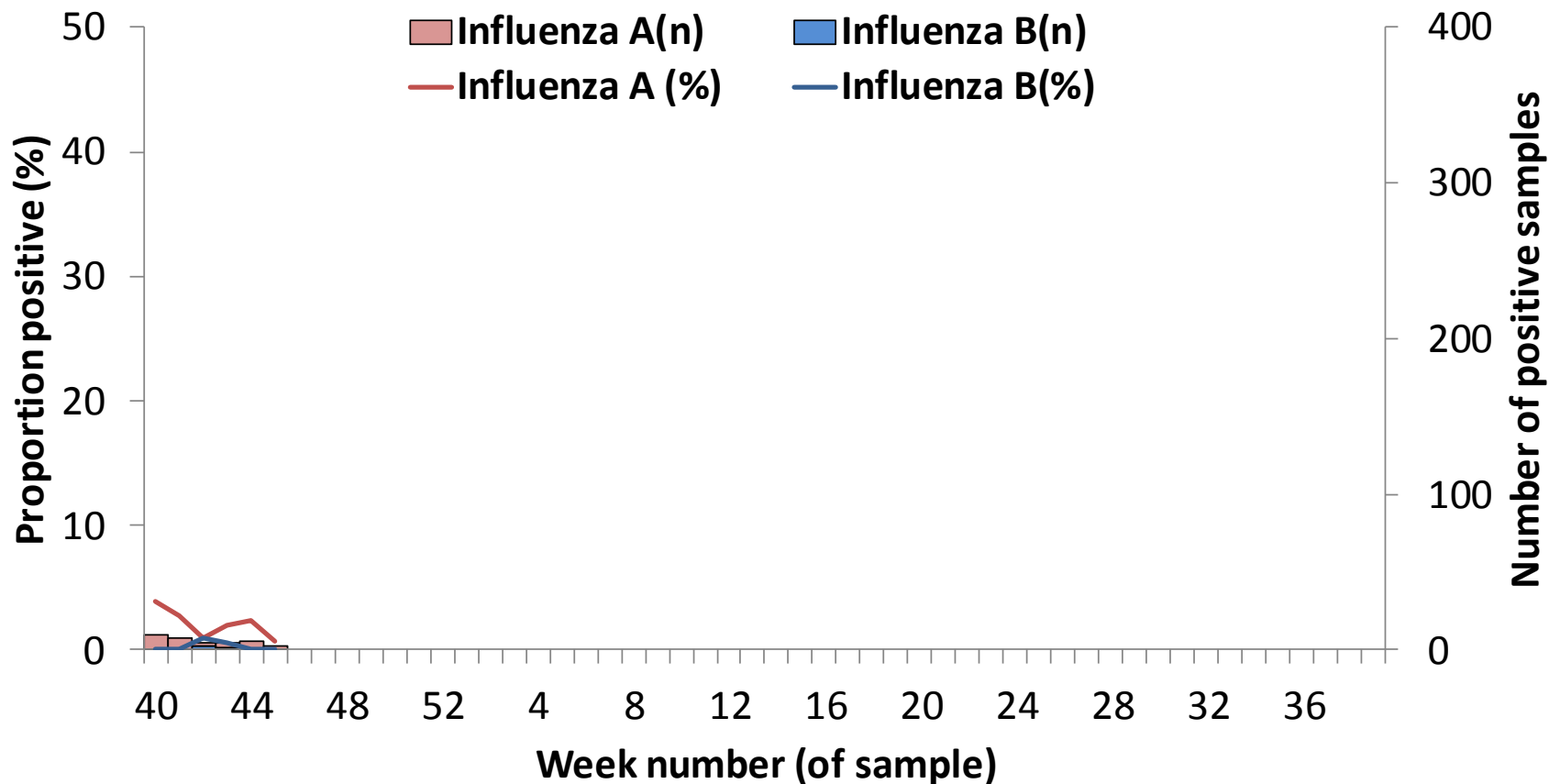
Public Health England

DataMart: Number and proportion of samples positive for influenza, by type, PHE North of England
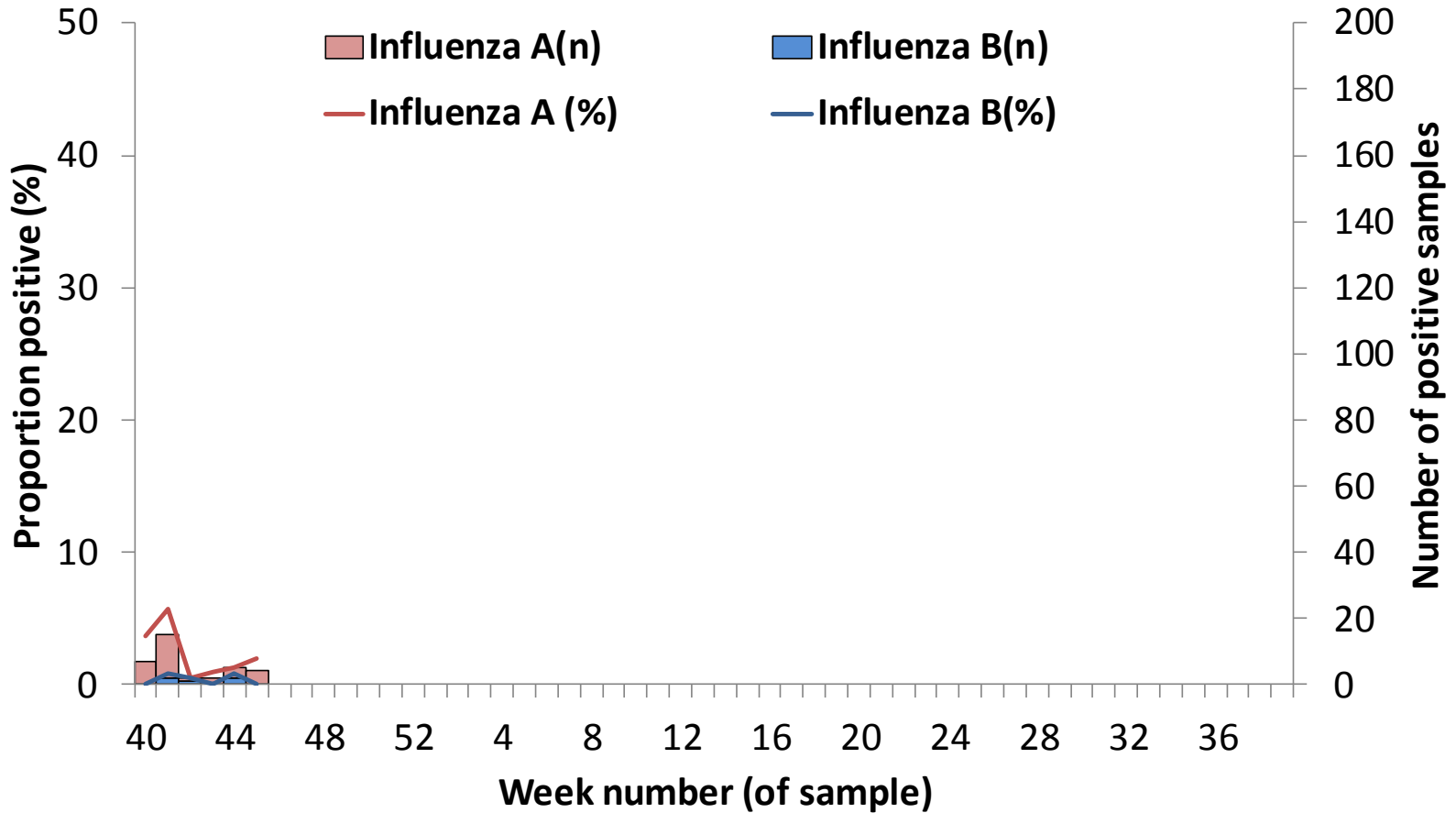
DataMart: Number and proportion of samples positive for influenza, PHE Midlands and East of England
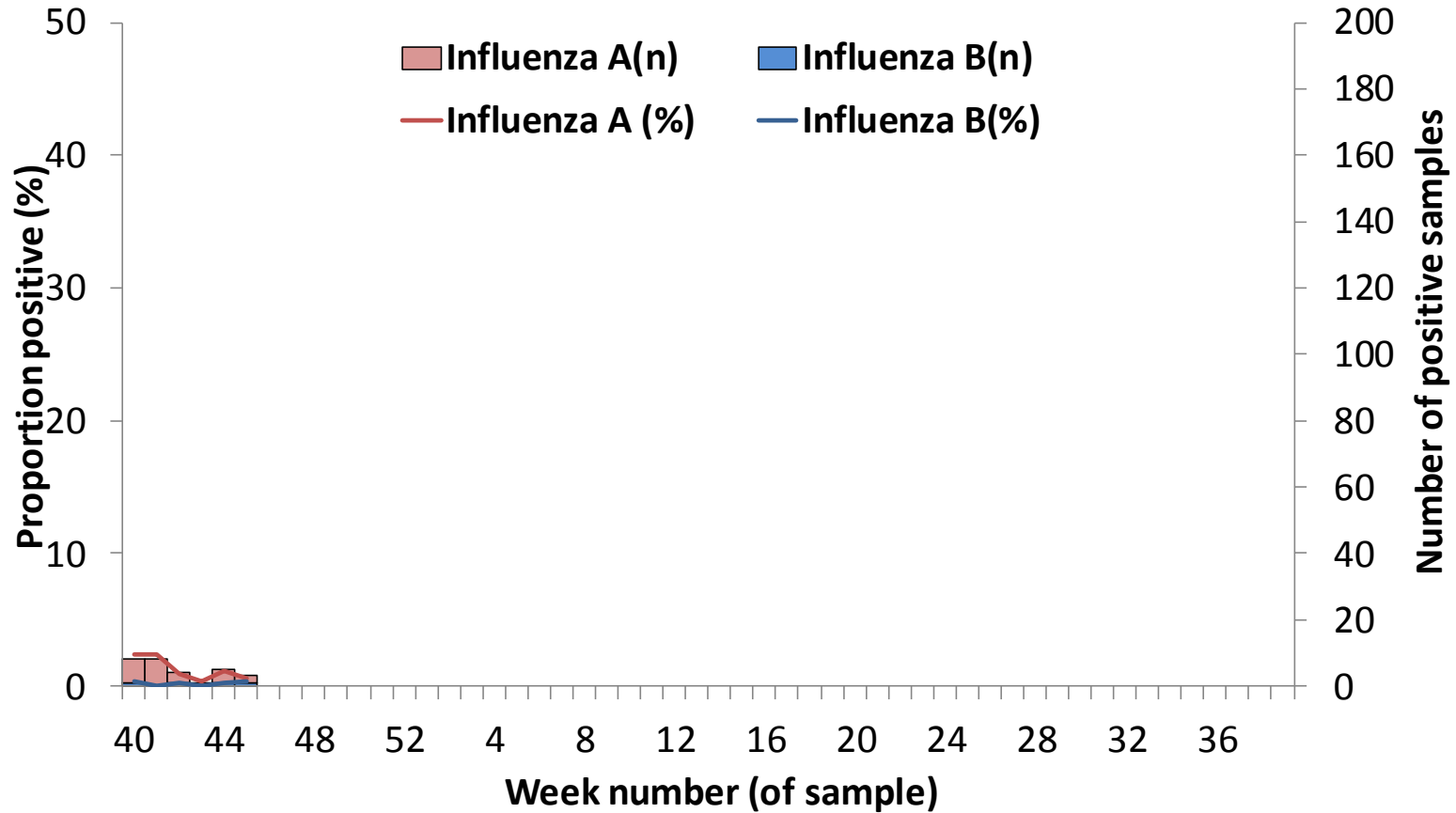
DataMart: Number and proportion of samples positive for influenza, by type, PHE London
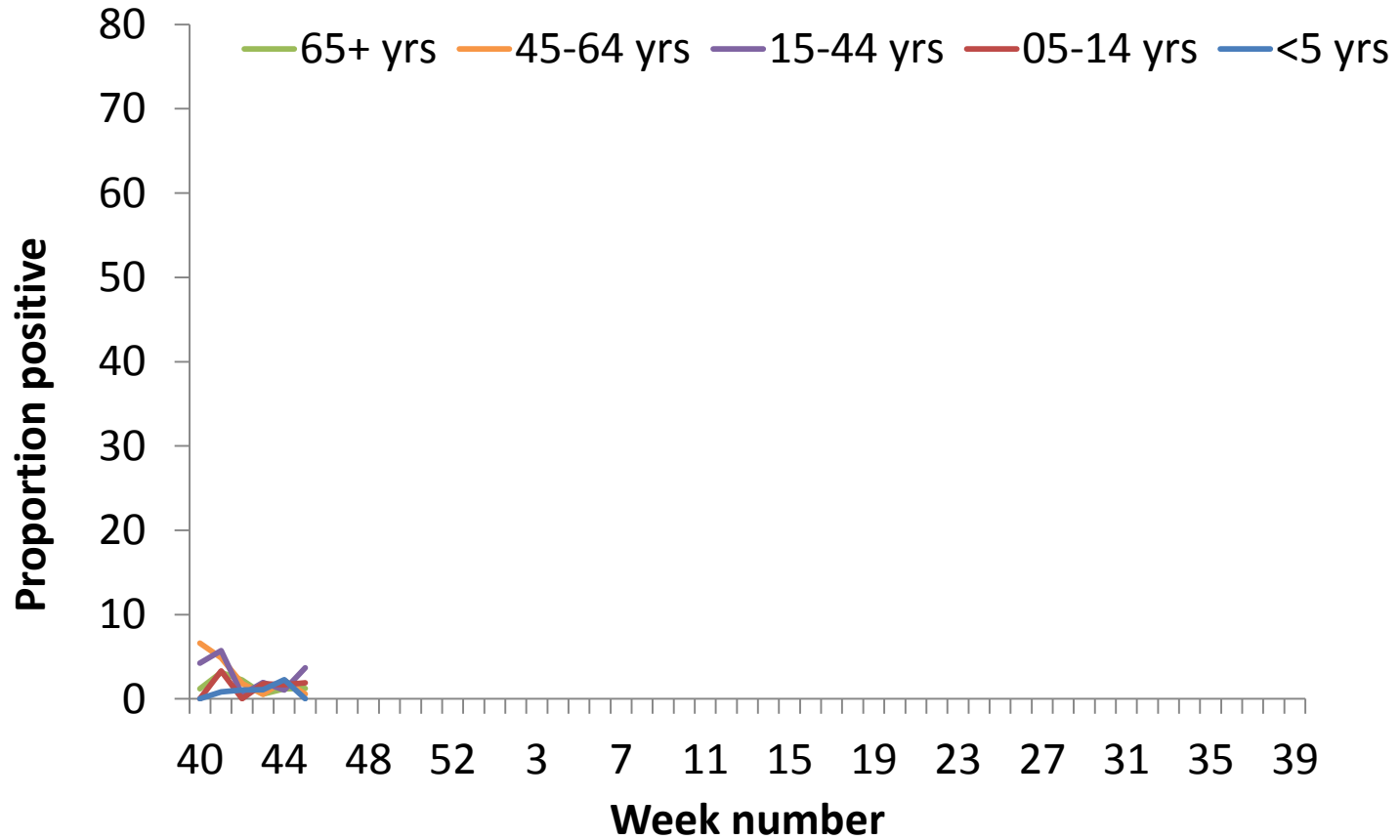
DataMart: Number and proportion of samples positive for influenza, by type, PHE South of England
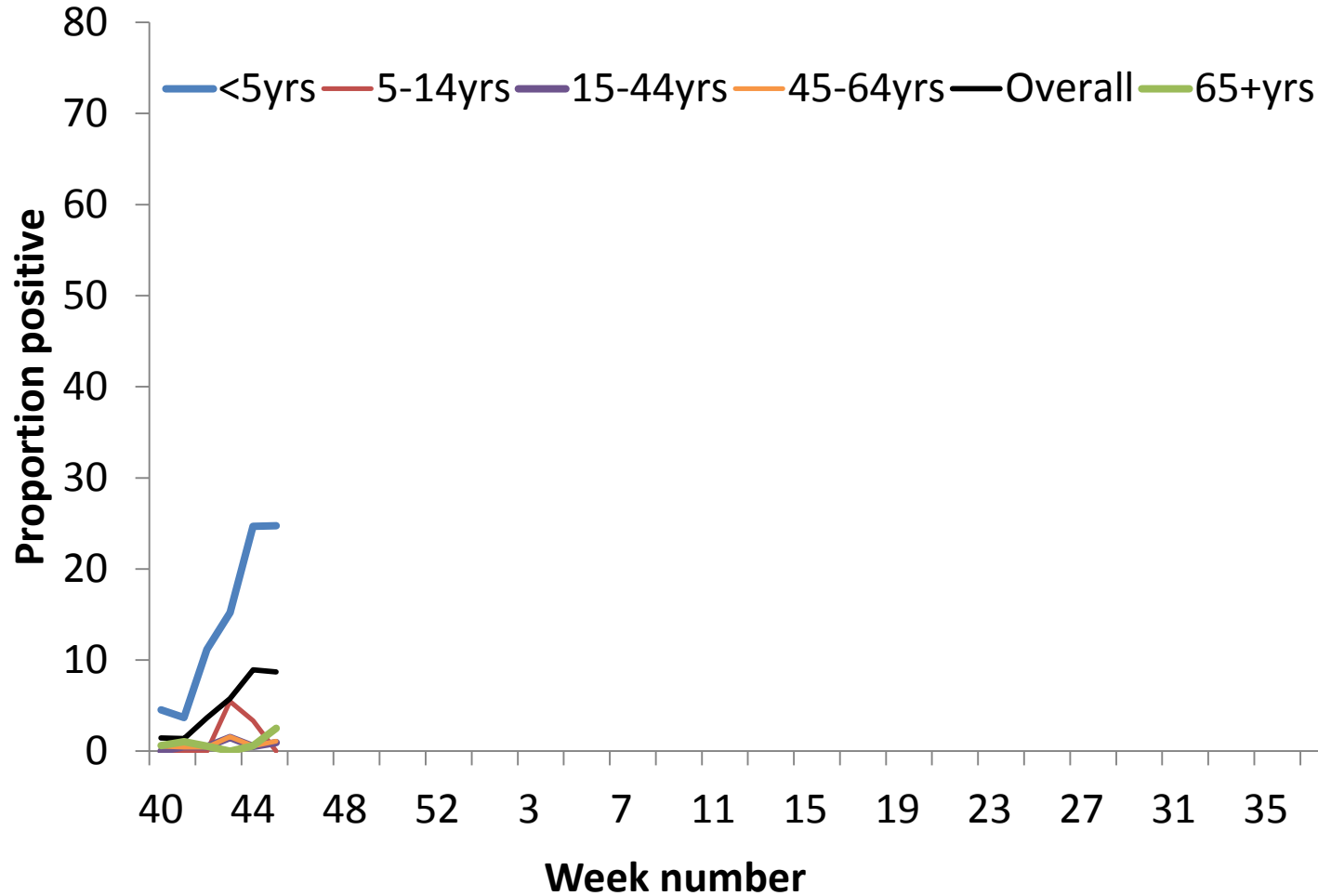
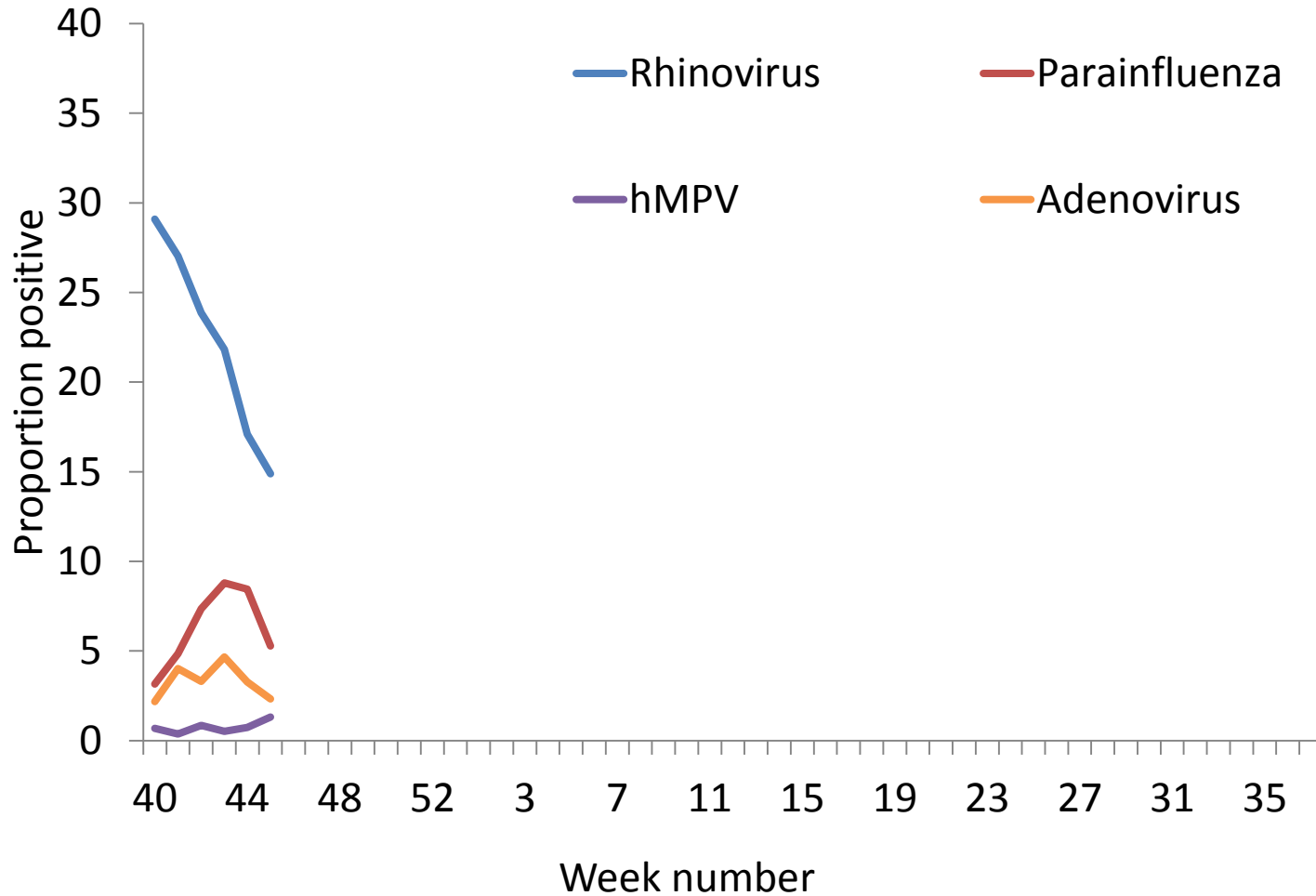DataMart: Proportion of samples positive for influenza, by age group

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

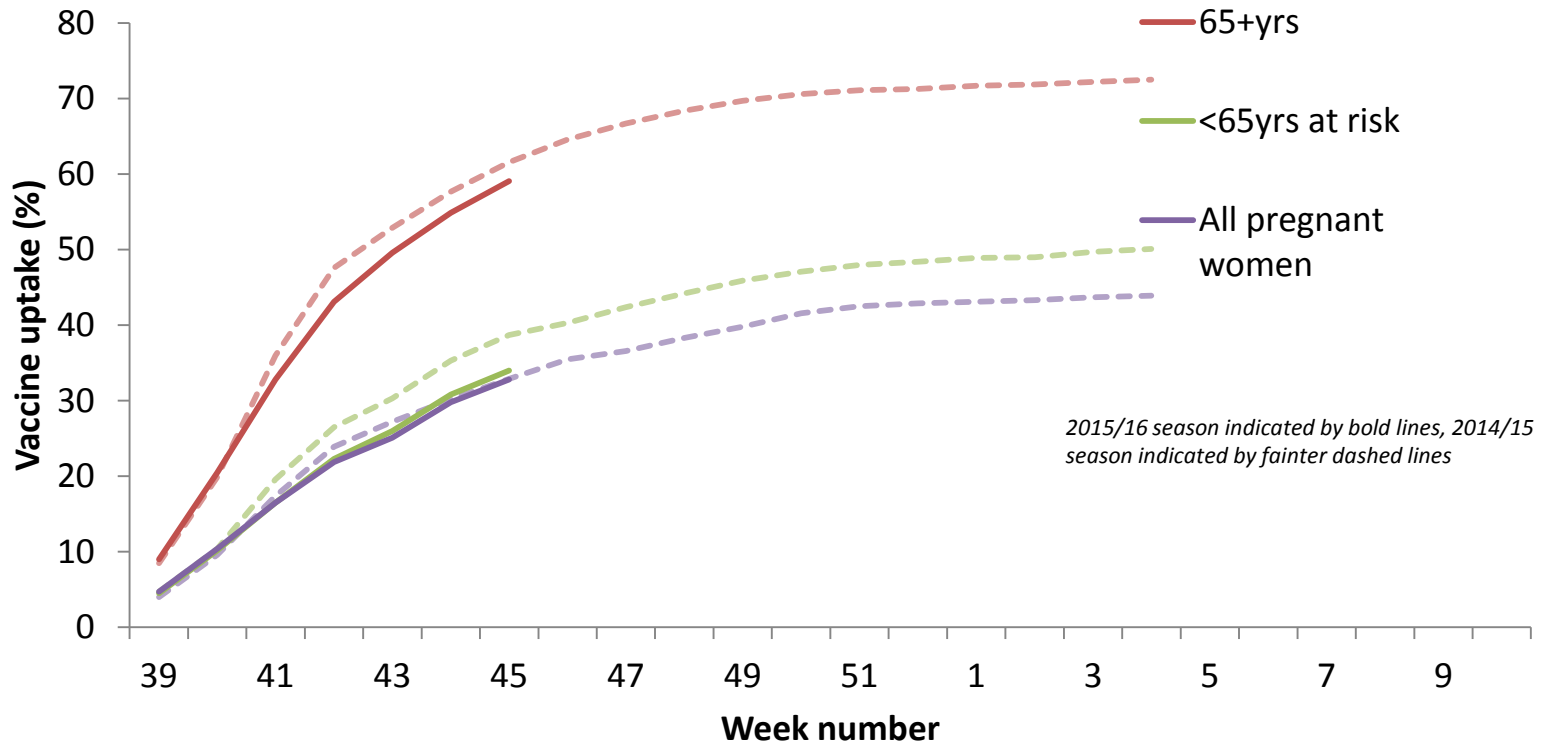DataMart: Number and proportion of samples positive for other viruses

Influenza vaccination

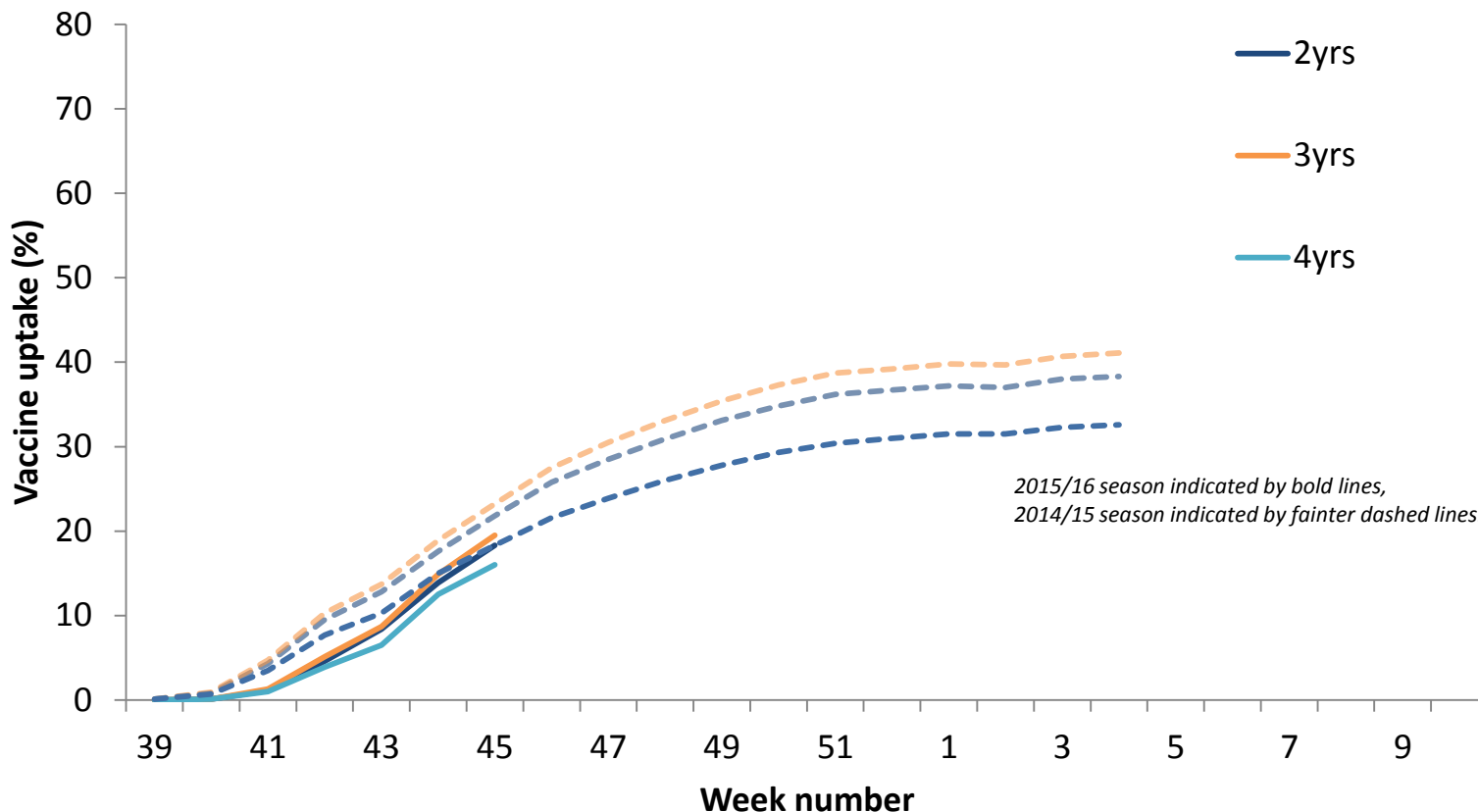# Seasonal influenza vaccine uptake in targeted groups, 2015/16, England

Seasonal influenza vaccine uptake in targeted groups, 2015/16, England

2015/16 season indicated by bold lines,
2014/15 season indicated by fainter dashed lines.

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