

ECDC DAILY UPDATE

Pandemic (H1N1) 2009

Update 04 December 2009,
09:00 hours CEST

Main developments in past 24 hours

- First European Medicines Agency weekly report on centrally authorized pandemic vaccines and antivirals published
- ECDC Weekly Influenza Surveillance Overview will be published this afternoon
- WHO: too early to judge if pandemic has peaked
- A total of 1 024 fatal cases in Europe and EFTA countries and 8 610 in the rest of the world have been reported up to date.

This report is based on official information provided by national public health websites or through other official communication channels. Reported number of confirmed Pandemic (H1N1) 2009 influenza cases admitted to hospitals and intensive care, by country, as of 04 December 2009, 09:00 hours (CEST) in EU and EFTA countries are in Table 1. An update on the number of confirmed fatal cases is presented in Table 2 - as of 03 December 2009 - 16:00 hours CEST, for the world, and 04 December 2009 - 09:00 hours CEST, for Europe.

Update from the European Medicines Agency

First European Medicines Agency weekly report on centrally authorized pandemic vaccines and antivirals published

The European Medicines Agency (EMA) reports on the use and benefits of pandemic vaccines and antivirals, as well as on adverse reactions reported to the Agency. The report includes information on the distribution of three centrally authorised vaccines and an estimate of the number of people vaccinated in EU member states. To date, no unexpected serious safety issues have been identified. The most frequent adverse reactions that have been reported are non-serious and as expected. This is the first issue of a new weekly report that the European agency launched on the 3rd of December.

More information can be found at: <http://www.emea.europa.eu/pdfs/general/direct/pr/77514009en.pdf> or from the agency's website <http://www.emea.europa.eu>

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

WHO: too early to judge if pandemic has peaked

The World Health Organisation said in a press conference on 3 of December that it's too soon to judge whether the H1N1 influenza pandemic has passed its peak, although signs of a drop in cases can be seen in some countries

More information can be found at:

<http://www.who.int/mediacentre/multimedia/swineflupressbriefings/en/index.html>

Epidemiologic update

All 27 EU and 4 EFTA countries are reporting cases of pandemic (H1N1) 2009 influenza. A total of 1 024 deaths have been reported since April 2009 (Table 2). Since week 41 the numbers of deaths each has shown a steady increase almost doubling every fortnight over the last six weeks, although there was only a 6% increase in week 47, compared to the previous week. While the most deaths have to date been in Western Europe there are increasing numbers of deaths being reported from Central and Eastern Europe. Latest new and confirmed fatal pandemic (H1N1) cases outside the EU/EFTA area are presented in Table 2 as well. Available updates on hospital admissions, per Member State, can be found in Table 1

Table 1: Reported number of confirmed Pandemic (H1N1) 2009 influenza cases admitted to hospitals and intensive care, by country, as of 04 December 2009, 09:00 hours (CEST) in EU and EFTA countries

Country (date of report)	Number of cases currently hospitalised	Cumulative number of cases admitted in hospitals	Number of cases currently in intensive care	Cumulative number of cases admitted to intensive care
Austria (18.11.)	-	-	-	-
Belgium (03.12.)	-	-	-	-
Bulgaria (22.11.)	-	-	-	-
Cyprus(23.11.)	-	-	-	6
Czech Republic (26.11.)	-	-	-	-
Denmark (02.12.)	-	-	-	-
Estonia (02.12.)	-	-	-	-
Finland (02.12.)	46	-	21	-
France (01.12.)	-	-	154	481
Germany (01.12.)	-	-	-	-
Greece (02.12.)	-	-	-	-
Hungary (29.11.)	-	-	-	-
Iceland (26.11.)	5	180	1	20
Ireland (02.12.)	181	974	12	83
Italy (03.12.)	-	730	-	391
Latvia (25.11.)	-	-	-	-
Liechtenstein (26.11.)	-	-	-	-
Lithuania (04.11.)	-	-	-	-
Luxembourg (16.11.)	-	-	0	0
Malta (04.09.)	-	46	-	1
Netherlands (27.11.)	289	1587	29	167
Norway (02.12.)	37	1206	19	151
Poland (30.11.)	-	-	-	-
Portugal (02.12.)	149	-	22	-
Romania (23.11.)	10	-	5	-
Slovakia (02.12.)	38	81	8	31
Slovenia (10.08.)	-	-	-	-
Spain (03.12.)	-	-	-	-
Sweden (29.11.)	119	1014	-	-
Switzerland (26.11.)	23	127	-	30
United Kingdom ^a (03.12.)	747	-	161	-

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

^aData includes all probable cases for England only. Does not include Scotland (1 274 cumulative hospitalisations), Wales (423) and Northern Ireland (563).

Table 2. Reported number of new and cumulative confirmed fatal Pandemic (H1N1) 2009 influenza cases in EU and EFTA countries, as 04 December 2009, 09:00 hours CEST, and in the rest of the world by country, as of 03 December 2009, 16:00 hours CEST.

Country	Number of new fatal cases since previous national update	Cumulative number of fatal cases
EU AND EFTA COUNTRIES		
Austria	-	3
Belgium	1	14
Bulgaria	-	5
Czech Republic	2	22
Denmark	-	9
Estonia	-	1
Finland	-	17
France	10	124 ^a
Germany	-	66
Greece	-	21
Hungary	-	8
Iceland	-	2
Ireland	1	18
Italy	4	111
Latvia	3	12
Lithuania	-	6
Luxembourg	-	2
Malta	-	3
Netherlands	-	36
Norway	-	25
Poland	-	24
Portugal	-	23
Romania	1	6
Slovakia	-	1
Slovenia	-	7
Spain	34	169
Sweden	1	16
Switzerland	-	3
United Kingdom	20	270
Total	77	1024
OTHER EUROPEAN COUNTRIES & CENTRAL ASIA		
Belarus	-	20
Bosnia and Herzegovina	-	3
Croatia	-	19
Former Yugoslav Republic of Macedonia	-	4

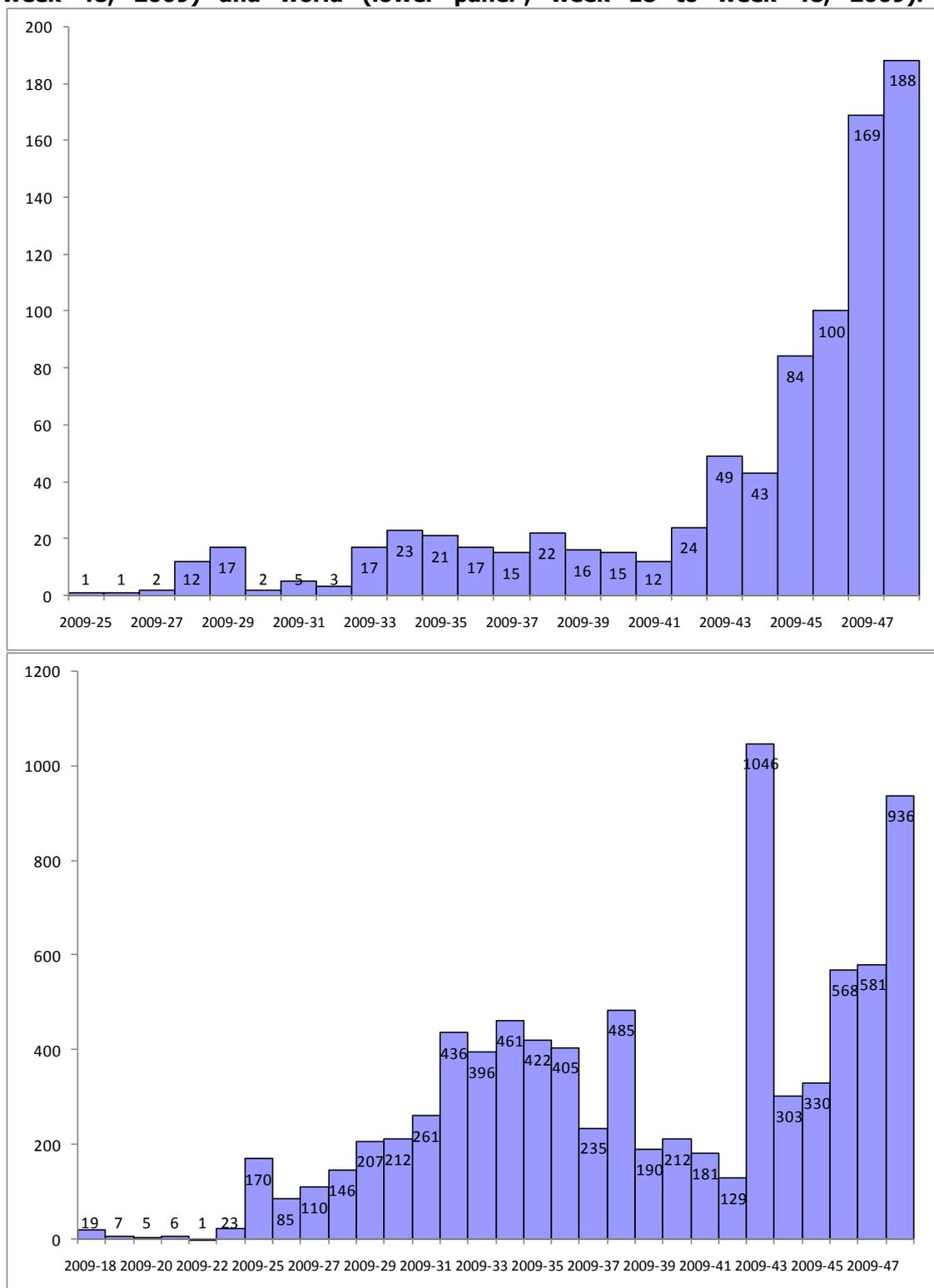
Kosovo	3	10
Moldova	-	13
Montenegro	1	1
Russia	-	19
Serbia	-	22
Ukraine	-	41
Total	4	154
MEDITERRANEAN AND MIDDLE-EAST		
Algeria	3	7
Bahrain	-	7
Egypt	2	23
Iran	-	140
Iraq	11	26
Israel	3	66
Jordan	-	14
Kuwait	-	27
Lebanon	-	3
Libya	-	1
Morocco	-	4
Occupied Palestinian Territory	-	9
Oman	-	27
Qatar	-	8
Saudi Arabia	-	81
Syria	-	50
Tunisia	-	2
Turkey	-	195
United Arab Emirates	-	6
Yemen	-	22
Total	19	718
AFRICA		
Ghana	-	1
Madagascar	-	2
Mauritius	-	8
Mozambique	-	2
Namibia	-	1
Sao Tome & Principe	-	2
South Africa	-	92
Sudan	-	1
Tanzania	-	1
Total	-	110

NORTH AMERICA		
Canada	-	329
Mexico	-	656
USA	175	1817
Total	175	2802
CENTRAL AMERICA & CARIBBEAN		
Bahamas	-	4
Barbados	-	3
Cayman Islands	-	1
Costa Rica	-	40
Cuba	7	27
Dominican Republic	-	23
El Salvador	-	27
Guatemala	-	18
Honduras	-	16
Jamaica	-	6
Nicaragua	-	11
Panama	-	11
Saint Kitts and Nevis	-	1
Saint Lucia	-	1
Suriname	-	2
Trinidad-Tobago	-	5
Total	7	196
SOUTH AMERICA		
Argentina	-	613
Bolivia	-	58
Brazil	-	1528
Chile	-	148
Colombia	-	163
Ecuador	-	88
Paraguay	-	52
Peru	-	200
Uruguay	-	33
Venezuela	1	115
Total	1	2998
NORTH-EAST & SOUTH ASIA		
Afghanistan	-	16
Bangladesh	-	6
China (Mainland)	-	178
Hong Kong SAR China	2	43

India	12	591
Japan	-	28
Macao SAR China	-	2
Maldives	-	1
Mongolia	-	24
Pakistan	-	1
South Korea	13	117
Sri Lanka	-	5
Taiwan	2	32
Total	29	1044
SOUTH-EAST ASIA		
Brunei Darussalam	-	1
Cambodia	-	5
Indonesia	-	10
Laos Peoples Democratic Republic	-	1
Malaysia	-	77
Philippines	-	30
Singapore	-	19
Thailand	-	187
Vietnam	-	44
Total	-	374
AUSTRALIA & PACIFIC		
Australia	-	190
Cook Islands	-	1
Marshall Islands	-	1
New Zealand	-	20
Samoa	-	2
Solomon Islands	-	1
Tonga	-	1
Total	-	216
TOTAL	312	9634

^a Deaths reported from France include 1 in Guyana, 9 in New Caledonia, 7 in the French Polynesia, 7 in the Reunion, 1 in Martinique, 2 in Mayotte, 5 in Guadeloupe and 92 in mainland France.

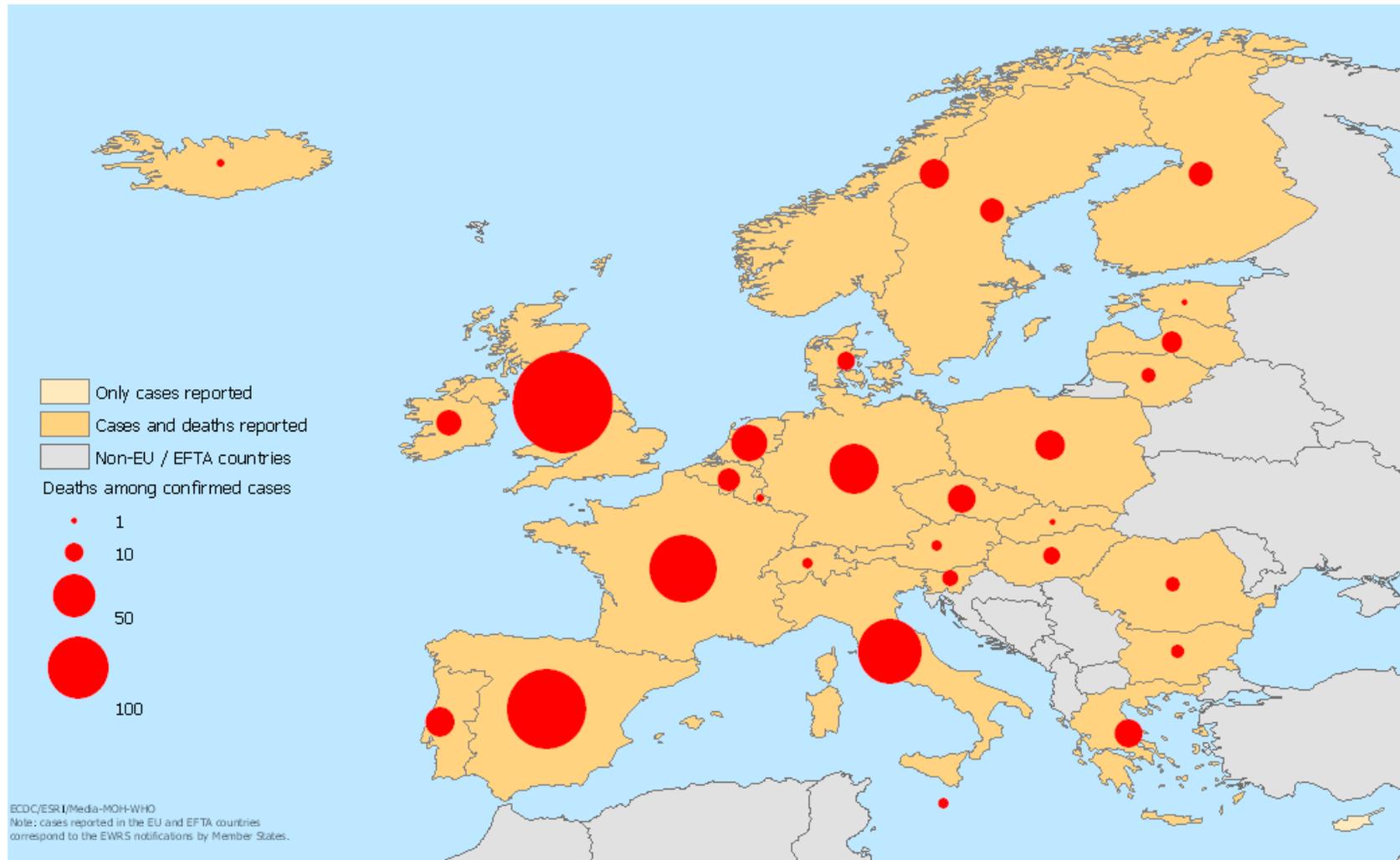
Figure 1: Number of confirmed deaths among pandemic (H1N1) 2009 influenza cases by week of notification. EU and EFTA countries (upper panel, week 25 to week 48, 2009) and world (lower panel^a, week 18 to week 48, 2009).



Notification week

^a The apparent increase in the number of deaths in week 43 is due to the aggregate reporting of fatal cases from Brazil from weeks 37 to 40 and to our batch report of US fatal cases since August 1st.

Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v in EU and EFTA countries, as of 04 December 2009, 9.00 CEST



Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v and country reporting status by country, as of 03 December 2009, 16.00 CEST

