

Acute diarrhea, Chickenpox and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 09/01/2014 to 09/07/2014:

ACUTE DIARRHEA

Low activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 105 cases per 100,000 inhabitants (95% CI [74 ; 136]), **below** the epidemic threshold (180 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 4 cases per 100,000 inhabitants (95% CI [0 ; 8]).

A **single regional moderate cluster** was reported, in Ile-de-France (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 6 cases per 100,000 inhabitants (95% CI [1 ; 11]), **below** the epidemic threshold (91 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

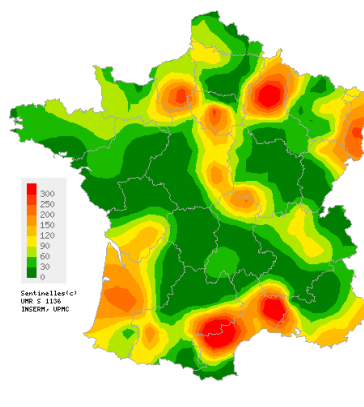
The Sentinelles network team

* 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.

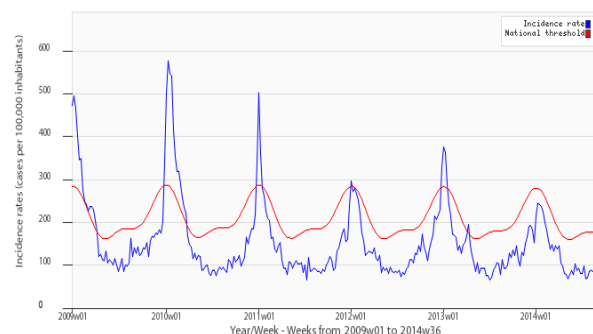
ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2014w36 (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>

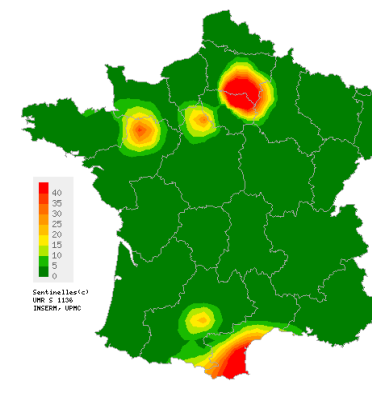
Sentinelles Network, Acute diarrhea, Metropolitan France



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

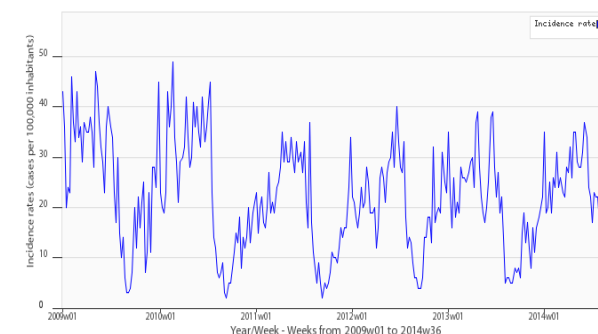
CHICKENPOX

Observations for Chickenpox
Week 2014w36 (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).

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2014w36 (non consolidated)	2014w35	2014w34
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	6 [1 ; 11]	3 [0 ; 6]	4 [1 ; 7]
ACUTE DIARRHEA	105 [74 ; 136]	108 [86 ; 130]	88 [67 ; 109]
CHICKENPOX	4 [0 ; 8]	4 [0 ; 8]	10 [2 ; 18]

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

Regional incidence rates for week 2014w36 (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]	204 [0 ; 425]	0 [0 ; 0]
Aquitaine	0 [0 ; 0]	94 [0 ; 191]	0 [0 ; 0]
Auvergne	0 [0 ; 0]	72 [0 ; 156]	0 [0 ; 0]
Basse-Normandie	0 [0 ; 0]	44 [2 ; 86]	0 [0 ; 0]
Bourgogne	0 [0 ; 0]	8 [0 ; 35]	0 [0 ; 0]
Bretagne	0 [0 ; 0]	51 [6 ; 96]	1 [0 ; 6]
Centre	6 [0 ; 31]	63 [9 ; 117]	5 [0 ; 16]
Champagne-Ardenne	0 [0 ; 0]	259 [19 ; 499]	0 [0 ; 0]
Corse	30 [0 ; 93]	131 [0 ; 262]	0 [0 ; 0]
Franche-Comté	18 [0 ; 46]	51 [0 ; 102]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	178 [4 ; 352]	0 [0 ; 0]
Ile-de-France	10 [0 ; 24]	90 [25 ; 155]	21 [0 ; 89]
Languedoc-Roussillon	0 [0 ; 0]	301 [114 ; 488]	11 [0 ; 32]
Limousin	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Lorraine	0 [0 ; 0]	39 [0 ; 84]	0 [0 ; 0]
Midi-Pyrénées	0 [0 ; 0]	67 [18 ; 116]	12 [0 ; 32]
Nord-Pas-de-Calais	0 [0 ; 0]	20 [0 ; 74]	0 [0 ; 0]
Pays-de-la-Loire	0 [0 ; 0]	27 [0 ; 68]	4 [0 ; 14]
Picardie	0 [0 ; 0]	35 [0 ; 111]	0 [0 ; 0]
Poitou-Charentes	0 [0 ; 0]	34 [0 ; 158]	0 [0 ; 0]
Provence-Alpes-Côte-d'Azur	0 [0 ; 0]	88 [0 ; 193]	0 [0 ; 0]
Rhône-Alpes	8 [0 ; 21]	73 [28 ; 118]	0 [0 ; 0]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2014w36 .

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*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 1260 physicians, including 333 involved in the clinical
surveillance activity, enabling the achievement of weekly newsletters.
This network is developped in cooperation between Inserm, Université
Pierre et Marie Curie (UPMC) and the Institut de Veille Sanitaire (InVS).*

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