



Director's Update Brief novel 2009-H1N1

**Tuesday
4 AUG 2009 0815 EDT**

**Day 109
Week of School Guidance and Intensifying Media**



novel 2009-H1N1 – 4 AUG 2009

- **Key events:**
 - novel 2009-H1N1 Declarations
 - WHO: Pandemic Phase 6 (11 JUN 2009 1600 EDT)
 - Outbreaks in at least one country in > two WHO regions
 - USG: Public Health Emergency declared (26 Apr 2009)
 - Renewed by HHS Secretary Kathleen Sebelius
 - HHS: Downgraded to Phase 1 – Awareness (9 May 2009)
- **US Cases** (as of 30 July 2009; next update 7 August 2009)
- **No longer reporting total cases.**

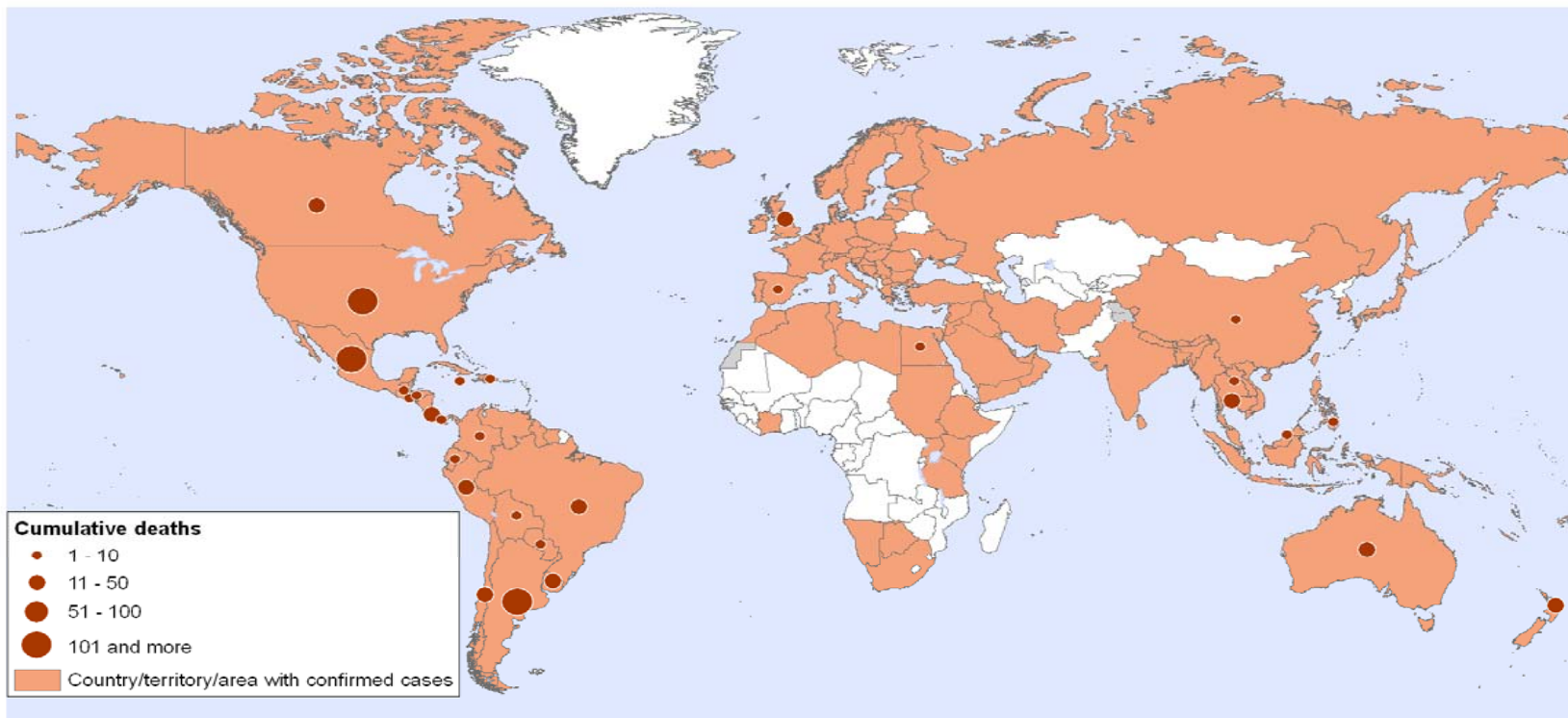
US TOTALS	HOSP	DEATHS
CASES	5,514	353
SLTTs AFFECTED	47	28

International Global Update

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- As of July 27, WHO reports 134,503 cases and 816 deaths
- Countries no longer required to test and report so numbers are underestimate

Pandemic (H1N1) 2009, *Status as of 22 July 2009*
Countries, territories and areas with lab confirmed cases and number of deaths as reported to WHO



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

Map produced: 24 July 2009 10:00 GMT

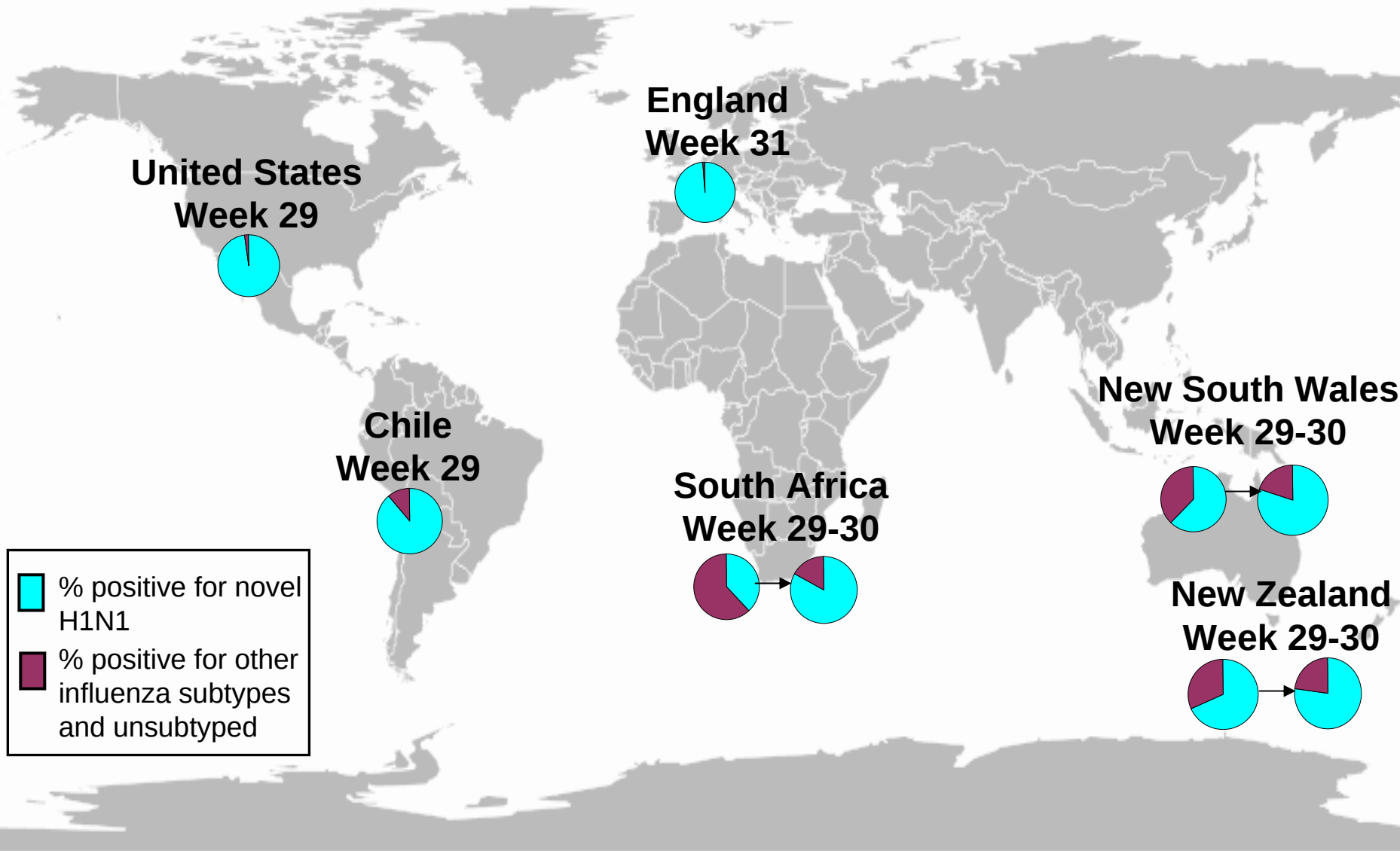
Data Source: World Health Organization
 Map Production: Public Health Information
 and Geographic Information Systems (GIS)
 World Health Organization



**World Health
Organization**

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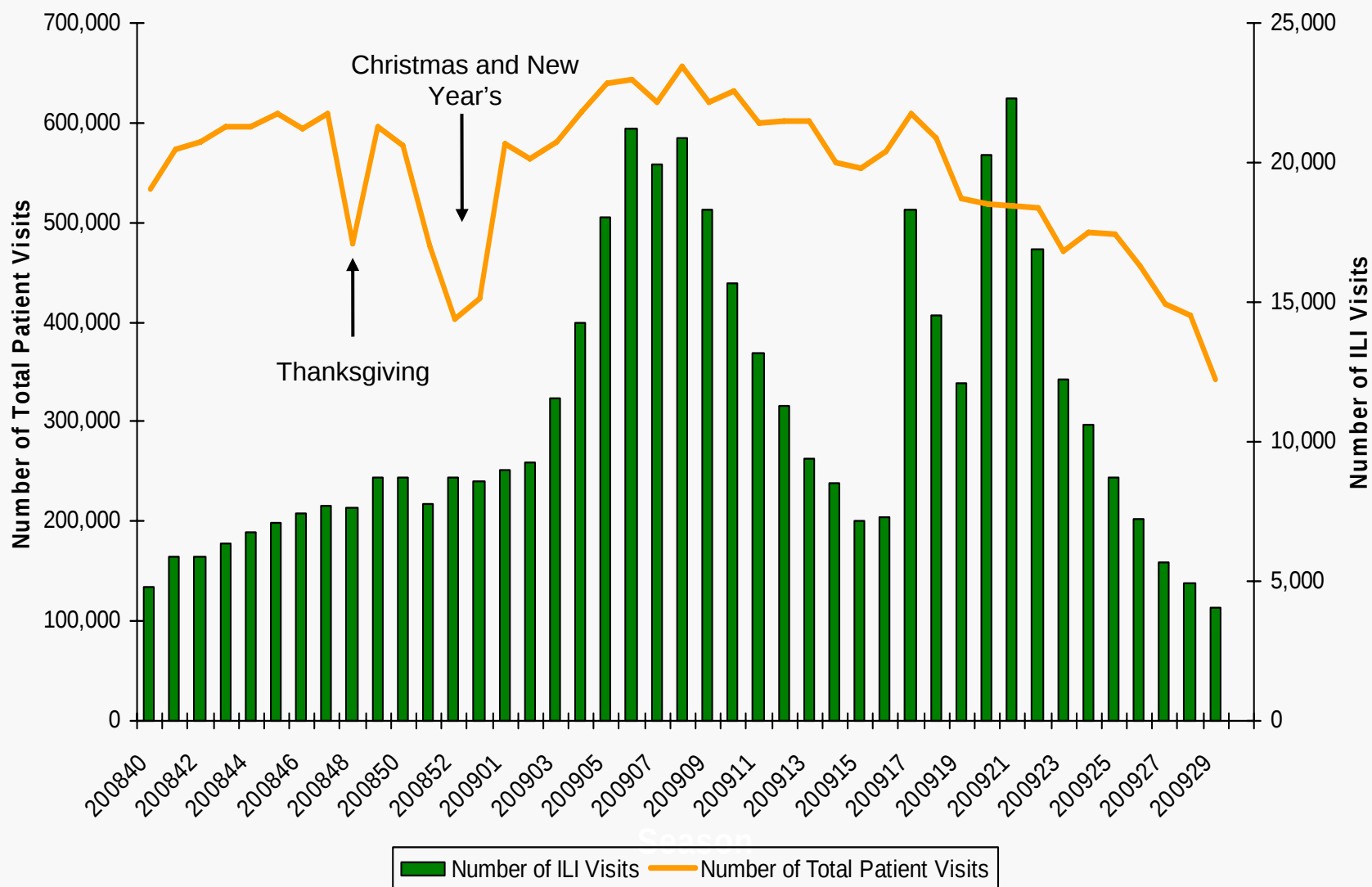
Co-circulation of Novel and Seasonal Influenza Strains novel 2009-H1N1 – 4 AUG 2009



Epidemiology/Surveillance

ILINet, Number of ILI Visits and Number of Total Patient Visits, National Summary, 2008-09 Season

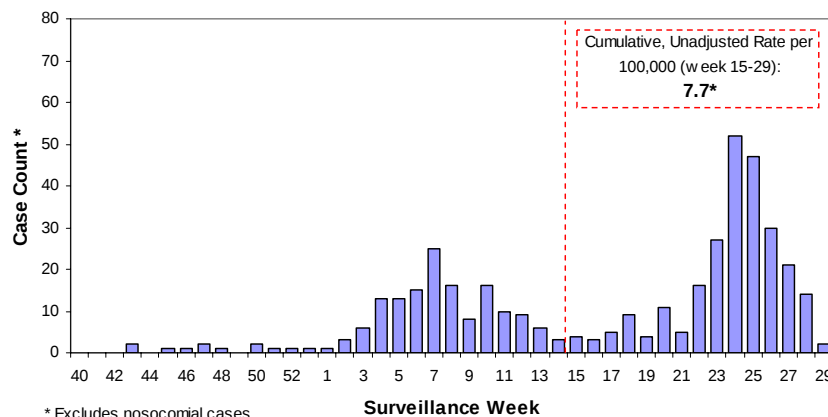
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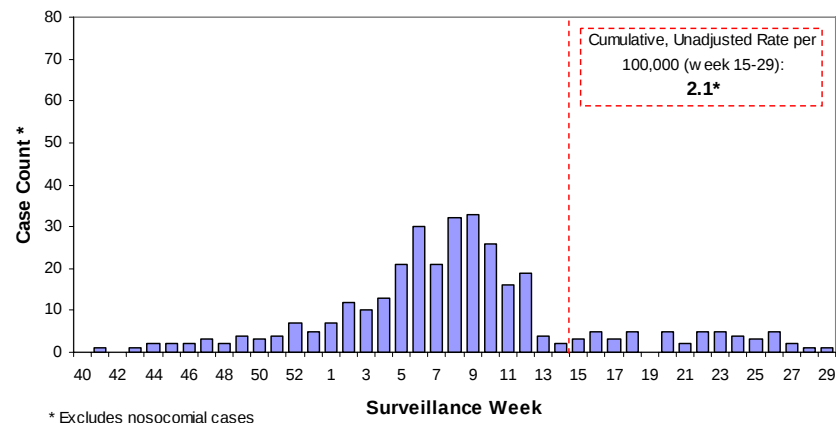


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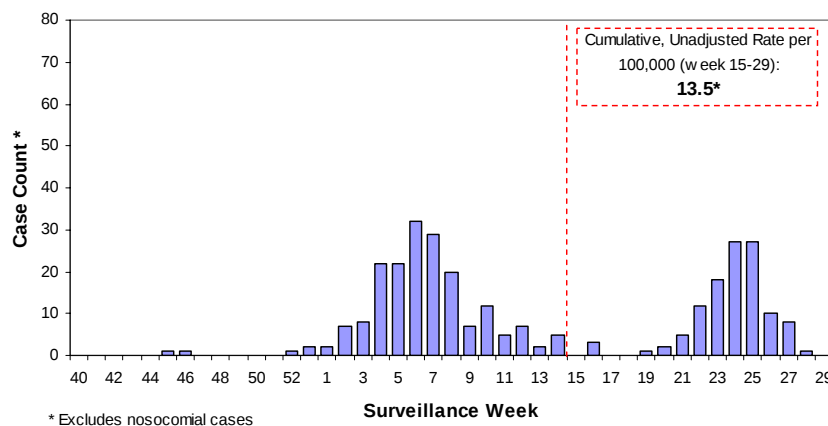
CALIFORNIA: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 3,248,818)



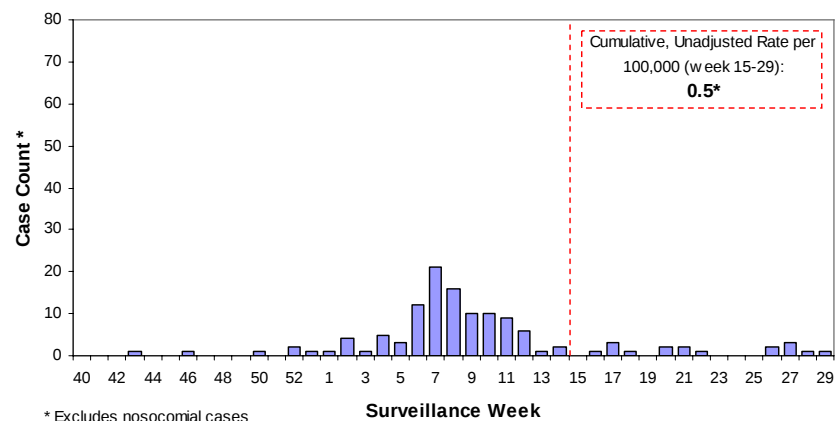
COLORADO: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 2,357,404)



CONNECTICUT: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 845,494)



GEORGIA: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 3,772,298)

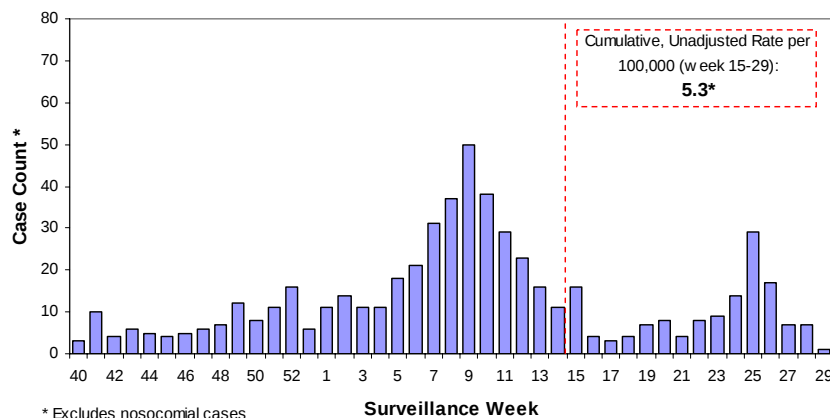


Epidemiology/Surveillance

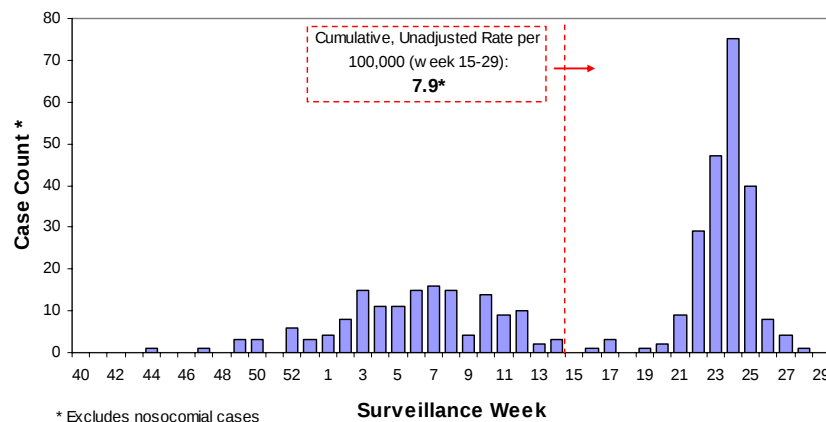
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EIP Influenza Hospitalization Surveillance

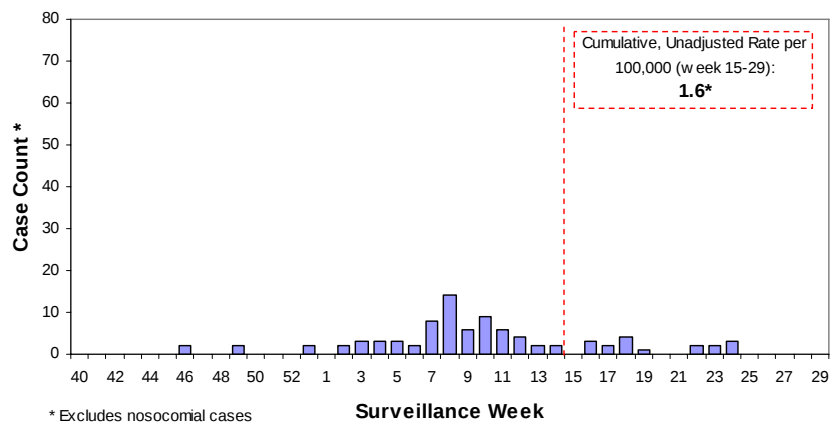
MARYLAND: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 2,621,485)



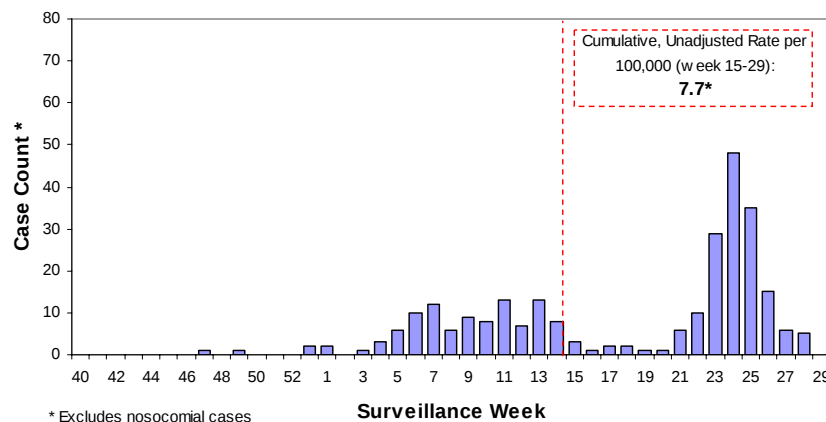
MINNESOTA: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 2,794,796)



NEW MEXICO: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 1,090,328)



NEW YORK: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 2,126,836)



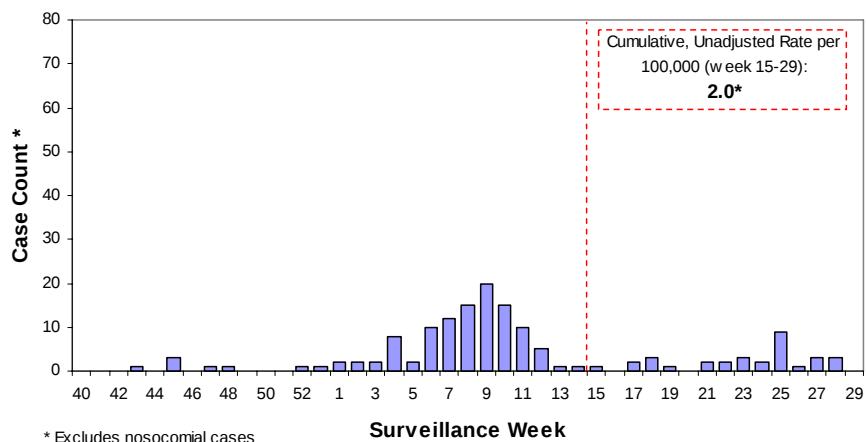


Epidemiology/Surveillance

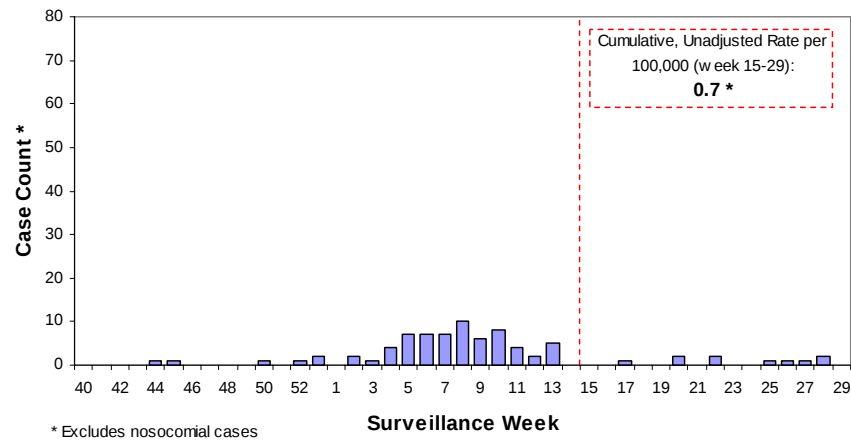
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EIP Influenza Hospitalization Surveillance

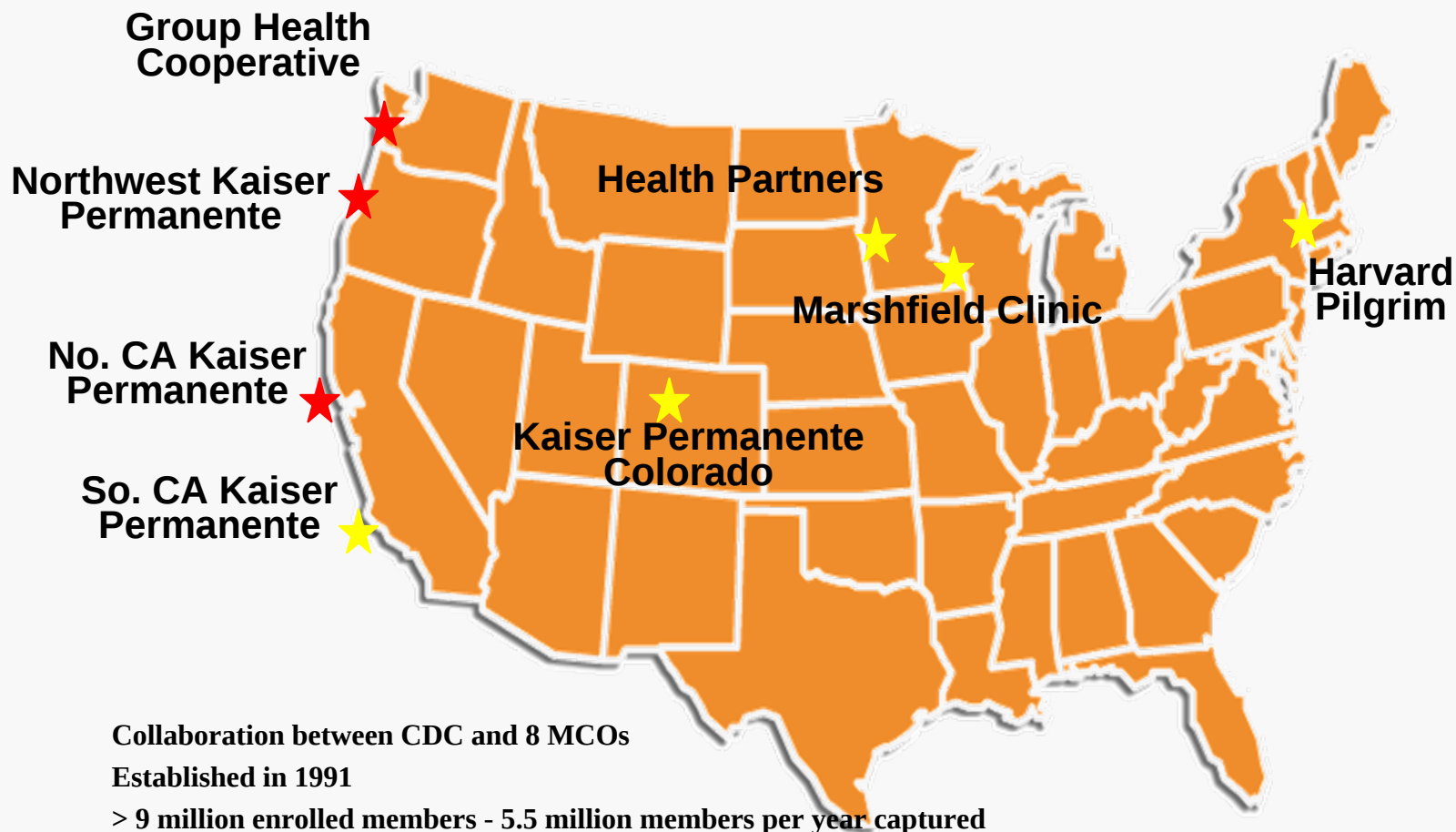
OREGON: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 1,600,751)



TENNESSEE: EIP All Ages Influenza Hospitalizations, by Week of Admission, Oct.1, 2008 - July 25th, 2009
(Population = 1,436,104)



Epidemiology/Surveillance
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Vaccine Safety Datalink



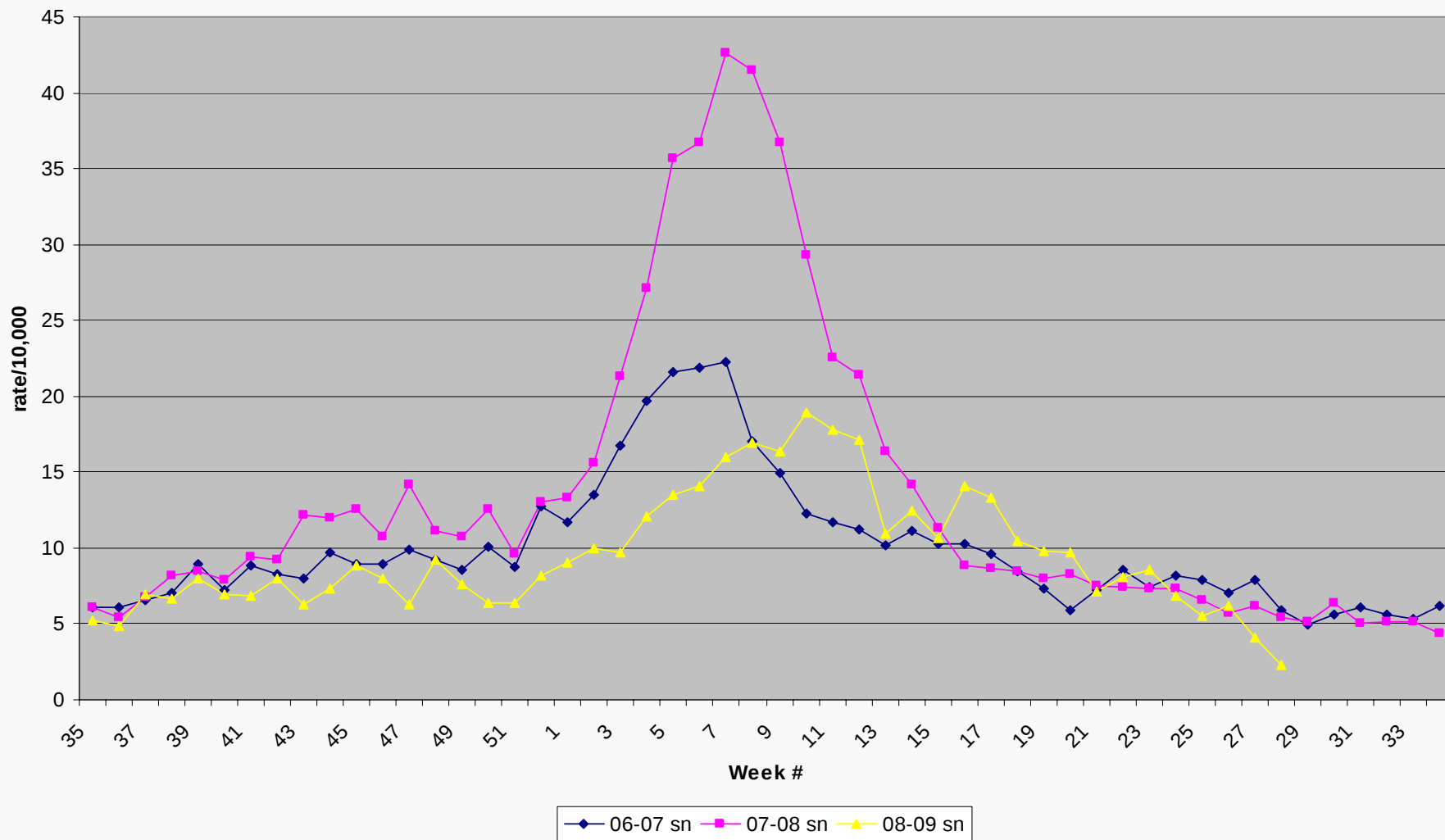
- ★ Originally, data available only for children aged under 18; recently expanded with flu resources
- ★ All ages



Influenza Out-Patient Surveillance Vaccine Safety Data Link



P&I outpatient rate for Marshfield Clinic

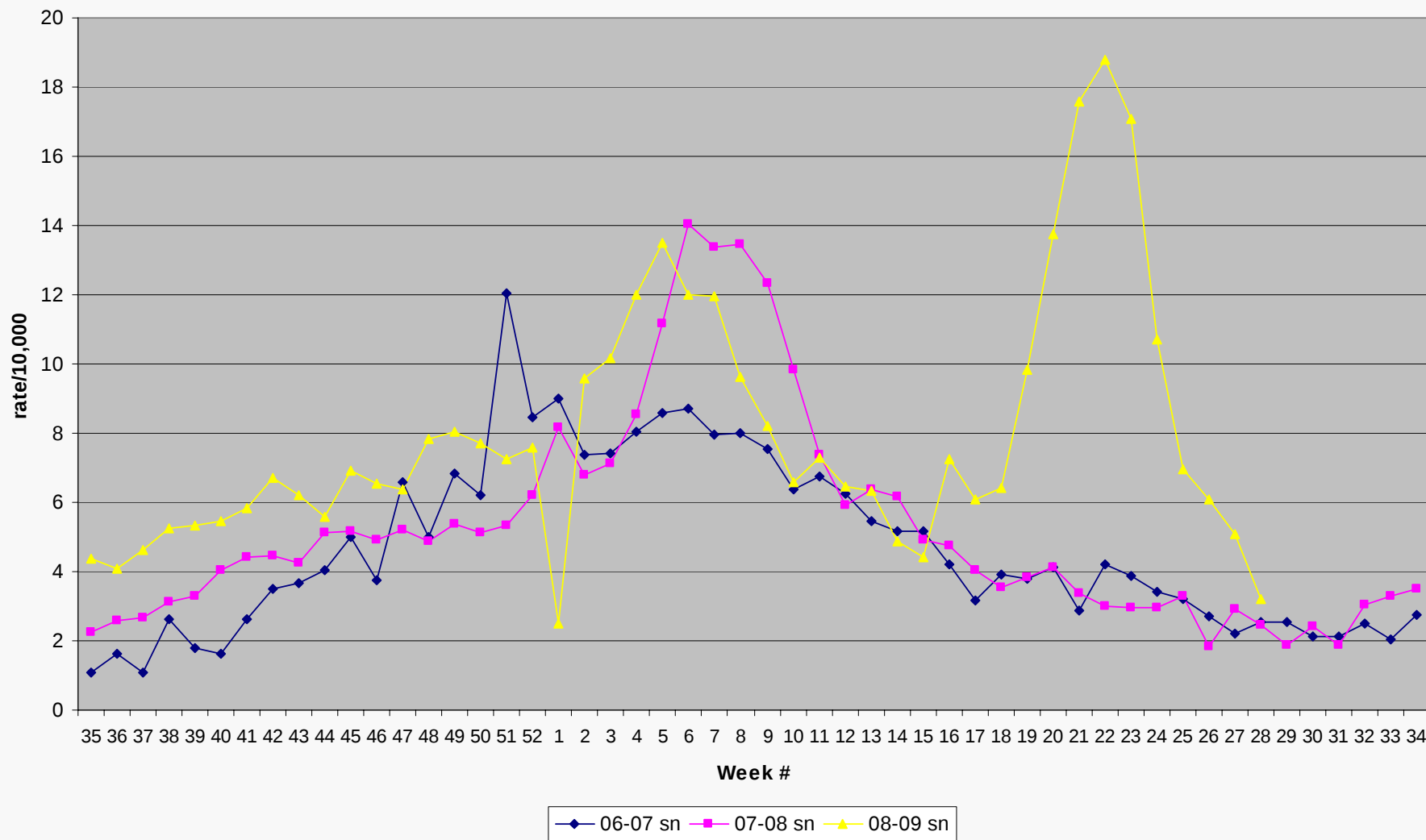




Influenza Out-Patient Surveillance Vaccine Safety Data Link

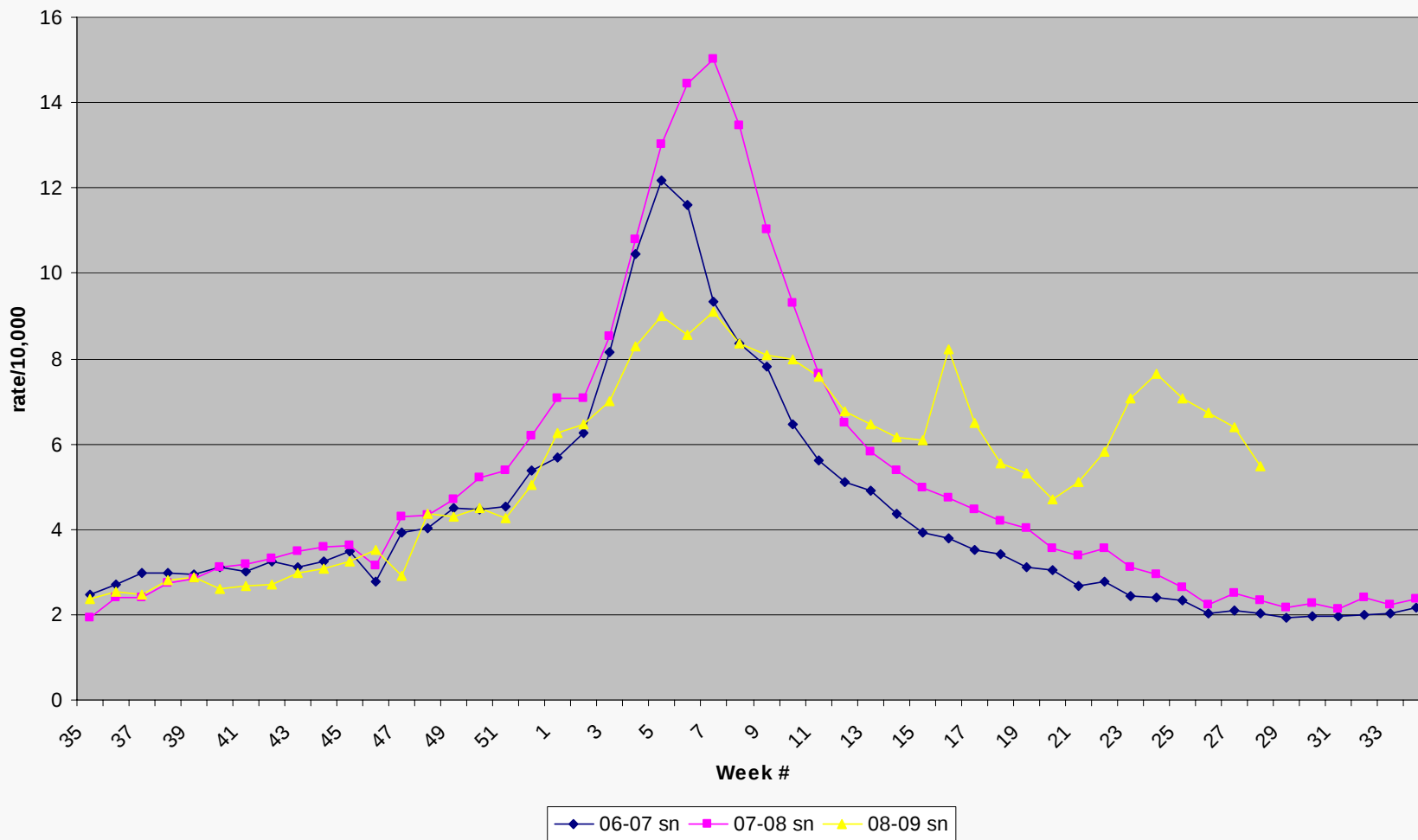


P&I outpatient rate for Harvard Pilgrim



Influenza Out-Patient Surveillance Vaccine Safety Data Link

P&I outpatient rate for Northern California Kaiser





Laboratory
Antigenic Characterization of Virus Isolates
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- **Increased proportion of low reacting seasonal H3N2 viruses noted by all WHO Collaborating Centers**



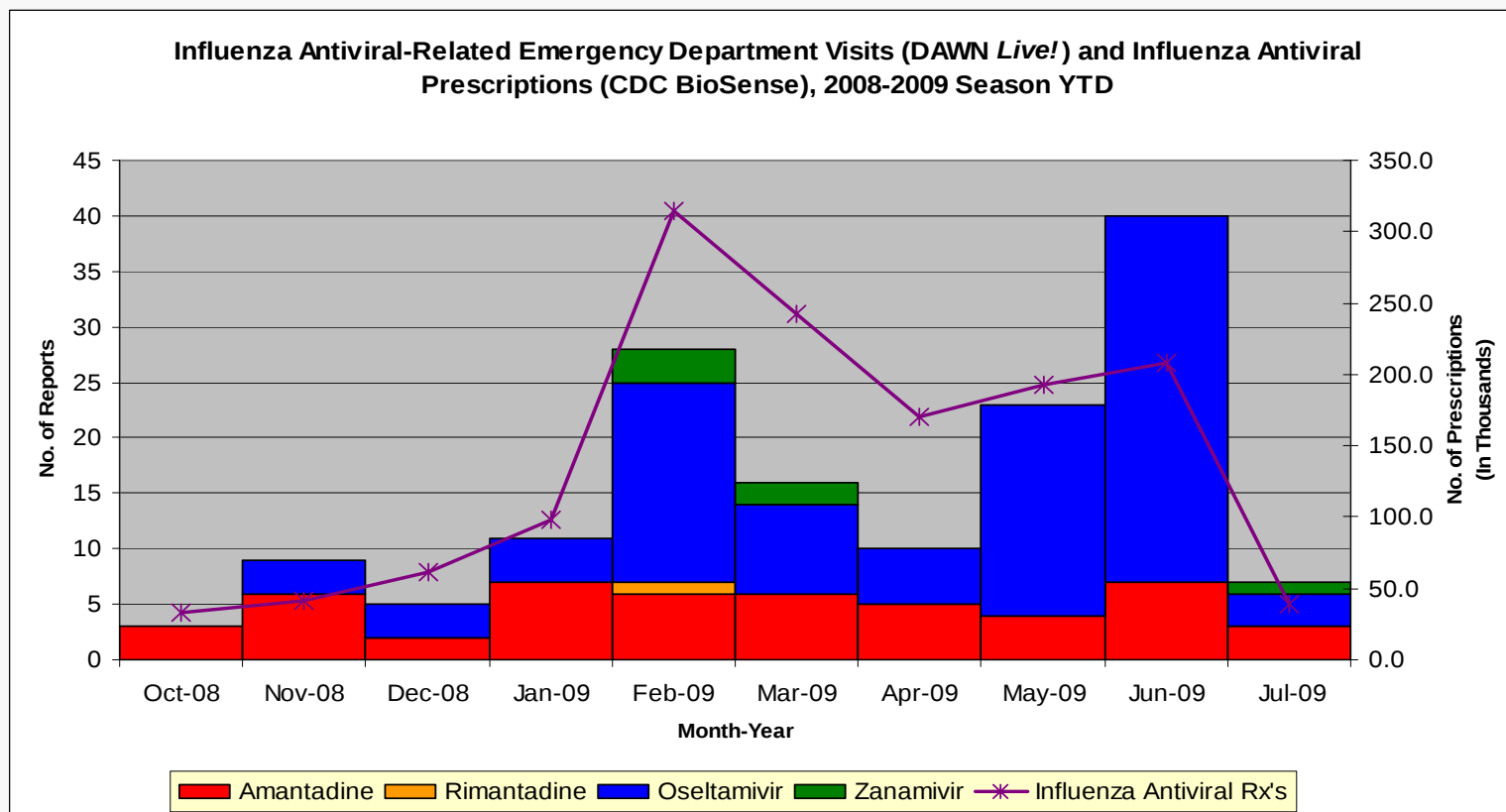
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- **School dismissal monitoring system became operational 8/3**
- **No H1N1-related school dismissals detected**

- **CDC Guidance for School (K-12) Responses to Influenza During the 2009-2010 School Year**
- **Scheduled for public release August 7**
- **Guidance will be accompanied by Executive Summary, Talking Points, Q&As, Communications Toolkit**
- **Preparations ongoing to provide technical assistance**

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Decrease in Antiviral Adverse Events in July 2009





novel 2009-H1N1 – August 3, 2009

• Key H1N1 Social Media Stats:	Daily (Aug 2)	Total (Apr 22 – Aug 2)
• RSS: Views of H1N1 Flu Feeds	134,115	16.06 M
• YouTube: Views of H1N1 Videos	4,014	1.96 M
• Widgets: Views of H1N1 Widgets	3,014	3.28 M
• Podcasts: Views of H1N1 Podcasts	1,682	680,181
• Twitter: Clickthroughs from Tweets	230	407,531
• Twitter: Followers	4,665	667,716

Tweet summaries:

- First deaths; (South Africa; India)
- Sacramento-area nurse--California's first case of a healthcare worker dying from the swine flu virus
- Seven Swine Flu Cases Confirmed at Coast Guard Training Center
- H1N1 likely to affect schools
- Russian soccer fans urged to drink whiskey to "ward off swine flu" (Yahoo buz)



Joint Information Center (JIC)
novel 2009-H1N1 – August 4, 2009



<u>Date</u>	<u>Event</u>	<u>Participants</u>
August 3, 2009	<u>Congressional Recess Packages Distributed</u> •Toolkits, Talking Points, Widgets <u>Office of Safety and Drug Free Schools Brief</u>	DHHS/WH Dr. Schuchat
August 4, 2009	<u>Web Cast with Mayors/Locals</u> •Flu Summit Content <u>3 News briefings “off the record”</u>	Dr. Schuchat Secretaries: ED, DHHS, DHS
August 6, 2009	ED Stakeholders Meeting •New School Guidance	Secretary Duncan PTA, etc.
August 7	News Briefing •New School Guidance	Dr. Frieden @ DHHS
Week of August 10	Release Business Guidance	Department of Commerce Interagency Roll Out



Activation Deployments
Current Deployments
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Employees Supporting Response from HDQRTS	International Deployments			Domestic Deployments			Grand Total*
	Deployed	Pending	Potential	Deployed	Pending	Potential	
1750	5	0	0	0	0	200	1955

*Note: Total number of HDQRTS personnel that have worked or volunteered to support the event since 23 April

Current Deployments:	Deployed
Argentina GOARN Epi	2
Argentina Bilateral Epi	1
Australia Bilateral Epi	1
Kenya Bilateral Epi	<u>1</u>
CDC Currently Deployed Total	<u>5</u>

International Deployments in Green Text