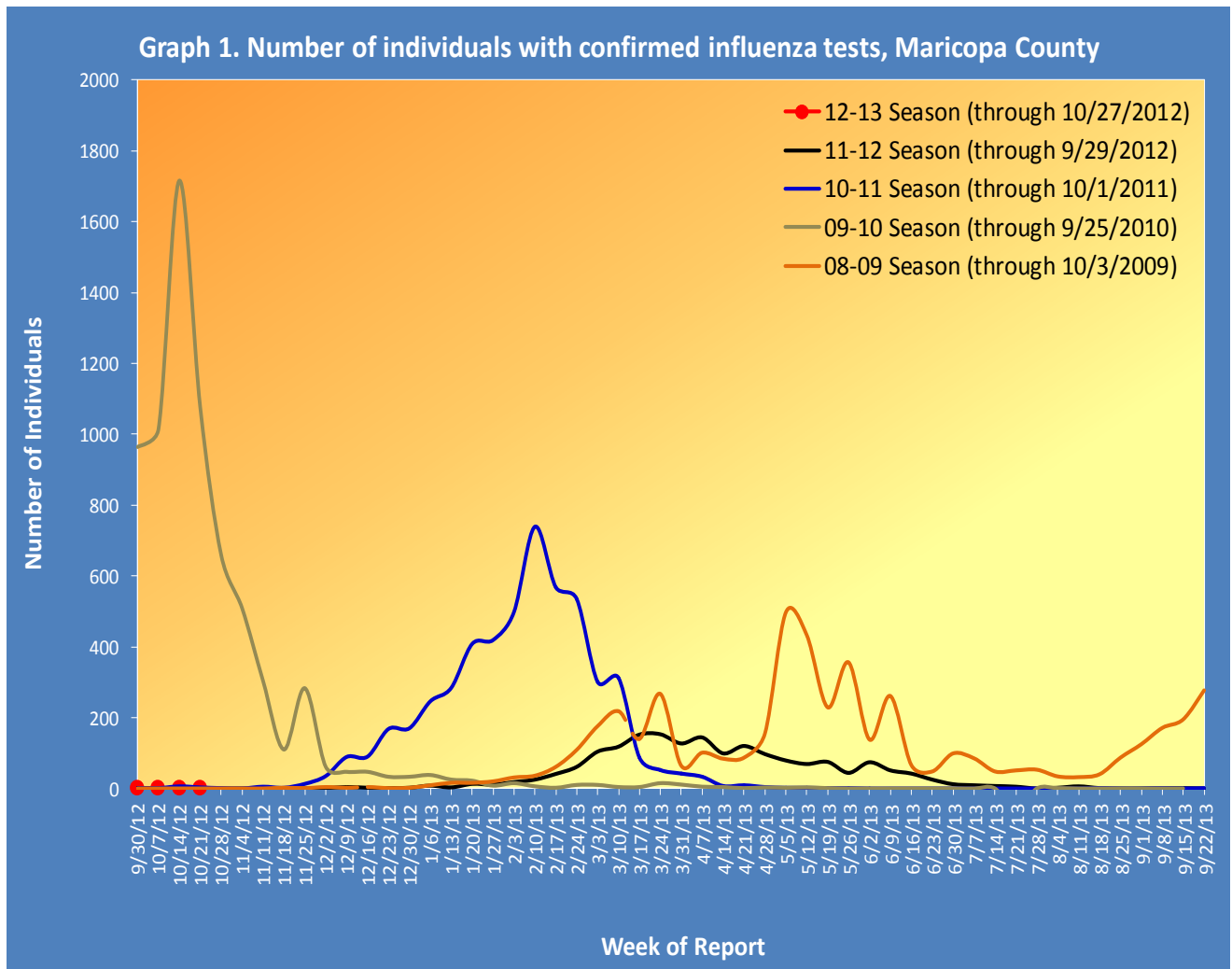


**Maricopa County Department of Public Health  
INFLUENZA UPDATE  
September 30, 2012 through October 27, 2012  
Posted November 2, 2012**

Individuals with Laboratory Confirmed Influenza

This influenza season (2012-13), there have been 3 individuals confirmed with an influenza test. This week, the first locally-acquired influenza case was confirmed at the Arizona State Public Health Laboratory. The chart below shows tests each week for the current season (red) and previous seasons.



## Types of Influenza

This influenza season, two types of influenza has been reported. Table 1 shows the number and percentage of tests reported by influenza type.

<b>Table 1. Types of Influenza, 2012-2013 Season, Maricopa County</b>		
Swine flu (Influenza A, type H1N1)	0	0.0%
Seasonal influenza (Influenza A, type H3)	2	66.7%
Influenza B, all types	1	33.3%
		100%
No type determined	0	--
<b>Total</b>	<b>3</b>	<b>--</b>

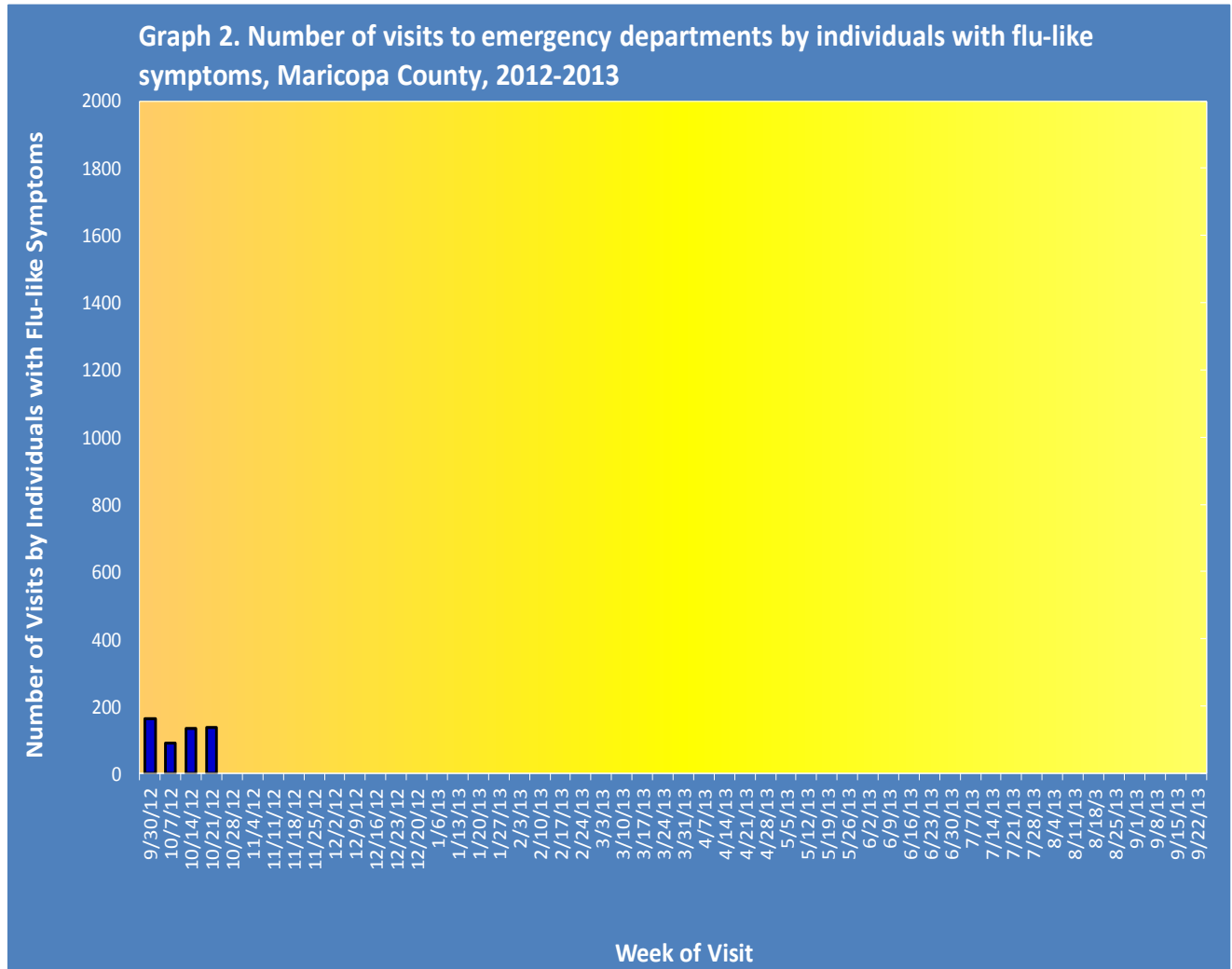
## Pneumonia and Influenza (P&I) Deaths

This influenza season, there have been 96 pneumonia and influenza (P&I) deaths (including 0 pediatric deaths (none attributed to influenza)). This is up from last season's total of 78 P&I deaths (including 1 pediatric death (none attributed to influenza)). Table 2 shows the number of P&I deaths and the number of influenza deaths that occurred this season and last season.

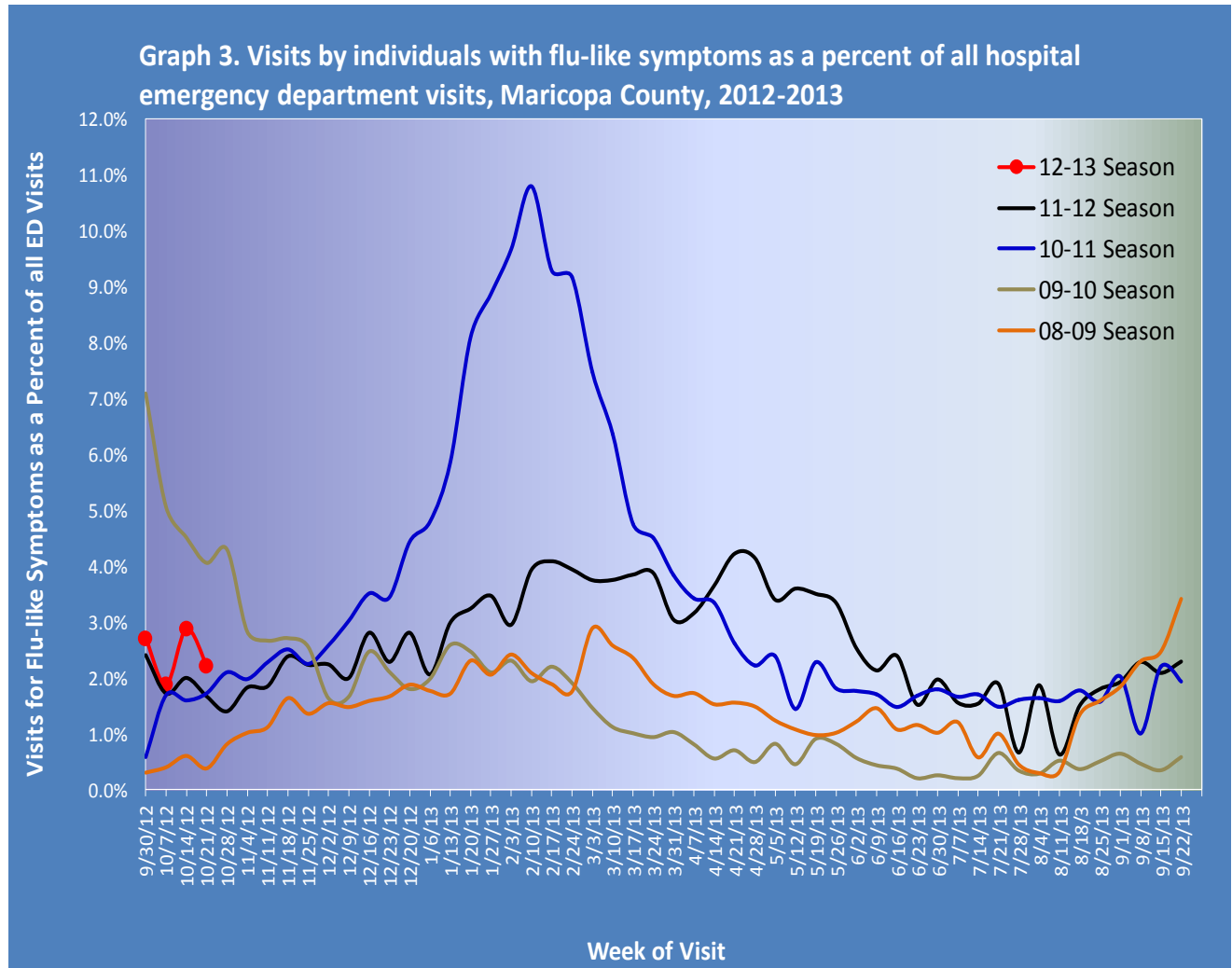
<b>Pneumonia and Influenza (P&amp;I) Deaths, 2011-12 &amp; 2012-13 Seasons, Maricopa County</b>				
	<b>Current Season (2012-2013) As of [10/27/2012]</b>		<b>Last Season (2011-2012) As of [10/29/2011]</b>	
	Pneumonia and Influenza	Influenza	Pneumonia and Influenza	Influenza
<b>Pediatric (Under Age 18)</b>	0	0	1	0
<b>Adult (18 and Over)</b>	96	0	78	0

## Respiratory Illness Activity at Hospital Emergency Departments

This influenza season, there have been 523 visits to emergency departments by individuals with flu-like symptoms. To be counted as an individual with flu-like symptoms, the patient must have both fever and cough or sore throat. Graph 2 shows the number of patients with flu-like symptoms seen at 9 emergency departments.

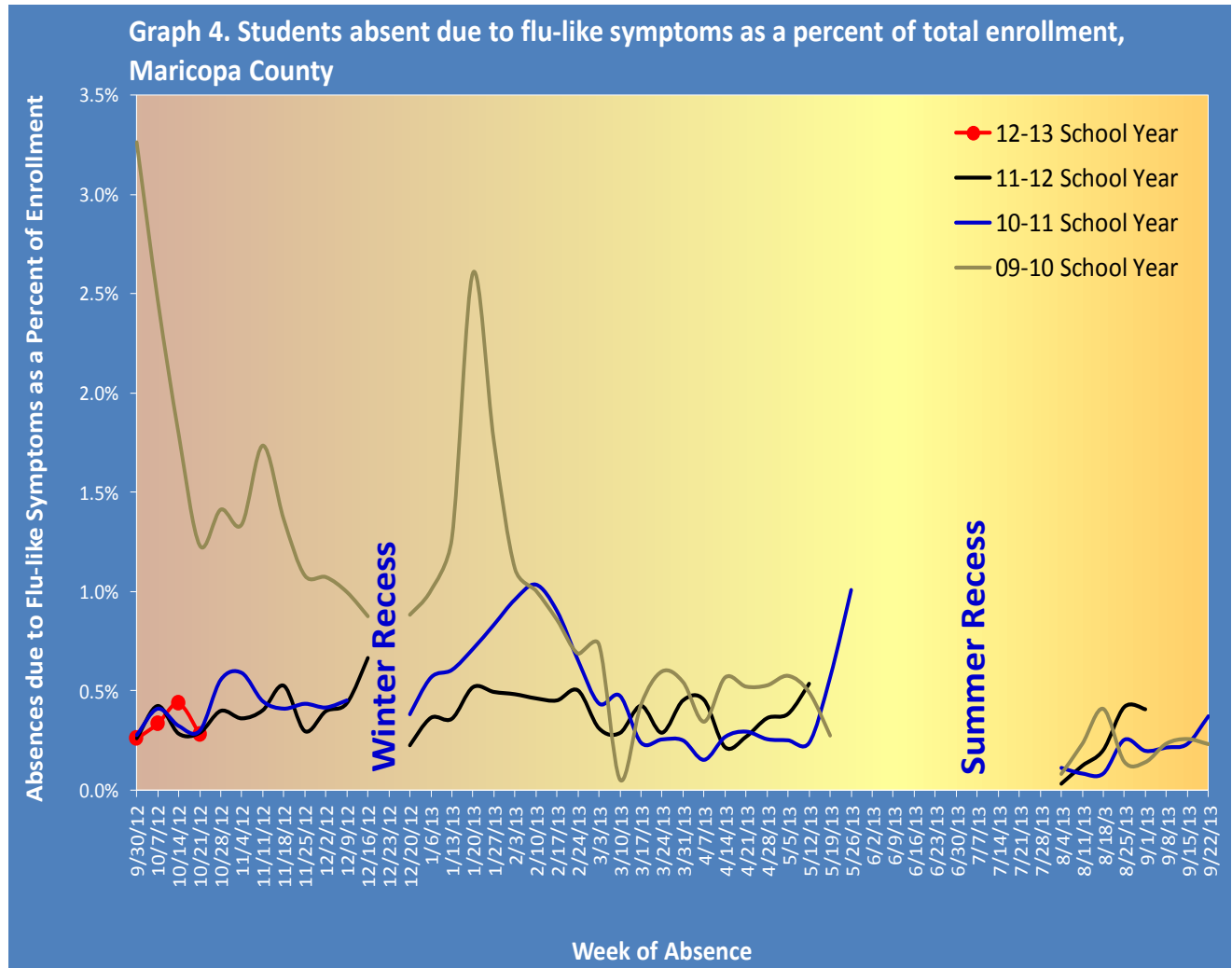


Graph 3 shows what percent of all emergency department visits were individuals with flu-like symptoms (fever and cough/sore throat). The graph shows the trend week by week, with the current season in red.



## Respiratory Illness Activity at Schools

Graph 4 shows the percent of enrolled students in selected public schools who were absent due to flu-like symptoms. To be counted as a student absent with flu-like symptoms, the student must be kept home from school and reported (usually by a parent) to have both a fever and cough or sore throat. The chart shows the trend week by week, for the current school year (red) and previous school years.



-----

***The Maricopa County Department of Public Health wishes to thank all of the  
influenza surveillance participants:***

*Arizona Department of Health Services  
Local Hospital Emergency Departments & Infection Control Practitioners  
Maricopa County Public Schools  
Maricopa County Office of Vital Statistics*

***Questions about this report may be directed to:  
[epidemiology@mail.maricopa.gov](mailto:epidemiology@mail.maricopa.gov)***

***Information on influenza activity for the state, the U.S. and the world may be found  
at the following websites:***

<http://www.azdhs.gov/phs/oids/epi/flu/index.htm> (ADHS)  
<http://www.cdc.gov/flu/weekly/fluactivitysurv.htm> (CDC)  
[http://www.who.int/influenza/gisrs\\_laboratory/updates/en/index.html](http://www.who.int/influenza/gisrs_laboratory/updates/en/index.html) (WHO)