

Chickenpox, Acute diarrhea and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 06/22/2015 to 06/28/2015:

CHICKENPOX

Moderate to high activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 39 cases per 100,000 inhabitants (95% CI [26 ; 52]).

Eleven regional clusters were reported, **high** in Champagne-Ardenne (172 cases per 100,000 inhabitants), Provence-Alpes-Côte-d'Azur (75), Ile-de-France (71), Nord-Pas-de-Calais (70), Poitou-Charentes (54) and Bretagne (42) and **moderate** in Centre (37), Pays-de-la-Loire (35), Franche-Comté (32), Limousin (24) and Languedoc-Roussillon (21). *

[More information about this surveillance](#)

ACUTE DIARRHEA

Low activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 116 cases per 100,000 inhabitants (95% CI [90 ; 142]), **below** the epidemic threshold (170 cases per 100,000 inhabitants) [1]. *

[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 [2 ; 10]), **below** the epidemic threshold (69 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

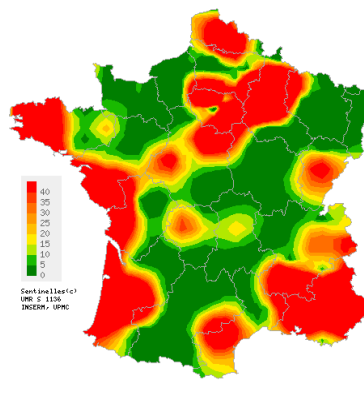
The Sentinelles network team

* 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.

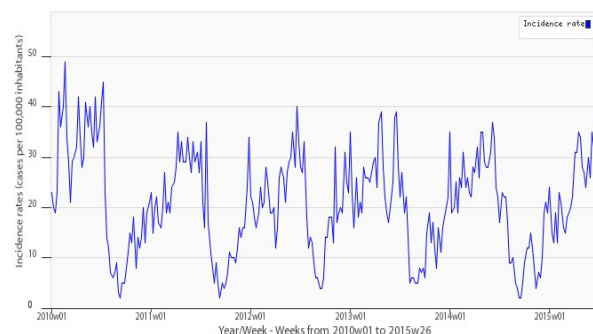
CHICKENPOX

Observations for Chickenpox
Week 2015w26 (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>

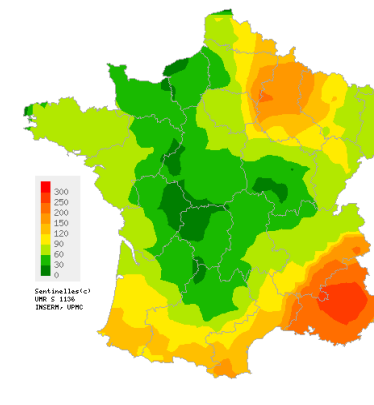
Sentinelles Network, Chickenpox, Metropolitan France



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

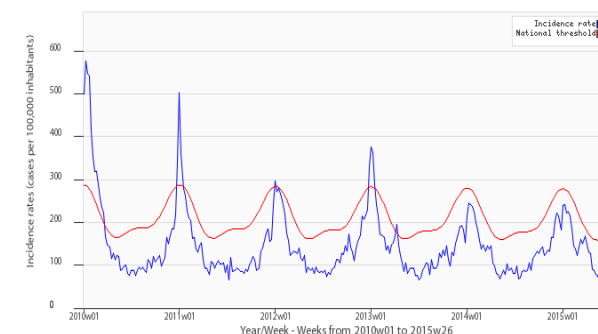
ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2015w26 (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).

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2015w26 (non consolidated)	2015w25	2015w24
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	6 [2 ; 10]	4 [1 ; 7]	4 [1 ; 7]
ACUTE DIARRHEA	116 [90 ; 142]	86 [72 ; 100]	85 [72 ; 98]
CHICKENPOX	39 [26 ; 52]	29 [21 ; 37]	32 [24 ; 40]

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

Regional incidence rates for week 2015w26 (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]	16 [0 ; 57]	0 [0 ; 0]
Aquitaine	0 [0 ; 0]	133 [0 ; 274]	18 [0 ; 53]
Auvergne	0 [0 ; 0]	54 [0 ; 118]	10 [0 ; 43]
Basse-Normandie	0 [0 ; 0]	30 [0 ; 71]	4 [0 ; 19]
Bourgogne	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Bretagne	0 [0 ; 0]	113 [37 ; 189]	42 [0 ; 87]
Centre	3 [0 ; 12]	61 [7 ; 115]	37 [4 ; 70]
Champagne-Ardenne	0 [0 ; 0]	243 [0 ; 558]	172 [0 ; 474]
Corse	0 [0 ; 0]	12 [0 ; 45]	0 [0 ; 0]
Franche-Comté	19 [0 ; 62]	147 [14 ; 280]	32 [0 ; 89]
Haute-Normandie	0 [0 ; 0]	29 [0 ; 79]	0 [0 ; 0]
Ile-de-France	26 [0 ; 53]	82 [40 ; 124]	71 [24 ; 118]
Languedoc-Roussillon	0 [0 ; 0]	175 [53 ; 297]	21 [0 ; 55]
Limousin	0 [0 ; 0]	12 [0 ; 57]	24 [0 ; 88]
Lorraine	0 [0 ; 0]	133 [26 ; 240]	3 [0 ; 21]
Midi-Pyrénées	0 [0 ; 0]	75 [10 ; 140]	0 [0 ; 0]
Nord-Pas-de-Calais	0 [0 ; 0]	139 [44 ; 234]	70 [0 ; 146]
Pays-de-la-Loire	0 [0 ; 0]	62 [0 ; 126]	35 [0 ; 84]
Picardie	0 [0 ; 0]	101 [0 ; 241]	0 [0 ; 0]
Poitou-Charentes	0 [0 ; 0]	5 [0 ; 38]	54 [0 ; 159]
Provence-Alpes-Côte-d'Azur	5 [0 ; 14]	152 [59 ; 245]	75 [9 ; 141]
Rhône-Alpes	1 [0 ; 4]	96 [35 ; 157]	14 [0 ; 30]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2015w26 .

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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 439 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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