

Sentinelles network report from 08/27/2014, n° 2014w34 (data from 08/18/2014 to 08/24/2014)

Acute diarrhea, Chickenpox and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 08/18/2014 to 08/24/2014:

ACUTE DIARRHEA

Low activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 97 cases per 100,000 inhabitants (95% CI [69 ; 125]), **below** the epidemic threshold (179 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

CHICKENPOX

Low activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 16 cases per 100,000 inhabitants (95% CI [3 ; 29]).

Four regional clusters were reported, **high** in Champagne-Ardenne (82 cases per 100,000 inhabitants) and Nord-Pas-de-Calais (47) and **moderate** in Basse-Normandie (29) and Auvergne (21). *

[More information about this surveillance](#)

INFLUENZA-LIKE ILLNESS

Low activity

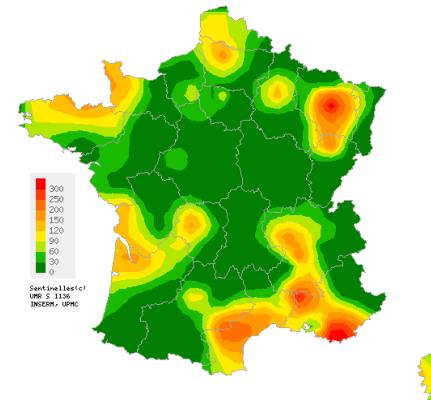
In metropolitan France, last week, the incidence rate of Influenza-like illness seen in general practice was estimated at 3 cases per 100,000 inhabitants (95% CI [0 ; 6]), **below** the epidemic threshold (85 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

The Sentinelles network team

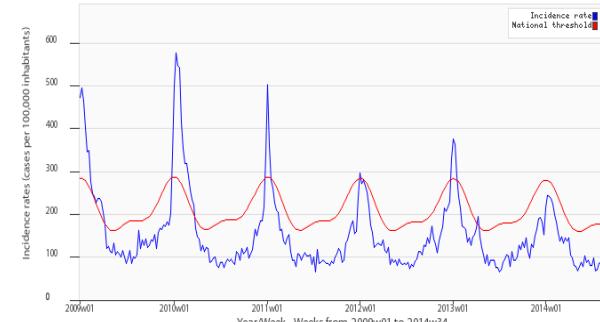
ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2014w34 (in cases per 100,000 inhabitants)



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level.
Maps available at <http://www.sentiweb.fr>

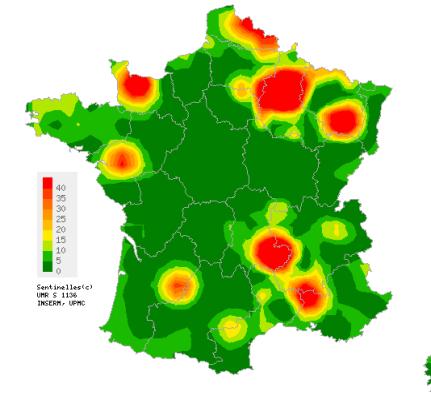
Sentinelles Network, Acute diarrhea, Metropolitan France



Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model [1].
(in cases per 100,000 inhabitants).

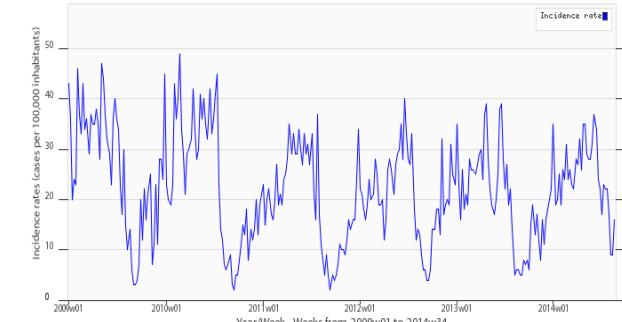
CHICKENPOX

Observations for Chickenpox
Week 2014w34 (in cases per 100,000 inhabitants)



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level.
Maps available at <http://www.sentiweb.fr>

Sentinelles Network, Chickenpox, Metropolitan France



Incidence rate.
(in cases per 100,000 inhabitants).

* The regional data are presented at the end of this report.

[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. Am J Public Health. 1991;81(1):97-9.

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2014w34 (non consolidated)	2014w33	2014w32
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	3 [0 ; 6]	4 [0 ; 8]	5 [1 ; 9]
ACUTE DIARRHEA	97 [69 ; 125]	86 [66 ; 106]	89 [69 ; 109]
CHICKENPOX	16 [3 ; 29]	9 [2 ; 16]	9 [3 ; 15]

Table 1 : Incidence rates estimation with 95% confidence interval, for each indicator, in France, over the past 3 weeks .

Regional incidence rates for week 2014w34 (per 100 000 inhabitants)	INFLUENZA-LIKE ILLNESS	ACUTE DIARRHEA	CHICKENPOX
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
Alsace	0 [0 ; 0]	18 [0 ; 64]	0 [0 ; 0]
Aquitaine	23 [0 ; 82]	88 [0 ; 196]	5 [0 ; 22]
Auvergne	0 [0 ; 0]	0 [0 ; 0]	21 [0 ; 62]
Basse-Normandie	0 [0 ; 0]	46 [0 ; 108]	29 [0 ; 77]
Bourgogne	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Bretagne	0 [0 ; 0]	84 [0 ; 178]	0 [0 ; 0]
Centre	17 [0 ; 45]	20 [0 ; 50]	0 [0 ; 0]
Champagne-Ardenne	0 [0 ; 0]	70 [0 ; 207]	82 [0 ; 230]
Corse	66 [0 ; 157]	65 [13 ; 117]	0 [0 ; 0]
Franche-Comté	0 [0 ; 0]	42 [0 ; 100]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	30 [0 ; 73]	0 [0 ; 0]
Ile-de-France	0 [0 ; 0]	56 [4 ; 108]	5 [0 ; 29]
Languedoc-Roussillon	0 [0 ; 0]	139 [38 ; 240]	3 [0 ; 14]
Limousin	0 [0 ; 0]	95 [0 ; 209]	0 [0 ; 0]
Lorraine	0 [0 ; 0]	145 [0 ; 297]	15 [0 ; 69]
Midi-Pyrénées	2 [0 ; 10]	30 [0 ; 71]	0 [0 ; 0]
Nord-Pas-de-Calais	0 [0 ; 0]	76 [0 ; 265]	47 [0 ; 205]
Pays-de-la-Loire	0 [0 ; 0]	19 [0 ; 55]	19 [0 ; 55]
Picardie	0 [0 ; 0]	84 [0 ; 232]	0 [0 ; 0]
Poitou-Charentes	0 [0 ; 0]	54 [0 ; 160]	0 [0 ; 0]
Provence-Alpes-Côte-d'Azur	0 [0 ; 0]	118 [0 ; 341]	8 [0 ; 24]
Rhône-Alpes	0 [0 ; 0]	71 [13 ; 129]	3 [0 ; 10]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2014w34 .

<p style="text-align: center;">Réseau Sentinelles Inserm-UPMC UMR-S 1136 Institut Pierre Louis d'Epidémiologie et de Santé Publique (IPLES) Faculté de Médecine Pierre et Marie Curie, site Saint-Antoine 27, rue Chaligny / 75571 Paris cedex 12 Phone. : 01 44 73 84 35 / Fax : 01 44 73 84 54 Email : sentinelles@upmc.fr</p> <p style="text-align: center;">The " Réseau Sentinelles" or Sentinelles Network (a.k.a. French Communicable Diseases Computer Network) is a network of general practitioners, working throughout the metropolitan regions of France. This group includes 1275 physicians, including 332 involved in the clinical surveillance activity, enabling the achievement of weekly newsletters. This network is developed in cooperation between Inserm, Université Pierre et Marie Curie (UPMC) and the Institut de Veille Sanitaire (InVS).</p> <p>Manager : Dominique Costagliola - Guy Thomas Head of RS : Thomas Hanslik Deputy head of RS : Thierry Blanchon Electronic surveillance system manager : Victoire Roussel Information systems, biostatistics : Clément Turbelin Editor : Yves Doriéans</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 2px;">Regional branch</th><th style="text-align: center; padding: 2px;">Head of network</th><th style="text-align: center; padding: 2px;">Regional manager</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">Méditerranée</td><td style="padding: 2px;">Jean-Pierre Amoros</td><td style="padding: 2px;">Laetitia Minodier Alessandra Falchi</td></tr> <tr> <td style="padding: 2px;">Auvergne Rhône-Alpes Midi-Pyrénées</td><td style="padding: 2px;">Marianne Sarazin</td><td style="padding: 2px;">Solange Gonzalez- Chiappe Mélina Jacquet</td></tr> <tr> <td style="padding: 2px;">Nord-Pas-de-Calais Centre</td><td style="padding: 2px;">Thierry Prazuck</td><td style="padding: 2px;">Mathieu Rivière</td></tr> </tbody> </table>	Regional branch	Head of network	Regional manager	Méditerranée	Jean-Pierre Amoros	Laetitia Minodier Alessandra Falchi	Auvergne Rhône-Alpes Midi-Pyrénées	Marianne Sarazin	Solange Gonzalez- Chiappe Mélina Jacquet	Nord-Pas-de-Calais Centre	Thierry Prazuck	Mathieu Rivière
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