

ECDC DAILY UPDATE

Pandemic (H1N1) 2009

Update 14 October 2009,
09:00 hours CEST

Main developments in past 24 hours

- Total of 204 fatal cases in Europe and EFTA countries and 4 499 in the rest of the world have been reported up to date.
- A WHO expert meeting describes the recent circulation of influenza viruses. It recommended including an A(H1N1) 2009 in the 2010 Southern Hemisphere seasonal vaccines plus changing the A(H3N2) component.
- Second European report of transmission of the pandemic A(H1N1) 2009 influenza virus from humans to pigs (Norway).
- Russian National Regulatory Agency has approved vaccines against influenza A(H1N1) 2009.

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 fatal cases, as of 13 October 2009 16:00 hours CEST, for the world, and 14 October 09:00 hours CEST, for Europe is presented in Table 2.

Public Health Development

Recommendation to include influenza A(H1N1) 2009 in the 2010 Southern Hemisphere seasonal vaccines plus change of the influenza A(H3N2) component.

Twice a year WHO leads a process whereby experts from the [Global Influenza Surveillance Network](#) review the most up to date information on the world-wide circulation of viruses and make recommendations for next season's seasonal vaccine. The meeting for the Southern Hemisphere vaccine recently met and has now reported. The report (see link below) is a useful compilation of global trends namely: the emergence and spread of the pandemic A(H1N1) 2009 and its eclipse of seasonal (AH1N1) and a limited but persistent emergence of A(H3N2) outside of the vaccine protection afforded by current vaccine strains. Hence the meeting recommended the use of pandemic vaccine strains in future seasonal protection, dropping the current seasonal A(H1N1) and a change in the A(H3N2) component. However it did not go so far as recommending a combined vaccine. That will be considered at a further WHO expert meeting later this month.

http://ecdc.europa.eu/en/activities/sciadvice/Lists/ECDC%20Reviews/ECDC_DispForm.aspx?List=512ff74f%2D77d4%2D4ad8%2Db6d6%2Dbf0f23083f30&ID=666&Source=http%3A%2F%2Fstaging%2Eecdcdmz%2Eeuropa%2Eeu%2Fen%2Factivities%2Fsciadvice%2FLists%2FECDC%2520Reviews%2FAIItems%2Easpx

Second European report of transmission of the pandemic A(H1N1) 2009 influenza virus from humans to pigs (Norway)

The Norwegian Veterinary Authorities yesterday filed with the World Organization for Animal Health (OIE) a case of transmission of pandemic A(H1N1) 2009 virus from a Norwegian farmer to a pig. The farmer tested positive for the virus Oct 7, and the pig tested positive 3 days later, the report said. No other pigs in the herd of 850 were reported ill.

http://www.oie.int/wahis/reports/en_imm_0000008515_20091012_113459.pdf

Epidemiologic update

All 27 EU and 4 EFTA countries are reporting cases of pandemic (H1N1) 2009 influenza. Since April 2009, a total 204 deaths have been reported; the information is available in Table 2.

The latest available updates as of October 13, 2009, at 16:00, on new and on confirmed fatal pandemic (H1N1) cases outside the EU/EFTA area by country, are also presented in Table 2.

The latest available updates on hospital admissions per Member State are presented in Table 1.

Other updates

The Russian National Regulatory Agency has approved vaccines against influenza A(H1N1) 2009. They have licensed a live attenuated monovalent vaccine, Ifuvir, and an inactivated monovalent vaccine Pandeflu. Vaccines are produced by the company Microgen.

Daily Update contents

ECDC has now stopped publishing numbers of confirmed cases reported from EU/EFTA member states – as well as from other countries around the world – in its Daily Update. This is due to the fact that most European countries are now recommending laboratory confirmation only in certain population groups, such as the risk groups. The World Health Organization has also recommended that countries verify only the first few hundred cases; after that exhaustive sampling is not recommended any more.

We will continue to monitor the evolution of the pandemic within Europe mirrored by the number of fatal cases by country and through the Weekly Influenza Surveillance Overview which is published on Fridays. For the countries outside of Europe, we will monitor the number of fatal cases by country and monitor the surveillance reports of selected non-European countries. It must be emphasized that the numbers of fatal cases per country associated with pandemic influenza are likely to be gross underestimates. Access to healthcare, the quality of the laboratory network in the country, the quality of the surveillance system and the case definition used for identifying fatal cases all affect these figures and will vary from country to country.

Daily Updates will be produced by 09:00hrs every morning Monday to Friday. No updates will be produced during weekends and the Daily Update published on Monday includes the weekend's information. The production cycle will be reviewed as needed.

Table 1: Reported number of confirmed Pandemic (H1N1) 2009 influenza cases admitted to hospitals and intensive care by country as of 14 October 2009, 09:00 hours (CEST) in the 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 (09.10.)	-	-	-	-
Belgium (08.10.)	-	-	-	-
Bulgaria	-	-	-	-
Cyprus	-	-	-	-
Czech Republic (08.10.)	-	-	-	-
Denmark (07.10.)	-	-	-	-
Estonia (04.09.)	0	0	0	0
Finland (07.10.)	-	-	-	-
France (07.10.)	15	199	4	26
Germany (08.10.)	-	-	-	-
Greece (08.10.)	-	-	-	-
Hungary (19.09.)	-	32	-	-
Iceland (08.10.)	5	9	1	1
Ireland (08.10.)	17	204	-	17
Italy (07.10)	-	1053	-	-
Latvia (13.08.)	-	1	-	-
Liechtenstein (13.10.)	-	-	-	-
Lithuania (13.08.)	-	-	-	-
Luxembourg (02.10.)	-	-	0	0
Malta (04.09.)	-	46	-	1
Netherlands (09.10.)	13	126	0	19
Norway (07.10.)	8	79	5	14
Poland (13.10.)	-	-	-	-
Portugal (07.10.)	15	-	5	-
Romania (12.10)	-	-	-	-
Slovakia (12.08.)	2	33	0	0
Slovenia (10.08.)	-	-	-	-
Spain (08.10.)	-	-	-	-
Sweden (08.10.)	10	121	-	-
Switzerland (13.10.)	-	23	-	1
United Kingdom ^a (08.10.)	290	-	47	-

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.

^aData includes all probable cases for England only. Does not include Scotland (208 cumulative hospitalisations), Wales (71) and Northern Ireland (216).

Table 2. Reported number of new and cumulative confirmed fatal Pandemic (H1N1) 2009 influenza cases in EU and EFTA countries, as 14 October 2009, 09:00 hours CEST, and in the rest of the world by country, as of 13 October 2009, 16:00 hours CEST.

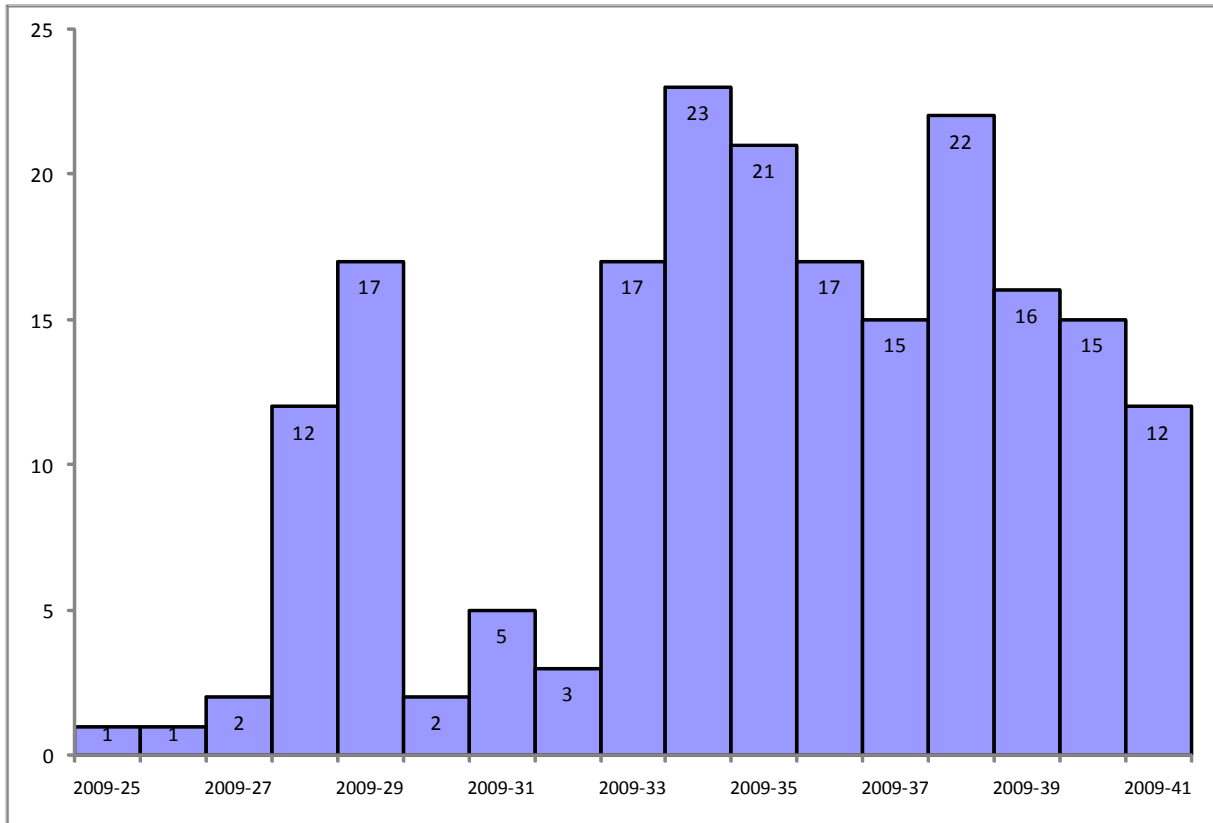
Country	Number of new fatal cases since previous national update	Cumulative number of fatal cases
EU AND EFTA COUNTRIES		
Belgium	-	2
Bulgaria	-	1
France	-	31 ^a
Germany	-	2
Greece	-	3
Hungary	-	3
Ireland	-	4
Italy	-	4
Luxembourg	-	1
Malta	-	3
Netherlands	-	4
Norway	-	6
Portugal	-	2
Spain	-	43
Sweden	-	2
United Kingdom	-	93
OTHER EUROPEAN COUNTRIES & CENTRAL ASIA		
No deaths reported	-	-
MEDITERRANEAN AND MIDDLE-EAST		
Bahrain	-	6
Egypt	-	3
Iran	-	7
Iraq	-	2
Israel	-	31
Jordan	1	1
Kuwait	-	10
Lebanon	-	2
Occupied Palestinian Territory	-	1
Oman	-	23
Qatar	-	3
Saudi Arabia	-	36
Syria	-	2
United Arab Emirates	-	6
Yemen	2	13
AFRICA		
Ghana	-	1

Madagascar	-	1
Mauritius	-	8
Mozambique	-	2
Namibia	-	1
South Africa	-	91
NORTH AMERICA		
Canada	-	79
Mexico	-	248
USA	-	593
CENTRAL AMERICA & CARIBBEAN		
Barbados	-	2
Cayman Islands	-	1
Costa Rica	-	38
Cuba	-	7
Dominican Republic	-	22
El Salvador	-	20
Guatemala	-	13
Honduras	-	16
Jamaica	-	5
Nicaragua	-	11
Panama	-	11
Saint Kitts and Nevis	-	1
Suriname	-	2
SOUTH AMERICA		
Argentina	-	580
Bolivia	-	56
Brazil	-	899
Chile	-	134
Colombia	-	101
Ecuador	-	67
Paraguay	-	52
Peru	-	153
Uruguay	-	33
Venezuela	-	89
NORTH-EAST & SOUTH ASIA		
Bangladesh	-	4
China (Mainland)	-	1
Hong Kong SAR China	-	29
India	-	389
Japan	-	20
Macao SAR China	-	1
South Korea	1	15

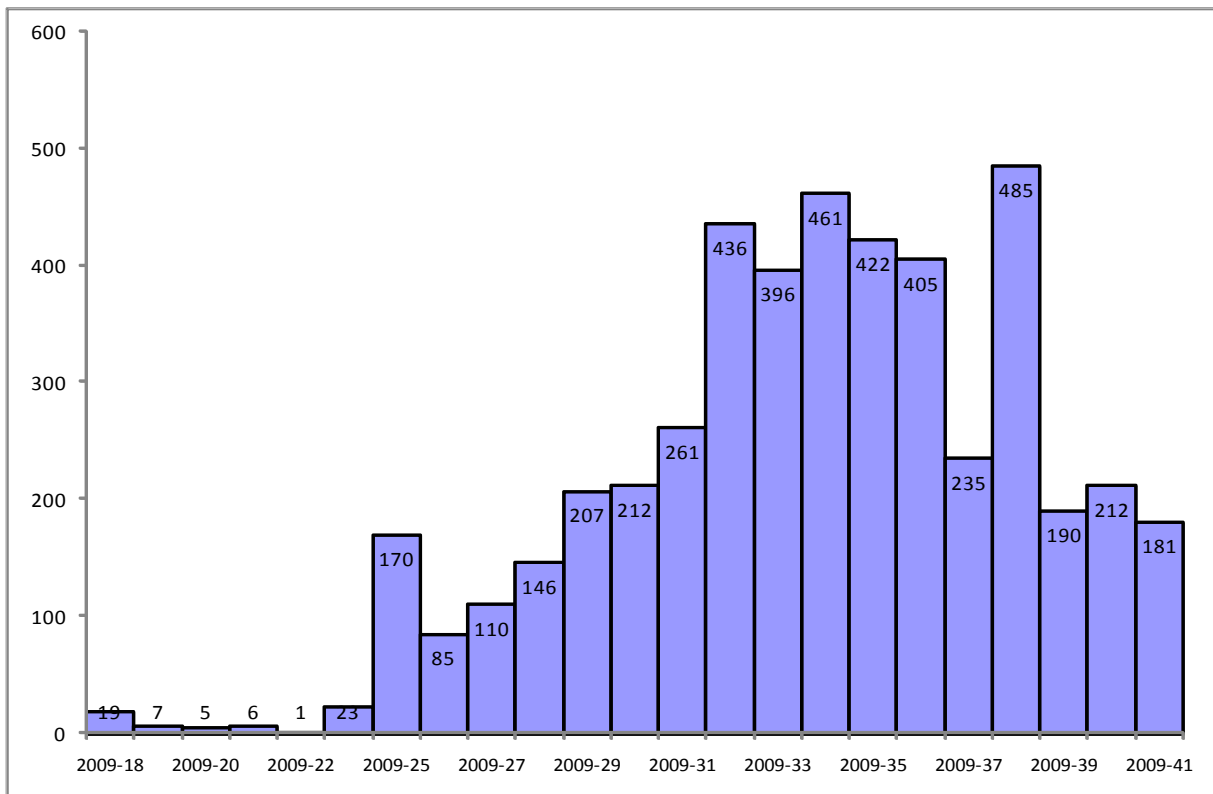
Taiwan	-	22
SOUTH-EAST ASIA		
Brunei Darussalam	-	1
Cambodia	-	3
Indonesia	-	10
Laos Peoples Democratic Republic	-	1
Malaysia	-	77
Philippines	-	28
Singapore	-	18
Thailand	-	165
Vietnam	-	23
AUSTRALIA & PACIFIC		
Australia	-	185
Cook Islands	-	1
Marshall Islands	-	1
New Zealand	-	18
Samoa	-	2
Solomon Islands	-	1
Tonga	-	1
TOTAL	4	4703

^a Deaths reported from France include 1 in Guyana, 9 in New Caledonia, 7 in the French Polynesia, 6 in the Reunion, 1 Martinique and 7 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 41, 2009) and world (lower panel, week 18 to week 41, 2009).

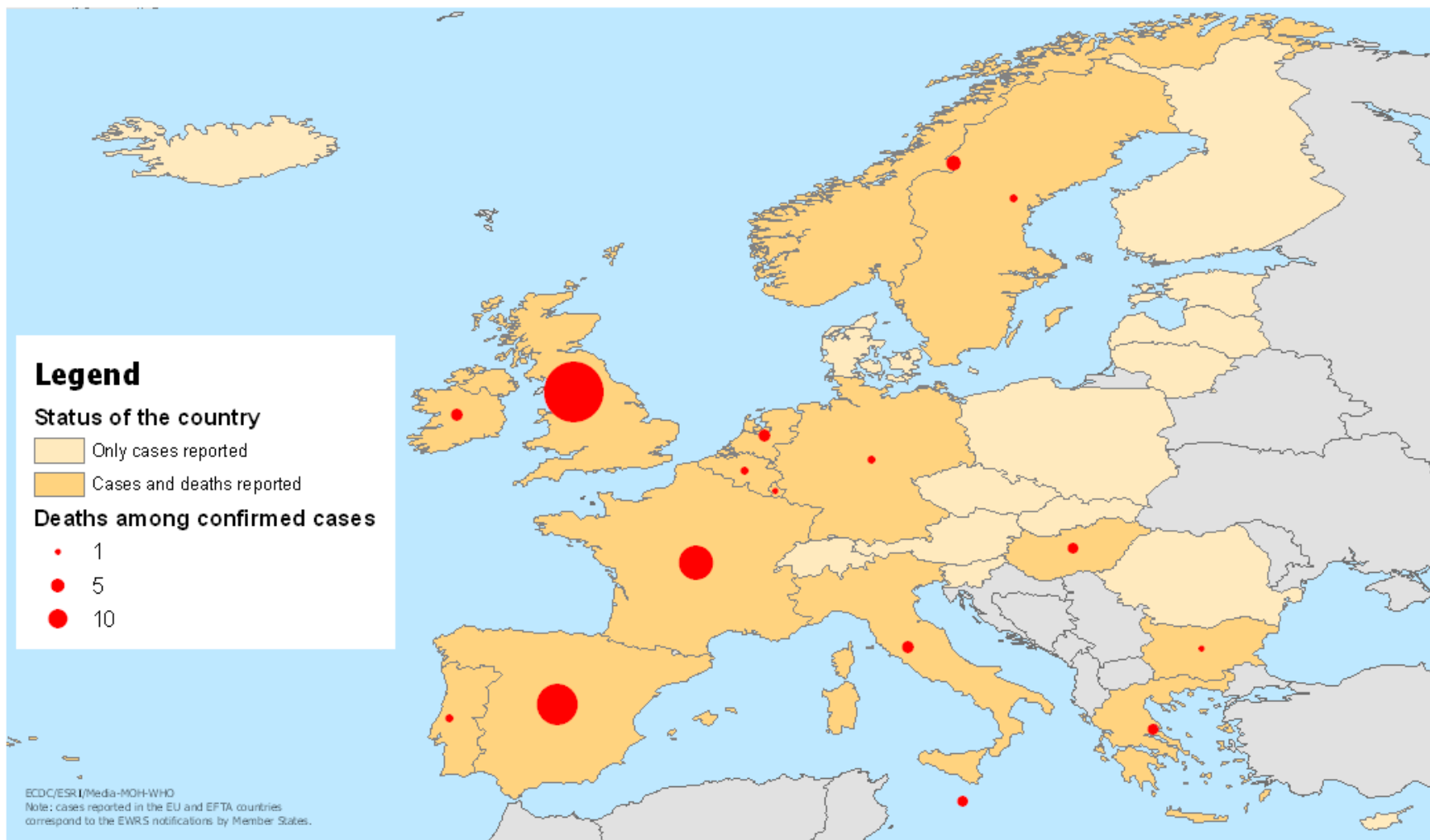


Notification week



Notification week

Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v in EU and EFTA countries, as of 14 October 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 13 October 2009, 16:00 hours CEST

