



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

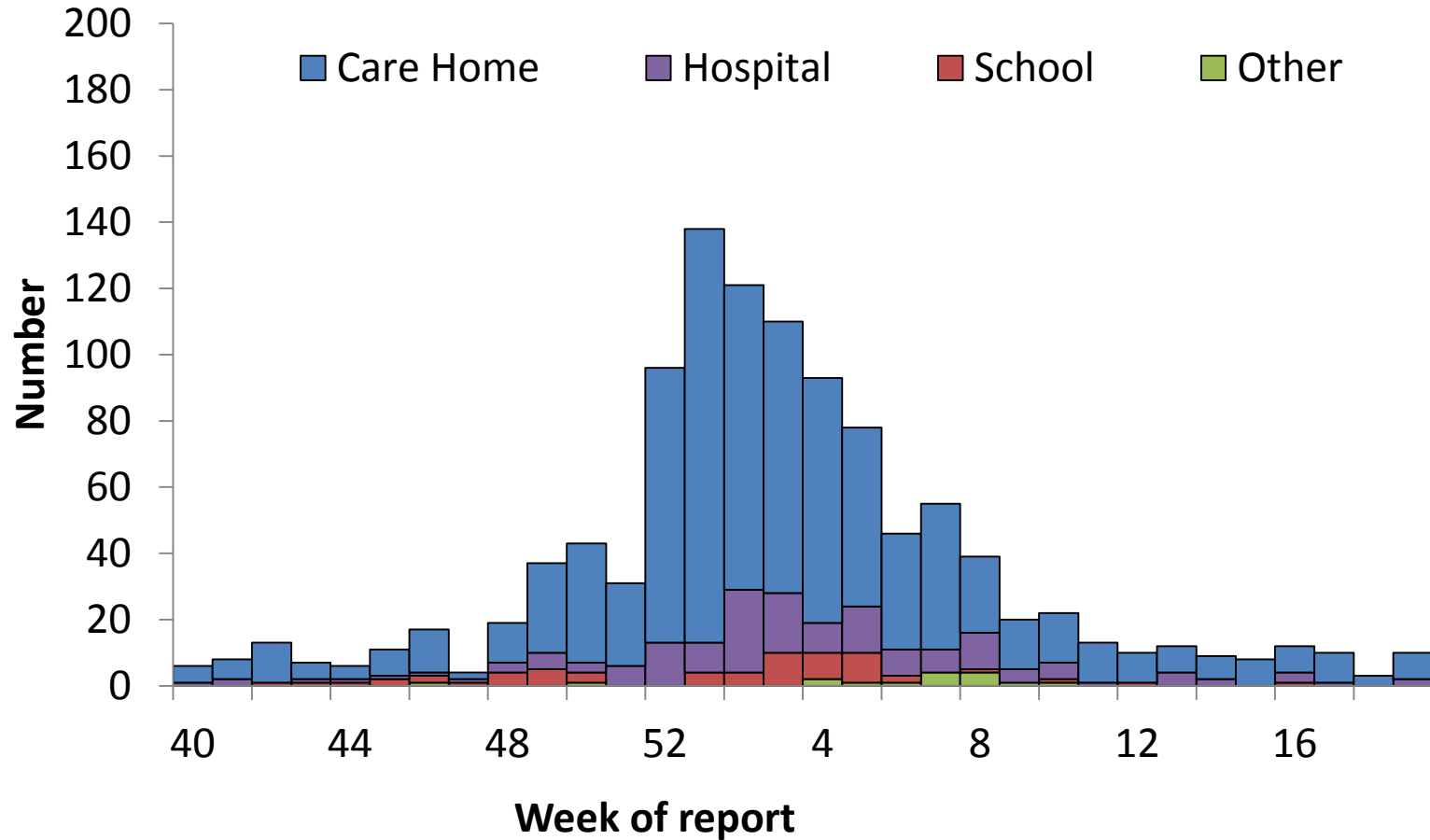
respcidsc@phe.gov.uk



Community influenza surveillance



Number of acute respiratory outbreaks by institution, UK



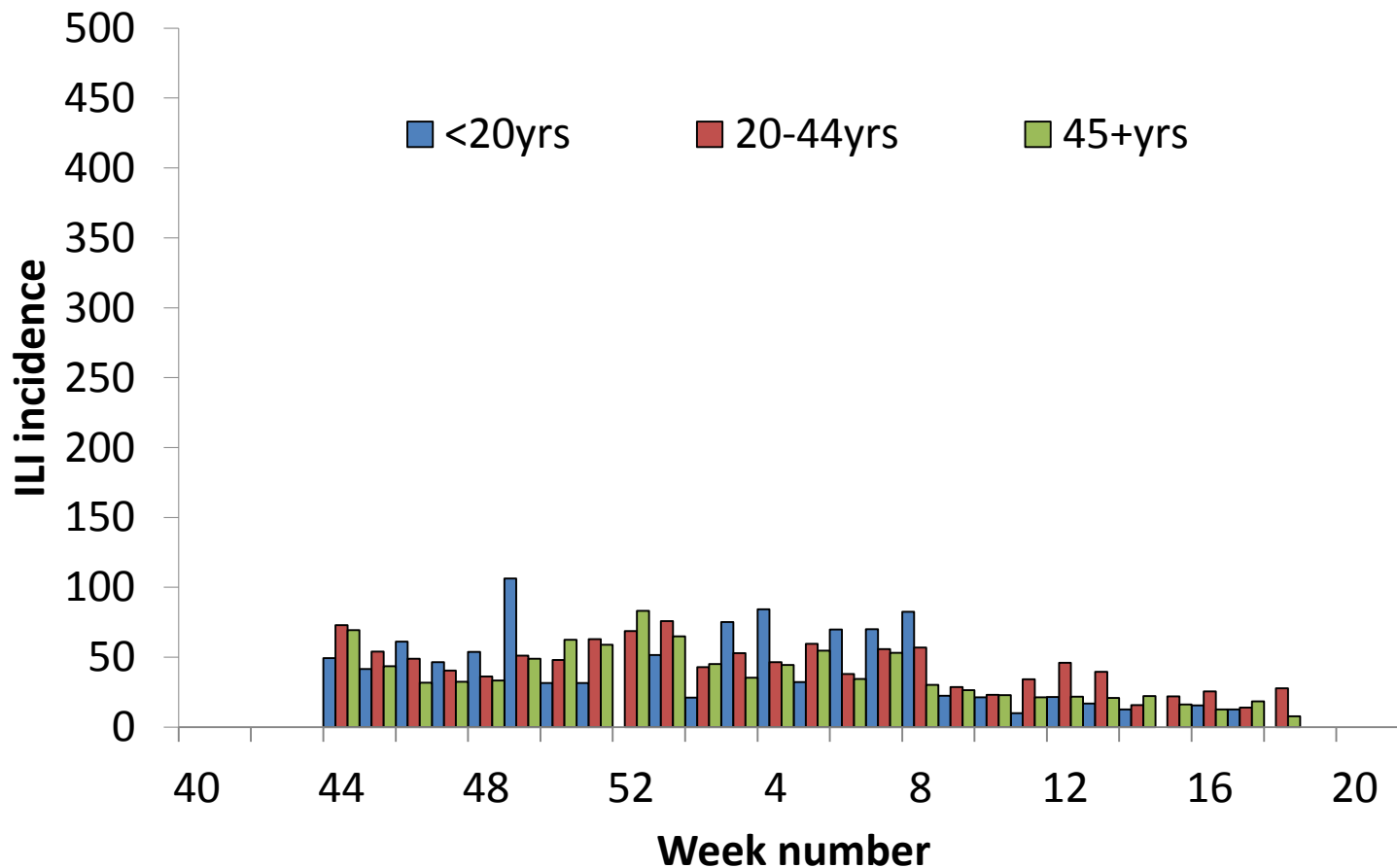


Outbreaks (table by PHE Region)

	Outbreaks reported in Week 19	Cumulative since Week 40
PHE North of England	3	251
PHE Midlands and East of England	5	373
PHE London	0	59
PHE South of England	0	320



FluSurvey ILI incidence by age group, UK



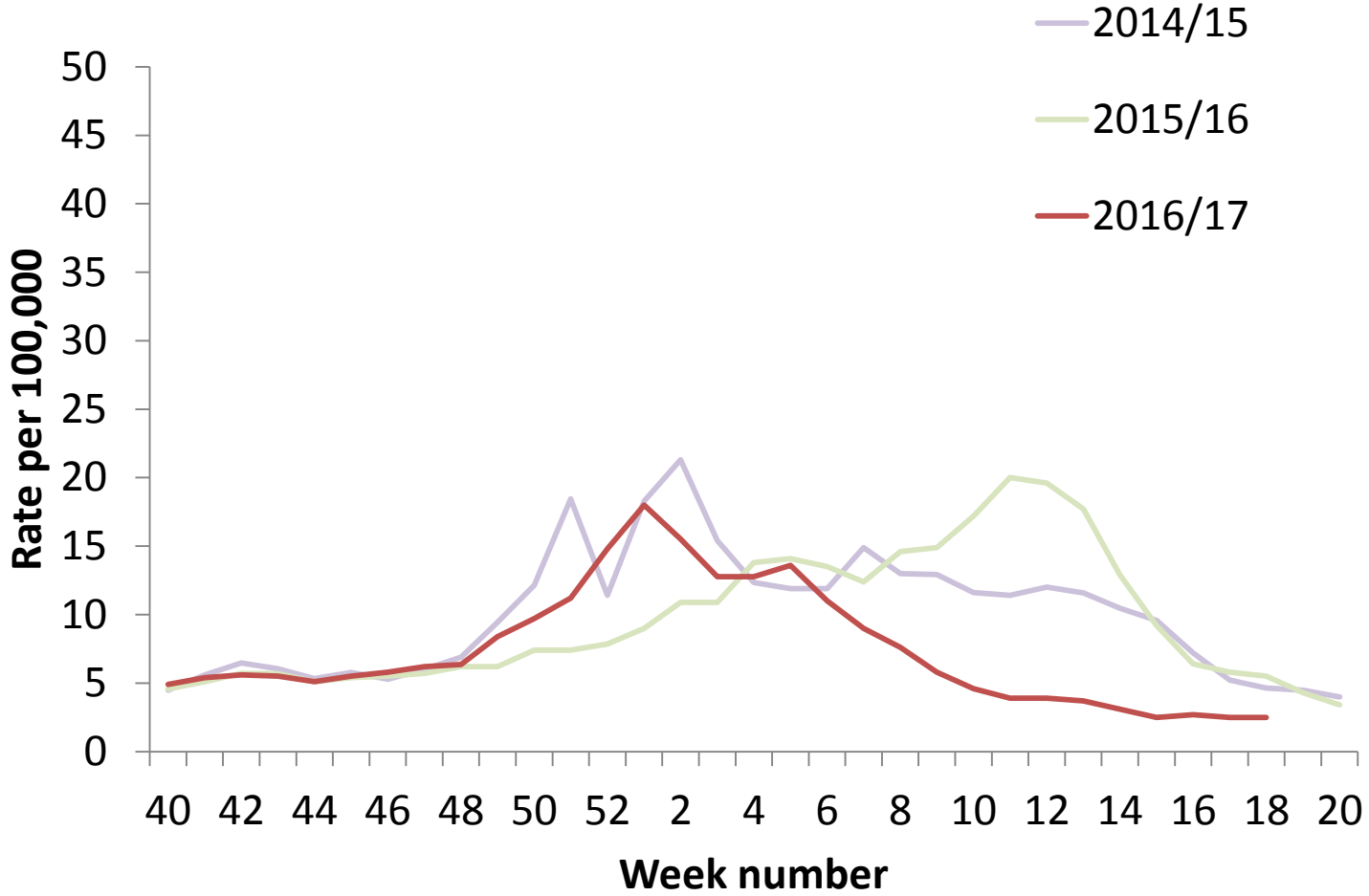
NB: Data is expected later in the season for FluSurvey



Influenza-like illness GP consultation rates

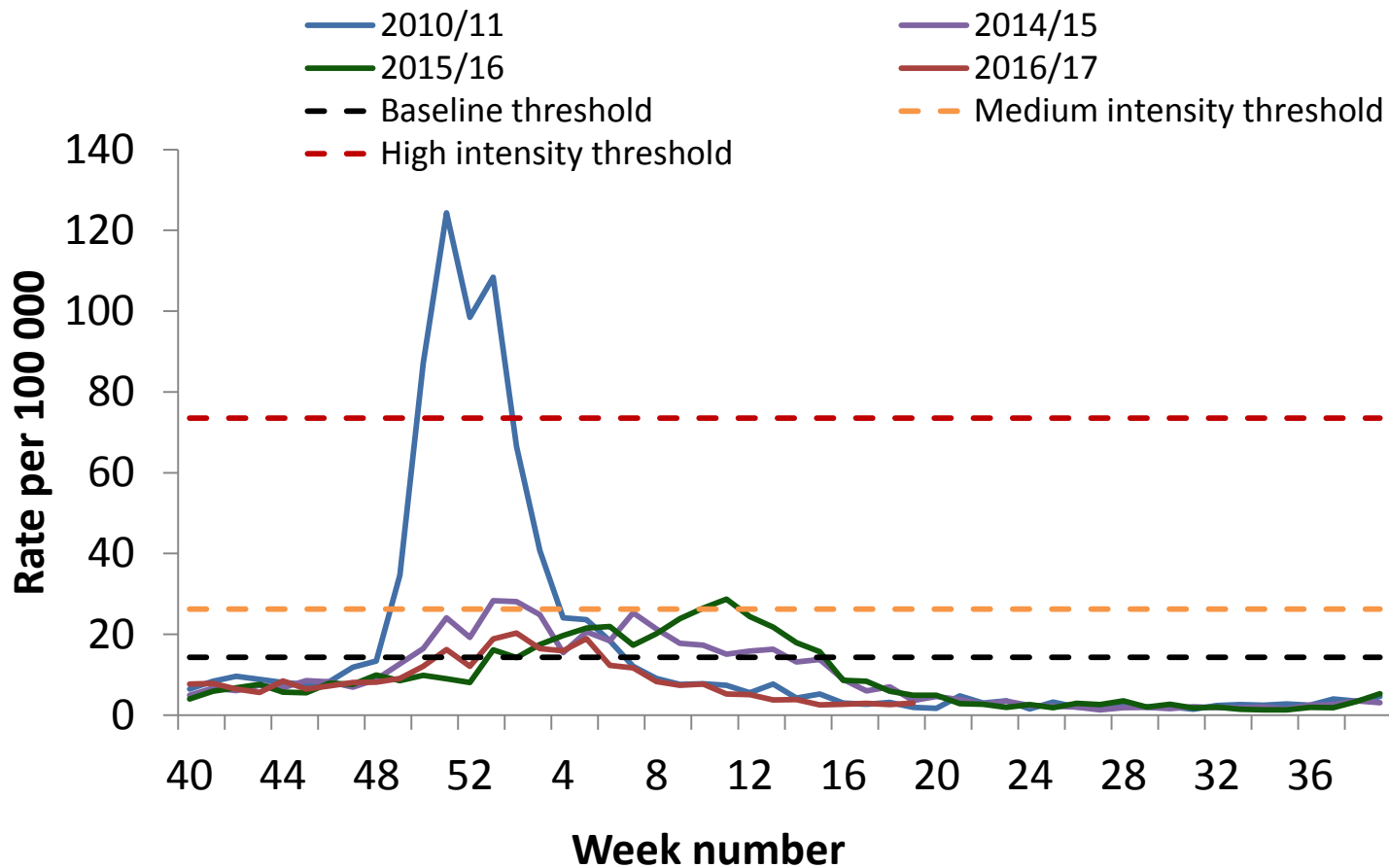


GP In Hours ILI consultation rate, England



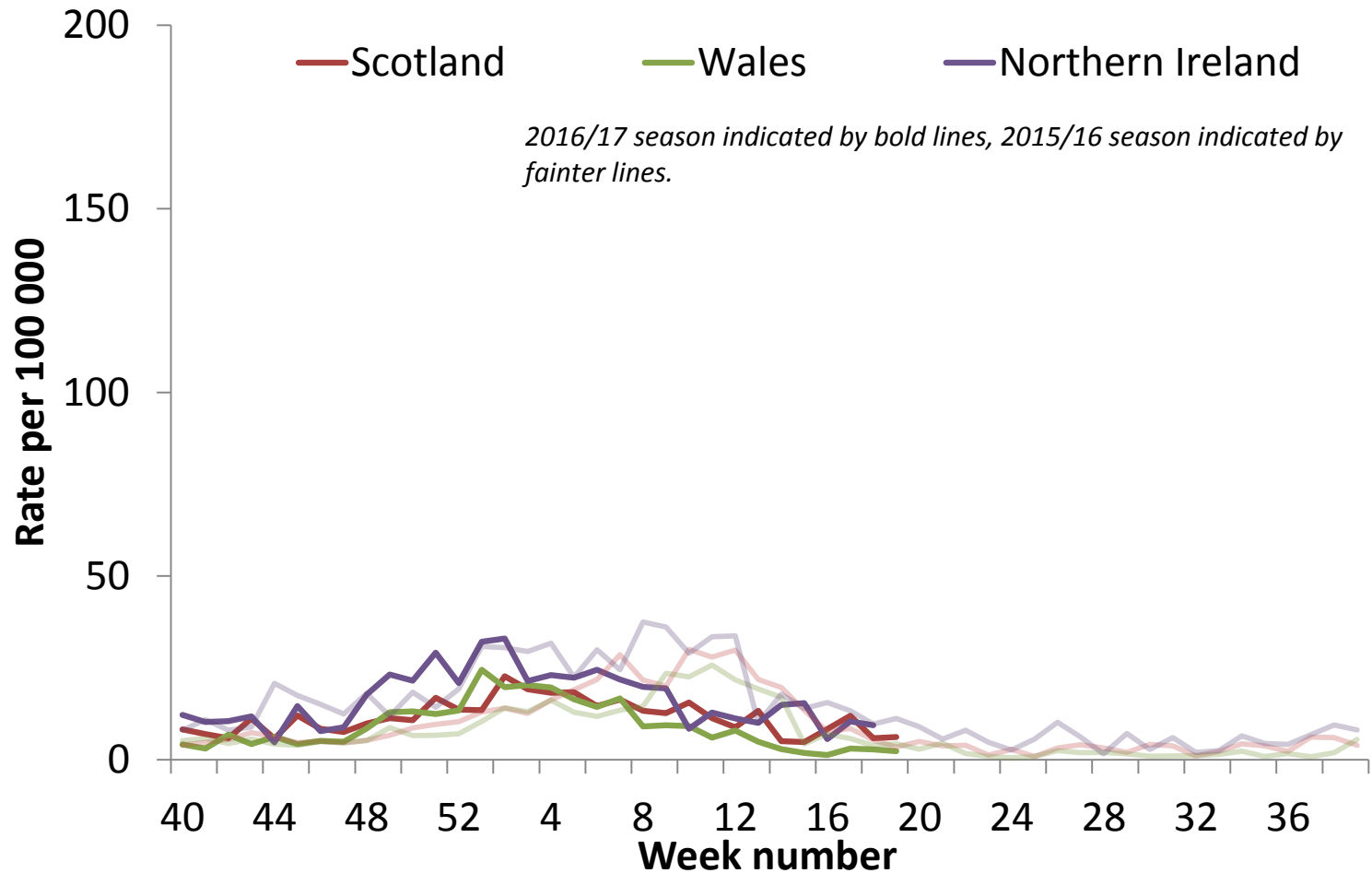


RCGP ILI consultation rate, England





ILI/influenza –Scotland, Wales and Northern Ireland



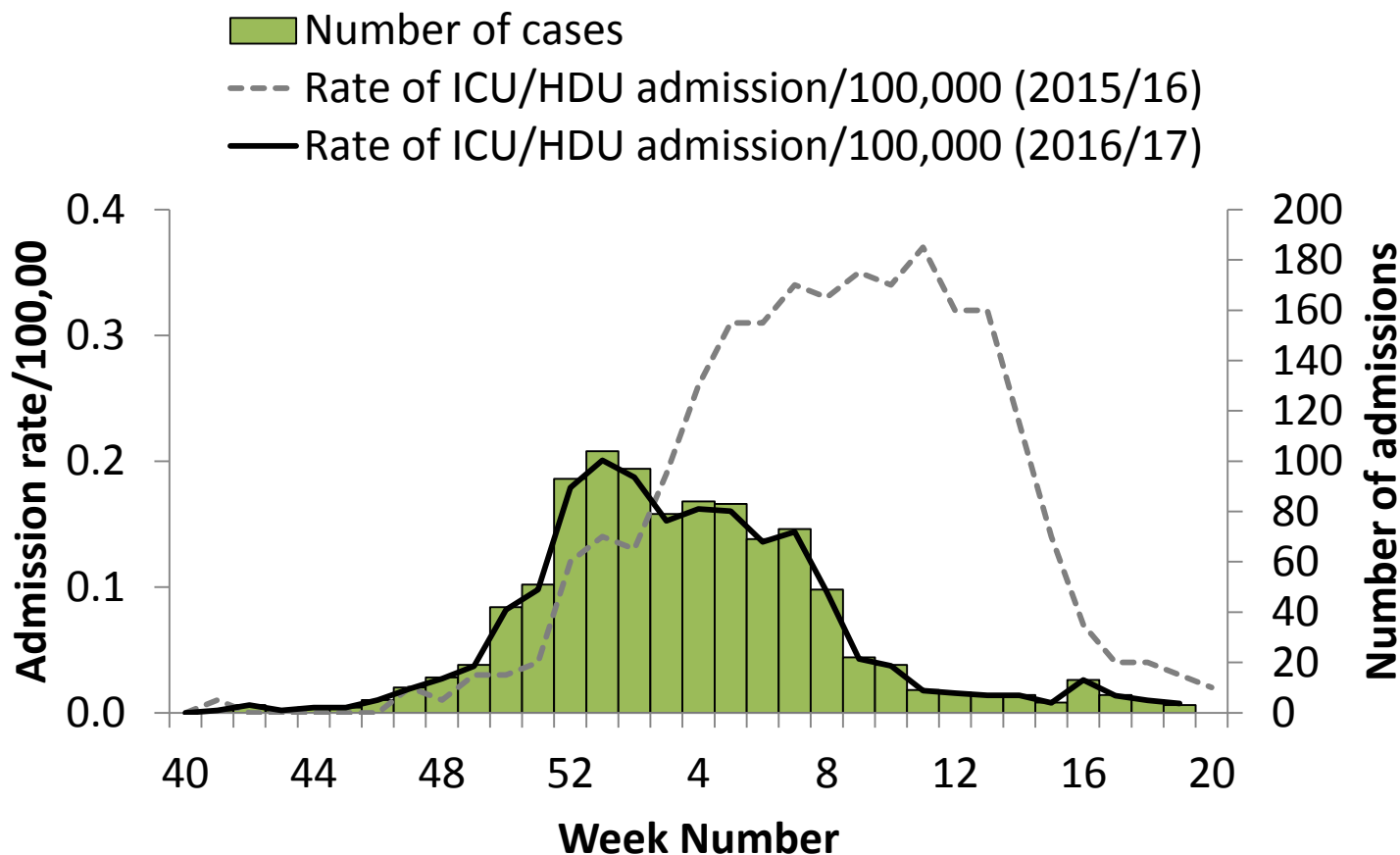
Scottish rates are weekly averages of daily data.



Influenza-confirmed hospitalisations

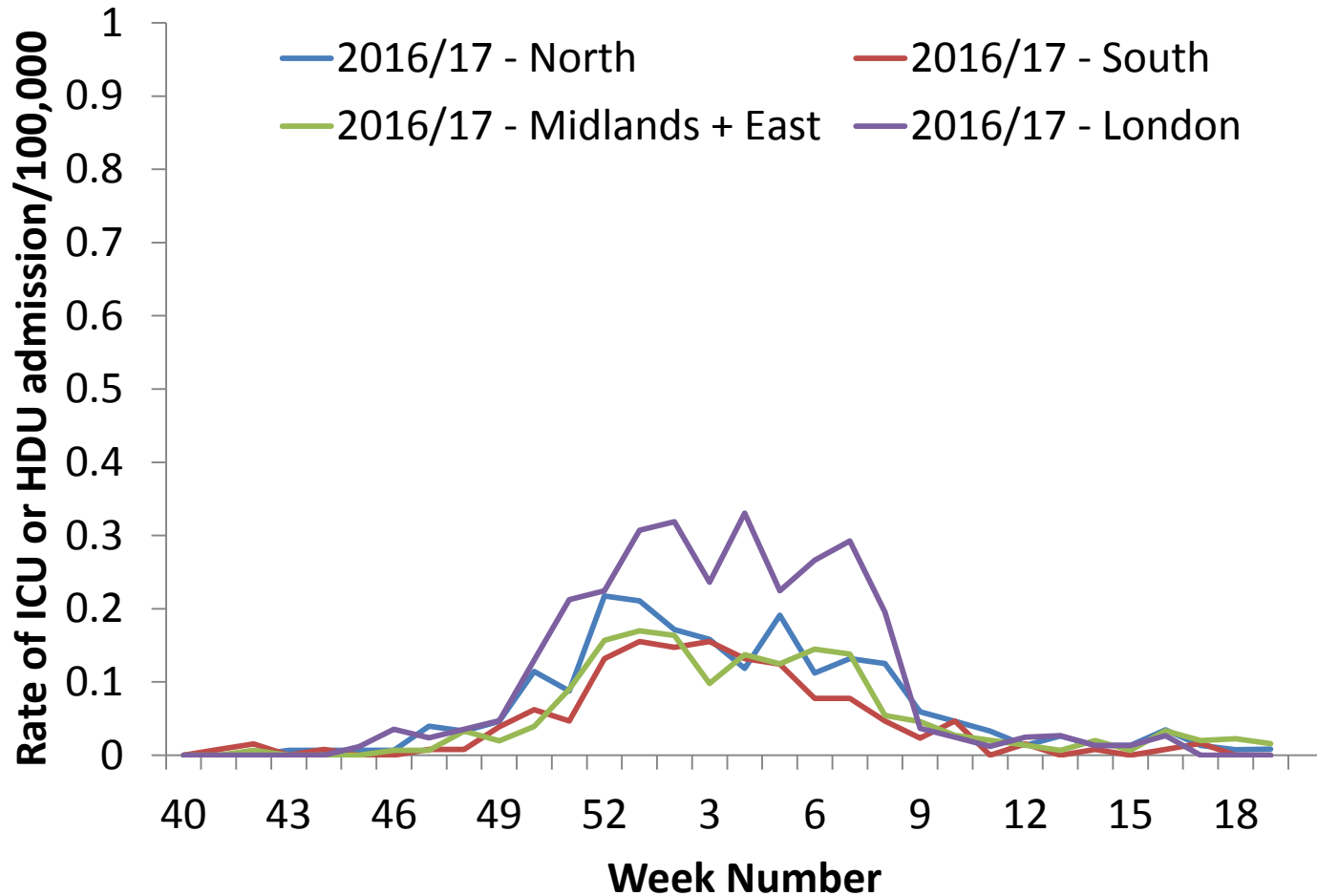


Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population , England, since week 40 2016



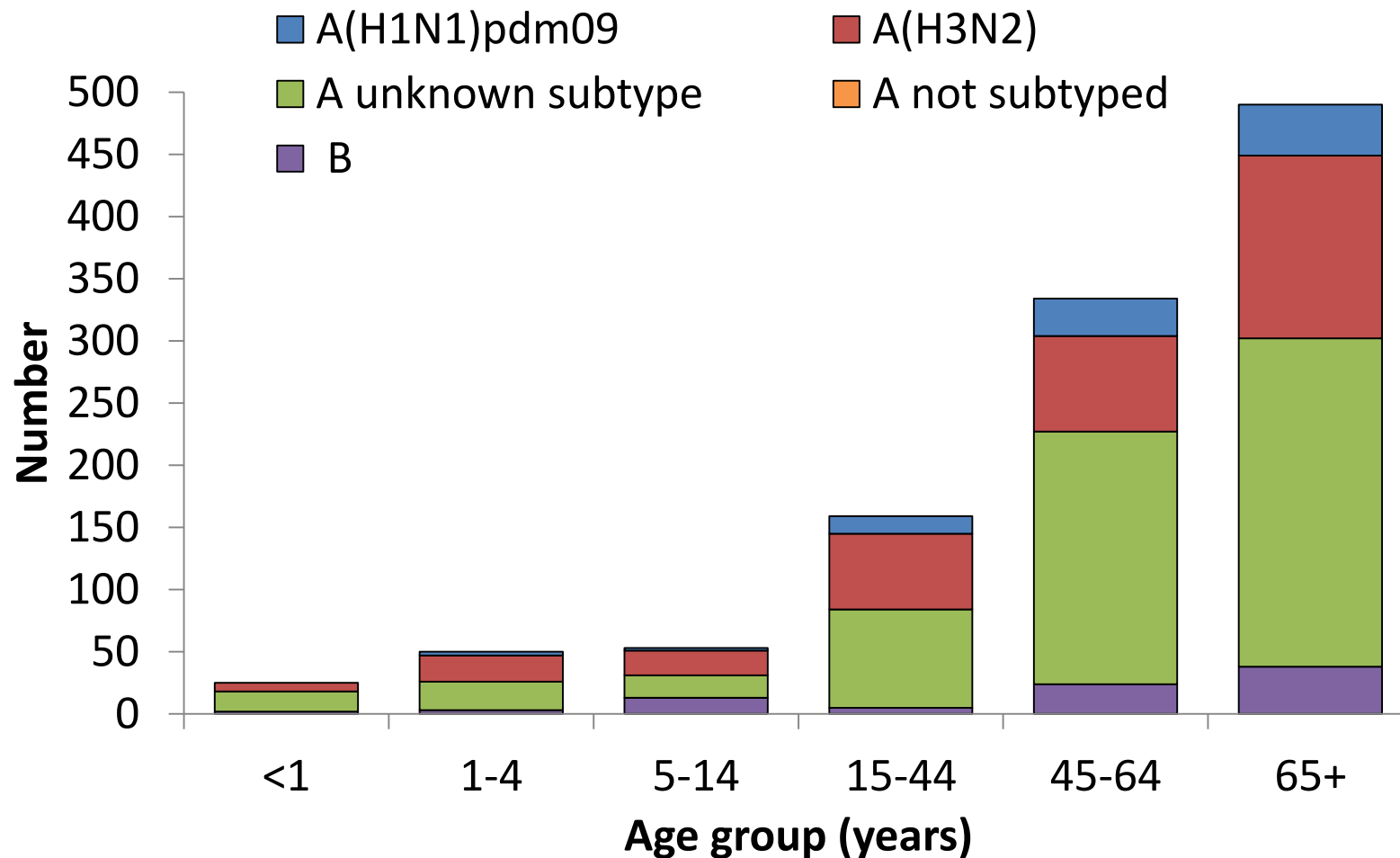


Weekly ICU/HDU influenza admission rate per 100,000 trust catchment population by PHE region, since week 40 2016



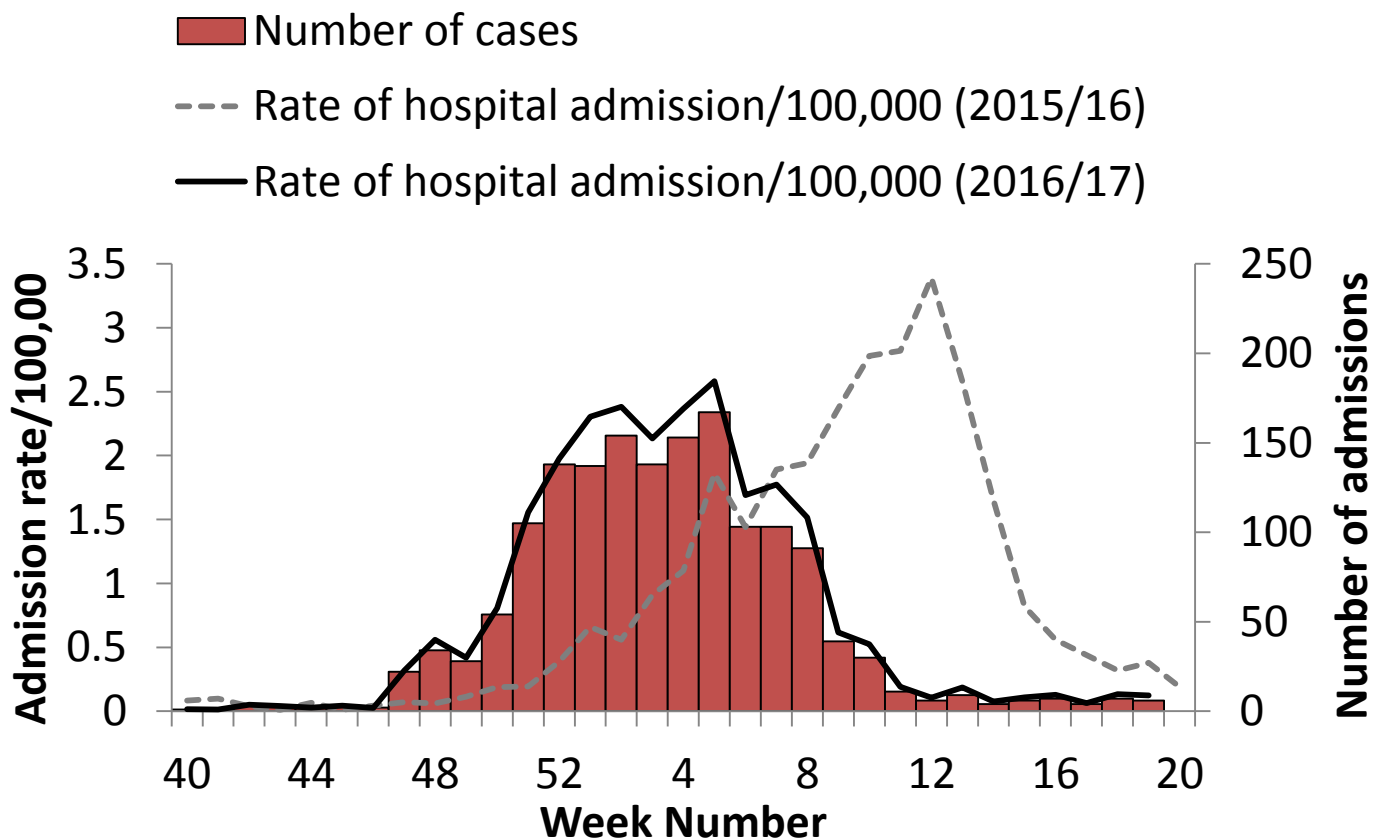


Influenza confirmed ICU admissions (USISS mandatory) by age and influenza subtype, since week 40 2016



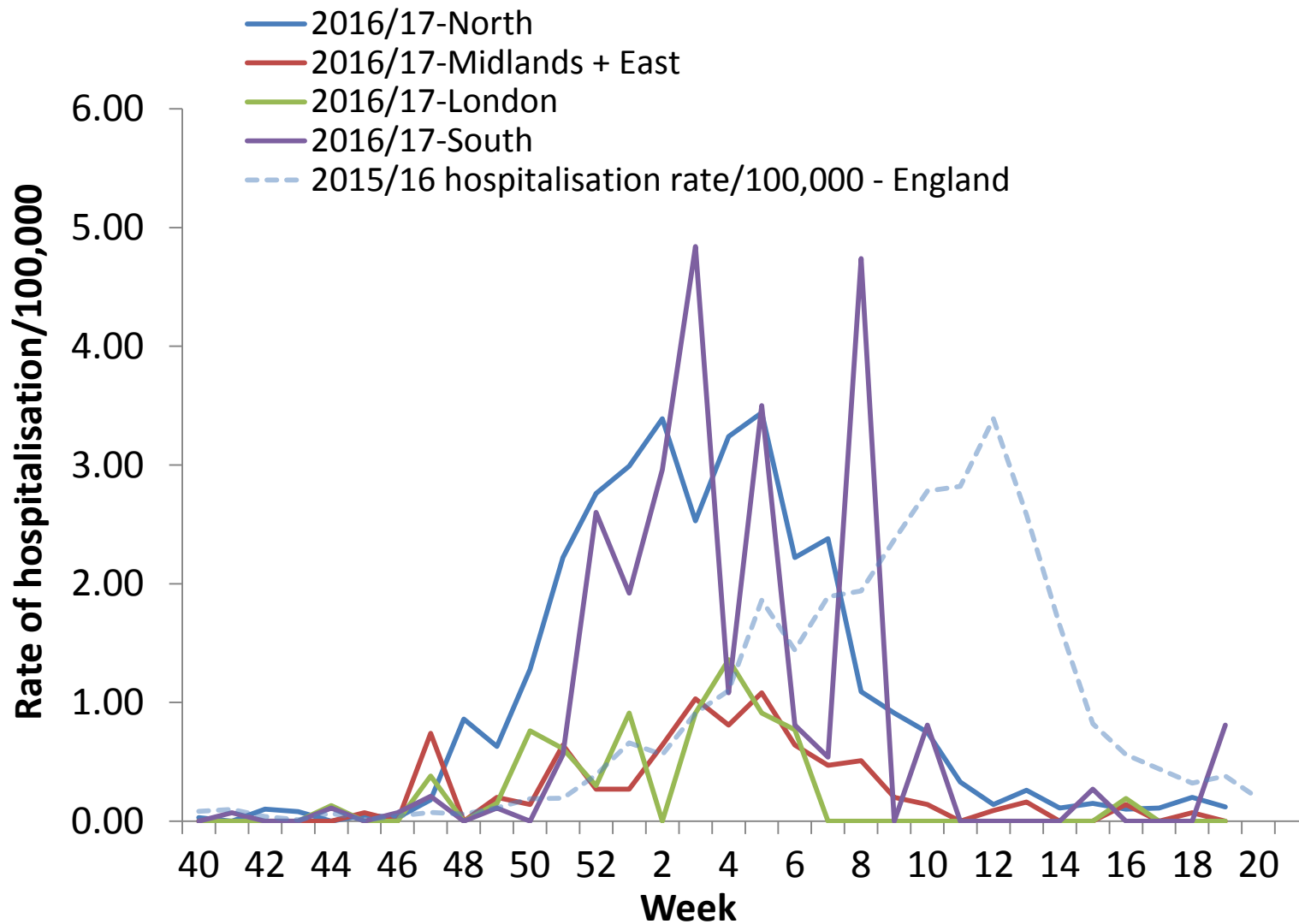


Weekly hospitalised influenza case rate per 100,000 trust catchment population , England, since week 40 2016





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

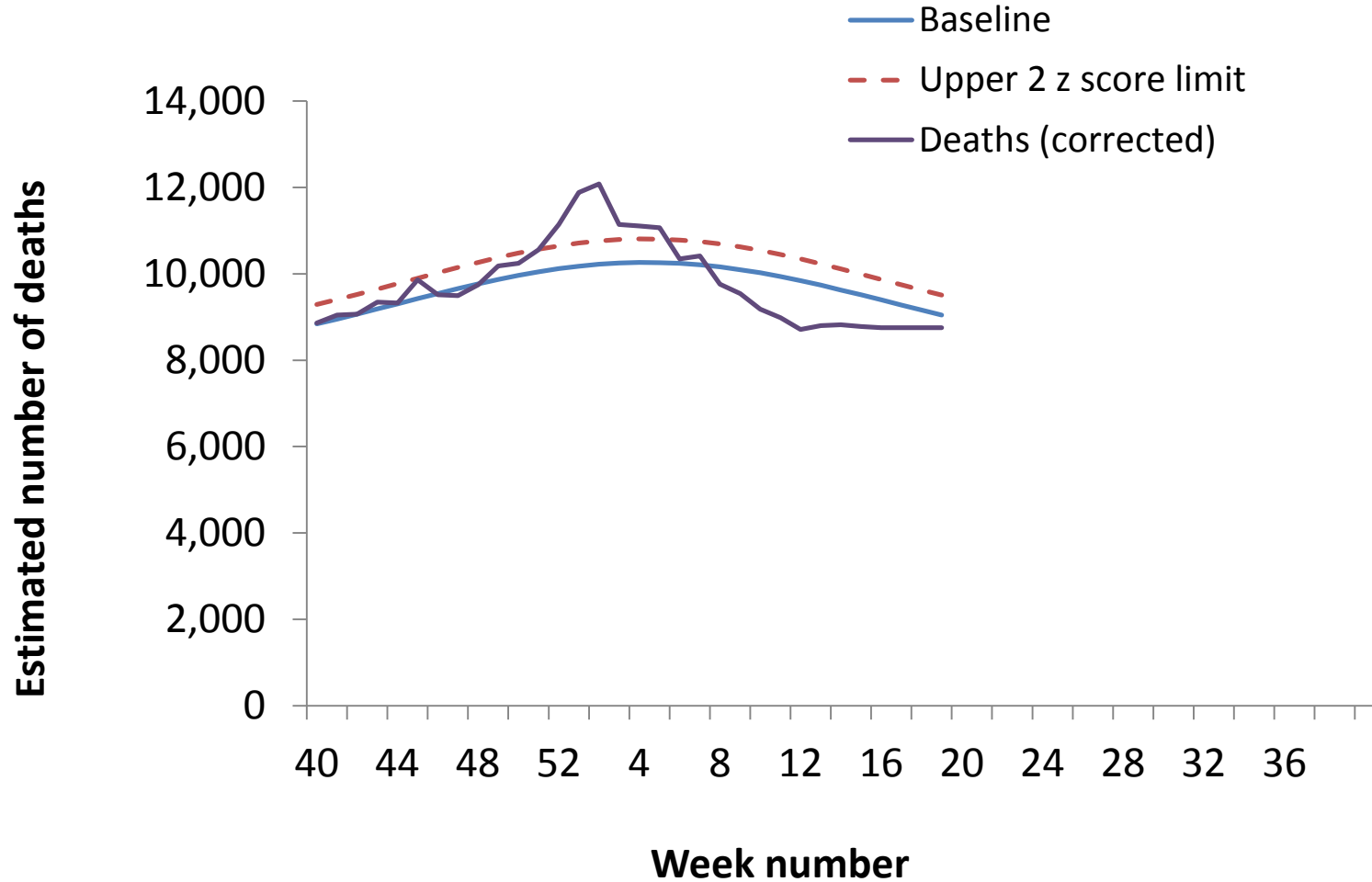




All-cause mortality

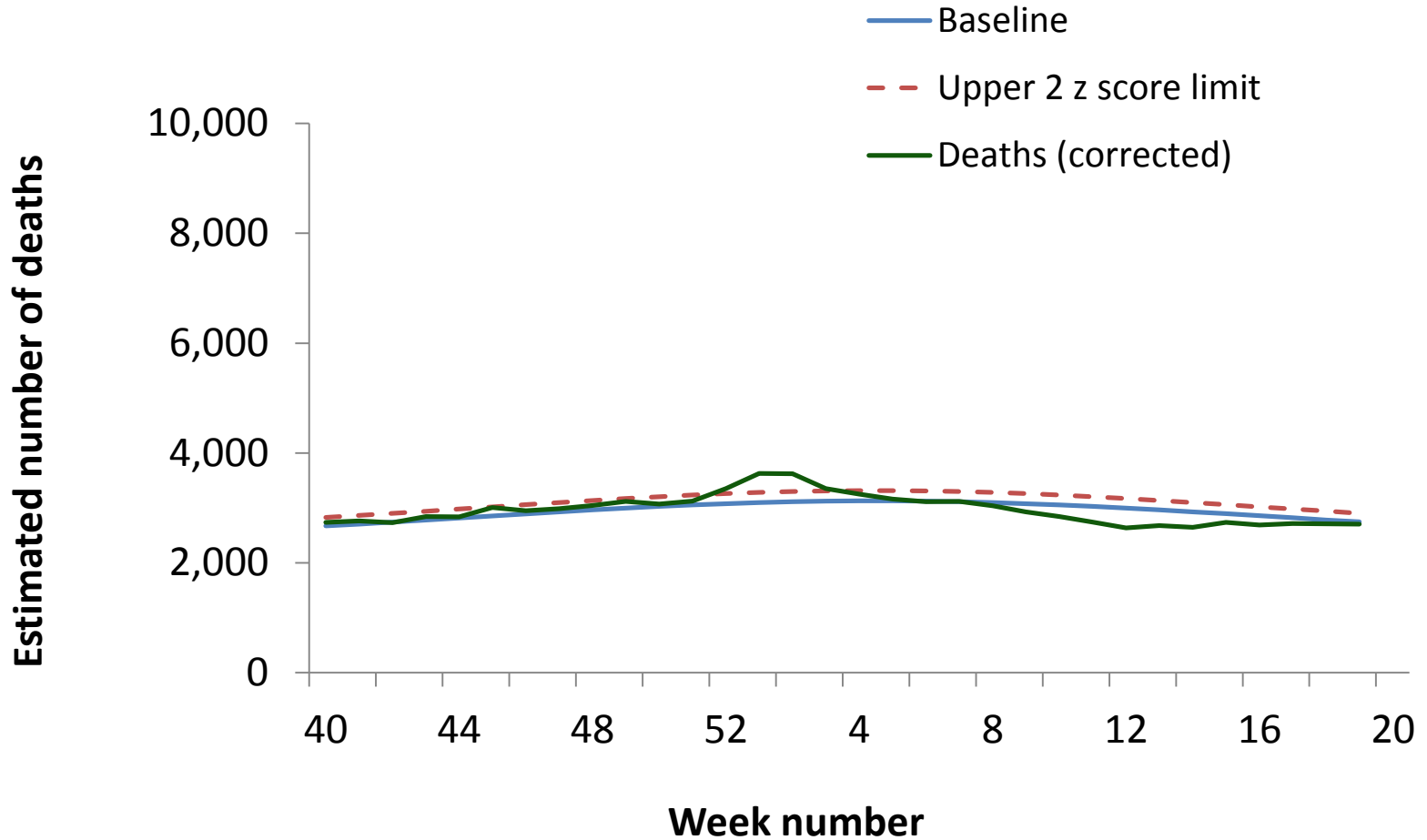


Excess mortality (all causes) by week of death through the EuroMOMO algorithm in all ages, England



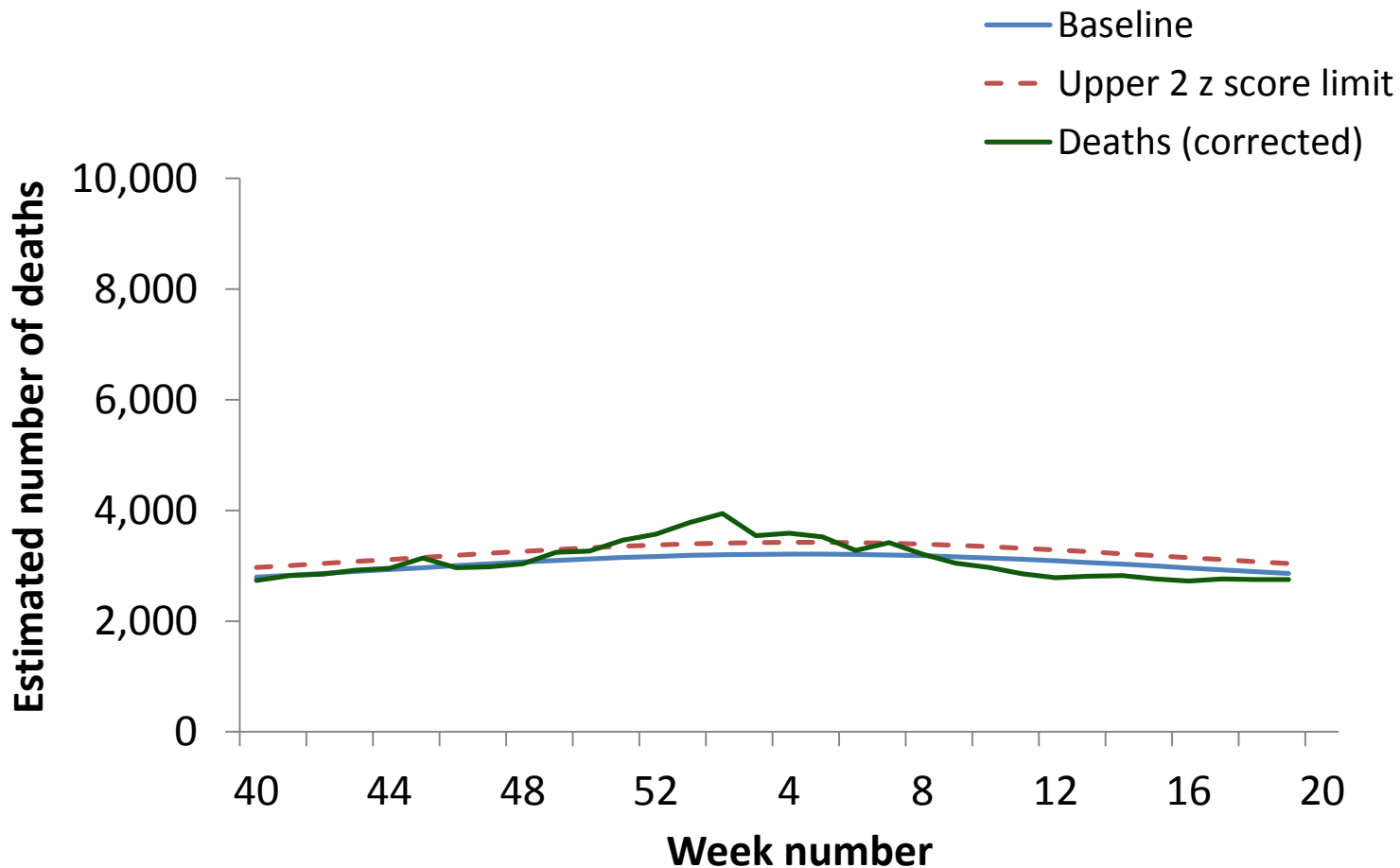


Excess mortality (all causes) by week of death through the EuroMOMO algorithm, PHE North of England



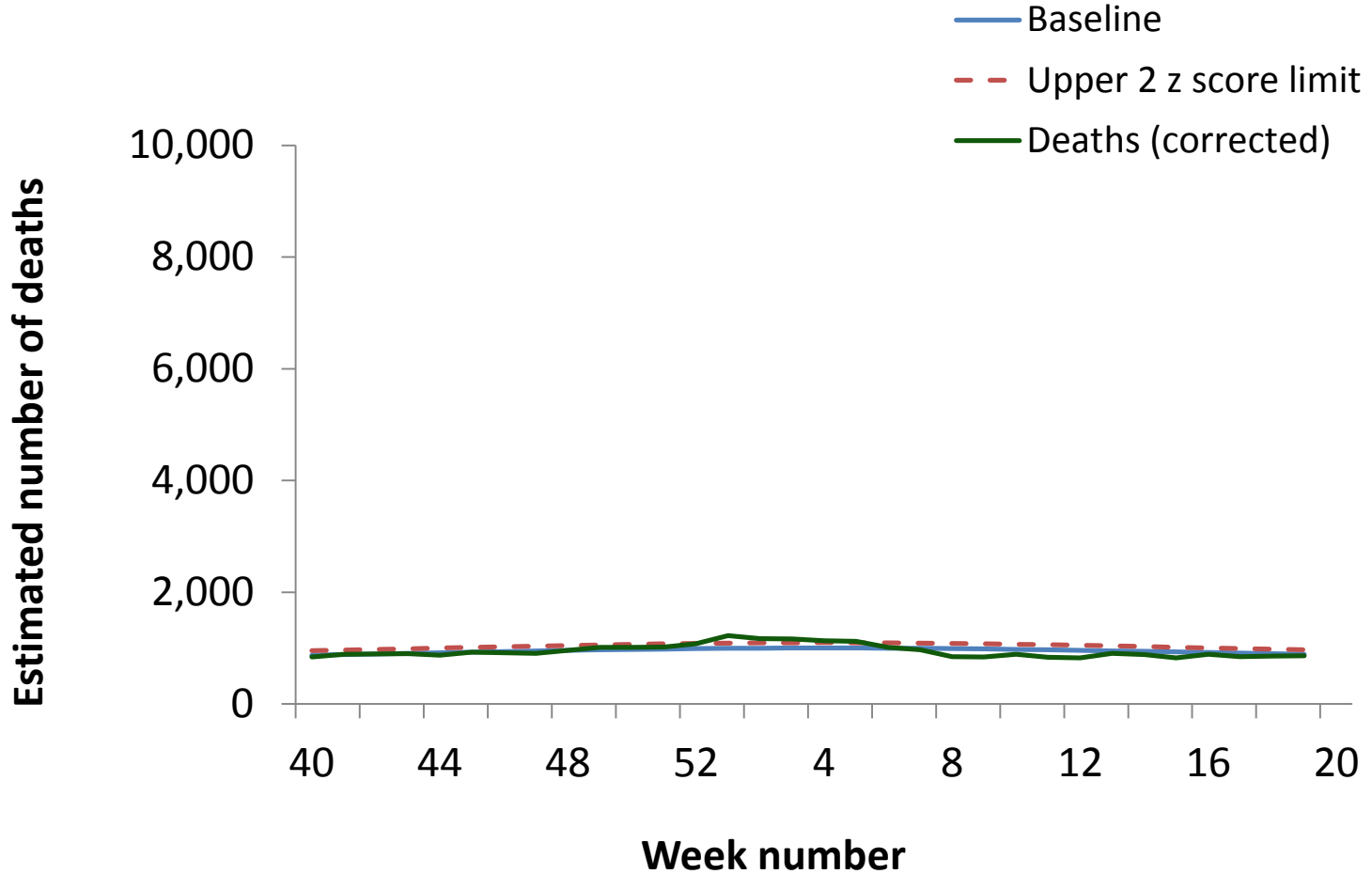


Excess mortality (all causes) by week of death through the EuroMOMO algorithm, PHE Midlands and East of England



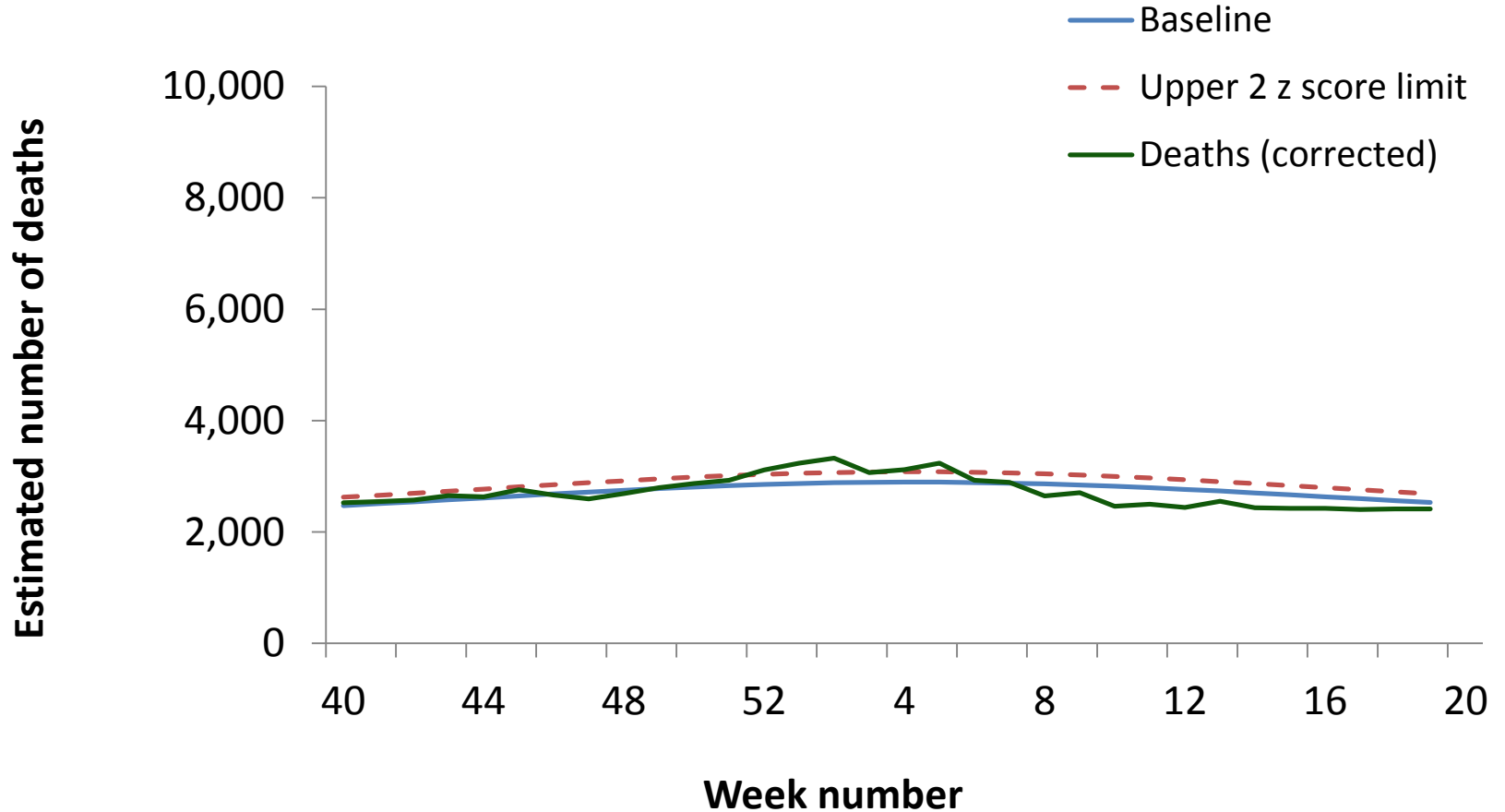


Excess mortality (all causes) by week of death through the EuroMOMO algorithm, PHE London





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



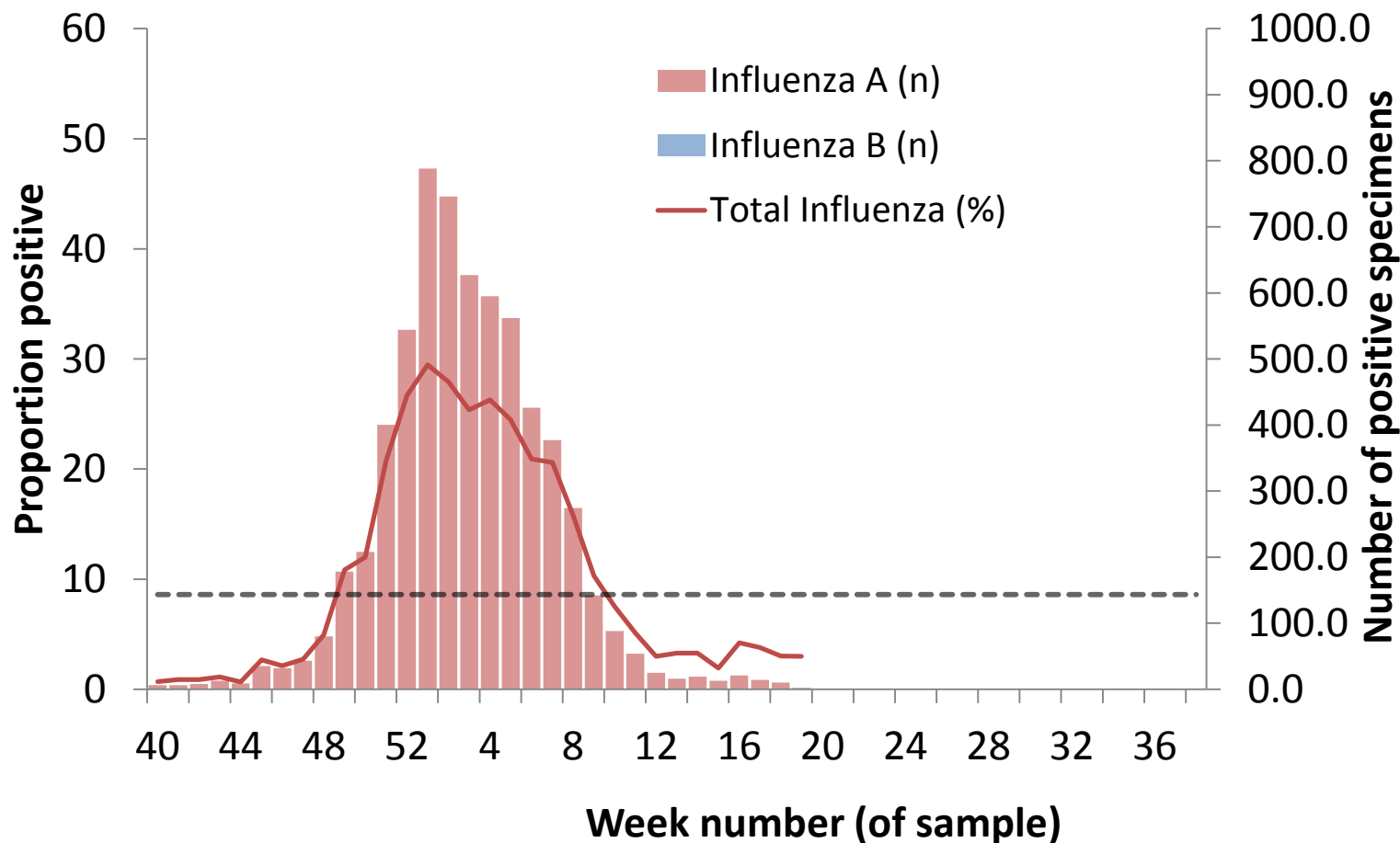


Public Health
England

Microbiological surveillance

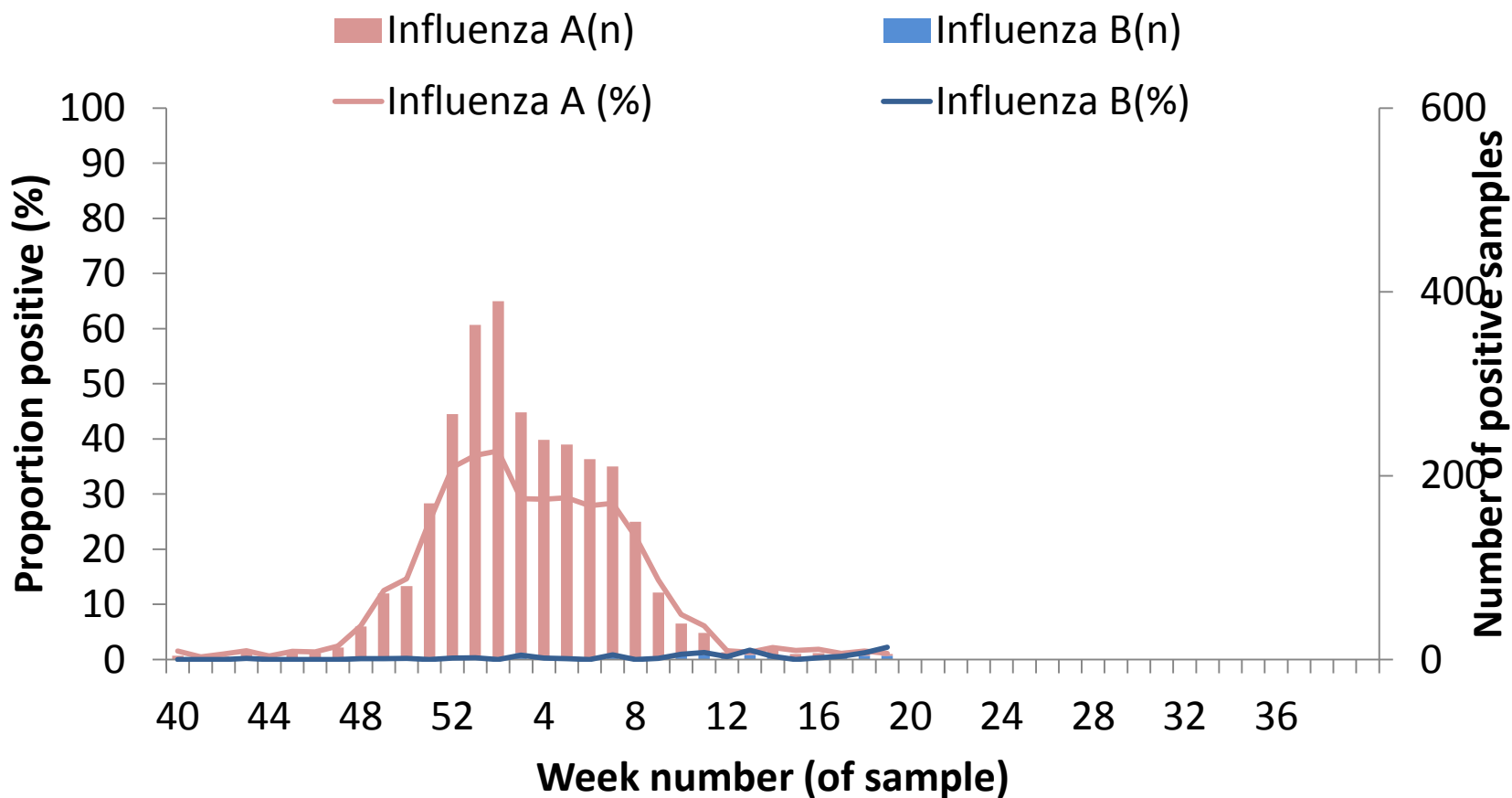


DataMart: Number and proportion of samples positive for influenza, by type, England



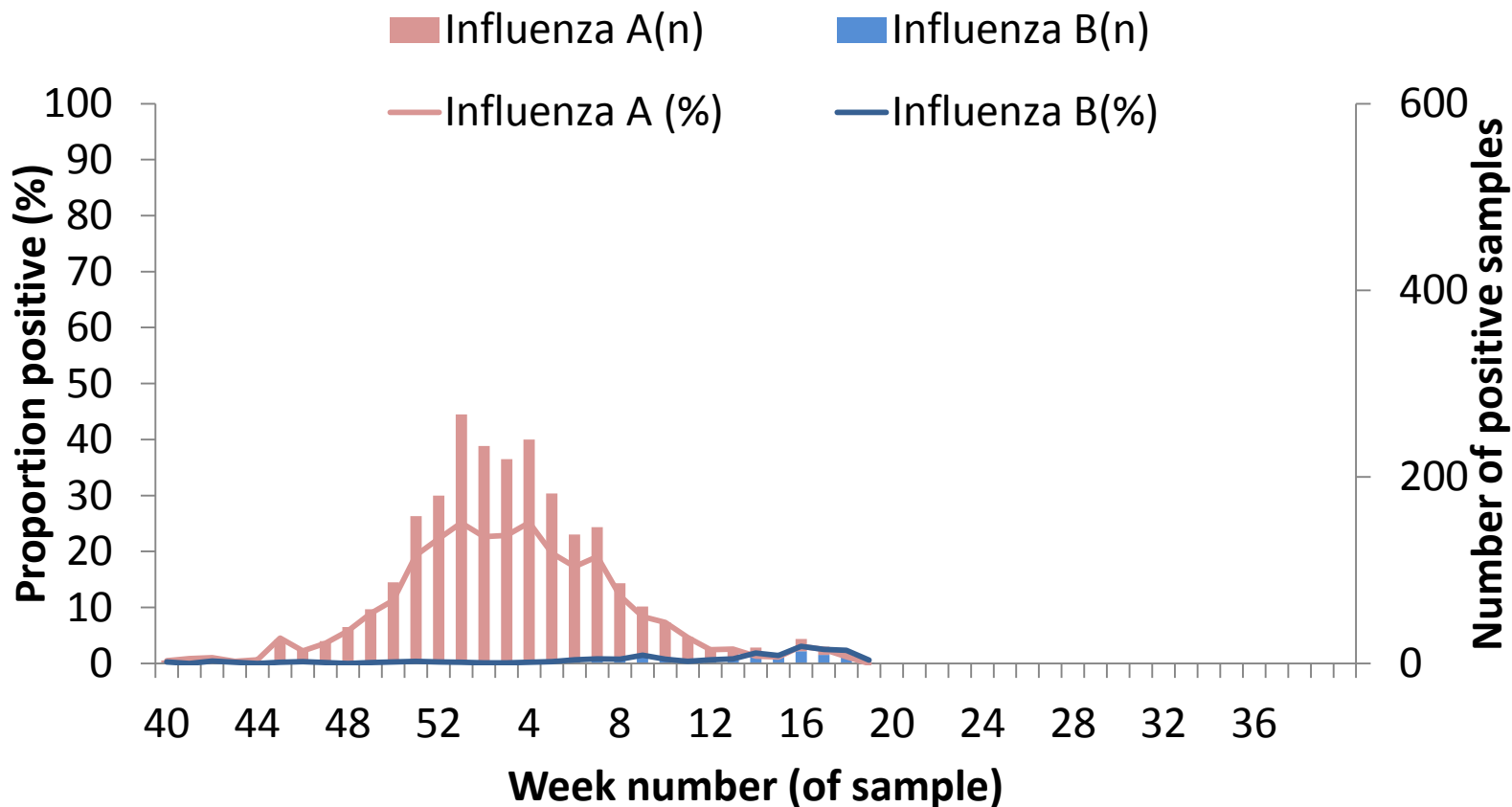


DataMart: Number and proportion of samples positive for influenza, by type, PHE North of England



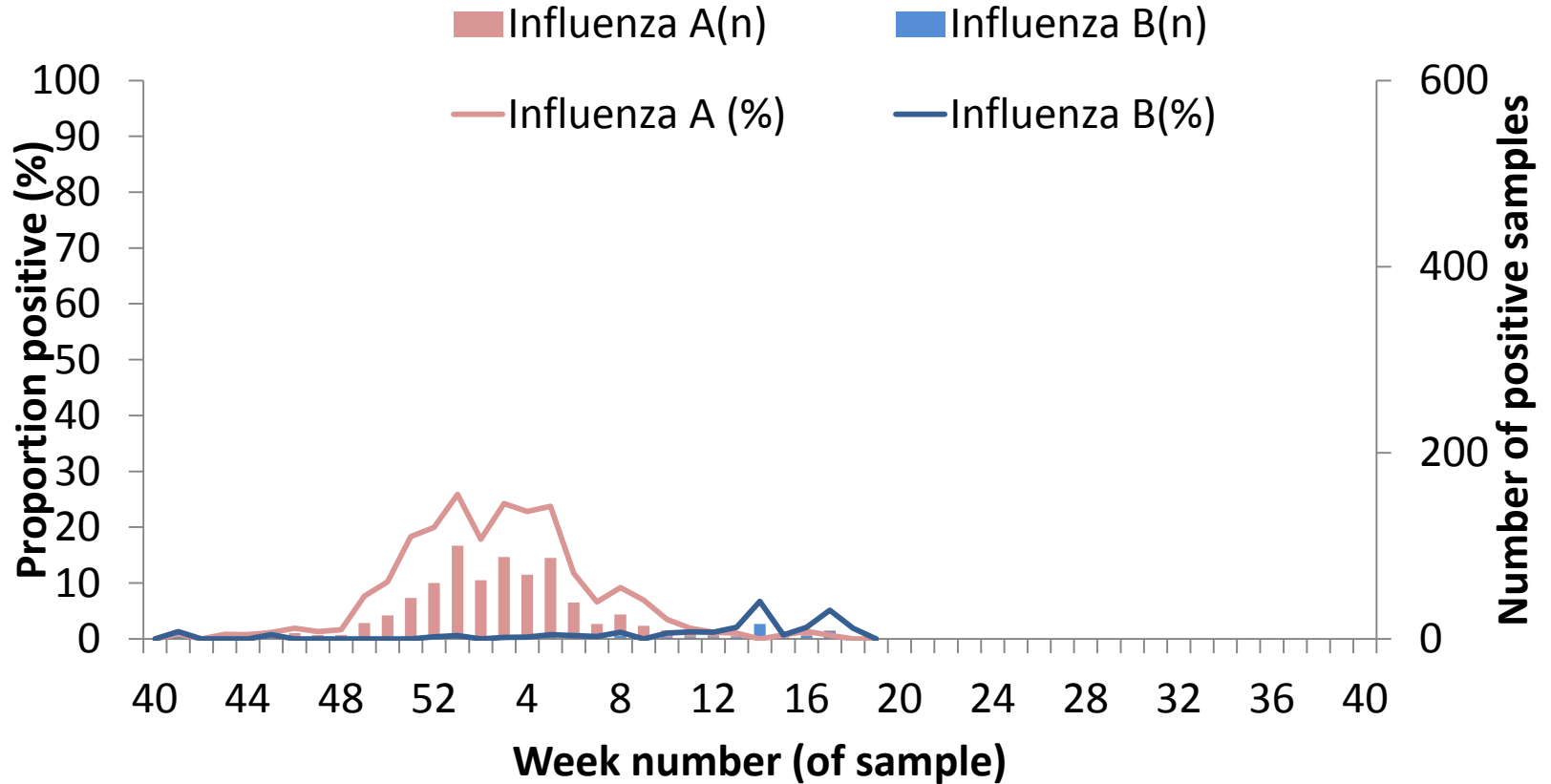


DataMart: Number and proportion of samples positive for influenza, PHE Midlands and East of England



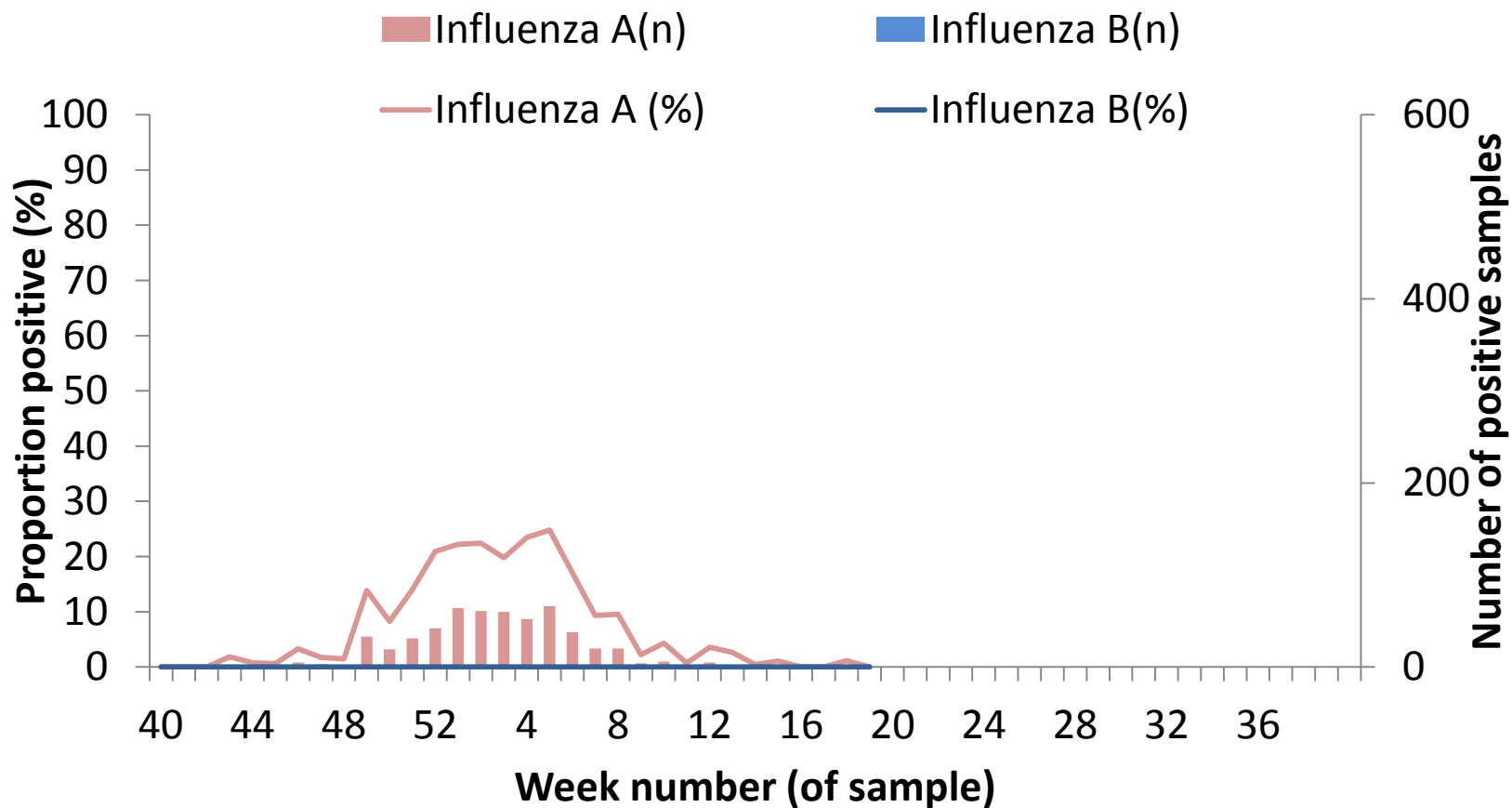


DataMart: Number and proportion of samples positive for influenza, by type, PHE London



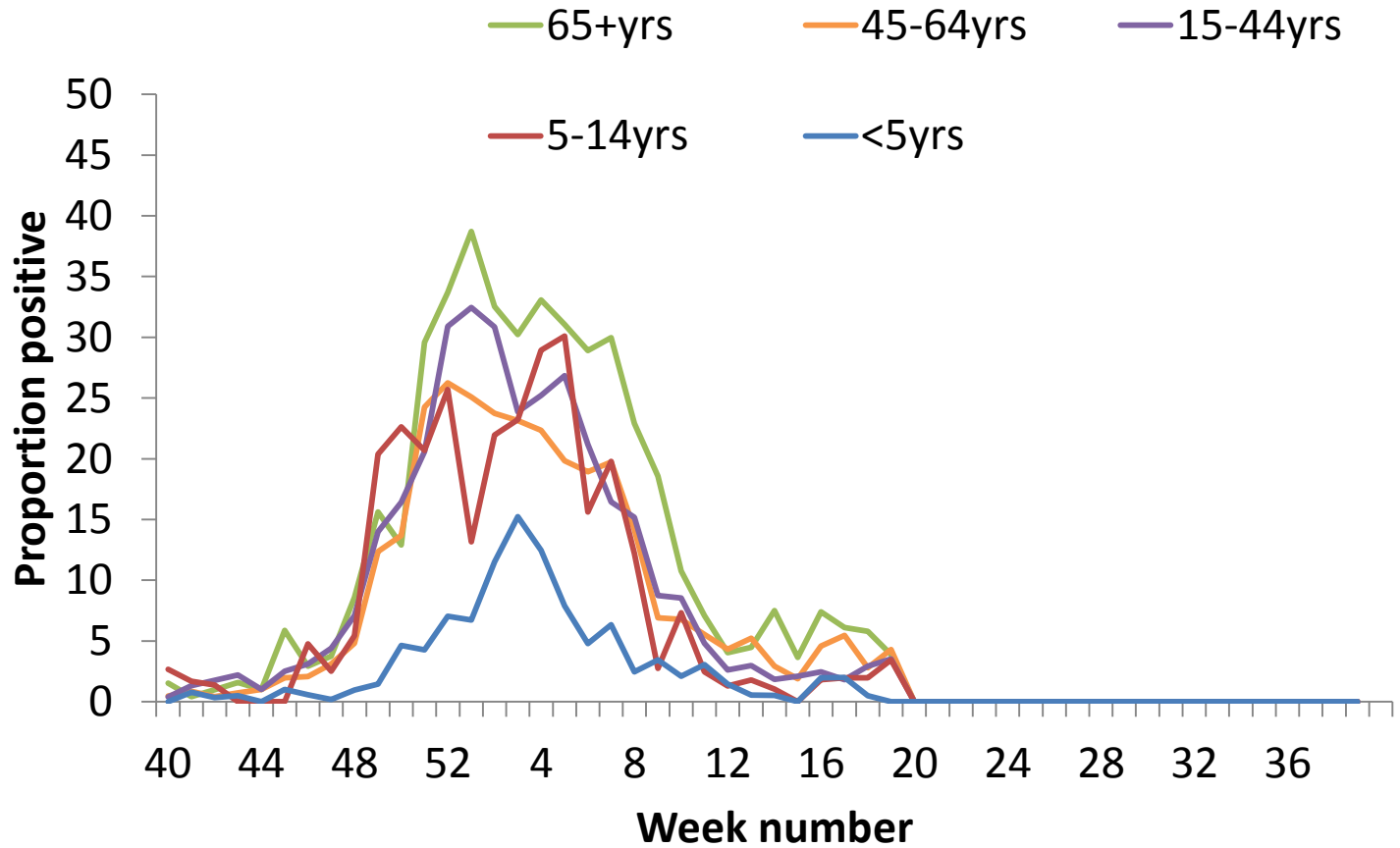


DataMart: Number and proportion of samples positive for influenza, by type, PHE South of England



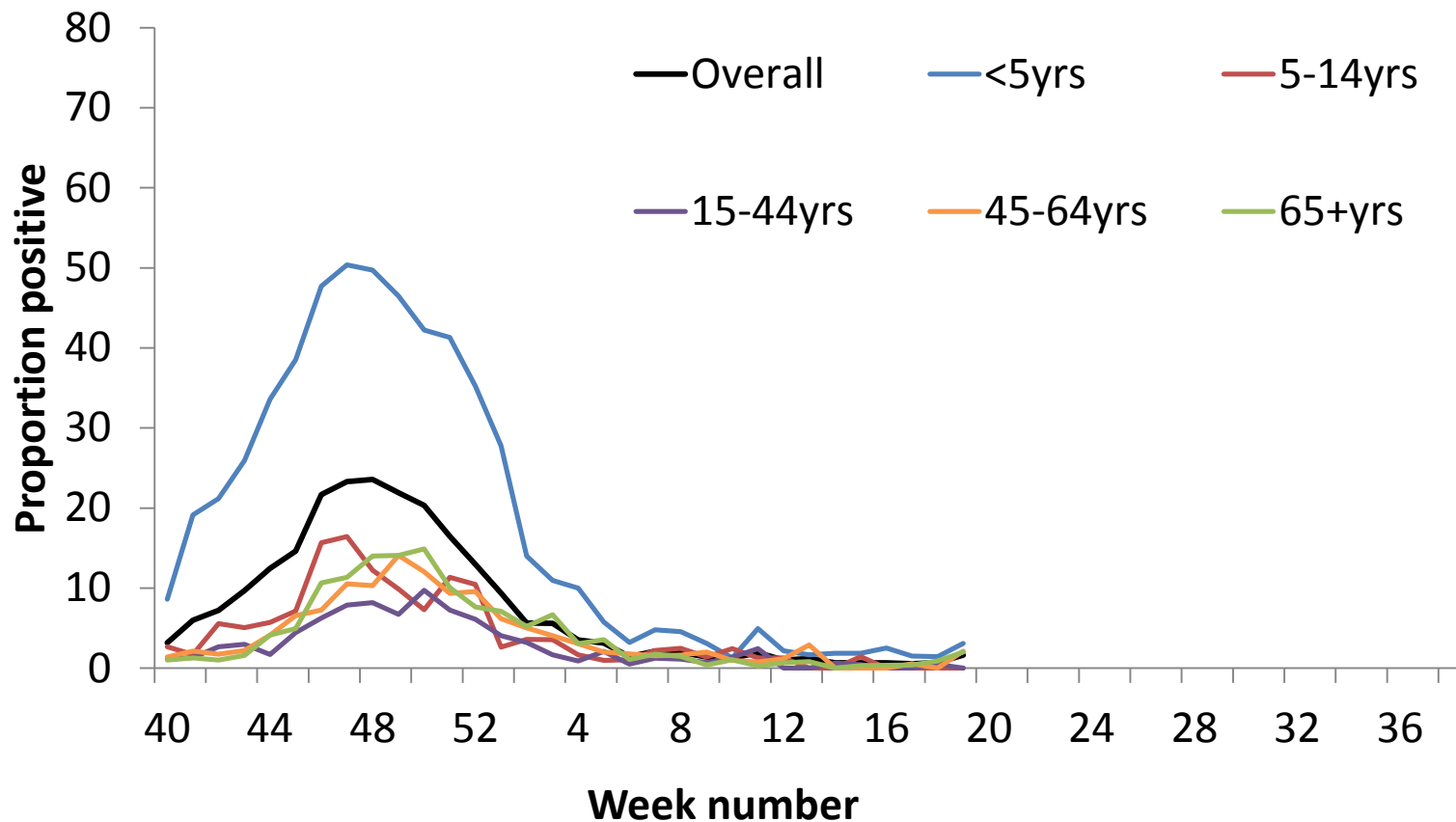


DataMart: Proportion of samples positive for influenza, by age group



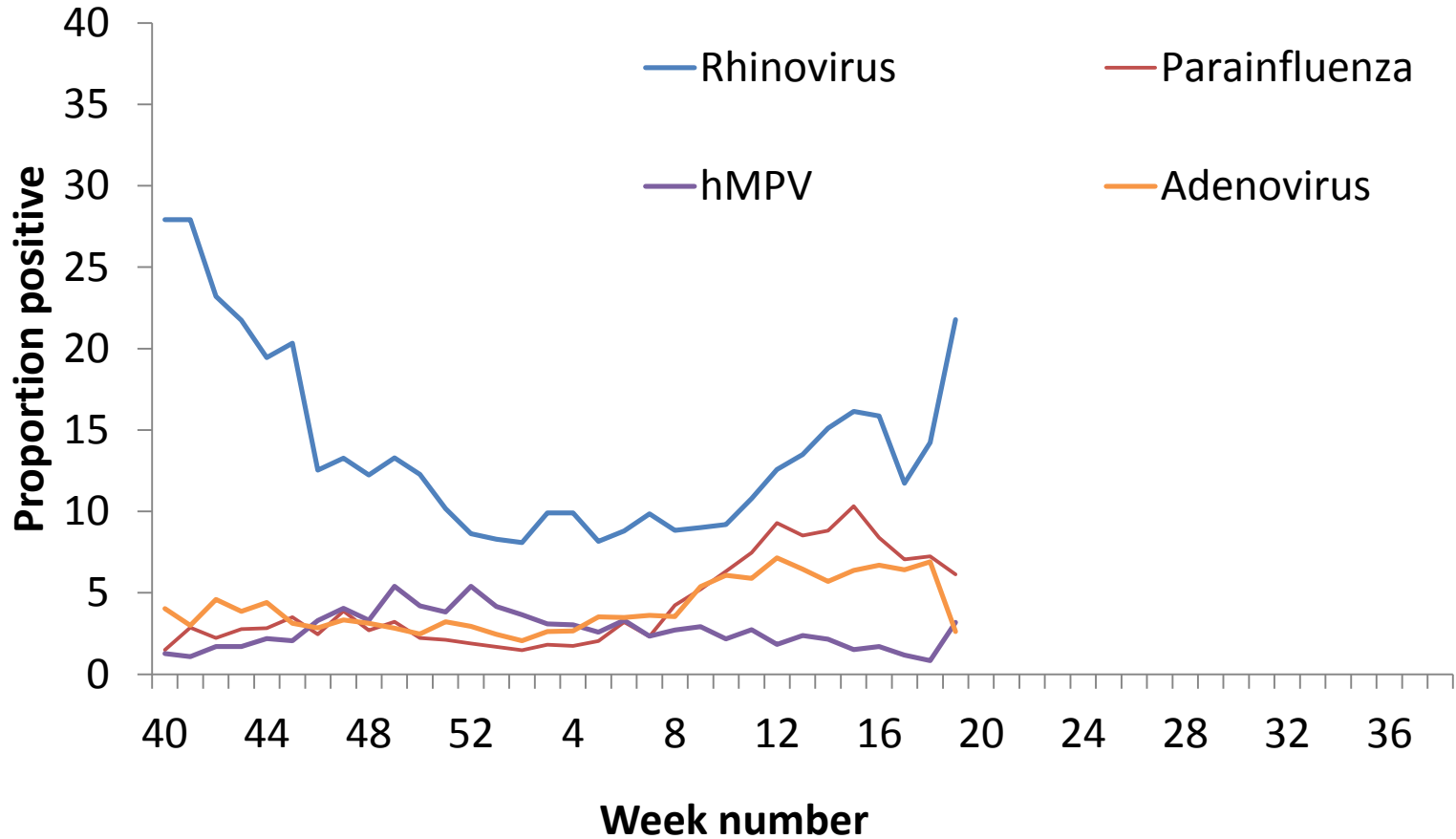


DataMart: Proportion of samples positive for RSV, by age group





DataMart: Proportion of samples positive for other viruses

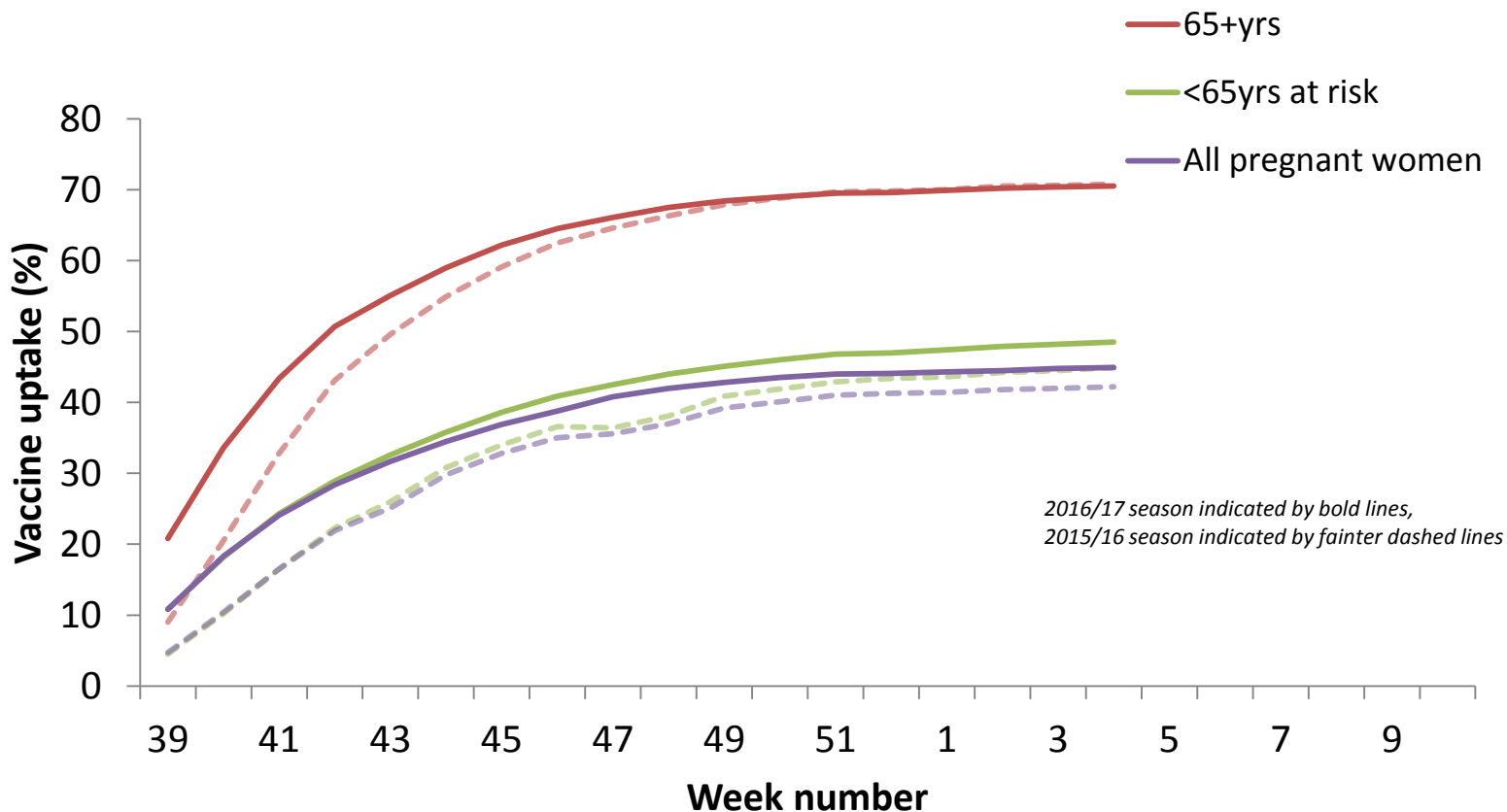




Influenza vaccination



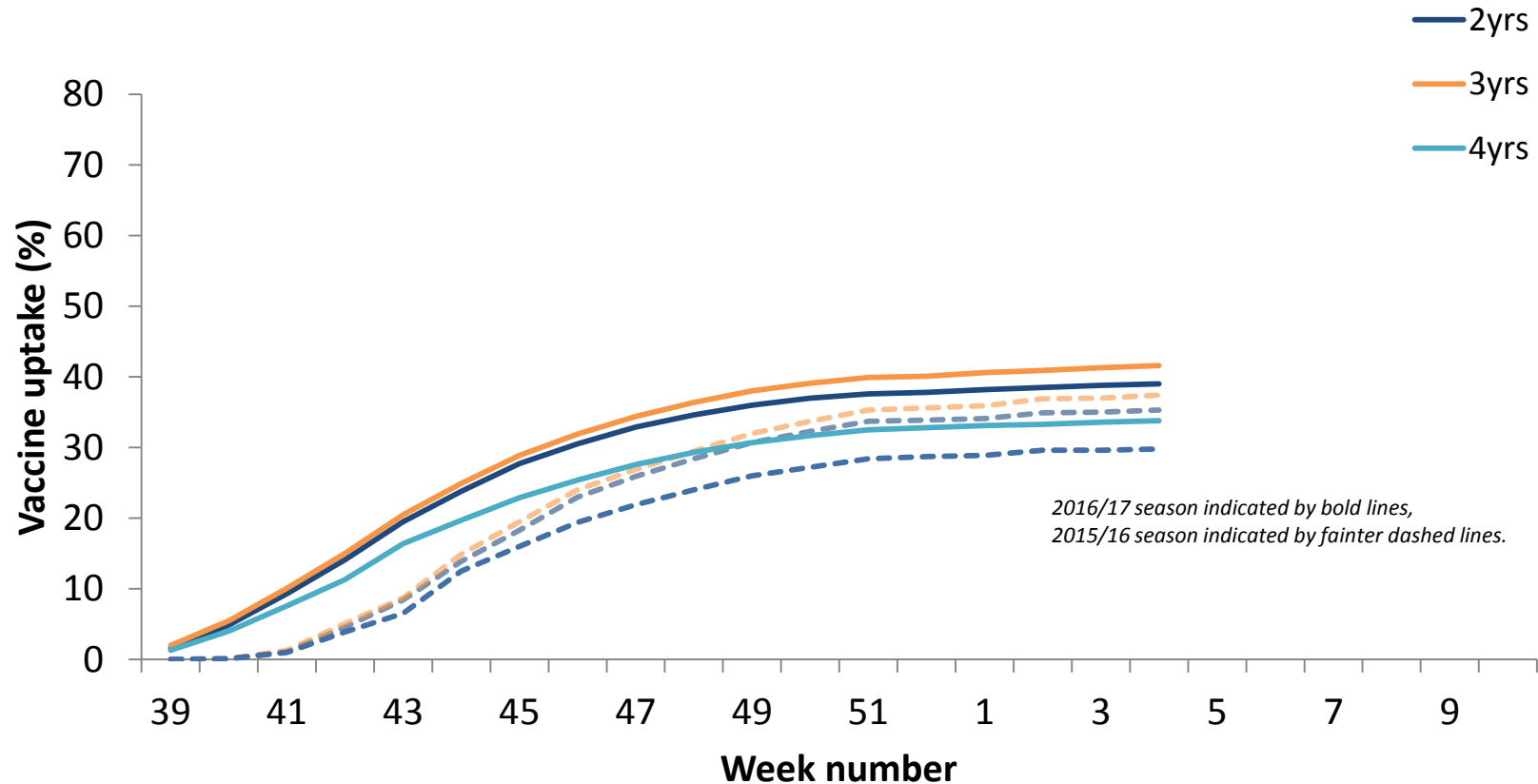
Seasonal influenza vaccine uptake in targeted groups, 2016/17, England



2016/17 season indicated by bold lines,
2015/16 season indicated by fainter dashed lines



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



2016/17 season indicated by bold lines,
2015/16 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>