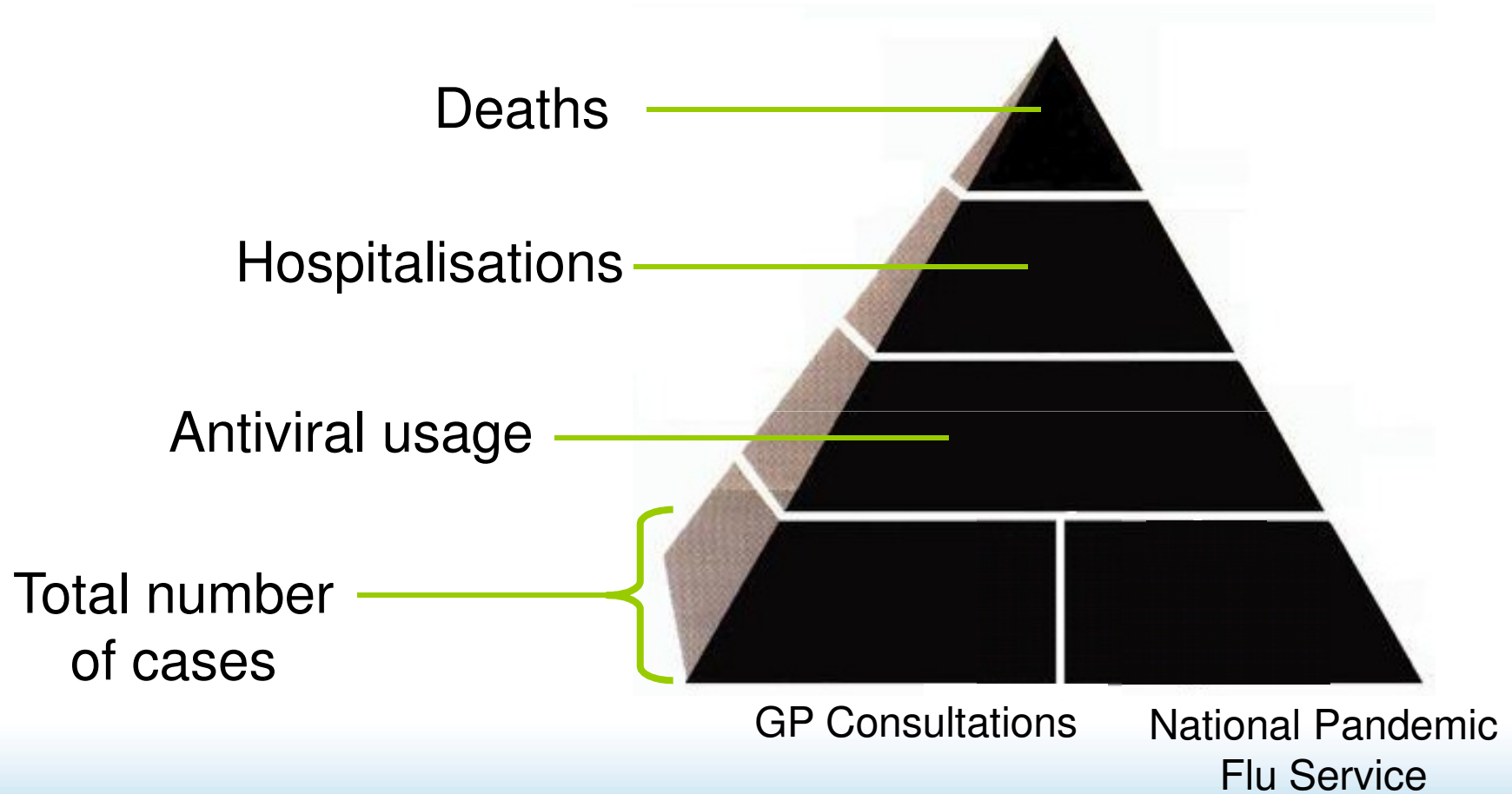


# Pandemic Influenza Weekly Situation Report

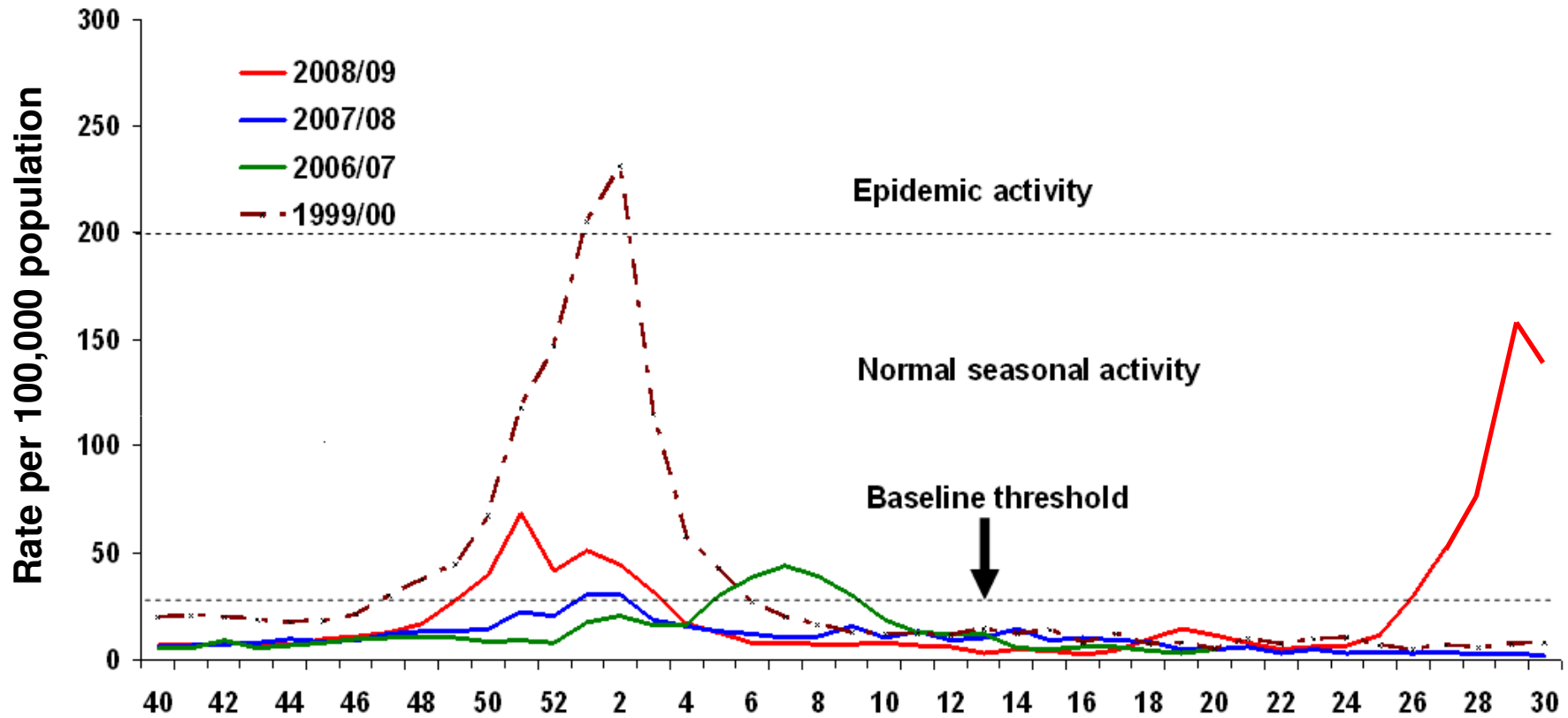
Sir Liam Donaldson  
Chief Medical Officer  
30 July 2009



# Tracking data



# Influenza-like illness: Weekly consultation rate England & Wales



Week ending 26<sup>th</sup> July: **138.2 per 100,000**

Source: RCGP, to 26 July

# Cases of swine 'flu in England

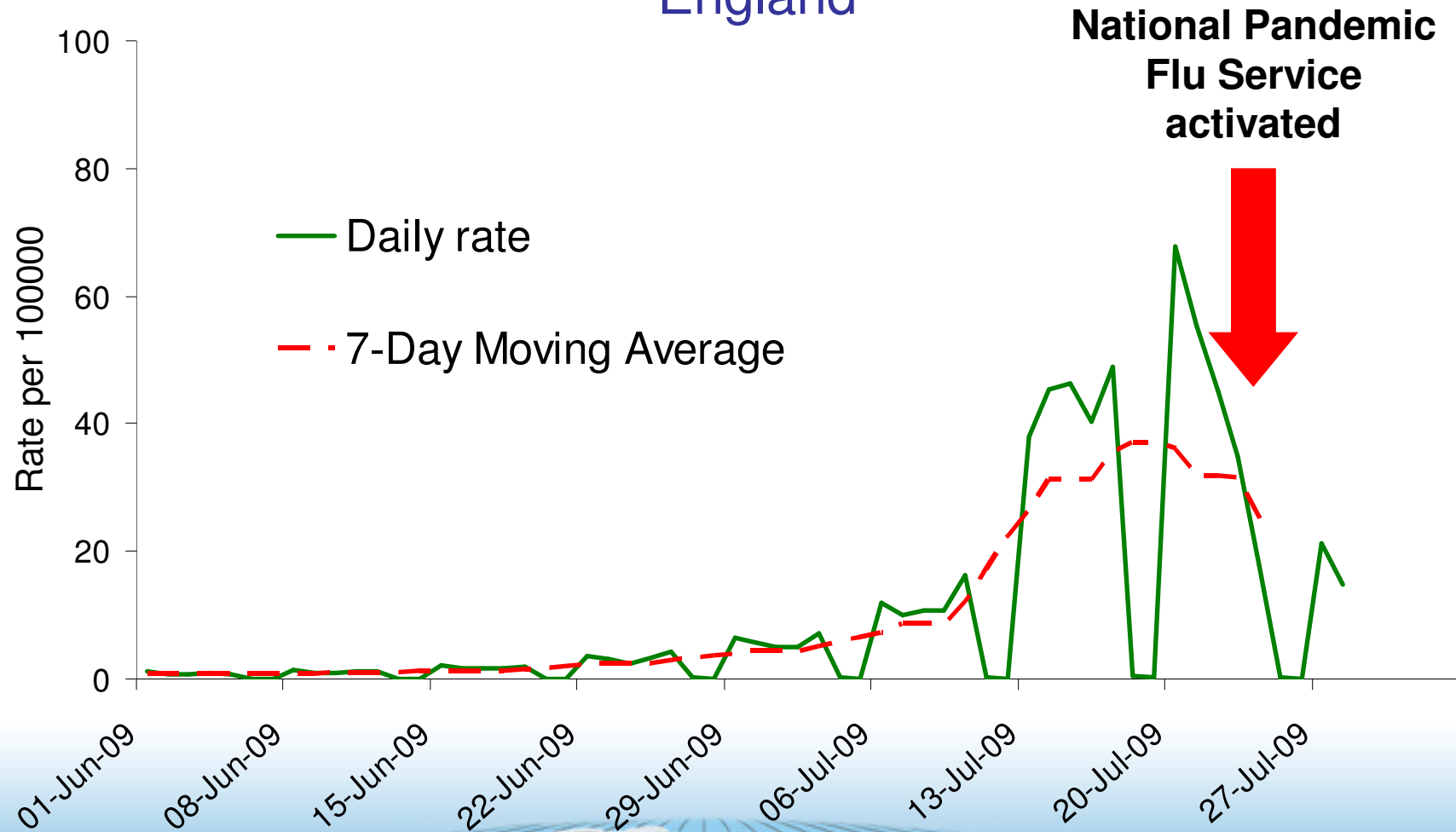
Estimated number of cases this week:

110,000



Source: Health Protection Agency

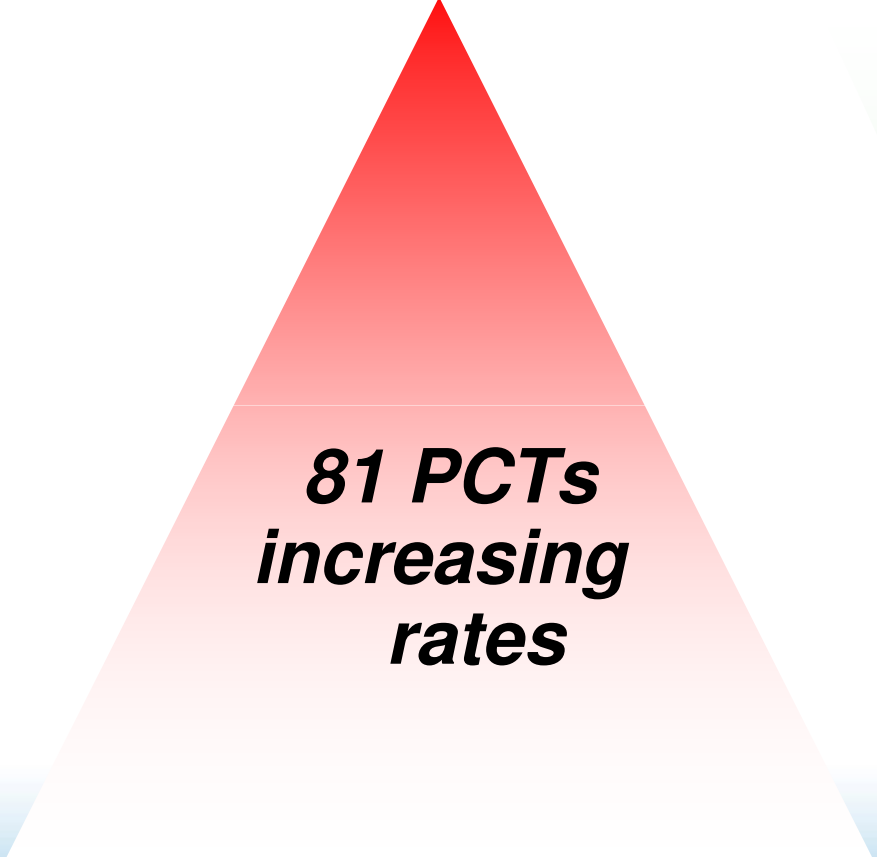
# Influenza-like illness: Daily consultation rate England



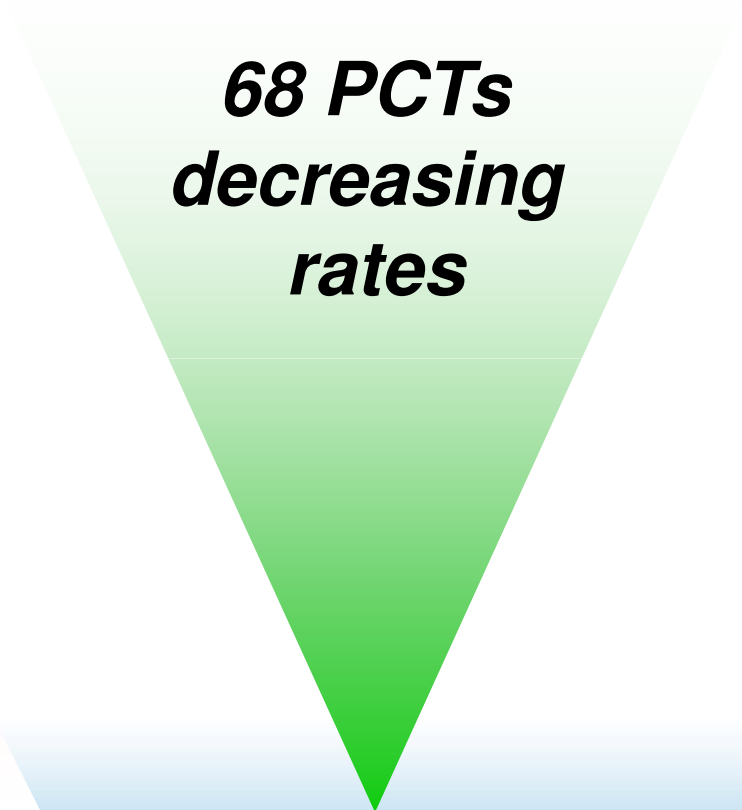
Source: QSurveillance, to 28 July

# Influenza-like illness:

Change in weekly consultation rates from last week to this week



**81 PCTs  
increasing  
rates**



**68 PCTs  
decreasing  
rates**



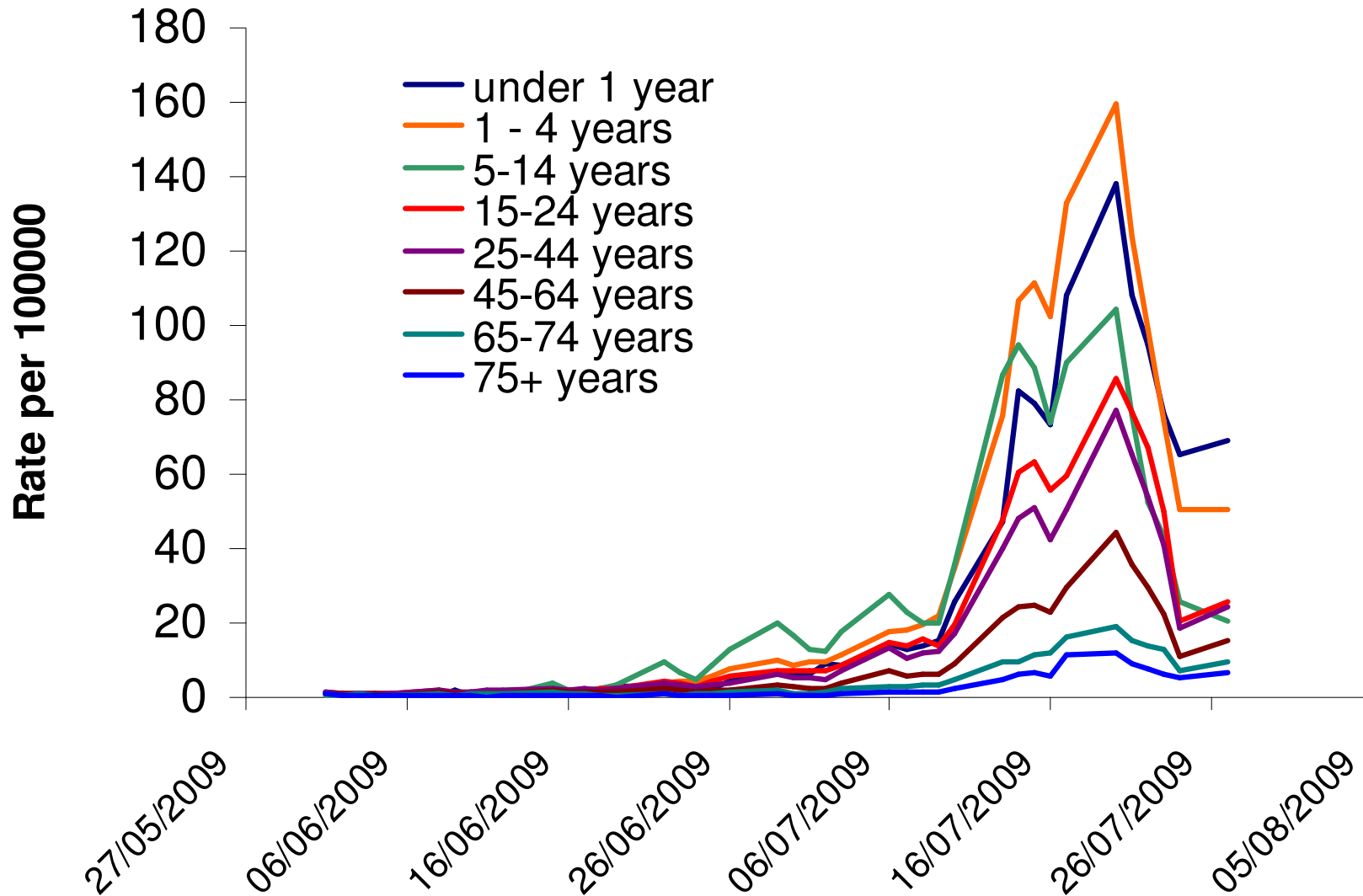
Source: QSurveillance, most recent week commencing 20<sup>th</sup> July

## Areas with the highest rates of consultations for influenza-like illness

Rank (last week)	Name of PCT	Weekly Consultations per 100,000
→ 1 (1)	Tower Hamlets	581
↑ 2 (3)	Greenwich	476
↑ 3 (-) <i>New Entry</i>	Blackburn with Darwen	422
↑ 4 (-) <i>New Entry</i>	Wakefield District	411
↑ 5 (7)	City & Hackney	408
↑ 6 (-) <i>New Entry</i>	Manchester	405
↓ 7 (2)	Islington	401
↑ 8 (-) <i>New Entry</i>	North Somerset	375
↑ 9 (-) <i>New Entry</i>	Halton & St Helens	374
↓ 10 (5)	Telford & Wrekin	366

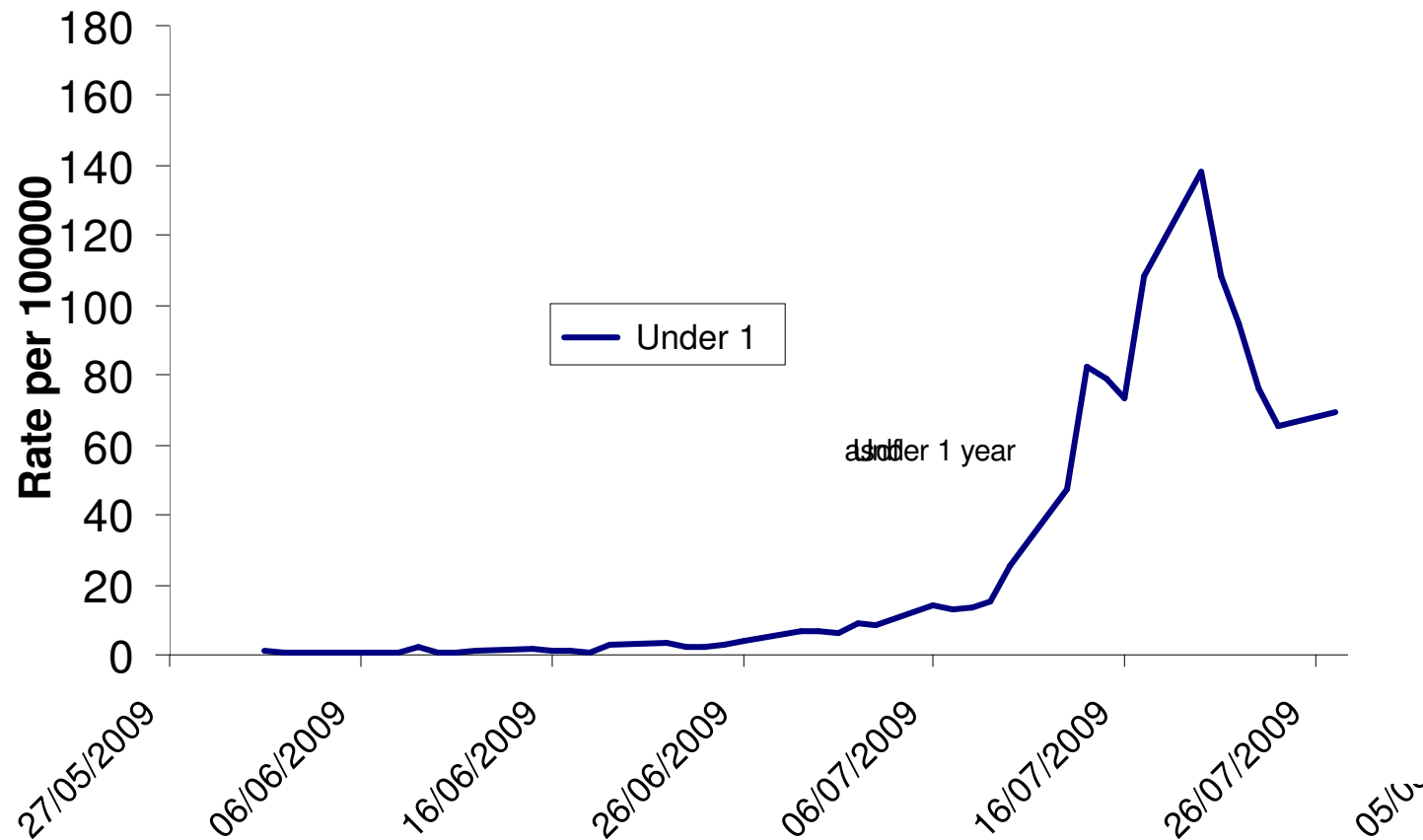
Source: QSurveillance, week ending 26 July

# Influenza-like illness: Daily consultation rate England by age



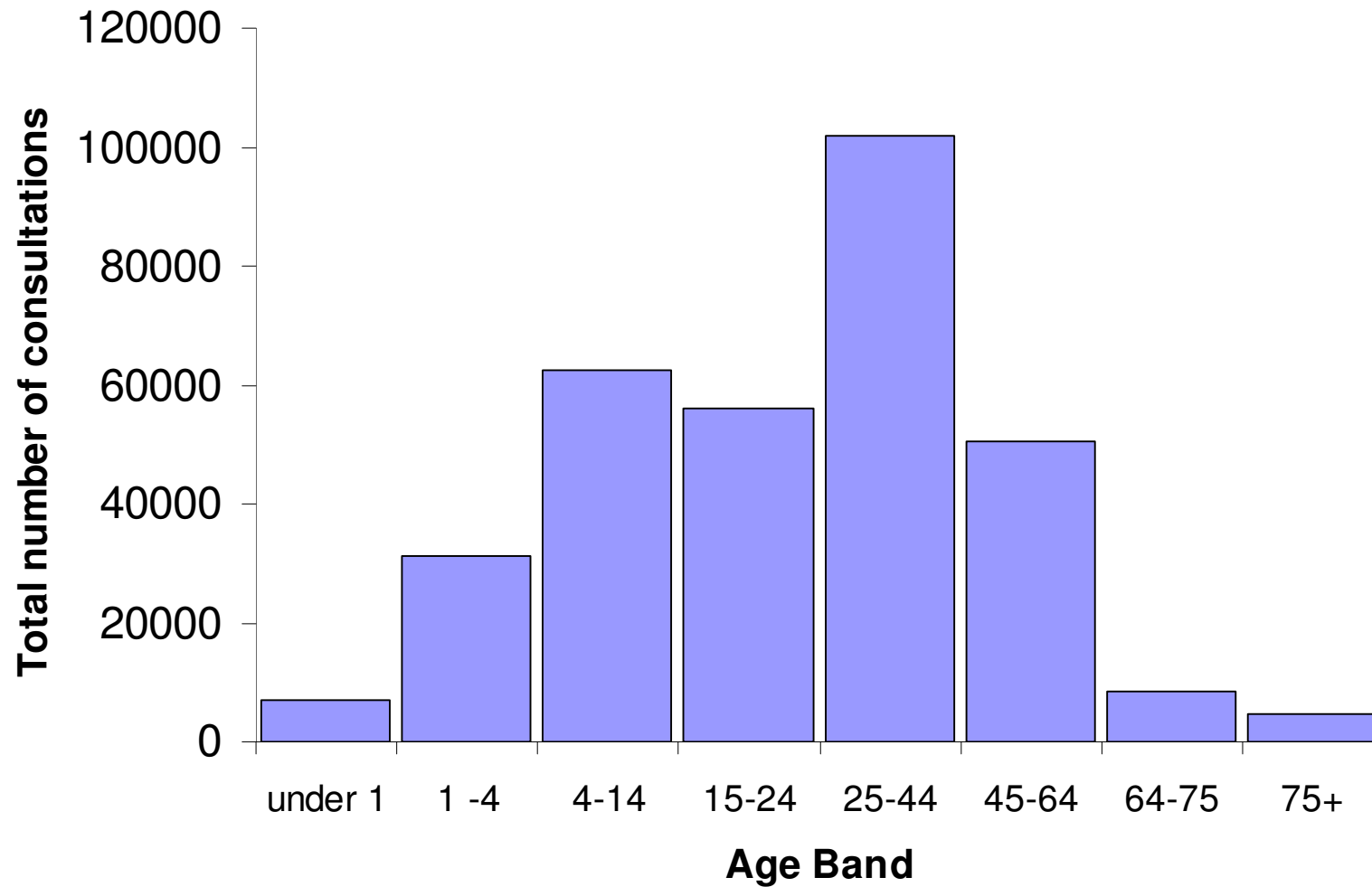
Source: QSurveillance, to 27 July

# Influenza-like illness: Daily consultation rate England by age



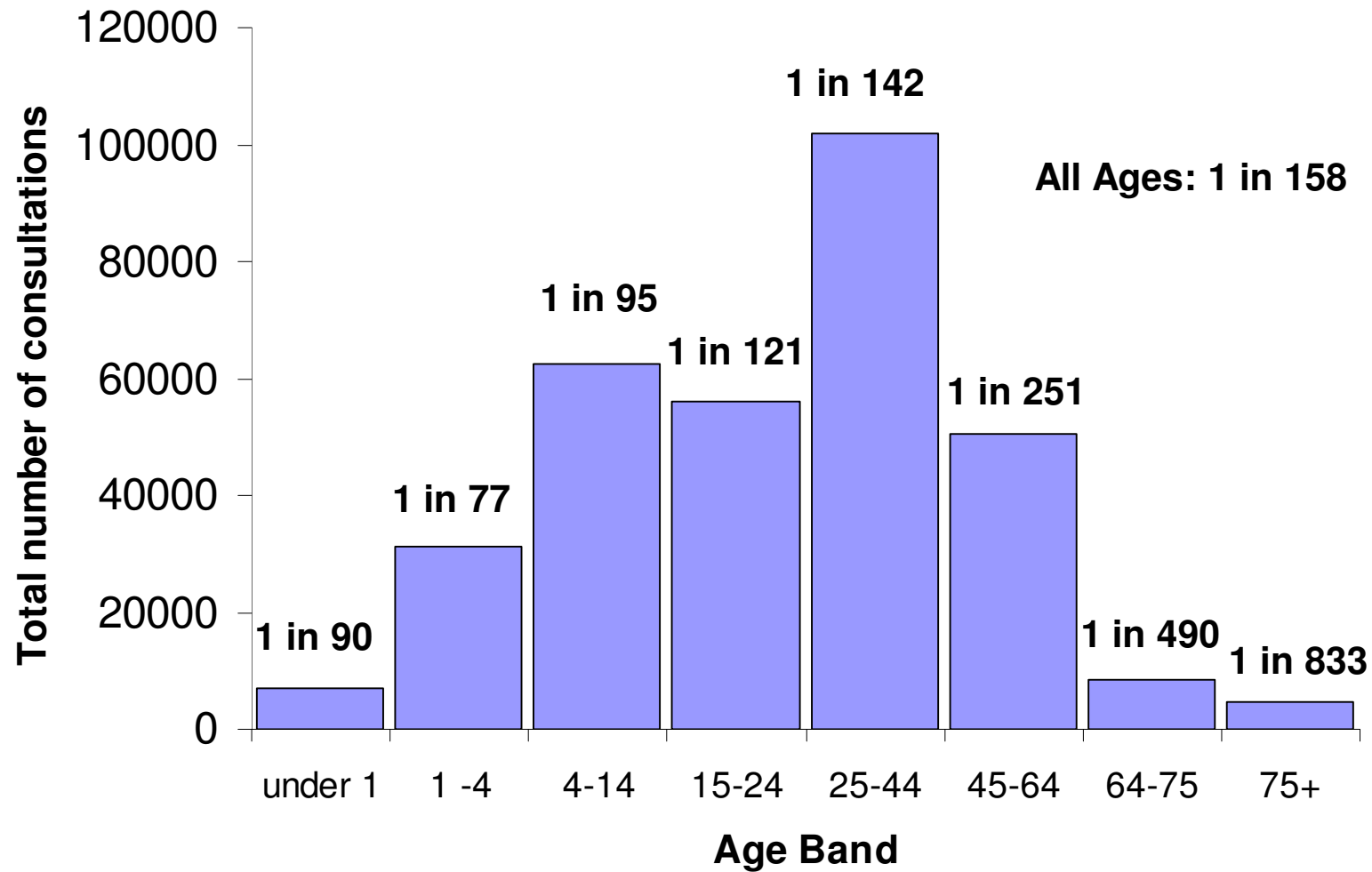
Source: QSurveillance, to 27 July

# Cumulative number of GP consultations by age group



Source: QSurveillance, to 27 July

# Cumulative number of GP consultations by age group

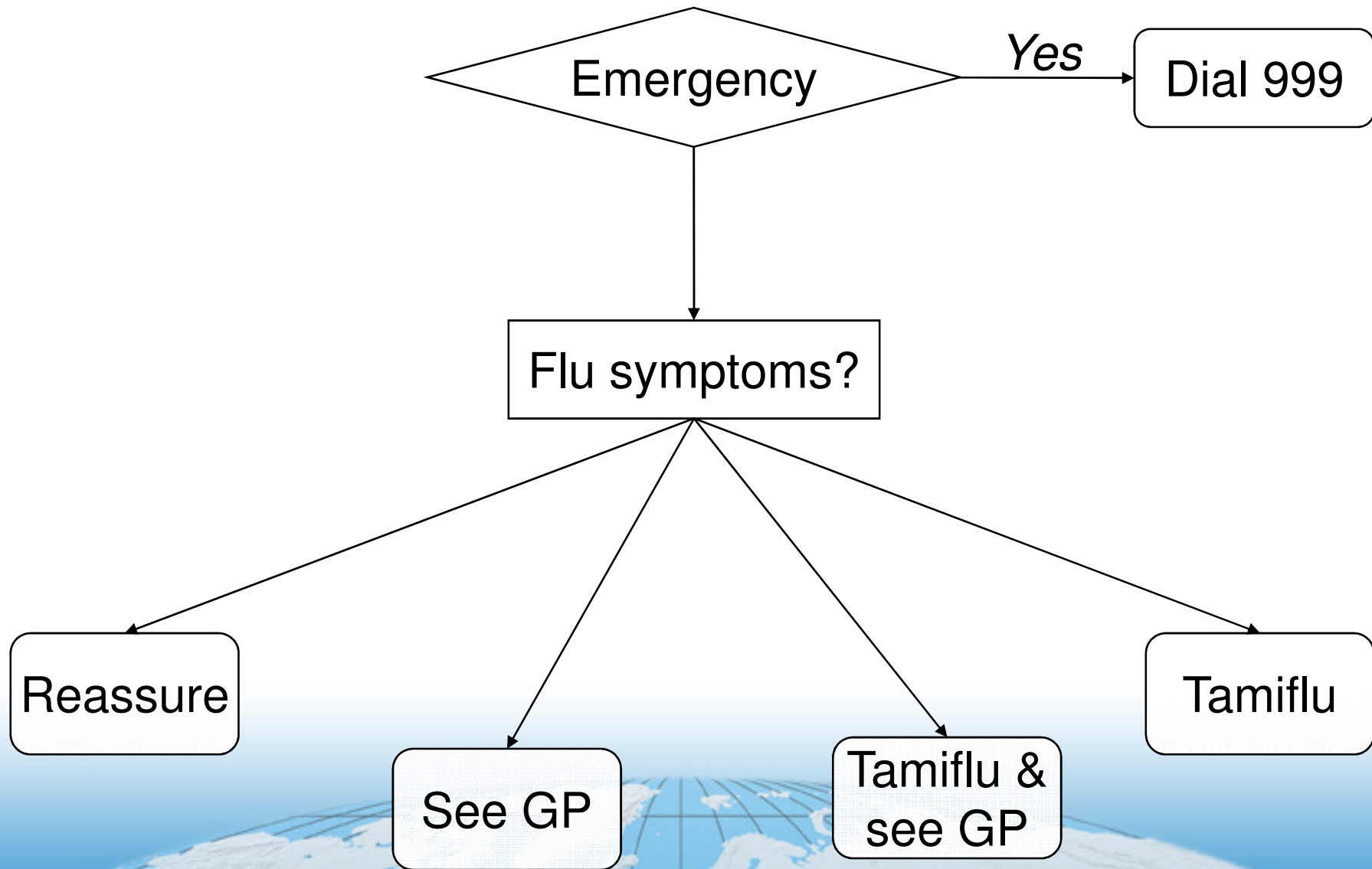


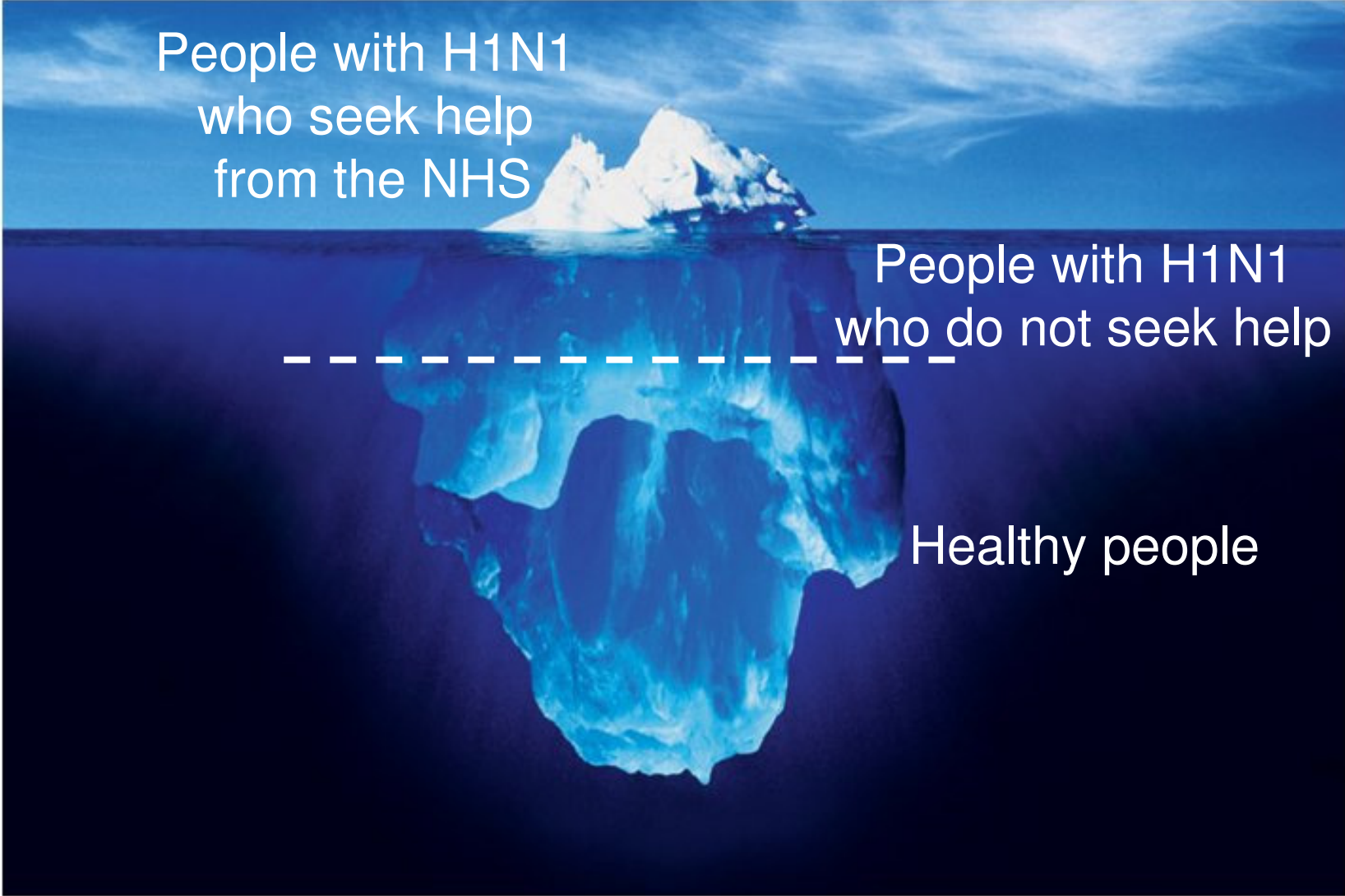
Source: QSurveillance, to 27 July

**NATIONAL  
PANDEMIC FLU  
SERVICE**



# Self care assessment





People with H1N1  
who seek help  
from the NHS

The image features a large iceberg floating in a blue ocean. The tip of the iceberg is above the water line, while the vast majority of the iceberg is submerged. A horizontal dashed white line marks the water level. The sky is a clear blue with some light clouds. The overall scene is used as a metaphor for the visibility of H1N1 cases.

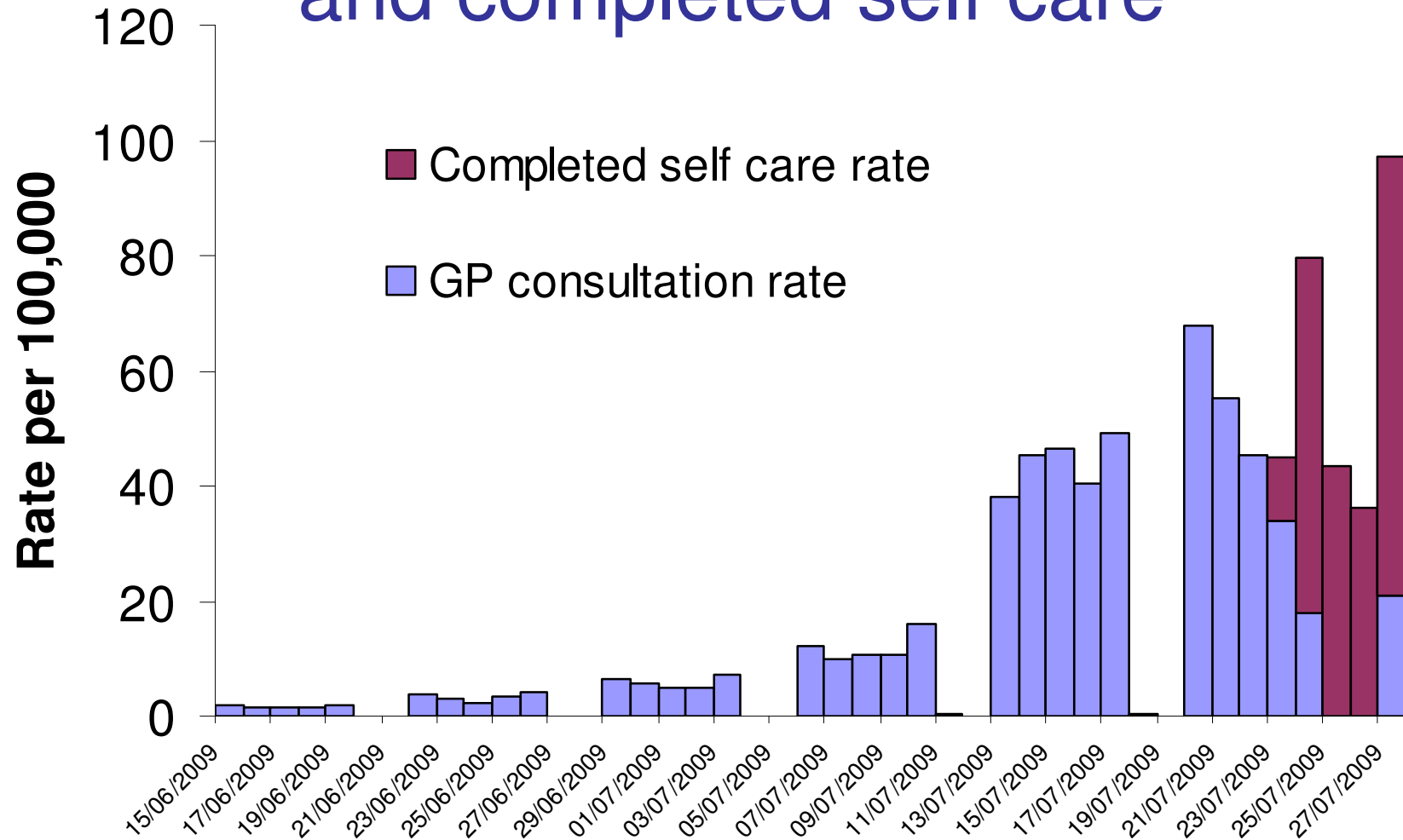
People with H1N1  
who do not seek help

Healthy people



A partial view of a globe showing the continents of North and South America, positioned at the bottom of the slide.

# GP consultations and completed self care



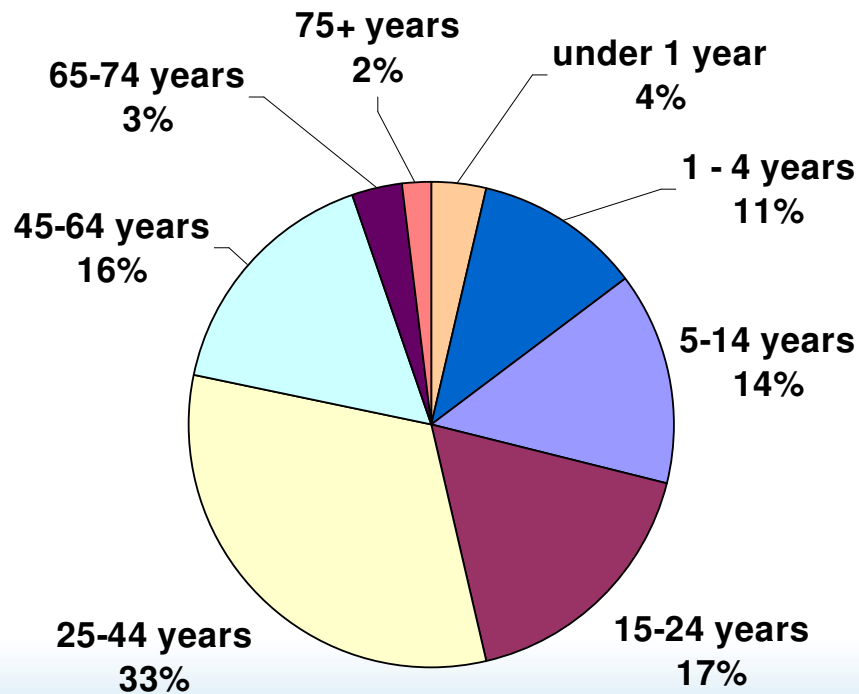
Source: QSurveillance and NPFS, to 27 July

# Areas with the highest rates of completed self care

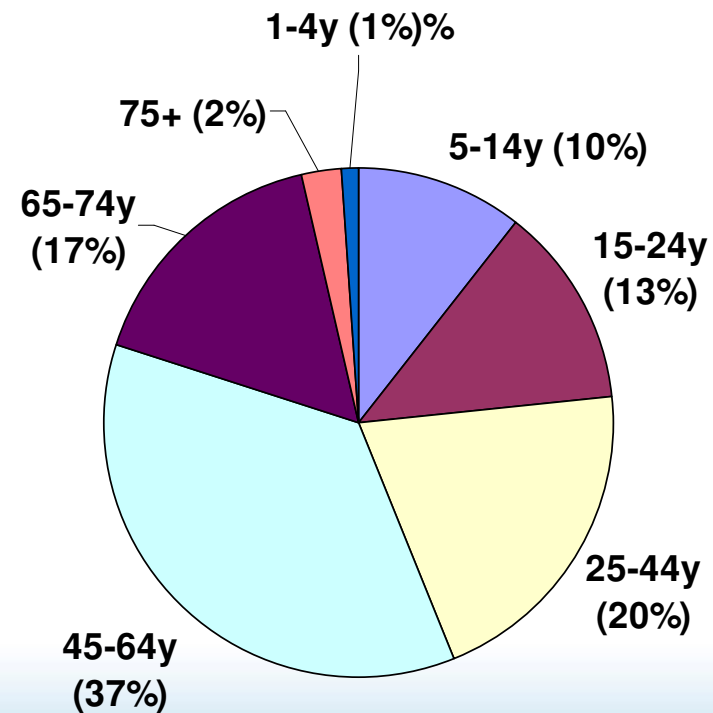
Rank	Name of PCT	Consultations per 100,000
1	Darlington	798
2	Blackburn With Darwen	793
3	Blackpool	705
4	Trafford	658
5	Middlesbrough	560
6	South Gloucestershire	535
7	Bolton	529
8	Harrow	505
9	Nottingham City	502
10	Hammersmith and Fulham	495

Source: NPFS, 24<sup>th</sup>-27<sup>th</sup> July

# Volume of patients by age, 24-28 July 2009



GP consultations

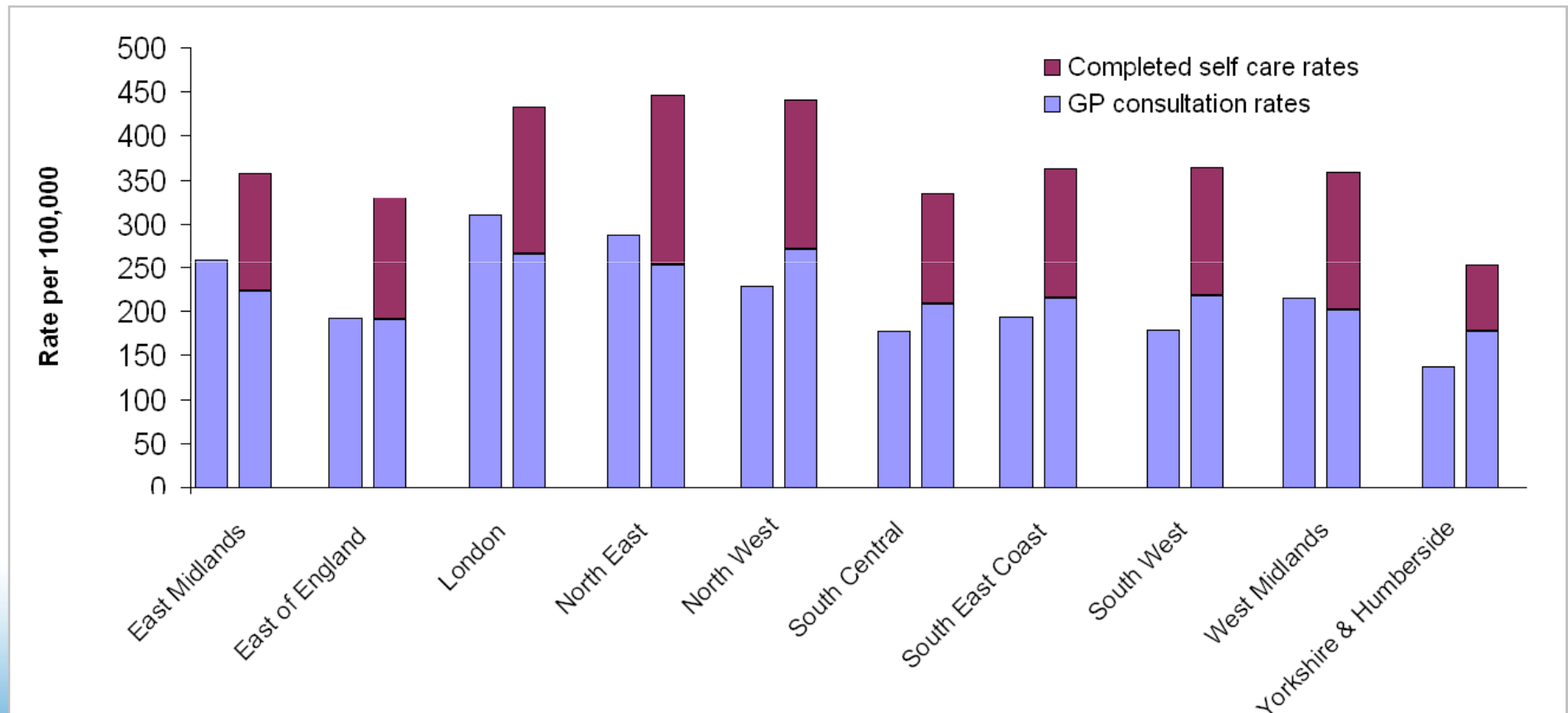


Completed self care

Source: NPFS, QSurveillance

# This week compared to last week

## GP consultations and completed self care



Source: QSurveillance and NPFS, most recent week commencing 20th July

# Demand on services



# Hospitalised patients

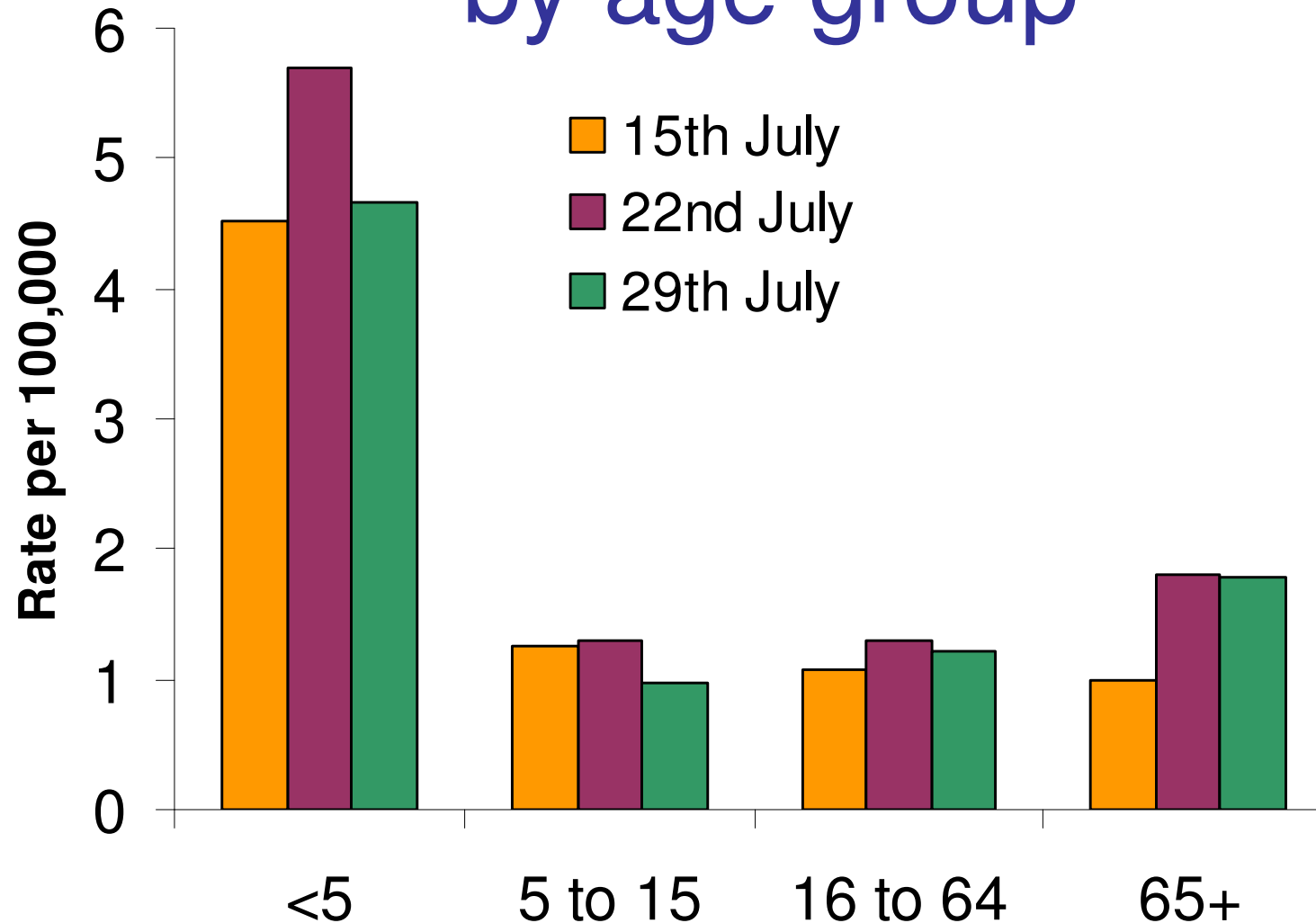
## England

Age group (years)	< 5	5-15	16-64	65+	Total
Total number of patients in hospital	138	65	399	144	746
Number of patients in critical care	5	4	57	15	81

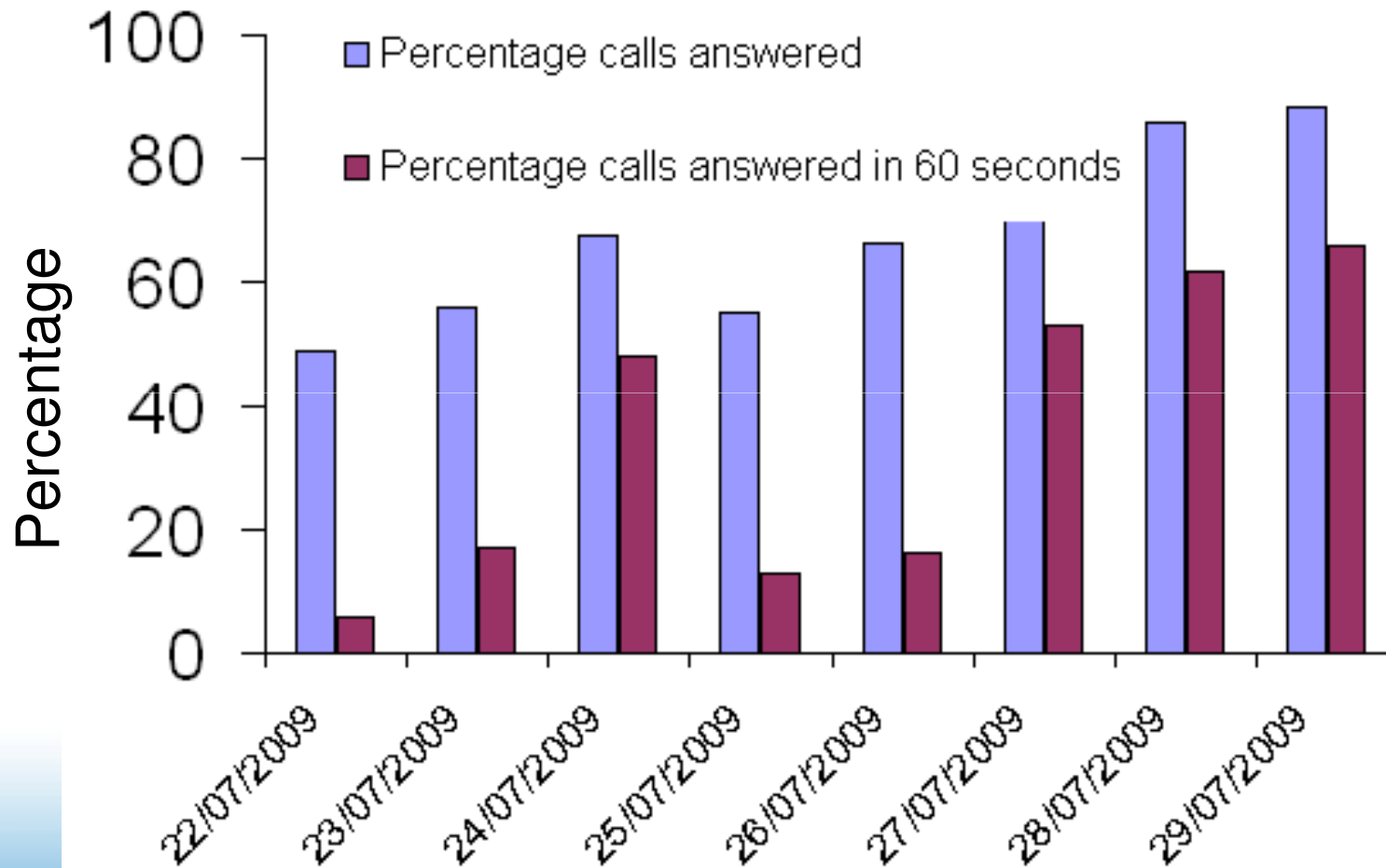


At 29 July 0800

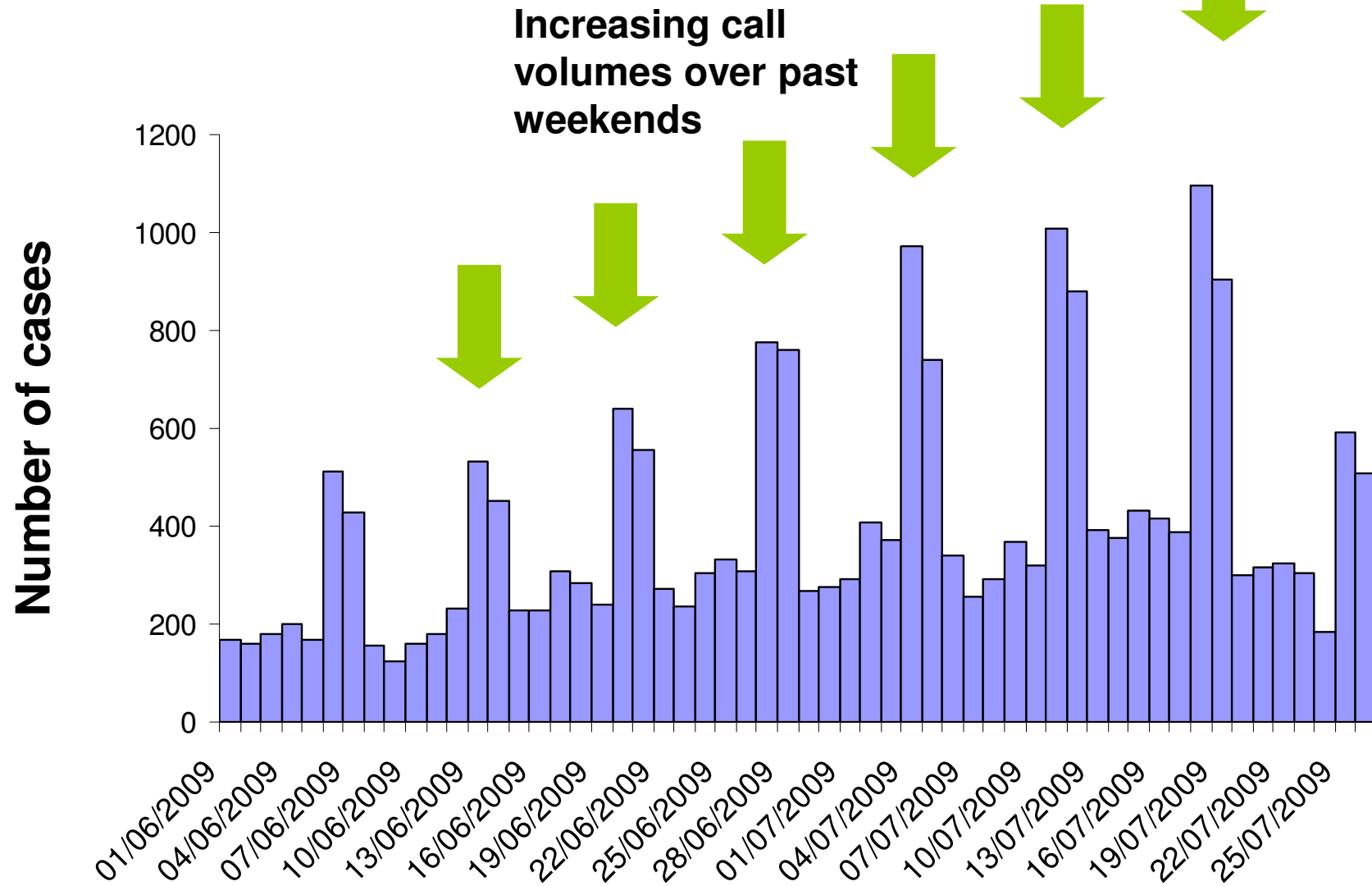
# Hospitalisation ratios by age group



# NHS direct activity

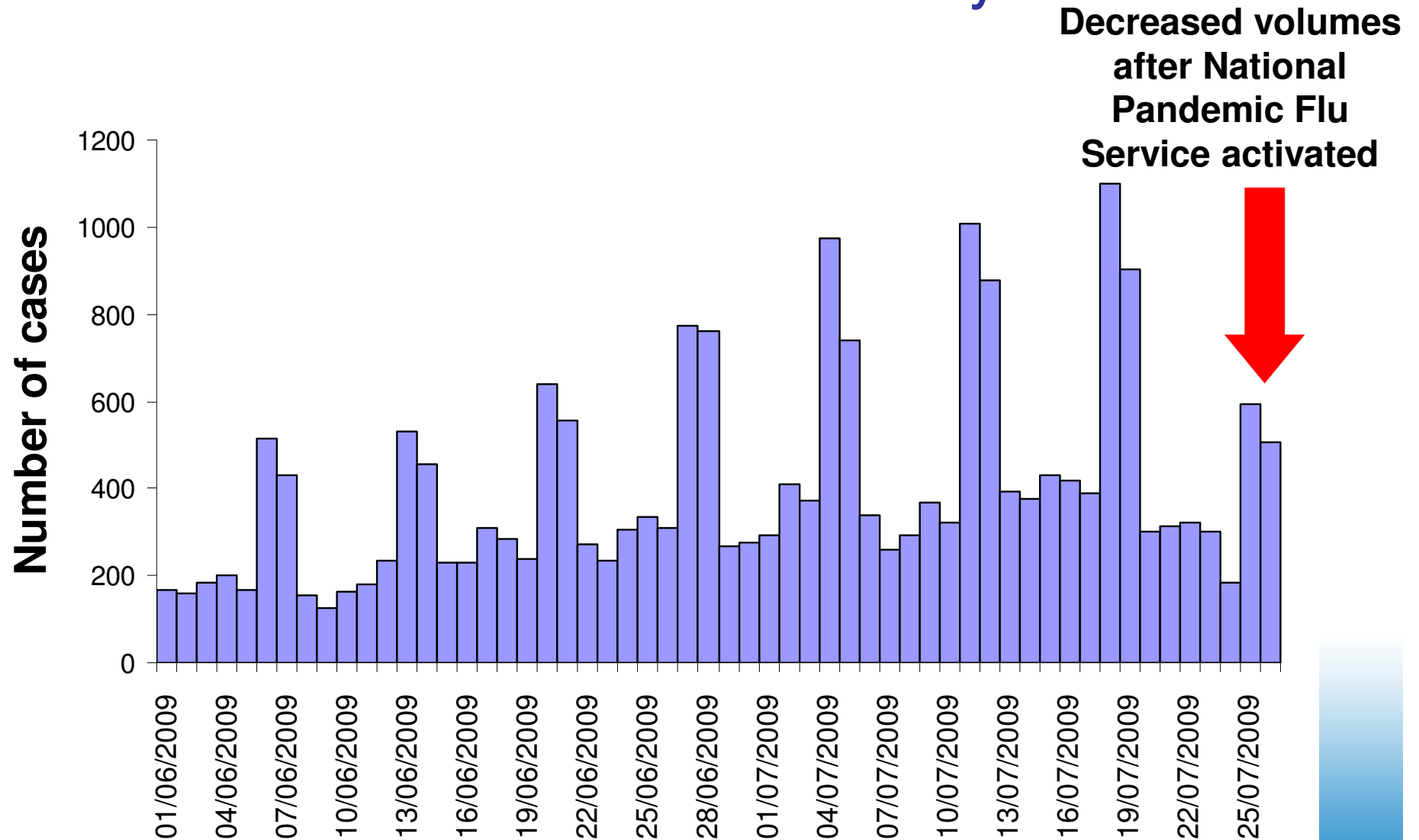


# Impact of National Pandemic Flu Service: London area June-July



Source: Camidoc (Islington, Haringey, Camden and Hackney)

# Impact of National Pandemic Flu Service: London area June-July



Source: Camidoc (Islington, Haringey, Camden and Hackney)



# Influenza deaths



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Chief Medical Officer's  
Confidential  
Investigation  
of H1N1v deaths  
in England

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# Definition of a swine 'flu related death

- Death caused directly by swine 'flu  
(part I of death certificate)
- Swine 'flu contributed to death  
(part II of death certificate)

*AND/OR*

- Patient tested positive for swine 'flu

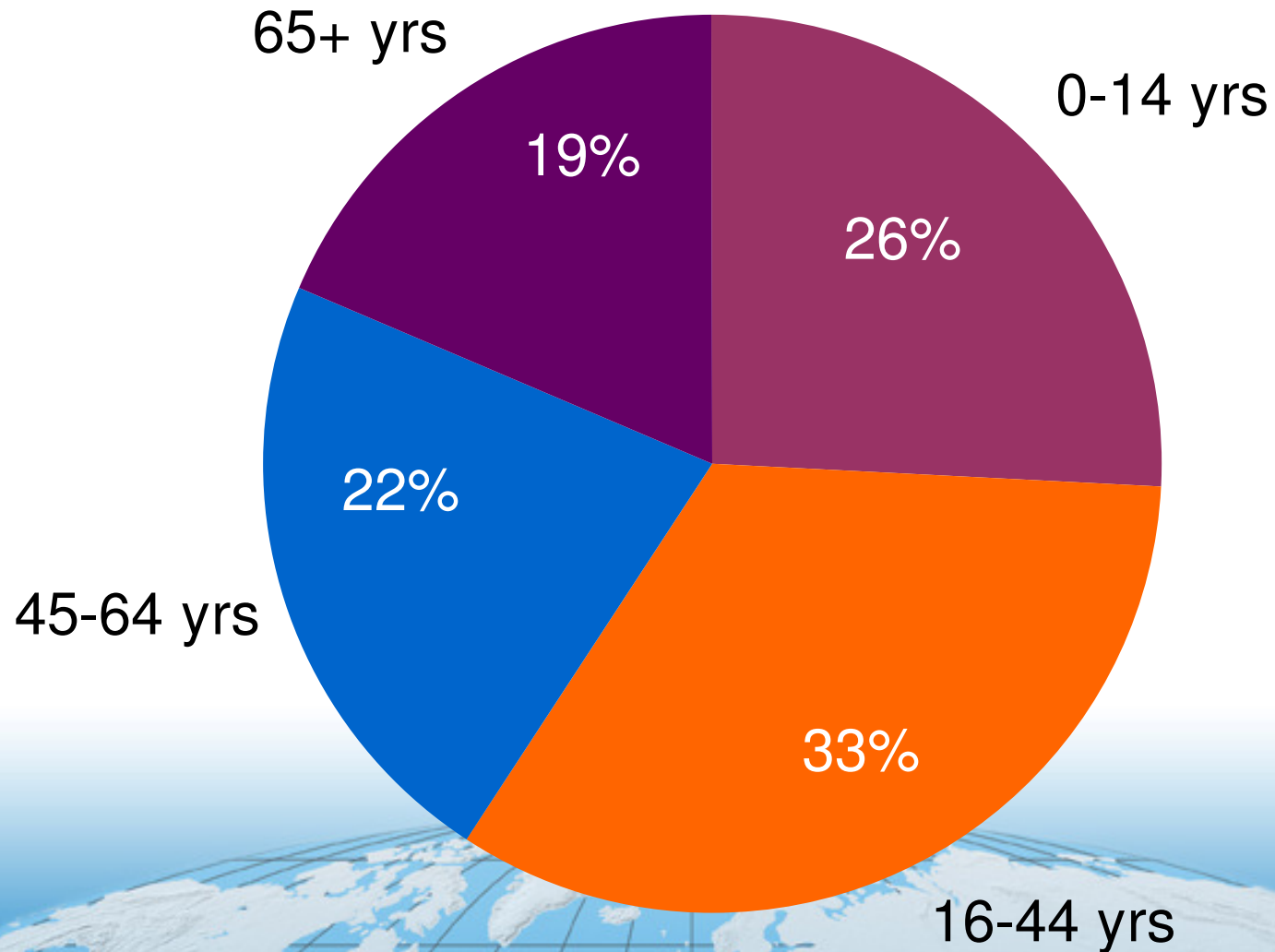


# Deaths related to swine 'flu in England

Total number of confirmed deaths during the outbreak	27
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# Age distribution of fully investigated deaths

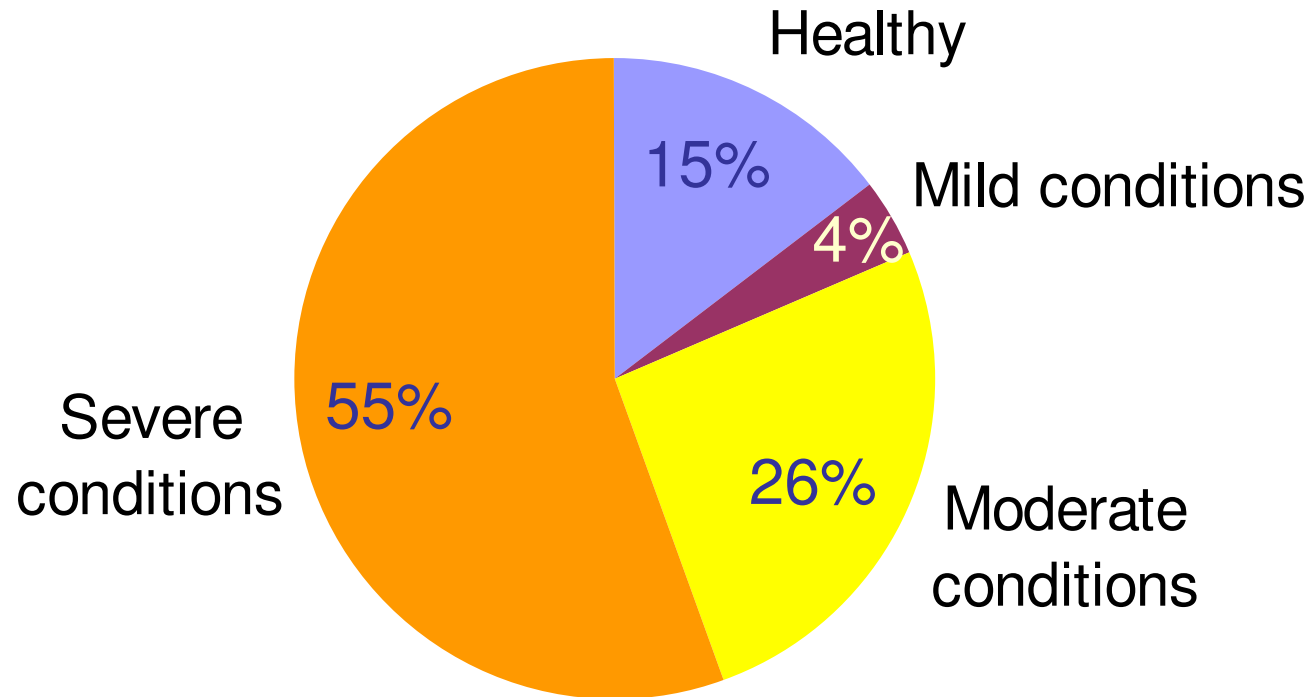


# Classification of underlying conditions

## General examples

Healthy	No medical conditions, no medication
Mild conditions	High blood pressure, controlled by tablets
Moderate conditions	Diabetes, controlled by insulin
Severe conditions	Leukaemia

# Underlying conditions information for fully investigated deaths



# Summary

- Consultations for influenza like illness falling
- Extensive use of National Pandemic Flu Service
- Demand on local NHS services relieved
- No worsening in severity

