

## ECDC DAILY UPDATE

### Pandemic (H1N1) 2009

Update 25 September 2009,  
09:00 hours CEST

## Main developments in past 24 hours

- Weekly Influenza Surveillance Overview to be published today;
- Media highlights included;
- 606 new cases reported in the EU and EFTA countries, reaching a total of 54 119 cases.

This report is based on official information provided by the national public health websites or through other official communication channels. An update on the number of confirmed cases as of 25 September 2009, 09:00 hours CEST, for Europe, is presented in Table 1 and Table 2. Updates on number of confirmed deaths, as of 24 September 2009, 16:00 hours CEST, for the world, are presented in Table 3.

***Disclaimer:** Several countries have now announced recommendations on treatment on clinical signs only and focused laboratory testing only for specific population groups or in outbreaks. For these countries, the reported numbers of cases presented in this report will severely underestimate the true incidence in the country and will not be comparable to countries still recommending laboratory tests of all suspected influenza cases.*

## Media Highlights

Widely covered in all the media this week was the news that China had begun its vaccination strategy and that initial surveillance from the Chinese authorities suggested that there was no adverse reactions to the vaccine. How vaccines would be administered for the different risk groups in several countries has also been widely reported, in particular if one or two doses would be sufficient for young children.

How countries are preparing for their individual pandemic vaccination strategies has also been covered extensively in the media over the course of the week. In particular as many companies suggest they are nearing completion and delivery of ordered vaccines. In addition many reports covered the start dates for other countries, notably Mexico, which will begin in October. However, there has also been broad media coverage on the WHO suggestion that worldwide vaccine production was currently less than expected, and that the virus had not mutated in any way.

## Weekly Influenza Surveillance Overview

The ECDC Weekly Influenza Surveillance Overview will be published this afternoon and will be available at:

[http://www.ecdc.europa.eu/en/activities/surveillance/EISN/Pages/EISN\\_Bulletin.aspx](http://www.ecdc.europa.eu/en/activities/surveillance/EISN/Pages/EISN_Bulletin.aspx)

### Epidemiologic update

All 27 EU and 4 EFTA countries are reporting cases of pandemic (H1N1) 2009 influenza. Since April 2009, a total of 54 119 confirmed cases and 173 deaths have been reported (Table 1). In the past 24 hours 606 cases were reported from the EU and EFTA countries. Amongst the 173 deaths Hungary reported one additional fatality; Spain confirmed four additional fatalities since their last report, and the UK confirmed four additional deaths as well.

The latest available updates on hospital admissions per Member State are presented in Table 2.

The latest available updates as of September 24<sup>th</sup>, 2009, at 16:00, on new and on confirmed fatal pandemic (H1N1) cases outside the EU/EFTA area by country, are presented in Table 3.

### Other updates

#### **Addition of the pandemic strain recommended for the 2010 Southern Hemisphere Season**

WHO yesterday reported on the outcome of its vaccine strain selection meeting for the next Southern Hemisphere influenza season which will take place in what is the European Summer of 2010. WHO has recommended two changes, incorporation of an antigen representing the new pandemic strain A(H1N1) 2009 (an A/California/7/2009 (H1N1)-like virus) replacing the previous seasonal influenza A(H1N1) and a change to a new A(H3N2) antigen (an A/Perth/16/2009 (H3N2)-like virus) because of some drift in the circulating A(H3N2) viruses. There is no change in the recommended B virus component a B/Brisbane/60/2008-like virus.

Hence the three components are

- an A/California/7/2009 (H1N1)-like virus;
- an A/Perth/16/2009 (H3N2)-like virus;
- a B/Brisbane/60/2008-like virus.

A fuller description and comment on the report will follow next week in the ECDC public health developments series. These recommendations will not necessarily be those for the following European season (winter 2010-2011). WHO will made recommendations on that following its regular Northern Hemisphere meeting that will take place in early 2010.

Full WHO recommendations available at:

<http://www.who.int/csr/disease/influenza/recommendations2010south/en/index.html>

## **Weekend Daily Updates discontinued – reminder**

ECDC will now discontinue producing Daily Updates on the weekends until further needs arise. Starting from Monday, the Daily Updates will be produced by 09:00hrs every morning Monday to Friday. The Daily Update published on Monday includes weekend's information.

**Table 1: Reported new confirmed cases and cumulative number of Pandemic (H1N1) 2009 influenza and cumulative deaths among confirmed cases by country as of 25 September 2009, 09:00 hours (CEST) in the EU and EFTA countries**

Country (date of report)	Confirmed cases reported in the last 24h	Cumulative number of confirmed cases	Deaths among confirmed cases <sup>a</sup>
Austria (18.9.)	-	361	-
Belgium (30.7.)	-	126	1
Bulgaria (18.9.)	-	70	-
Cyprus (14.7.)	-	297	-
Czech Republic (24.9.)	-	293	-
Denmark (24.9.)	15	651	-
Estonia (24.9.)	-	68	-
Finland (24.9.)	7	304	-
France <sup>b</sup> (23.9.)	-	1125	29 <sup>e</sup>
Germany (23.9.)	165	19703	-
Greece (15.9.)	-	2149	3
Hungary (17.9.)	-	206	2
Iceland (23.9.)	-	200	-
Ireland (13.9.)	-	885	2
Italy (23.9.)	-	2470	3
Latvia (19.9.)	-	30	-
Liechtenstein (23.9.)	-	5	-
Lithuania (24.9.)	2	53	-
Luxembourg (23.9.)	-	280	1
Malta (18.9.)	-	298	3
Netherlands <sup>c</sup> (17.9.)	-	1473	4
Norway (24.9.)	-	1336	4
Poland (23.9.)	-	164	-
Portugal (23.9.)	-	2983	1
Romania (21.9.)	-	334	-
Slovakia (24.9.)	-	133	-
Slovenia (18.9.)	-	244	-
Spain (24.9.)	-	1538	36
Sweden (24.9.)	107	1381	2
Switzerland (23.9.)	11	1189	-
United Kingdom <sup>d</sup> (24.9.)	299	13770	82
<b>Total</b>	<b>606</b>	<b>54119</b>	<b>173</b>

Note: cases reported in the EU and EFTA countries correspond to the EWRS notifications by Member States or Ministry of Health websites. *Countries shaded with gray are not recommending laboratory tests for all suspect cases, therefore comparisons in time or between these countries should not be made at present. Fatal cases are reported in the country where the death occurred.*

<sup>a</sup> Deaths are included in the cumulative number of confirmed cases

<sup>b</sup> Cases reported from France include those reported from the overseas territories

<sup>c</sup> Cases from the Netherlands include those reported from Aruba and the Dutch Antilles.

<sup>d</sup> Cases reported from the United Kingdom include the number of individual cases from the following overseas territories: Anguilla, The Falklands, Gibraltar, Sovereign Base Area Cyprus, Turks and Caicos Islands (104)

<sup>e</sup> Deaths reported from France include 1 in Guyana, 9 in New Caledonia, 6 in the French Polynesia, 6 in the Reunion, 1 Martinique and 6 in mainland France.

**Table 2: Reported number of confirmed Pandemic (H1N1) 2009 influenza cases admitted to hospitals and intensive care by country as of 25 September 2009, 09:00 hours (CEST) in the EU and EFTA countries**

Country (date of report)	Most recent number of cases admitted in hospitals	Cumulative number of cases admitted in hospitals	Most recent number of cases admitted to intensive care	Cumulative number of cases admitted to intensive care
Austria (07.8.)	0	-	0	-
Belgium (17.9.)	-	-	-	-
Bulgaria	-	-	-	-
Cyprus	-	-	-	-
Czech Republic (21.9.)	0	-	0	-
Denmark (09.9.)	-	-	-	-
Estonia (04.9.)	0	0	0	0
Finland (03.9.)	-	-	-	-
France (23.9.)	12	159	1	20
Germany (23.9.)	-	-	-	-
Greece (17.9.)	-	54	-	13
Hungary (17.9.)	-	32	-	-
Iceland (17.9.)	0	1	0	0
Ireland (17.9.)	16	114	6	10
Italy (23.9.)	61	704	-	-
Latvia (13.8.)	-	1	-	-
Liechtenstein (23.9.)	-	-	-	-
Lithuania (13.8.)	-	-	-	-
Luxembourg (13.9.)	-	-	0	0
Malta (04.9.)	-	46	-	1
Netherlands (21.9.)	10	90	3	17
Norway (24.9.)	7	32	4	7
Poland (10.9.)	-	-	-	-
Portugal (23.9.)	20	-	3	8
Romania	-	18	-	-
Slovakia (12.8.)	2	33	0	0
Slovenia (10.8.)	-	-	-	-
Spain (20.8.)	-	-	32	91
Sweden (24.9.)	-	-	0	0
Switzerland (23.9.)	-	25	-	1
United Kingdom <sup>b</sup> (24.9.)	218	-	25	-

Note: Data for the EU and EFTA countries correspond to the Ministry of Health or surveillance centre websites. New updates are shaded in yellow. (-) denotes no information readily available in official sources.

<sup>a</sup>Data includes all probable cases for England only. Does not include Scotland (143 cumulative confirmed hospitalisations), Wales (48) and Northern Ireland (97).

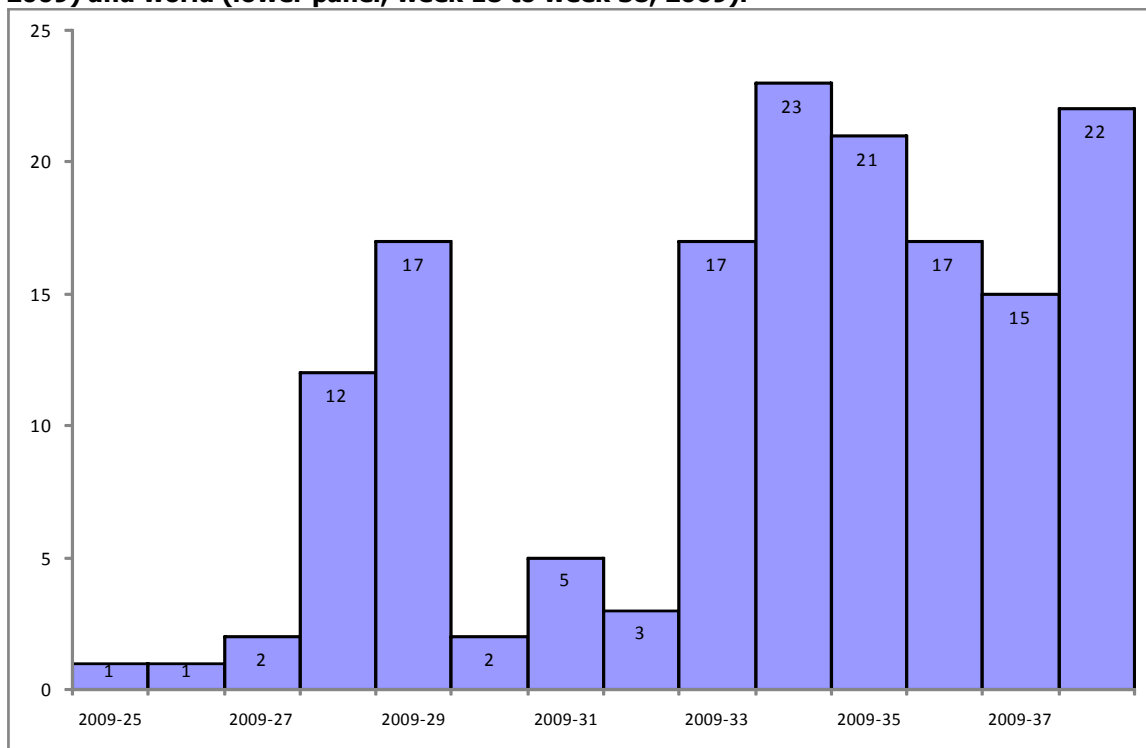
**Table 3. Reported number of new and cumulative confirmed fatal Pandemic (H1N1) 2009 influenza cases by country as of 24 September 2009, 16:00 hours (CEST) outside of the EU/EFTA area**

Country	Number of new fatal cases since previous national update	Cumulative number of fatal cases
<b>OTHER EUROPEAN COUNTRIES &amp; CENTRAL ASIA</b>		
No deaths reported	-	-
<b>MEDITERRANEAN AND MIDDLE-EAST</b>		
Bahrain	-	3
Egypt	-	2
Iran	-	4
Iraq	-	1
Israel	-	23
Kuwait	-	7
Lebanon	-	2
Occupied Palestinian Territory	-	1
Oman	1	19
Qatar	-	3
Saudi Arabia	-	28
Syria	-	2
United Arab Emirates	-	6
Yemen	2	3
<b>AFRICA</b>		
Ghana	-	1
Madagascar	-	1
Mauritius	-	8
Mozambique	-	2
Namibia	-	1
South Africa	-	47
<b>NORTH AMERICA</b>		
Canada	-	78
Mexico	-	222
USA	-	593
<b>CENTRAL AMERICA &amp; CARIBBEAN</b>		
Cayman Islands	-	1
Costa Rica	-	37
Dominican Republic	-	21
El Salvador	-	19
Guatemala	-	13
Honduras	-	14
Jamaica	-	4
Nicaragua	-	9

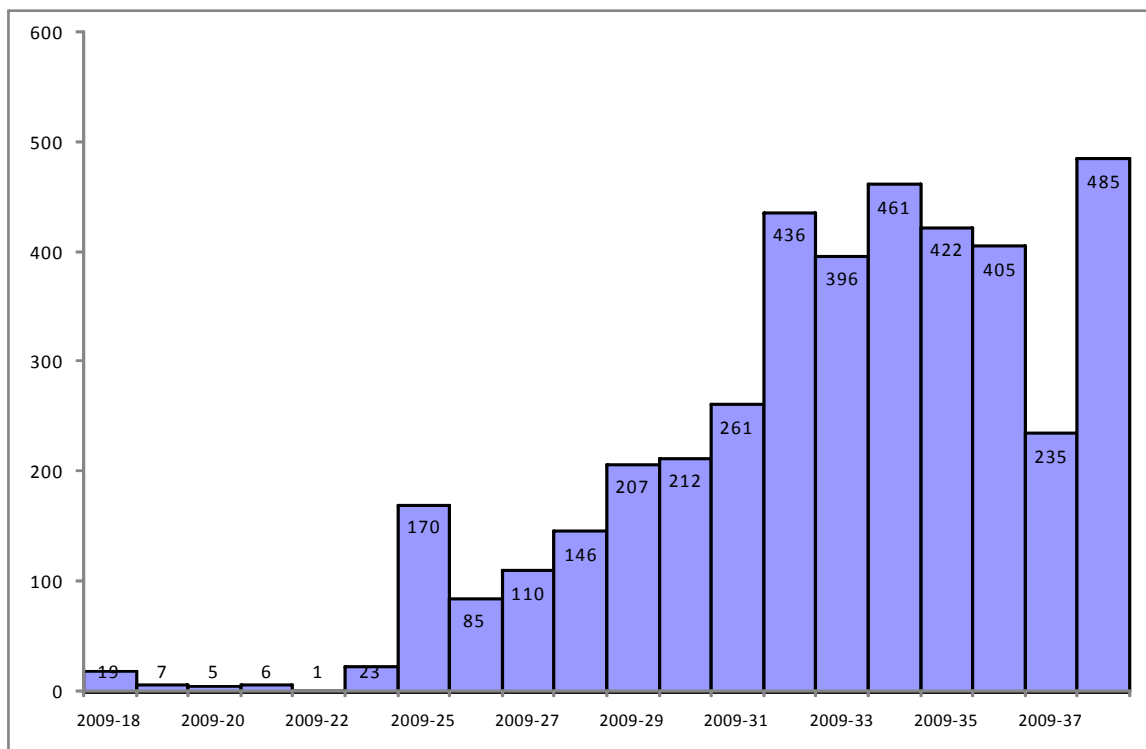
Panama	-	10
Saint Kitts and Nevis	-	1
Suriname	-	2
<b>SOUTH AMERICA</b>		
Argentina	-	514
Bolivia	-	41
Brazil	-	899
Chile	-	132
Colombia	-	82
Ecuador	-	55
Paraguay	-	52
Peru	-	133
Uruguay	-	33
Venezuela	2	76
<b>NORTH-EAST &amp; SOUTH ASIA</b>		
Bangladesh	-	4
Hong Kong SAR China	1	19
India	2	264
Japan	-	18
Macao SAR China	-	1
South Korea	1	11
Taiwan	-	16
<b>SOUTH-EAST ASIA</b>		
Brunei Darussalam	-	1
Indonesia	-	10
Laos Peoples Democratic Republic	-	1
Malaysia	-	77
Philippines	-	28
Singapore	-	18
Thailand	-	160
Vietnam	1	10
<b>AUSTRALIA &amp; PACIFIC</b>		
Australia	1	178
Cook Islands	-	1
Marshall Islands	-	1
New Zealand	-	17
Samoa	-	2
Tonga	-	1
<b>TOTAL</b>	<b>11</b>	<b>4043</b>

Note: cases reported in non-EU and EFTA countries correspond to cases published on Ministry of Health websites, WHO sites, or credible media sources quoting national authorities. Therefore, some of these cases may be taken out at a later stage if not validated. Yellow shading indicates a new update has been recorded for the country during the past 24 hours.

**Figure 1: Number of confirmed deaths among pandemic (H1N1) 2009 influenza cases by week of notification. EU and EFTA countries (upper panel, week 25 to week 38, 2009) and world (lower panel, week 18 to week 38, 2009).**

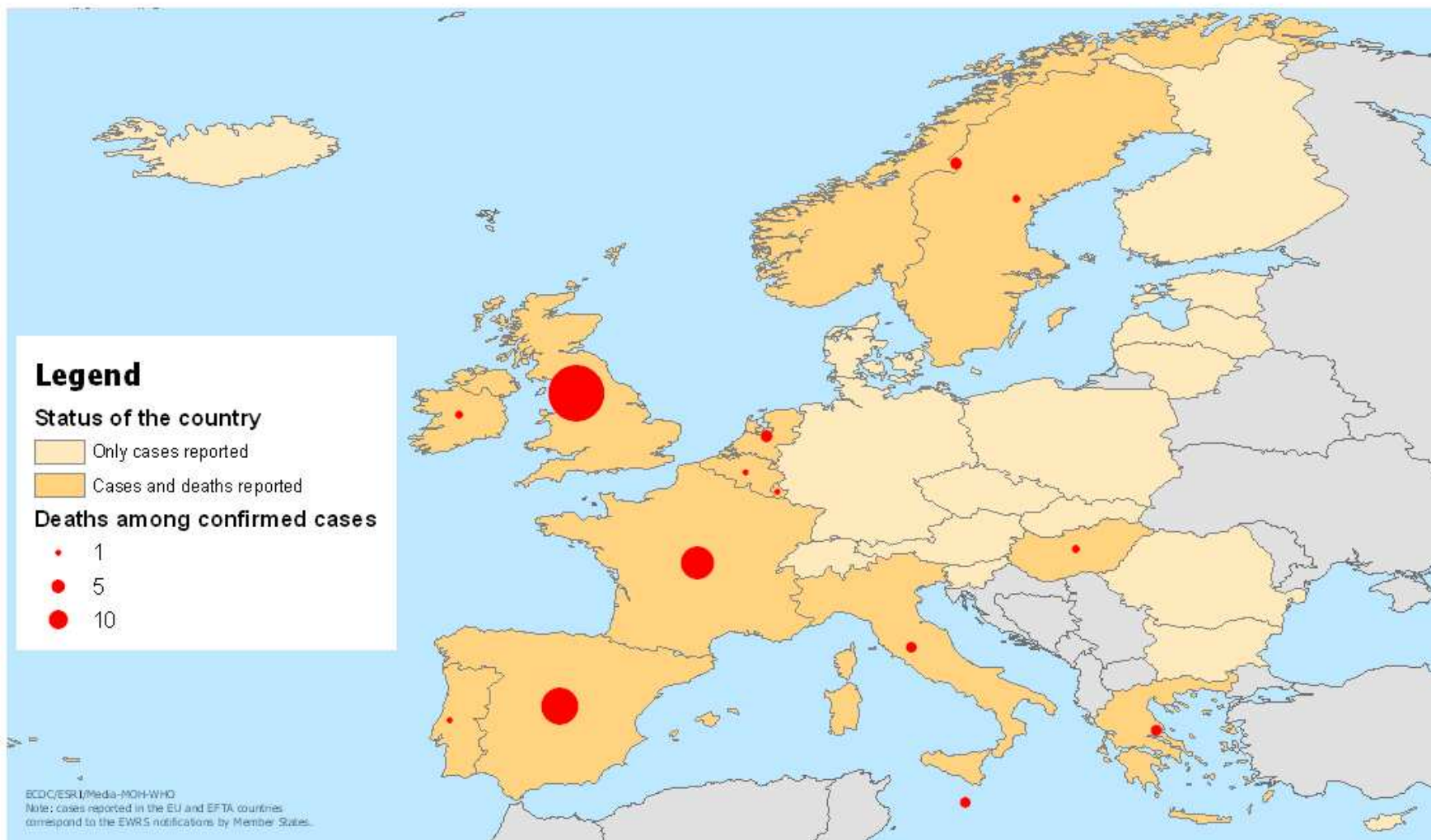


Notification week



Notification week

## Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v in EU and EFTA countries, as of 25 September 2009, 09:00 hours CEST



# Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v and country reporting status by country, as of 24 September 2009, 16:00 hours CEST

