

Sentinelles network report from 06/05/2019, n° 2019w22 (data from 05/27/2019 to 06/02/2019)

CHICKENPOX

Moderate activity in general practice

In metropolitan France, last week (2019w22), the incidence rate of Chickenpox seen in general practice was estimated at 30 cases per 100,000 inhabitants (95% CI [21 ; 39]).

Eight regional clusters were noted, **high** in Hauts-de-France (72 cases per 100,000 inhabitants, 95% CI [14 ; 130]), Bretagne (52, 95% CI [4 ; 100]), Grand Est (48, 95% CI [18 ; 78]), Auvergne-Rhône-Alpes (44, 95% CI [18 ; 70]) and Bourgogne-Franche-Comté (40, 95% CI [0 ; 103]) and **moderate** in Provence-Alpes-Côte d'Azur (30, 95% CI [0 ; 75]), Nouvelle-Aquitaine (24, 95% CI [0 ; 49]) and Corse (20, 95% CI [0 ; 55]). *

[More information about chickenpox Sentinelles surveillance](#)

ACUTE DIARRHEA

Low activity in general practice

In metropolitan France, last week (2019w22), the incidence rate of acute diarrhea seen in general practice was estimated at 72 cases per 100,000 inhabitants (95% CI [58 ; 86]), **below** the epidemic threshold (101 cases per 100,000).

At the regional level, the highest incidence rates were noted in: Pays de la Loire (208 cases per 100,000 inhabitants, 95% CI [0 ; 486]), Hauts-de-France (159, 95% CI [75 ; 243]) and Provence-Alpes-Côte d'Azur (80, 95% CI [23 ; 137]). *

[More information about acute diarrhea Sentinelles surveillance](#)

INFLUENZA-LIKE ILLNESS

Low activity in general practice

In metropolitan France, last week (2019w22), the incidence rate of influenza-like illness seen in general practice was estimated at 5 cases per 100,000 inhabitants (95% CI [1 ; 9]).

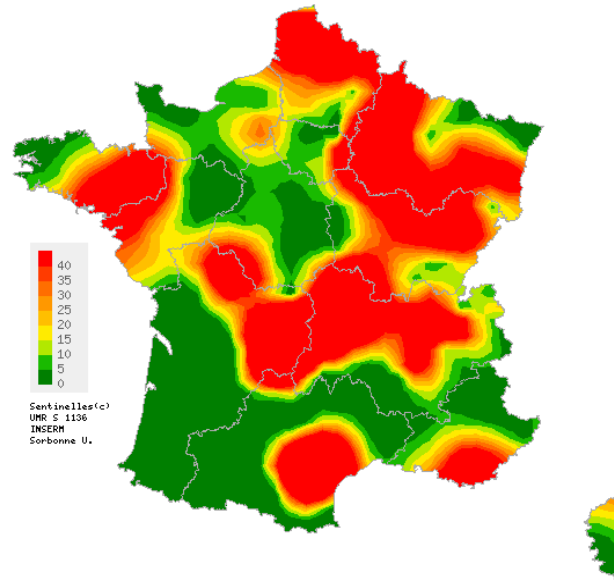
At the regional level, the highest incidence rates were noted in: Bretagne (72 cases per 100,000 inhabitants, 95% CI [1 ; 143]), Corse (16, 95% CI [0 ; 48]) and Nouvelle-Aquitaine (12, 95% CI [0 ; 36]). *

[More information about influenza-like illness Sentinelles surveillance](#)

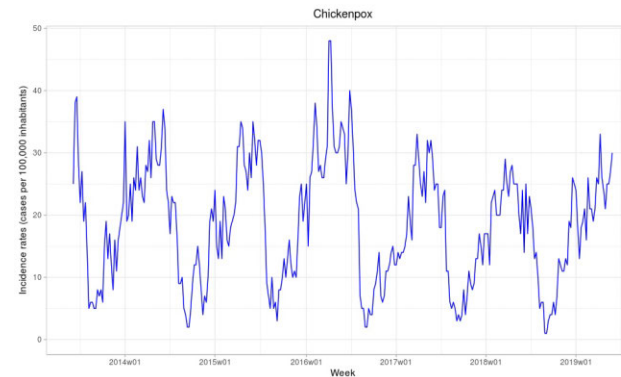
[Information about Sentinelles network statistical methods \(in french\)](#)

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

CHICKENPOX

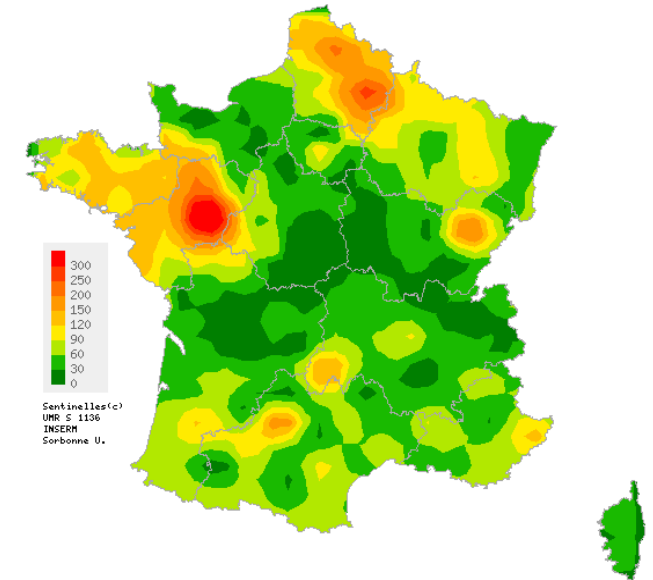


Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners, 2019w22
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

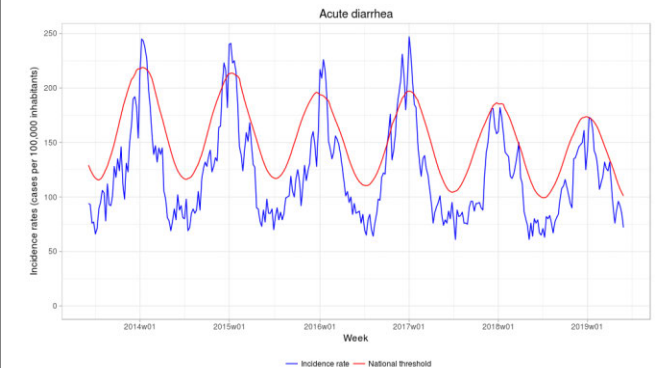


Incidence rate in blue,
(per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners

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, 2019w22
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)



Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model
(per 100,000 inhabitants), Acute diarrhea, Sentinelles general practitioners

National incidence rates (per 100,000 inhabitants) over the past 3 weeks	2019w22 (non consolidated)	2019w21	2019w20
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	5 [1 ; 9]	4 [2 ; 6]	4 [1 ; 7]
ACUTE DIARRHEA	72 [58 ; 86]	85 [72 ; 98]	92 [80 ; 104]
CHICKENPOX	30 [21 ; 39]	27 [20 ; 34]	25 [19 ; 31]

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

Regional incidence rates for week 2019w22 (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]
Auvergne-Rhône-Alpes	0 [0 ; 0]	45 [21 ; 69]	44 [18 ; 70]
Bourgogne-Franche-Comté	0 [0 ; 0]	63 [0 ; 161]	40 [0 ; 103]
Bretagne	72 [1 ; 143]	68 [15 ; 121]	52 [4 ; 100]
Centre-Val de Loire	2 [0 ; 6]	25 [1 ; 49]	4 [0 ; 12]
Corse	16 [0 ; 48]	16 [0 ; 48]	20 [0 ; 55]
Grand Est	0 [0 ; 0]	73 [36 ; 110]	48 [18 ; 78]
Hauts-de-France	0 [0 ; 0]	159 [75 ; 243]	72 [14 ; 130]
Ile-de-France	1 [0 ; 2]	46 [19 ; 73]	3 [0 ; 9]
Normandie	9 [0 ; 29]	23 [0 ; 50]	9 [0 ; 21]
Nouvelle-Aquitaine	12 [0 ; 36]	40 [3 ; 77]	24 [0 ; 49]
Occitanie	3 [0 ; 11]	62 [25 ; 99]	16 [0 ; 36]
Pays de la Loire	3 [0 ; 10]	208 [0 ; 486]	12 [0 ; 28]
Provence-Alpes-Côte d'Azur	0 [0 ; 0]	80 [23 ; 137]	30 [0 ; 75]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2019w22.

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<i>The " Réseau Sentinelles " or Sentinelles Network (a.k.a. French Communicable Diseases Computer Network) is a network of 1,431 physicians working throughout the metropolitan regions of France including 612 involved in the clinical surveillance activity (496 general practitioners and 116 pediatricians) enabling the achievement of weekly newsletters. This network is developed within an agreement between Inserm, Sorbonne Université and Santé publique France.</i>		
Head of RS: Thomas Hanslik Deputy head of RS: Thierry Blanchon Monitoring managers: Louise Rossignol Information systems, biostatistics: Corentin Hervé, Titouan Launay, Cécile Souty, Clément Turbelin, Ana Vilcu Publication: Yves Dorléans		
Regional branch	Head of network	Regional manager
Auvergne-Rhône-Alpes / Bourgogne-Franche-Comté	Marianne Sarazin	Caroline Liotard
Centre Val de Loire / Pays de la Loire / Hauts-de-France	Thierry Prazuck	Charly Kengne-Kuetché Mathieu Rivière
Ile-de-France	Mathilde François	Lucie Fournier
Méditerranée : Corse / Provence-Alpes-Côte d'Azur	Jean-Pierre Amoros Alessandra Falchi	Shirley Masse Natacha Villechenaud
Sud-Ouest : Nouvelle-Aquitaine / Occitanie	Louise Rossignol Thierry Blanchon (no regional branch)	Marion Debin
Normandie		Laetitia Vaillant
Bretagne		Jennifer Morice
Grand Est		Caroline Guerrisi

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