

CHICKENPOX

Moderate activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 31 cases per 100,000 inhabitants (95% CI [21 ; 41]).

Twelve regional clusters were reported, **high** in Ile-de-France (50 cases per 100,000 inhabitants, 95% CI [2 ; 98]) and Nord-Pas-de-Calais (48, 95% CI [0 ; 98]) and **moderate** in Auvergne (33, 95% CI [0 ; 96]), Rhône-Alpes (31, 95% CI [12 ; 50]), Provence-Alpes-Côte-d'Azur (29, 95% CI [0 ; 77]), Limousin (27, 95% CI [0 ; 75]), Languedoc-Roussillon (26, 95% CI [0 ; 57]), Bretagne (24, 95% CI [0 ; 51]), Haute-Normandie (23, 95% CI [0 ; 71]), Picardie (22, 95% CI [0 ; 87]), Pays-de-la-Loire (20, 95% CI [0 ; 53]) and Midi-Pyrénées (20, 95% CI [0 ; 52]). *

[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 87 cases per 100,000 inhabitants (95% CI [71 ; 103]), **below** the epidemic threshold (126 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Nord-Pas-de-Calais (202 cases per 100,000 inhabitants, 95% CI [93 ; 311]), Alsace (167, 95% CI [58 ; 276]) and Languedoc-Roussillon (125, 95% CI [51 ; 199]). *

[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].

At the regional level, the highest incidence rates were noted in: Ile-de-France (17 cases per 100,000 inhabitants, 95% CI [0 ; 45]), Franche-Comté (16, 95% CI [0 ; 56]), Midi-Pyrénées (15, 95% CI [0 ; 45]) and Rhône-Alpes (15, 95% CI [1 ; 29]). *

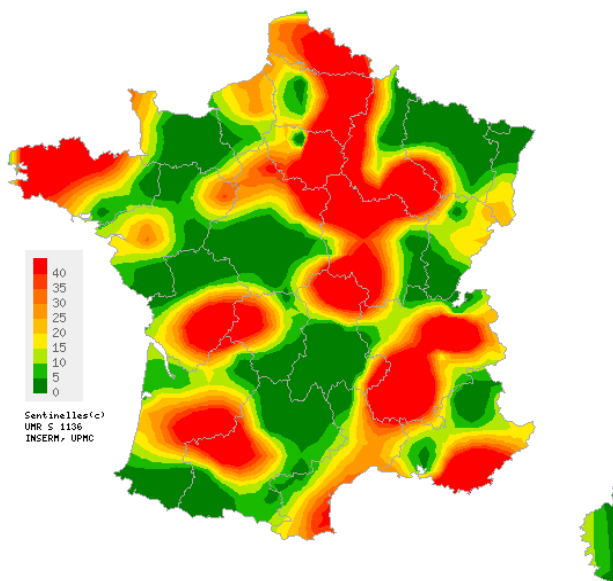
[More information about this surveillance](#)

* [Information about the statistical methods](#)

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

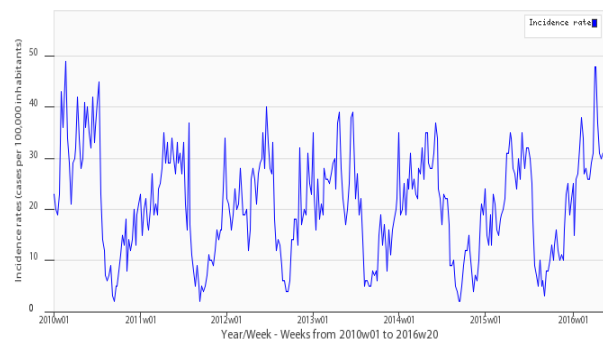
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health*. 1991;81(1):97-9.

CHICKENPOX



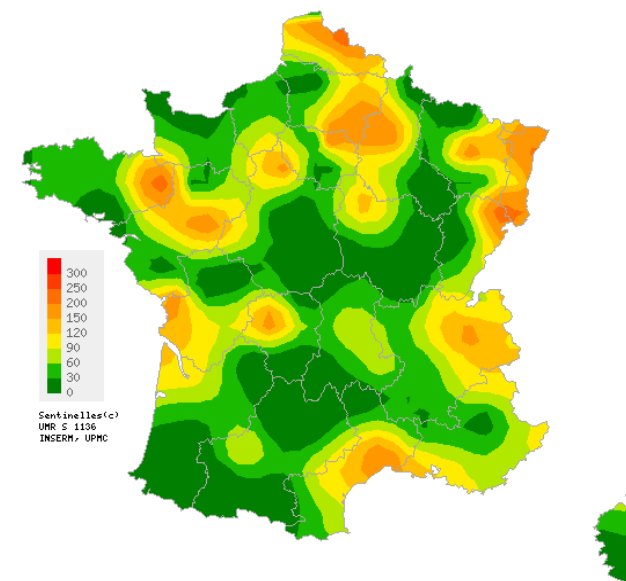
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners, 2016w20
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

Sentinelles Network, Chickenpox, Metropolitan France



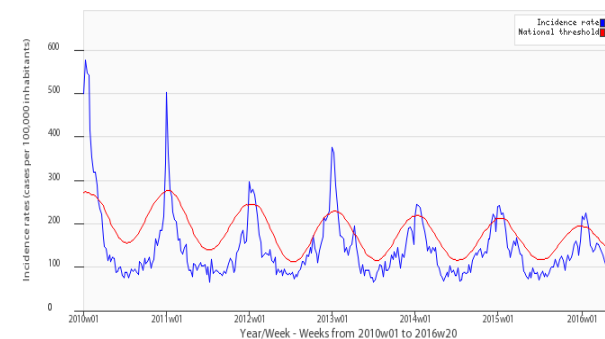
Incidence rate in blue,
(per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners

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, 2016w20
[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	2016w20 (non consolidated)	2016w19	2016w18
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	6 [2 ; 10]	7 [3 ; 11]	13 [7 ; 19]
ACUTE DIARRHEA	87 [71 ; 103]	102 [86 ; 118]	95 [80 ; 110]
CHICKENPOX	31 [21 ; 41]	31 [23 ; 39]	30 [21 ; 39]

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

Regional incidence rates for week 2016w20 (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	6 [0 ; 22]	167 [58 ; 276]	6 [0 ; 22]
Aquitaine	0 [0 ; 0]	54 [0 ; 127]	11 [0 ; 35]
Auvergne	0 [0 ; 0]	64 [0 ; 146]	33 [0 ; 96]
Basse-Normandie	0 [0 ; 0]	27 [0 ; 68]	0 [0 ; 0]
Bourgogne	0 [0 ; 0]	32 [1 ; 63]	19 [0 ; 43]
Bretagne	0 [0 ; 0]	102 [28 ; 176]	24 [0 ; 51]
Centre	2 [0 ; 8]	57 [25 ; 89]	14 [0 ; 31]
Champagne-Ardenne	8 [0 ; 35]	93 [4 ; 182]	16 [0 ; 48]
Corse	0 [0 ; 0]	53 [0 ; 112]	6 [0 ; 24]
Franche-Comté	16 [0 ; 56]	55 [12 ; 98]	13 [0 ; 46]
Haute-Normandie	7 [0 ; 33]	59 [0 ; 126]	23 [0 ; 71]
Ile-de-France	17 [0 ; 45]	66 [12 ; 120]	50 [2 ; 98]
Languedoc-Roussillon	4 [0 ; 14]	125 [51 ; 199]	26 [0 ; 57]
Limousin	0 [0 ; 0]	102 [9 ; 195]	27 [0 ; 75]
Lorraine	0 [0 ; 0]	67 [0 ; 174]	0 [0 ; 0]
Midi-Pyrénées	15 [0 ; 45]	23 [0 ; 57]	20 [0 ; 52]
Nord-Pas-de-Calais	10 [0 ; 29]	202 [93 ; 311]	48 [0 ; 98]
Pays-de-la-Loire	9 [0 ; 34]	87 [7 ; 167]	20 [0 ; 53]
Picardie	0 [0 ; 0]	69 [0 ; 170]	22 [0 ; 87]
Poitou-Charentes	0 [0 ; 0]	80 [0 ; 199]	18 [0 ; 56]
Provence-Alpes-Côte-d'Azur	0 [0 ; 0]	91 [10 ; 172]	29 [0 ; 77]
Rhône-Alpes	15 [1 ; 29]	88 [47 ; 129]	31 [12 ; 50]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French regions, for week 2016w20.

Réseau Sentinelles

Inserm-UPMC UMR-S 1136

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*The " Réseau Sentinelles" or Sentinelles Network
(a.k.a. French Communicable Diseases Computer Network)
is a network of **1406** physicians working throughout the metropolitan regions
of France including **570** involved in the clinical surveillance activity
(457 general practitioners and 113 pediatricians)
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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Méditerranée	Jean-Pierre Amoros Alessandra Falchi	Lisandru Capai Shirley Masse
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* Incidence rates estimate are calculated on the activity of general practitioners.