

Sentinelles network report from 08/20/2014, n° 2014w33 (data from 08/11/2014 to 08/17/2014)

Acute diarrhea, Chickenpox and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 08/11/2014 to 08/17/2014:

ACUTE DIARRHEA

Low activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 103 cases per 100,000 inhabitants (95% CI [74 ; 132]), **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 3 cases per 100,000 inhabitants (95% CI [0 ; 7]).

Two moderate regional clusters were reported in Languedoc-Roussillon (35) and Corse (24). *

[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 4 cases per 100,000 inhabitants (95% CI [0 ; 9]), **below** the epidemic threshold (83 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

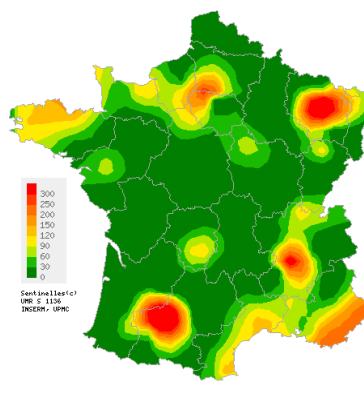
The Sentinelles network team

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

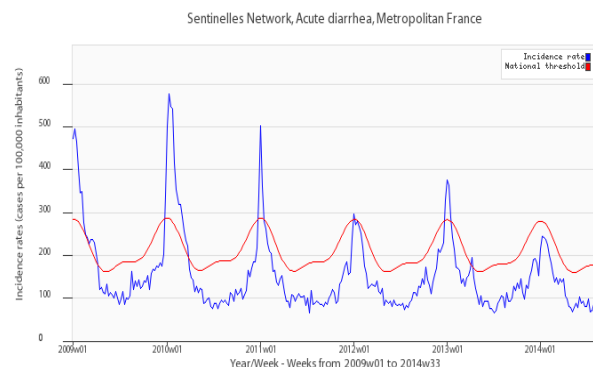
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health*. 1991;81(1):97-9.

ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2014w33 (in cases per 100,000 inhabitants)



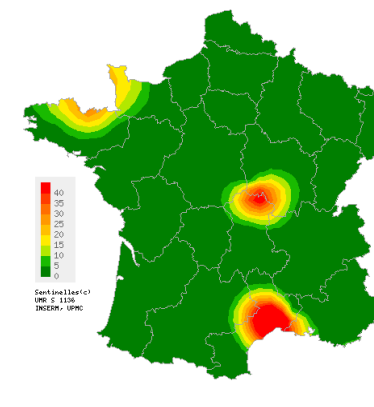
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level.
Maps available at <http://www.sentiweb.fr>



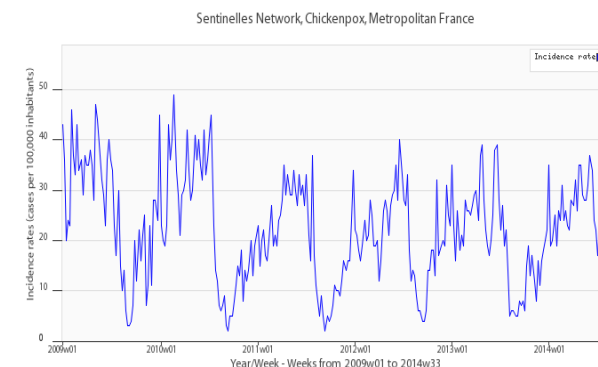
Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model [1].
(in cases per 100,000 inhabitants).

CHICKENPOX

Observations for Chickenpox
Week 2014w33 (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>



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

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2014w33 (non consolidated)	2014w32	2014w31
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	4 [0 ; 9]	5 [1 ; 9]	6 [0 ; 12]
ACUTE DIARRHEA	103 [74 ; 132]	88 [67 ; 109]	85 [65 ; 105]
CHICKENPOX	3 [0 ; 7]	7 [2 ; 12]	17 [9 ; 25]

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

Regional incidence rates for week 2014w33 (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]	41 [0 ; 115]	0 [0 ; 0]
Aquitaine	23 [0 ; 82]	23 [0 ; 82]	0 [0 ; 0]
Auvergne	0 [0 ; 0]	0 [0 ; 0]	14 [0 ; 109]
Basse-Normandie	21 [0 ; 63]	76 [0 ; 219]	4 [0 ; 23]
Bourgogne	0 [0 ; 0]	18 [0 ; 64]	0 [0 ; 0]
Bretagne	0 [0 ; 0]	62 [0 ; 153]	6 [0 ; 18]
Centre	1 [0 ; 7]	20 [0 ; 46]	0 [0 ; 0]
Champagne-Ardenne	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Corse	0 [0 ; 0]	69 [0 ; 179]	24 [0 ; 83]
Franche-Comté	0 [0 ; 0]	23 [0 ; 55]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	43 [0 ; 116]	0 [0 ; 0]
Ile-de-France	0 [0 ; 0]	52 [0 ; 104]	0 [0 ; 0]
Languedoc-Roussillon	0 [0 ; 0]	97 [0 ; 226]	35 [0 ; 123]
Limousin	0 [0 ; 0]	47 [0 ; 149]	0 [0 ; 0]
Lorraine	0 [0 ; 0]	203 [29 ; 377]	0 [0 ; 0]
Midi-Pyrénées	0 [0 ; 0]	67 [0 ; 151]	0 [0 ; 0]
Nord-Pas-de-Calais	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Pays-de-la-Loire	0 [0 ; 0]	32 [0 ; 80]	0 [0 ; 0]
Picardie	0 [0 ; 0]	68 [0 ; 229]	0 [0 ; 0]
Poitou-Charentes	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Provence-Alpes-Côte-d'Azur	6 [0 ; 22]	127 [20 ; 234]	0 [0 ; 0]
Rhône-Alpes	0 [0 ; 0]	70 [0 ; 150]	0 [0 ; 0]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2014w33 .

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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 1276 physicians, including 332 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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