

CHICKENPOX

Moderate activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 30 cases per 100,000 inhabitants (95% CI [16 ; 44]).

Thirteen regional clusters were reported, **high** in Franche-Comté (105 cases per 100,000 inhabitants 95% CI [0 ; 312]), Lorraine (89 95% CI [0 ; 264]), Provence-Alpes-Côte-d'Azur (43, 95% CI [0 ; 142]), Pays-de-la-Loire (42, 95% CI [0 ; 119]), Picardie (41, 95% CI [0 ; 125]), Poitou-Charentes (40, 95% CI [0 ; 130]), Alsace (39, 95% CI [0 ; 90]) and Ile-de-France (23, 95% CI [0 ; 59]) and **moderate** in Centre (38, 95% CI [0 ; 76]), Bretagne (38, 95% CI [0 ; 88]), Languedoc-Roussillon (36, 95% CI [0 ; 108]), Champagne-Ardenne (26, 95% CI [0 ; 78]) and Nord-Pas-de-Calais (23, 95% CI [0 ; 57]) *

[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 61 cases per 100,000 inhabitants (95% CI [43 ; 79]), **below** the epidemic threshold (110 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Picardie (111 cases per 100,000 inhabitants, 95% CI [0 ; 267]), Nord-Pas-de-Calais (93, 95% CI [20 ; 166]) and Pays-de-la-Loire (91, 95% CI [11 ; 171]).*

[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 ; 8]), **below** the epidemic threshold (75 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Centre (17, cases per 100,000 inhabitants 95% CI [0 ; 50]), Alsace (16, 95% CI [0 ; 71]) and Aquitaine (11, 95% CI [0 ; 62]).*

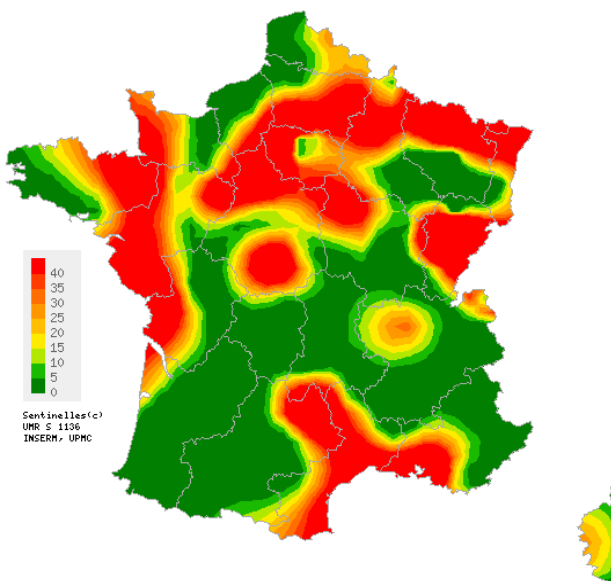
[More information about this surveillance](#)

[Information about the statistical methods](#)

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

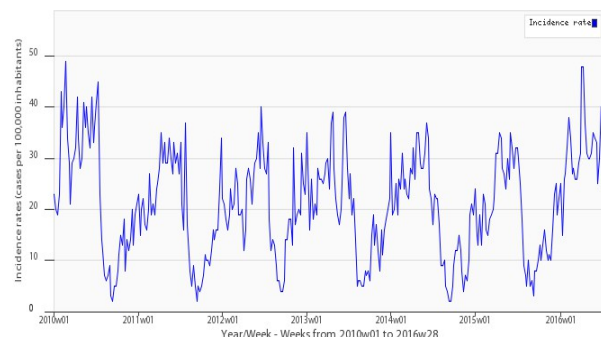
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health*. 1991;81(1):97-9.

CHICKENPOX



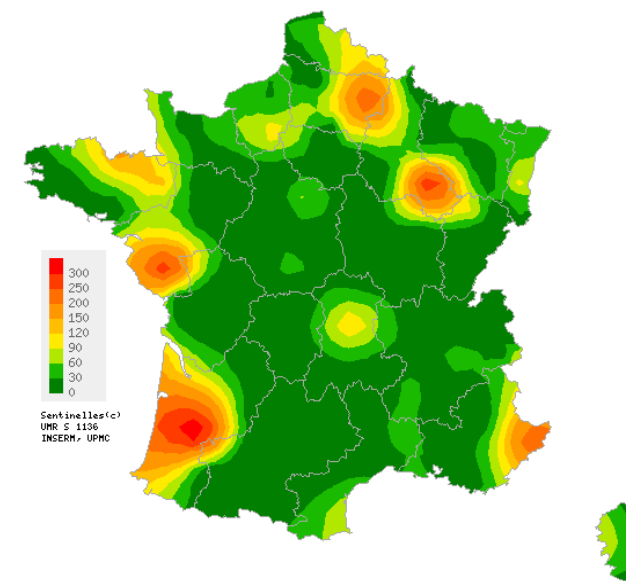
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners, 2016w28
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

Sentinelles Network, Chickenpox, Metropolitan France



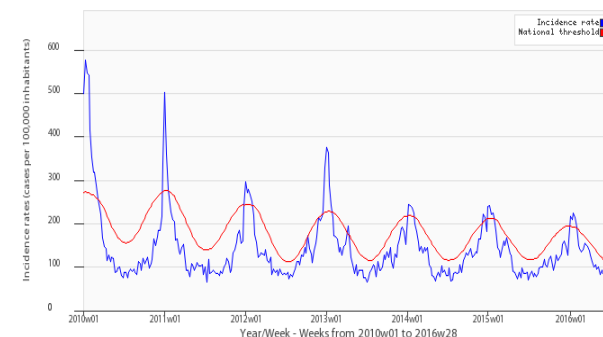
Incidence rate in blue,
(per 100 000 inhabitants), Chickenpox,
Sentinelles general practitioners

ACUTE DIARRHEA



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners, 2016w28
[Maps available at http://www.sentiweb.fr](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]
(per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2016w28 (non consolidated)	2016w27	2016w26
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	4 [0 ; 8]	9 [4 ; 14]	6 [2 ; 10]
ACUTE DIARRHEA	61 [43 ; 79]	70 [55 ; 85]	84 [68 ; 100]
CHICKENPOX	30 [16 ; 44]	36 [25 ; 47]	40 [30 ; 50]

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

Regional incidence rates for week 2016w28 (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	16 [0 ; 71]	72 [0 ; 171]	39 [0 ; 90]
Aquitaine	11 [0 ; 62]	89 [0 ; 210]	0 [0 ; 0]
Auvergne	0 [0 ; 0]	60 [0 ; 148]	0 [0 ; 0]
Basse-Normandie	0 [0 ; 0]	26 [0 ; 65]	12 [0 ; 40]
Bourgogne	0 [0 ; 0]	0 [0 ; 0]	15 [0 ; 45]
Bretagne	0 [0 ; 0]	72 [9 ; 135]	38 [0 ; 88]
Centre	17 [0 ; 50]	21 [0 ; 55]	38 [0 ; 76]
Champagne-Ardenne	0 [0 ; 0]	78 [0 ; 168]	26 [0 ; 78]
Corse	0 [0 ; 0]	42 [0 ; 90]	14 [0 ; 42]
Franche-Comté	0 [0 ; 0]	18 [0 ; 46]	105 [0 ; 312]
Haute-Normandie	0 [0 ; 0]	62 [0 ; 137]	13 [0 ; 45]
Ile-de-France	0 [0 ; 0]	10 [0 ; 28]	23 [0 ; 59]
Languedoc-Roussillon	0 [0 ; 0]	31 [0 ; 78]	36 [0 ; 108]
Limousin	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Lorraine	6 [0 ; 31]	34 [0 ; 136]	89 [0 ; 264]
Midi-Pyrénées	0 [0 ; 0]	7 [0 ; 24]	14 [0 ; 42]
Nord-Pas-de-Calais	0 [0 ; 0]	93 [20 ; 166]	23 [0 ; 57]
Pays-de-la-Loire	9 [0 ; 36]	91 [11 ; 171]	42 [0 ; 119]
Picardie	2 [0 ; 12]	111 [0 ; 267]	41 [0 ; 125]
Poitou-Charentes	0 [0 ; 0]	0 [0 ; 0]	40 [0 ; 130]
Provence-Alpes-Côte-d'Azur	0 [0 ; 0]	67 [0 ; 134]	43 [0 ; 142]
Rhône-Alpes	10 [0 ; 24]	20 [0 ; 43]	13 [0 ; 35]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2016w28.

Réseau Sentinelles
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The " Réseau Sentinelles" or Sentinelles Network
(a.k.a. French Communicable Diseases Computer Network)
is a network of **1398** physicians working throughout the metropolitan regions of France including **555** involved in the clinical surveillance activity (**442** general practitioners and **113** pediatricians) 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).

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Deputy head of RS : Thierry Blanchon
Monitoring managers: Louise Rossignol, Caroline Guerrisi, Victoire Roussel
Information systems, biostatistics : Clément Turbelin, Cécile Souty
Editor : Yves Dorléans

Regional branch	Head of network	Regional manager
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Ile-de-France	Mathilde François	Cécile Pino
Méditerranée	Jean-Pierre Amoros Alessandra Falchi	Lisandru Capai Shirley Masse
Nord-Pas-de-Calais Centre	Thierry Prazuck	Mathieu Rivière

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* Incidence rates estimate are calculated on the activity of general practitioners.