

Sentinelles network report from 05/22/2019, n° 2019w20 (data from 05/13/2019 to 05/19/2019)

ACUTE DIARRHEA

Moderate activity in general practice

in metropolitan France, last week (2019w20), the incidence rate of acute diarrhea seen in general practice was estimated at 100 cases per 100,000 inhabitants (95% CI [86 ; 114]), **below** the epidemic threshold (107 cases per 100,000).

At the regional level, the highest incidence rates were noted in: Provence-Alpes-Côte d'Azur (184 cases per 100,000 inhabitants, 95% CI [108 ; 260]), Hauts-de-France (147, 95% CI [79 ; 215]) and Bourgogne-Franche-Comté (124, 95% CI [42 ; 206]). *

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

CHICKENPOX

Moderate activity in general practice

In metropolitan France, last week (2019w20), the incidence rate of Chickenpox seen in general practice was estimated at 28 cases per 100,000 inhabitants (95% CI [20 ; 36]).

Eight regional clusters were noted, **high** in Pays de la Loire (154 cases per 100,000 inhabitants, 95% CI [0 ; 430]), Grand Est (42, 95% CI [15 ; 69]) and Occitanie (41, 95% CI [11 ; 71]) and **moderate** in Bretagne (33, 95% CI [0 ; 67]), Ile-de-France (30, 95% CI [0 ; 63]), Auvergne-Rhône-Alpes (27, 95% CI [8 ; 46]), Hauts-de-France (27, 95% CI [0 ; 54]) and Normandie (26, 95% CI [0 ; 56]). *

[More information about chickenpox Sentinelles surveillance](#)

INFLUENZA-LIKE ILLNESS

Low activity in general practice

In metropolitan France, last week (2019w20), the incidence rate of influenza-like illness seen in general practice was estimated at 4 cases per 100,000 inhabitants (95% CI [1 ; 7]).

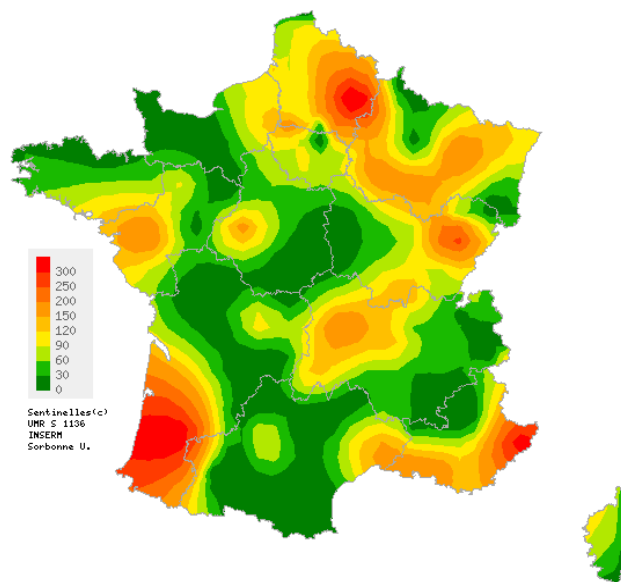
At the regional level, the highest incidence rates were noted in: Ile-de-France (17 cases per 100,000 inhabitants, 95% CI [0 ; 35]), Pays de la Loire (7, 95% CI [0 ; 19]) and Nouvelle-Aquitaine (6, 95% CI [0 ; 20]). Information about the statistical methods *

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

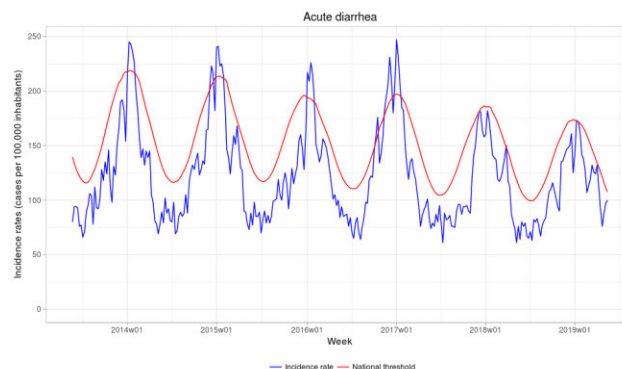
[Information about Sentinelles network statistical methods \(in french\)](#)

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

ACUTE DIARRHEA

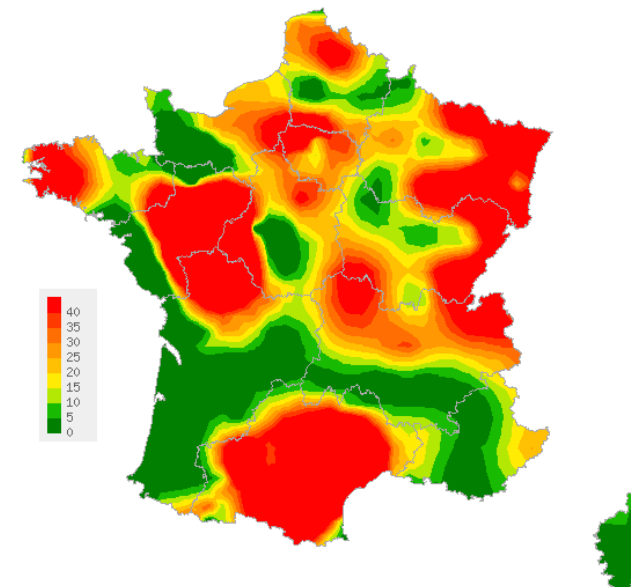


Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100,000 inhabitants), Acute diarrhea, Sentinelles general practitioners, 2019w20
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

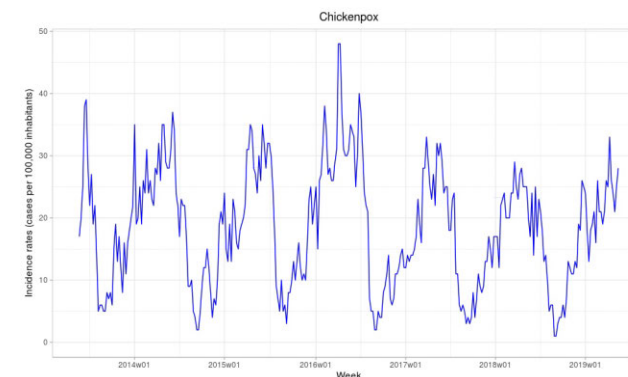


Incidence rate in blue, epidemic threshold in red calculated by a periodic regression model (per 100,000 inhabitants), Acute diarrhea, Sentinelles general practitioners

CHICKENPOX



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners, 2019w20
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)



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

National incidence rates (per 100,000 inhabitants) over the past 3 weeks	2019w20 (non consolidated)	2019w19	2019w18
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	4 [1 ; 7]	5 [2 ; 8]	2 [0 ; 4]
ACUTE DIARRHEA	100 [86 ; 114]	97 [85 ; 109]	88 [76 ; 100]
CHICKENPOX	28 [20 ; 36]	25 [19 ; 31]	21 [15 ; 27]

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

Regional incidence rates for week 2019w20 (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	5 [0 ; 13]	73 [43 ; 103]	27 [8 ; 46]
Bourgogne-Franche-Comté	0 [0 ; 0]	124 [42 ; 206]	16 [0 ; 36]
Bretagne	0 [0 ; 0]	61 [9 ; 113]	33 [0 ; 67]
Centre-Val de Loire	3 [0 ; 8]	76 [34 ; 118]	17 [1 ; 33]
Corse	0 [0 ; 0]	86 [17 ; 155]	5 [0 ; 20]
Grand Est	3 [0 ; 8]	113 [66 ; 160]	42 [15 ; 69]
Hauts-de-France	0 [0 ; 0]	147 [79 ; 215]	27 [0 ; 54]
Ile-de-France	17 [0 ; 35]	92 [44 ; 140]	30 [0 ; 63]
Normandie	4 [0 ; 15]	64 [12 ; 116]	26 [0 ; 56]
Nouvelle-Aquitaine	6 [0 ; 20]	102 [42 ; 162]	8 [0 ; 23]
Occitanie	0 [0 ; 0]	75 [32 ; 118]	41 [11 ; 71]
Pays de la Loire	7 [0 ; 19]	101 [58 ; 144]	154 [0 ; 430]
Provence-Alpes-Côte d'Azur	0 [0 ; 0]	184 [108 ; 260]	8 [0 ; 21]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2019w20.

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 611 involved in the clinical surveillance activity (495 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.