

ECDC DAILY UPDATE

Pandemic (H1N1) 2009

Update 15 September 2009,
17:00 hours CEST

Main developments in past 24 hours

- First Published Trials of Specific Pandemic Vaccines - Immune responses after one or two doses of monovalent unadjuvanted and adjuvanted influenza A (H1N1) 2009 vaccines;
- 114 new cases reported in the EU and EFTA countries, reaching a total of 50 892 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 15 September 2009, 16:00 hours CEST, is presented in Table 1 and Table 2.

***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.*

Scientific advance

First published trials of specific pandemic vaccines

Two new articles report first immunogenicity and safety data after vaccinating with one dose of monovalent unadjuvanted or one-two doses of monovalent adjuvanted influenza A (H1N1) 2009 vaccines.

The full ECDC review and CDC comments are available at:

<http://ecdc.europa.eu/en/activities/sciadvice/Lists/ECDC%20Reviews/DispForm.aspx?ID=649>

Epidemiologic update

All 27 EU and 4 EFTA countries are reporting cases of pandemic (H1N1) 2009 influenza. Since April 2009, a total of 50892 confirmed cases and 137 deaths have been reported (Table 1). In the past 24 hours, 114 cases were reported from the EU and EFTA countries. Out of the 137 reported deaths, one new fatal case is reported from Greece.

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

The latest available updates on new and on confirmed fatal pandemic (H1N1) cases outside of the EU/EFTA area by country are presented in Table 3.

Table 1: Reported new confirmed cases and cumulative number of Pandemic (H1N1) 2009 influenza and cumulative deaths among confirmed cases by country as of 15 September 2009, 16:00 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 ^a
Austria (10.9.)	-	347	-
Belgium (30.7.)	-	126	1
Bulgaria (11.9.)	-	68	-
Cyprus (14.7.)	-	297	-
Czech Republic (07.9.)	-	277	-
Denmark (09.9.)	-	598	-
Estonia (14.9.)	-	67	-
Finland (15.9.)	4	244	-
France ^b (10.9.)	-	1125	20 ^e
Germany (15.9.)	94	18326	-
Greece (15.9.)	-	1996	3
Hungary (06.9.)	-	159	1
Iceland (15.9.)	7	183	-
Ireland (06.9.)	-	831	2
Italy (06.9.)	-	2186	1
Latvia (11.9.)	-	29	-
Liechtenstein (14.9.)	-	5	-
Lithuania (08.9.)	-	51	-
Luxembourg (09.9.)	-	190	-
Malta (15.9.)	1	297	2
Netherlands ^c (27.8.)	-	1473	2
Norway (09.9.)	-	1223	2
Poland (13.9.)	-	164	-
Portugal (14.9.)	-	2825	-
Romania (15.9.)	3	330	-
Slovakia (11.9.)	-	130	-
Slovenia (10.9.)	-	235	-
Spain (10.9.)	-	1538	25
Sweden (09.9.)	-	1136	2
Switzerland (14.9.)	5	1114	-
United Kingdom ^d (10.9.)	-	13322	76
Total	114	50892	137

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.*

^a Deaths are included in the cumulative number of confirmed cases

^b Cases reported from France include those reported from the overseas territories (434).

^c Cases from the Netherlands include those reported from Aruba and the Dutch Antilles.

^d 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)

^e Deaths reported from France include 7 in New Caledonia, 6 in the French Polynesia, 3 in the Reunion and 4 in mainland France.

Table 2: Reported number of confirmed Pandemic (H1N1) 2009 influenza cases admitted to hospitals and intensive care by country as of 15 September 2009, 16:00 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 (10.9.)	-	-	-	-
Bulgaria	-	-	-	-
Cyprus	-	-	-	-
Czech Republic (07.9.)	0	-	0	-
Denmark (09.9)	-	-	-	-
Estonia (04.9.)	0	0	0	0
Finland (03.9.)	-	-	-	-
France (08.9.)	11	129	3	5
Germany (11.9.)	-	-	-	-
Greece (14.9.)	7	45	1	12
Hungary (06.9.)	-	32	-	-
Iceland (06.9.)	0	0	0	0
Ireland (10.9.)	24	91	6	9
Italy (02.9.)	-	-	1	-
Latvia (13.8.)	-	1	-	-
Liechtenstein (14.9.)	-	-	-	-
Lithuania (13.8.)	-	-	-	-
Luxembourg (04.9.)	-	-	0	0
Malta(04.9.)	-	46	-	1
Netherlands (10.9.)	13	78	1	14
Norway (09.9.)	6	11	3	4
Poland (10.9.)	-	-	-	-
Portugal (09.9.)	13	-	-	3
Romania	-	18	-	-
Slovakia (12.8.)	2	33	0	0
Slovenia (10.8.)	-	-	-	-
Spain (20.8.)	-	-	32	91
Sweden (06.9.)	8	-	-	-
Switzerland (14.9.)	10	24	-	1
United Kingdom ^b (10.9.)	132	-	23	-

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 (130 cumulative hospitalisations), Wales (46) and Northern Ireland (78).

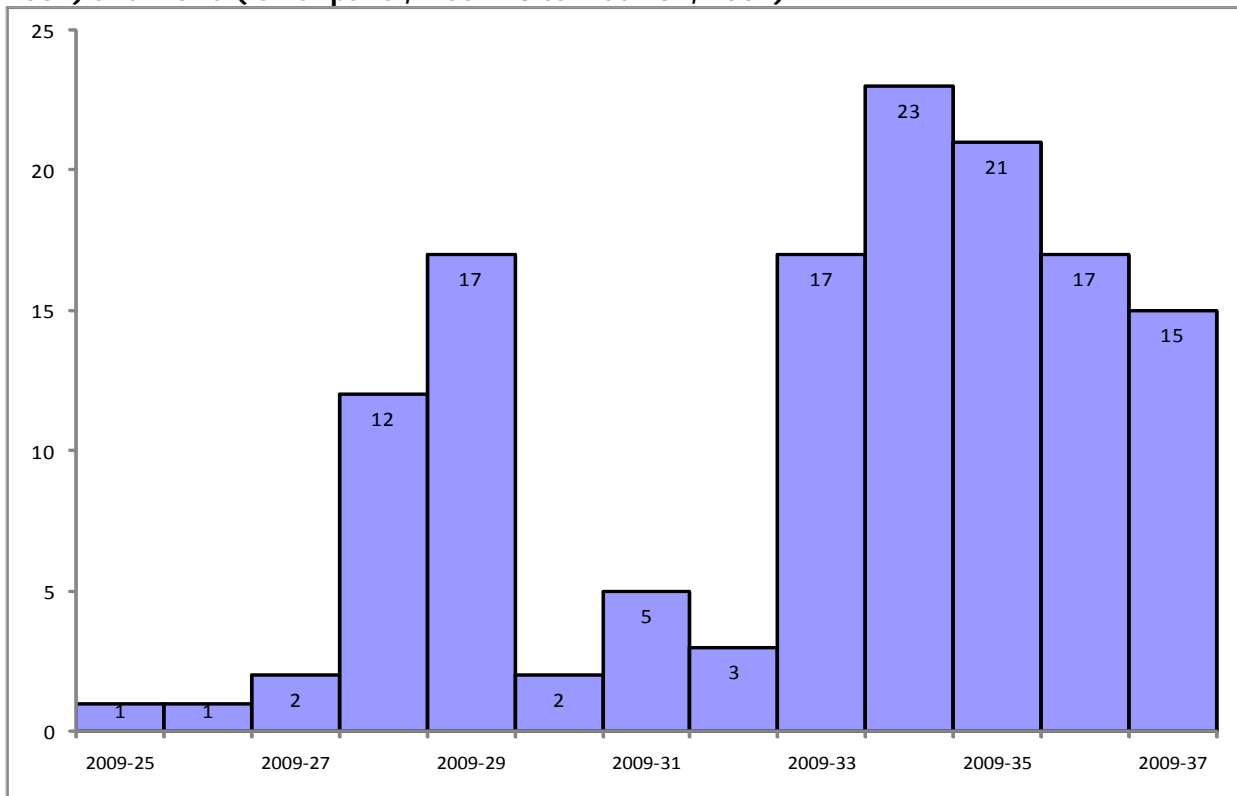
Table 3. Reported number of new and cumulative confirmed fatal Pandemic (H1N1) 2009 influenza cases by country as of 15 September 2009, 16:00 hours (CEST) outside of the EU/EFTA area

Country	Number of new fatal cases since previous national update	Cumulative number of fatal cases
OTHER EUROPEAN COUNTRIES & CENTRAL ASIA		
No deaths reported	-	-
MEDITERRANEAN AND MIDDLE-EAST		
Bahrain	-	3
Egypt	-	2
Iran	-	2
Iraq	-	1
Israel	-	22
Kuwait	-	5
Lebanon	-	2
Occupied Palestinian Territory	-	1
Oman	3	16
Qatar	-	2
Saudi Arabia	2	28
Syria	-	2
United Arab Emirates	-	6
Yemen	-	1
AFRICA		
Ghana	-	1
Madagascar	-	1
Mauritius	-	8
Namibia	-	1
South Africa	16	47
NORTH AMERICA		
Canada	-	74
Mexico	4	215
USA	-	593
CENTRAL AMERICA & CARIBBEAN		
Cayman Islands	-	1
Costa Rica	-	33
Dominican Republic	-	17
El Salvador	-	17
Guatemala	-	13
Honduras	-	14
Jamaica	-	4
Nicaragua	-	6
Panama	-	10

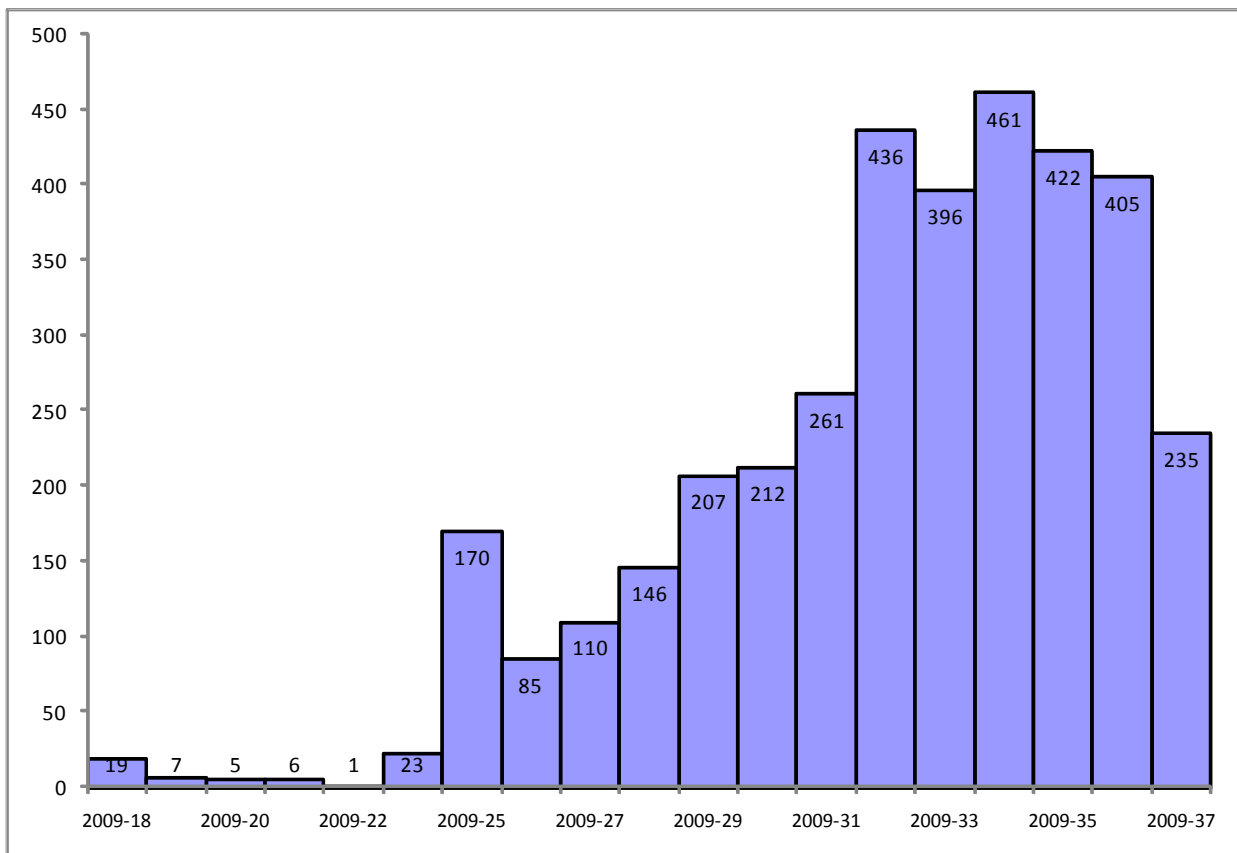
Saint Kitts and Nevis	-	1
Suriname	-	1
SOUTH AMERICA		
Argentina	2	514
Bolivia	-	35
Brazil	-	657
Chile	-	132
Colombia	-	45
Ecuador	-	55
Paraguay	-	52
Peru	12	121
Uruguay	-	33
Venezuela	2	54
NORTH-EAST & SOUTH ASIA		
Bangladesh	-	4
Hong Kong SAR China	-	13
India	13	189
Japan	-	10
Macao SAR China	-	1
South Korea	-	7
Taiwan	-	14
SOUTH-EAST ASIA		
Brunei Darussalam	-	1
Indonesia	-	10
Laos Peoples Democratic Republic	-	1
Malaysia	-	74
Philippines	-	28
Singapore	-	18
Thailand	-	142
Vietnam	-	6
AUSTRALIA & PACIFIC		
Australia	2	171
Cook Islands	-	1
Marshall Islands	-	1
New Zealand	-	17
Samoa	-	2
Tonga	-	1
TOTAL	56	3559

Note: cases reported in non-EU and EFTA countries correspond to cases published on Ministry of Health websites, or through WHO, or through credible media source 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 37, 2009) and world (lower panel, week 18 to week 37, 2009).

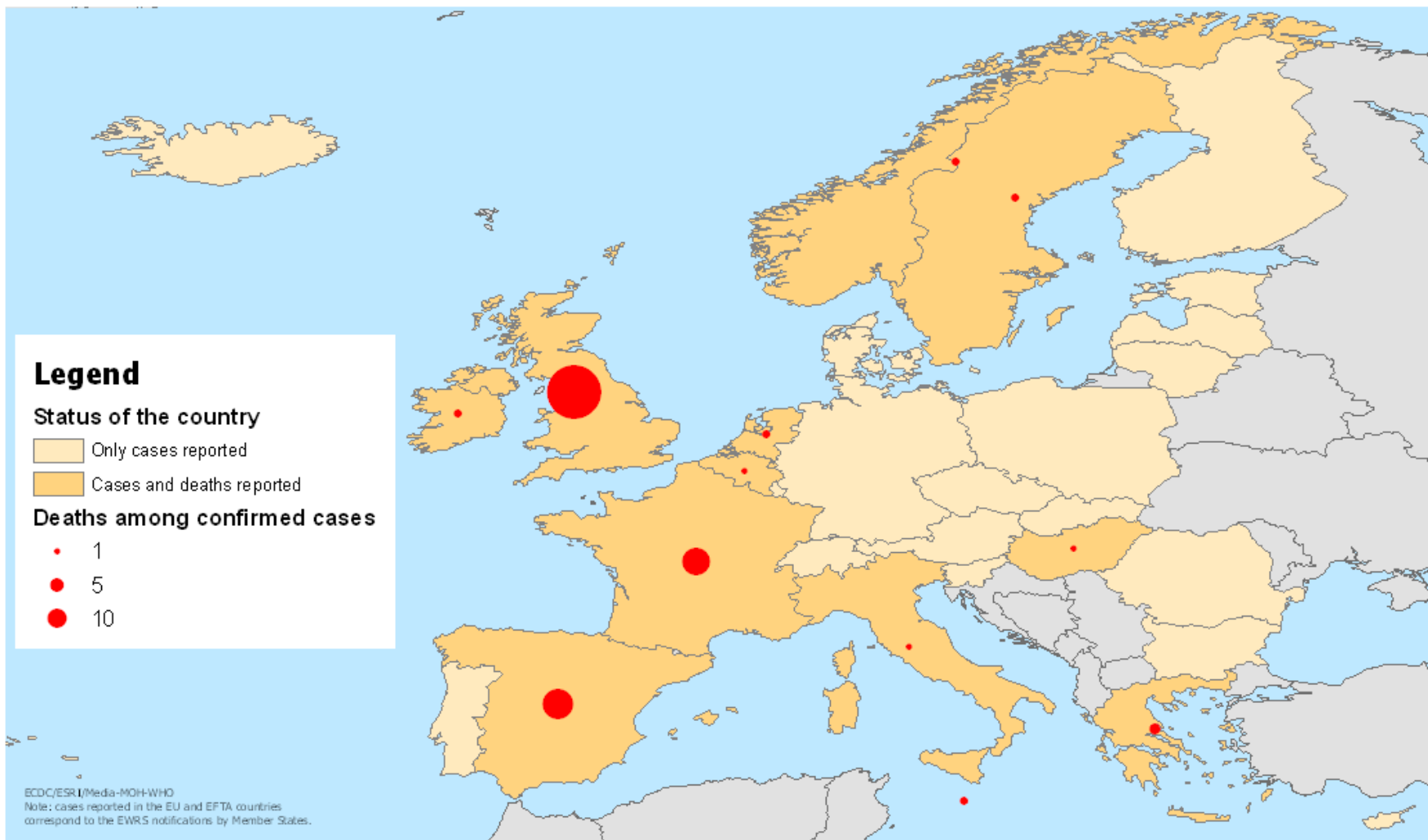


Notification week



Notification week

Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v in EU and EFTA countries, as of 15 September 2009, 16:00 hours CEST



Reported cumulative number of confirmed fatal cases of influenza A(H1N1)v and country reporting status by country, as of 15 September 2009, 16:00 hours CEST

