

Sentinelles network report from 04/30/2019, n° 2019w17 (data from 04/22/2019 to 04/28/2019)

CHICKENPOX

Moderate to high activity in general practice

In metropolitan France, last week (2019w17), the incidence rate of Chickenpox seen in general practice was estimated at 28 cases per 100,000 inhabitants (95% CI [20 ; 36]).

Seven regional clusters were noted, **high** in Pays de la Loire (80 cases per 100,000 inhabitants, 95% CI [0 ; 219]), Provence-Alpes-Côte d'Azur (54, 95% CI [0 ; 116]), Bretagne (53, 95% CI [11 ; 95]) and Centre-Val de Loire (46, 95% CI [16 ; 76]) and **moderate** in Auvergne-Rhône-Alpes (39, 95% CI [12 ; 66]), Hauts-de-France (39, 95% CI [4 ; 74]) and Nouvelle-Aquitaine (39, 95% CI [0 ; 104]). *

[More information about chickenpox Sentinelles surveillance](#)

ACUTE DIARRHEA

Moderate activity in general practice

In metropolitan France, last week (2019w17), the incidence rate of acute diarrhea seen in general practice was estimated at 83 cases per 100,000 inhabitants (95% CI [70 ; 96]), **below** the epidemic threshold (121 cases per 100,000).

At the regional level, the highest incidence rates were noted in: Pays de la Loire (137 cases per 100,000 inhabitants, 95% CI [0 ; 279]), Provence-Alpes-Côte d'Azur (136, 95% CI [45 ; 227]) and Grand Est (127, 95% CI [78 ; 176]). *

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

INFLUENZA-LIKE ILLNESS

Low activity in general practice

In metropolitan France, last week (2019w17), the incidence rate of influenza-like illness seen in general practice was estimated at 6 cases per 100,000 inhabitants (95% CI [2 ; 10]).

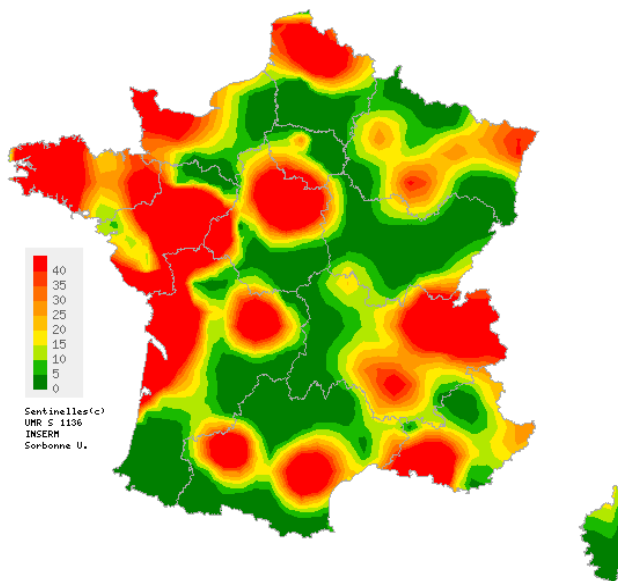
At the regional level, the highest incidence rates were noted in: Hauts-de-France (23 cases per 100,000 inhabitants, 95% CI [2 ; 44]), Ile-de-France (9, 95% CI [0 ; 23]), Normandie (8, 95% CI [0 ; 38]), Auvergne-Rhône-Alpes (8, 95% CI [0 ; 23]) and Bretagne (8, 95% CI [0 ; 22]). *

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

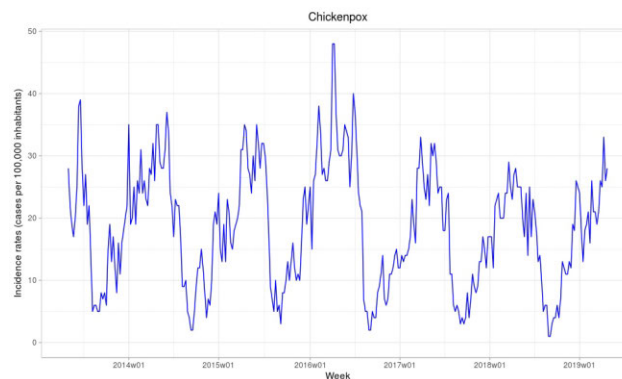
[Information about Sentinelles network statistical methods \(in french\)](#)

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

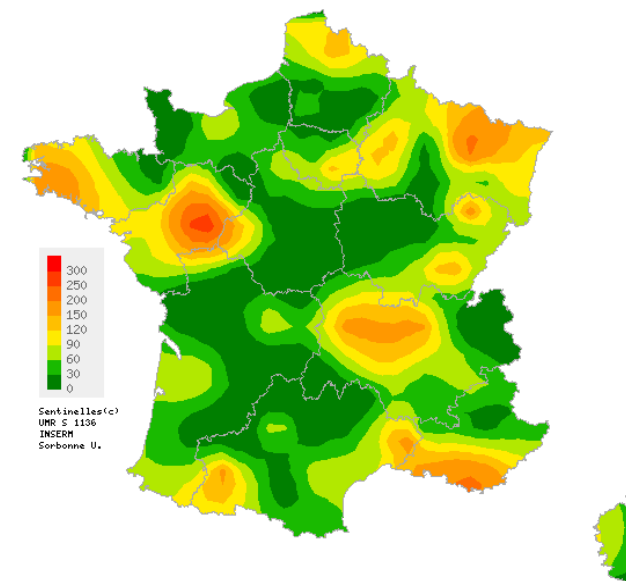
CHICKENPOX



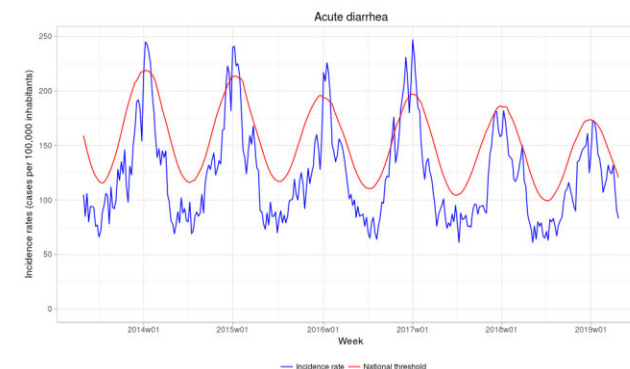
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners, 2019w17
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)



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, 2019w17
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)



National incidence rates (per 100,000 inhabitants) over the past 3 weeks	2019w17 (non consolidated)	2019w16	2019w15
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	6 [2 ; 10]	6 [3 ; 9]	9 [6 ; 12]
ACUTE DIARRHEA	83 [70 ; 96]	90 [78 ; 102]	110 [97 ; 123]
CHICKENPOX	28 [20 ; 36]	26 [19 ; 33]	33 [26 ; 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 2019w17 (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	8 [0 ; 23]	94 [51 ; 137]	39 [12 ; 66]
Bourgogne-Franche-Comté	0 [0 ; 0]	54 [0 ; 116]	0 [0 ; 0]
Bretagne	8 [0 ; 22]	88 [39 ; 137]	53 [11 ; 95]
Centre-Val de Loire	6 [0 ; 17]	48 [19 ; 77]	46 [16 ; 76]
Corse	0 [0 ; 0]	71 [9 ; 133]	12 [0 ; 34]
Grand Est	0 [0 ; 0]	127 [78 ; 176]	19 [0 ; 38]
Hauts-de-France	23 [2 ; 44]	95 [45 ; 145]	39 [4 ; 74]
Ile-de-France	9 [0 ; 23]	50 [22 ; 78]	16 [0 ; 34]
Normandie	8 [0 ; 38]	30 [7 ; 53]	16 [0 ; 41]
Nouvelle-Aquitaine	0 [0 ; 0]	41 [7 ; 75]	39 [0 ; 104]
Occitanie	0 [0 ; 0]	69 [23 ; 115]	13 [0 ; 30]
Pays de la Loire	0 [0 ; 0]	137 [0 ; 279]	80 [0 ; 219]
Provence-Alpes-Côte d'Azur	7 [0 ; 19]	136 [45 ; 227]	54 [0 ; 116]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2019w17.

Réseau Sentinelles Inserm - Sorbonne Université UMR-S 1136 Institut Pierre Louis d'Epidémiologie et de Santé Publique (IPLESP) Sorbonne-Université, site Saint-Antoine 27, rue Chaligny / 75571 Paris cedex 12 Phone. : 01 44 73 84 35 / Fax : 01 44 73 84 54 Email : sentinelles@upmc.fr <i>The " Réseau Sentinelles " or Sentinelles Network (a.k.a. French Communicable Diseases Computer Network) is a network of 1,432 physicians working throughout the metropolitan regions of France including 610 involved in the clinical surveillance activity (494 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.