

ECDC DAILY UPDATE

Pandemic (H1N1) 2009

Update 30 September 2009,
09:00 hours CEST

Main developments in past 24 hours

- European Commission authorised two pandemic influenza vaccines;
- First European report of transmission of the pandemic A(H1N1) 2009 influenza virus from humans to pigs (UK);
- Total of 174 fatal cases in Europe and EFTA countries and 4160 in the rest of the world have been reported up to date.

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 29 September 2009 16:00 hours CEST, for the world, and 30 September 09:00 hours CEST, for Europe is presented in Table 2.

General update

European Commission authorised two pandemic influenza vaccines

Following the positive scientific opinion issued by the Committee for Medicinal Products for Human Use (CHMP) at the European Medicines Agency (EMA) on 24 September, the European Commission granted variations to two existing authorisations for vaccines for influenza pandemic (H1N1) 2009 yesterday. The products concerned are Focetria® (Novartis), and Pandemrix® (GlaxoSmithKline). The vaccines will be authorised for use in all Member States of the EU and the EEA (Iceland, Liechtenstein and Norway). That should ensure that sufficient vaccines will be available before the start of the flu season and will reduce the risks for illnesses and deaths for European Citizens.

Full EC press release available at: <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/09/1384>

Public Health Development

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

The [UK's Department of Agriculture and Rural Development of Northern Ireland \(DARDNI\)](#) has confirmed that a pig herd has tested positive for the human pandemic influenza A(H1N1)2009. The confirmation was reported to the [Department of Environment, Food and Rural Affairs \(DEFRA\) central office in London](#), which subsequently reported it to the [OIE](#) on the 18/09/2009. Following the action taken in other countries with similar human to animal transmissions, none of the animals were slaughtered. The OIE report mentions that no known cases of human flu are currently associated with this outbreak. The [Food Standards Agency](#) has advised, in line with [WHO](#) and international guidance, that influenza A(H1N1) 2009 does not pose a food safety risk to consumers.

The Full Public Health Development can be found at:

http://www.ecdc.europa.eu/en/activities/sciadvice/Lists/ECDC%20Reviews/ECDC_DispForm.aspx?List=512ff74f%2D77d4%2D4ad8%2Db6d6%2Dbf0f23083f30&ID=662&RootFolder=%2Fen%2Factivities%2Fsciadvice%2FLists%2FECDC%20Reviews

Epidemiologic update

All 27 EU and 4 EFTA countries are reporting cases of pandemic (H1N1) 2009 influenza. Since April 2009, a total 174 deaths have been reported; the information is available on Table 2. In the past 24 hours no fatal cases were announced.

The latest available updates as of September 30th, 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.

Daily Update contents

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

We will continue to monitor the evolution of the pandemic within Europe with 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 number of fatal cases per country are likely to be gross underestimates of the true number of fatal cases associated with pandemic influenza. 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 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 30 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 (20.9.)	3	38	-	-
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 (29.9.)	-	-	-	-
Greece (22.9.)	-	54	1	13
Hungary (19.9.)	-	32	-	-
Iceland (25.9.)	0	1	0	0
Ireland (24.9.)	17	131	0	10
Italy (23.9)	61	704	-	-
Latvia (13.8.)	-	1	-	-
Liechtenstein (29 .9.)	-	-	-	-
Lithuania (13.8.)	-	-	-	-
Luxembourg (25.9.)	-	-	0	0
Malta (04.9.)	-	46	-	1
Netherlands (25.9.)	10	100	0	17
Norway (24.9.)	6	42	3	7
Poland (28.9.)	-	-	-	-
Portugal (23.9.)	20	-	3	8
Romania (27.9)	-	18	-	-
Slovakia (12.8.)	2	33	0	0
Slovenia (10.8.)	-	-	-	-
Spain (20.8.)	-	-	32	91
Sweden (24.9.)	-	-	0	0
Switzerland (29.9.)	-	22	-	1
United Kingdom ^a (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.

^aData includes all probable cases for England only. Does not include Scotland (143 cumulative hospitalisations), Wales (48) and Northern Ireland (97).

Table 2. Reported number of new and cumulative confirmed fatal Pandemic (H1N1) 2009 influenza cases in EU and EFTA countries, as 30 September, 09:00 hours CEST, and in the rest of the world by country, as of 29 September 2009, 16:00 hours CEST.

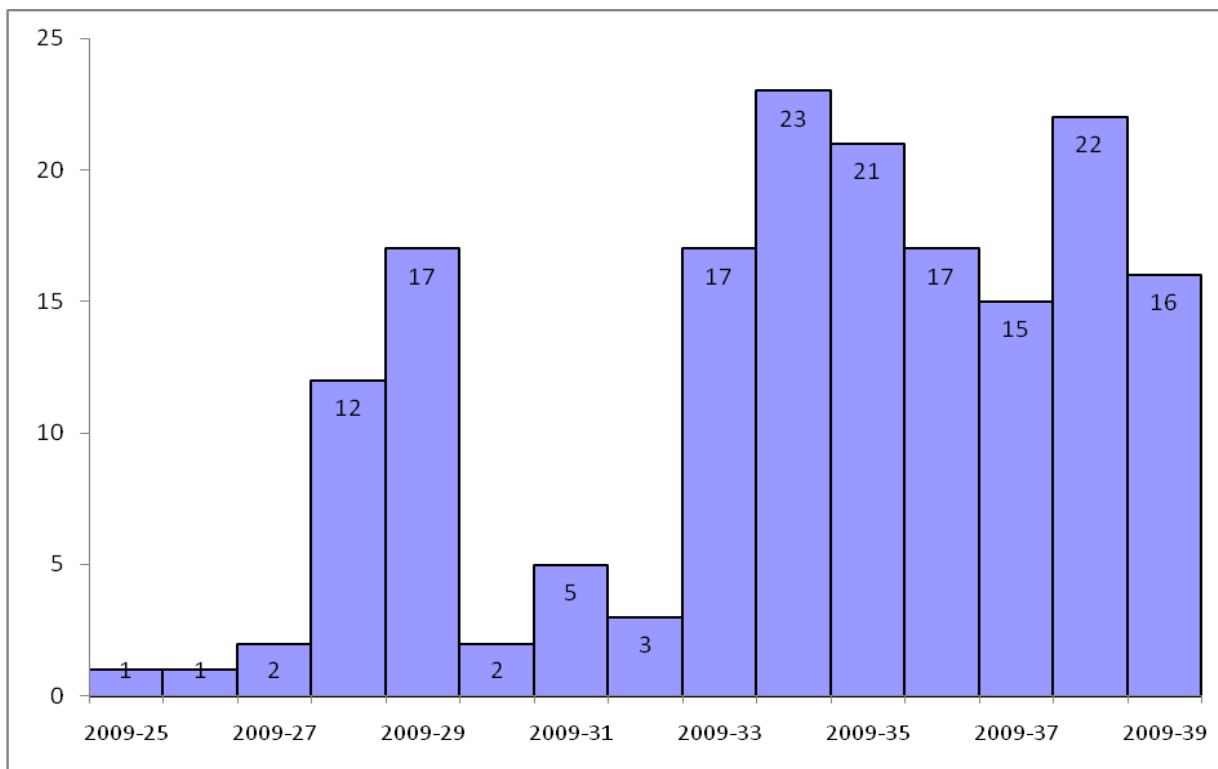
Country	Number of new fatal cases since previous national update	Cumulative number of fatal cases
EU AND EFTA COUNTRIES		
Belgium	-	1
France	-	29 ^a
Greece	-	3
Hungary	-	2
Ireland	-	2
Italy	-	3
Luxembourg	-	1
Malta	-	3
Netherlands	-	4
Norway	-	4
Portugal	-	2
Spain	-	36
Sweden	-	2
United Kingdom	-	82
OTHER EUROPEAN COUNTRIES & CENTRAL ASIA		
No deaths reported	-	-
MEDITERRANEAN AND MIDDLE-EAST		
Bahrain	-	3
Egypt	-	2
Iran	-	4
Iraq	-	1
Israel	-	23
Kuwait	-	7
Lebanon	-	2
Occupied Palestinian Territory	-	1
Oman	-	21
Qatar	-	3
Saudi Arabia	-	28
Syria	-	2
United Arab Emirates	-	6
Yemen	-	6
AFRICA		
Ghana	-	1
Madagascar	-	1
Mauritius	-	8

Mozambique	-	2
Namibia	-	1
South Africa	-	59
NORTH AMERICA		
Canada	-	78
Mexico	-	226
USA	-	593
CENTRAL AMERICA & CARIBBEAN		
Cayman Islands	-	1
Costa Rica	-	37
Dominican Republic	-	21
El Salvador	-	19
Guatemala	-	13
Honduras	-	15
Jamaica	-	4
Nicaragua	-	9
Panama	-	11
Saint Kitts and Nevis	-	1
Suriname	-	2
SOUTH AMERICA		
Argentina	-	538
Bolivia	4	47
Brazil	-	899
Chile	-	132
Colombia	-	82
Ecuador	-	60
Paraguay	-	52
Peru	10	143
Uruguay	-	33
Venezuela	-	76
NORTH-EAST & SOUTH ASIA		
Bangladesh	-	4
Hong Kong SAR China	1	22
India	25	302
Japan	-	18
Macao SAR China	-	1
South Korea	-	11
Taiwan	1	18
SOUTH-EAST ASIA		
Brunei Darussalam	-	1
Cambodia	-	1
Indonesia	-	10

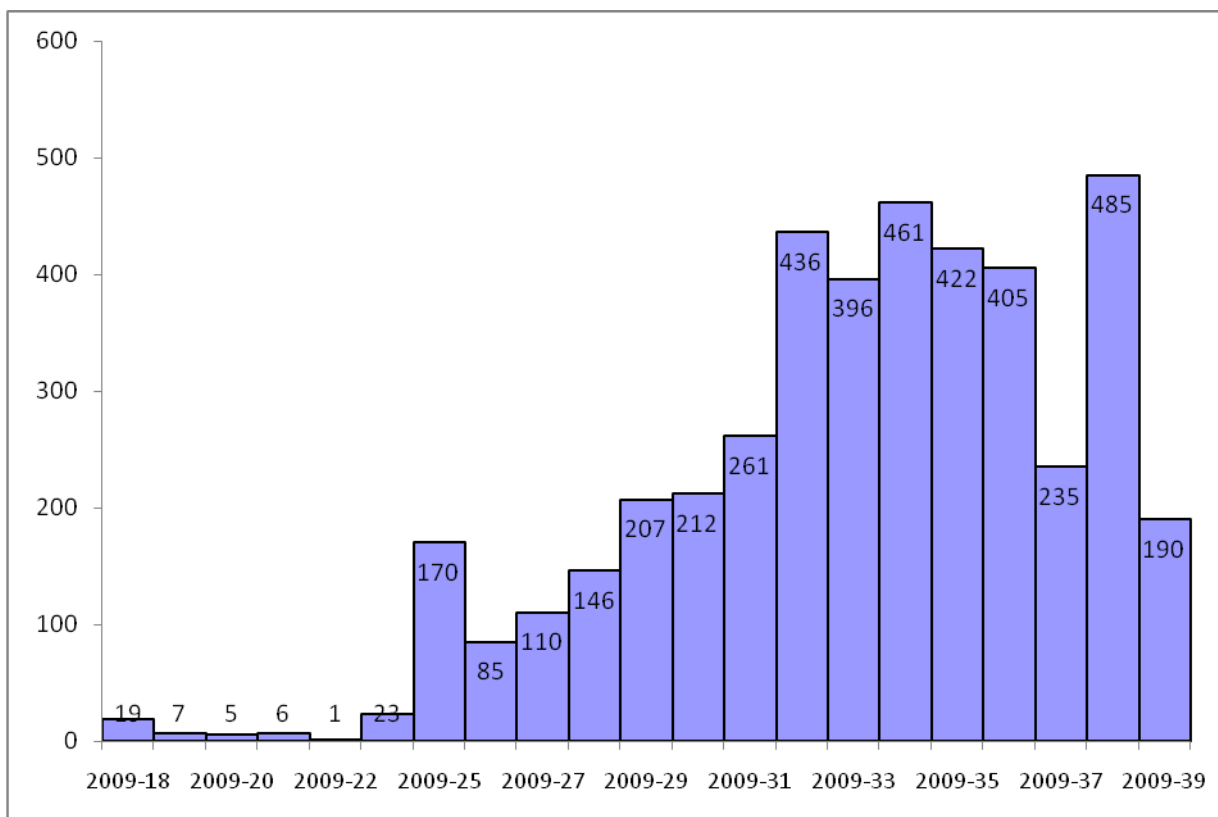
Laos Peoples Democratic Republic	-	1
Malaysia	-	77
Philippines	-	28
Singapore	-	18
Thailand	-	160
Vietnam	1	14
AUSTRALIA & PACIFIC		
Australia	-	178
Cook Islands	-	1
Marshall Islands	-	1
New Zealand	-	17
Samoa	-	2
Solomon Islands	-	1
Tonga	-	1
TOTAL	42	4334

^a 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.

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 39, 2009) and world (lower panel, week 18 to week 39, 2009).

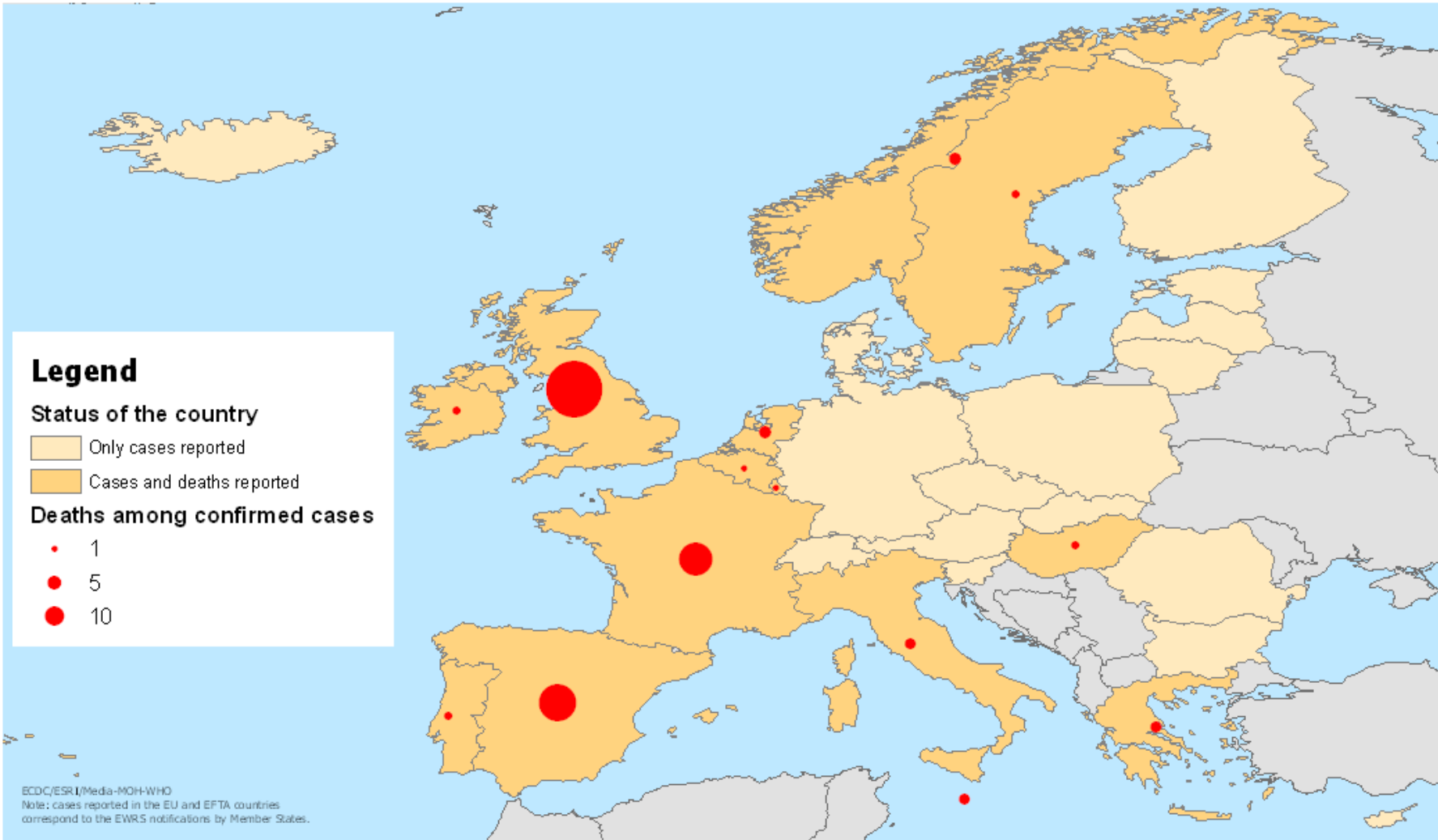


Notification week



Notification week

Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v in EU and EFTA countries, as of 30 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 29 September 2009, 16:00 hours CEST

