

Sentinelles network report from 06/20/2018, n° 2018w24 (data from 06/11/2018 to 06/17/2018)

CHICKENPOX

Moderate activity in general practice

In metropolitan France, last week (2018w24), the incidence rate of Chickenpox seen in general practice was estimated at 27 cases per 100,000 inhabitants (95% CI [19 ; 35]).

Ten regional clusters were reported, **high** in Bourgogne-Franche-Comté (86 cases per 100,000 inhabitants, 95% CI [21 ; 151]) and **moderate** in Bretagne (30, 95% CI [2 ; 58]), Occitanie (30, 95% CI [5 ; 55]), Pays de la Loire (29, 95% CI [2 ; 56]), Normandie (28, 95% CI [0 ; 62]), Auvergne-Rhône-Alpes (27, 95% CI [7 ; 47]), Corse (26, 95% CI [0 ; 63]), Nouvelle-Aquitaine (25, 95% CI [0 ; 53]), Provence-Alpes-Côte d'Azur (24, 95% CI [0 ; 55]) and Ile-de-France (21, 95% CI [1 ; 41]). *

[More information about Chickenpox Sentinelles surveillance](#)

ACUTE DIARRHEA

Moderate activity in general practice

In metropolitan France, last week (2018w24), the incidence rate of Acute diarrhea seen in general practice was estimated at 88 cases per 100,000 inhabitants (95% CI [74 ; 102]), below the epidemic threshold (102 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Grand Est (157 cases per 100,000 inhabitants, 95% CI [94 ; 220]), Pays de la Loire (123, 95% CI [51 ; 195]) and Normandie (116, 95% CI [50 ; 182]). *

[More information about Acute Diarrhea Sentinelles surveillance](#)

INFLUENZA-LIKE ILLNESS

Low activity in general practice

In metropolitan France, last week (2018w24), 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: Bretagne (81 cases per 100,000 inhabitants, 95% CI [1 ; 161]), Grand Est (12, 95% CI [0 ; 32]) and Ile-de-France (7, 95% CI [0 ; 14]). *

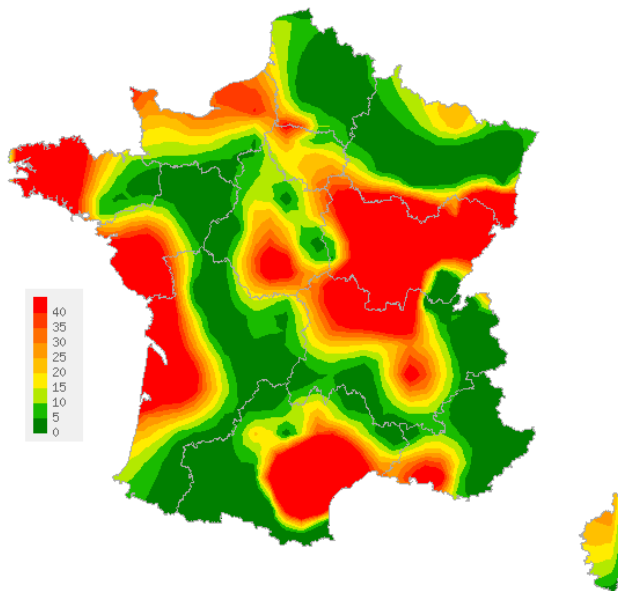
[More information about Influenza-like illness Sentinelles surveillance](#)

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

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

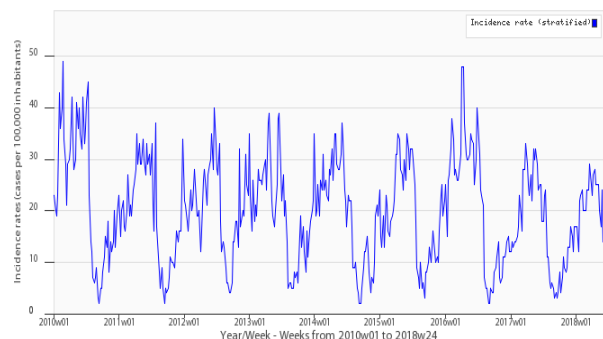
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health.* 1991;81(1):97-9.

CHICKENPOX



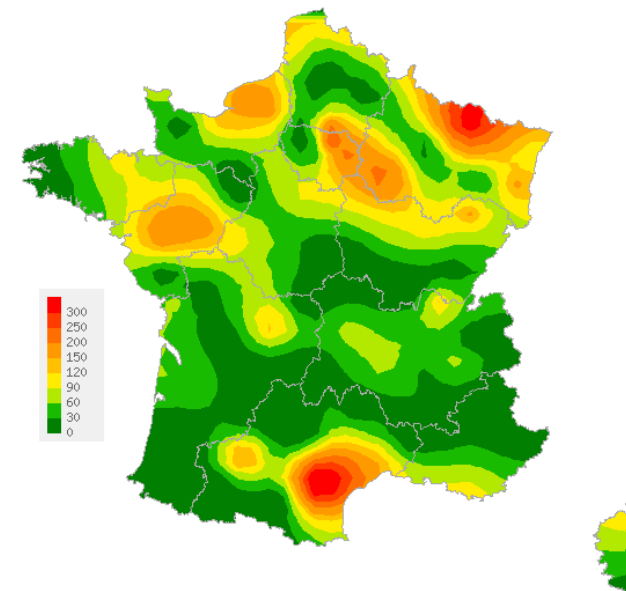
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners, 2018w24
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

Sentinelles Network, Chickenpox, Metropolitan France



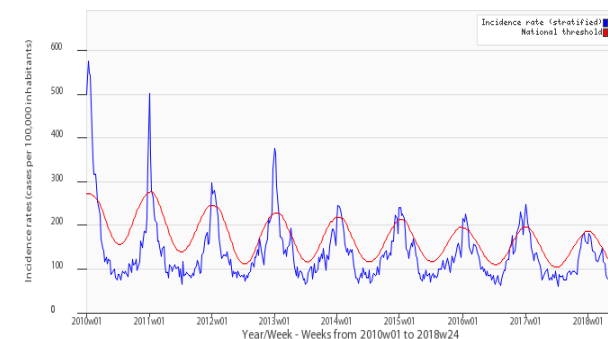
Incidence rate in blue,
(per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners

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, 2018w24
[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	2018w24 (non consolidated)	2018w23	2018w22
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	6 [2 ; 10]	2 [0 ; 4]	5 [2 ; 8]
ACUTE DIARRHEA	88 [74 ; 102]	77 [66 ; 88]	80 [69 ; 91]
CHICKENPOX	27 [19 ; 35]	14 [9 ; 19]	24 [18 ; 30]

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

Regional incidence rates for week 2018w24 (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	2 [0 ; 5]	56 [24 ; 88]	27 [7 ; 47]
Bourgogne-Franche-Comté	0 [0 ; 0]	64 [20 ; 108]	86 [21 ; 151]
Bretagne	81 [1 ; 161]	68 [0 ; 141]	30 [2 ; 58]
Centre-Val de Loire	0 [0 ; 0]	69 [27 ; 111]	13 [0 ; 29]
Corse	0 [0 ; 0]	102 [30 ; 174]	26 [0 ; 63]
Grand Est	12 [0 ; 32]	157 [94 ; 220]	6 [0 ; 20]
Hauts-de-France	0 [0 ; 0]	65 [19 ; 111]	2 [0 ; 9]
Ile-de-France	7 [0 ; 14]	85 [38 ; 132]	21 [1 ; 41]
Normandie	0 [0 ; 0]	116 [50 ; 182]	28 [0 ; 62]
Nouvelle-Aquitaine	0 [0 ; 0]	39 [8 ; 70]	25 [0 ; 53]
Occitanie	1 [0 ; 4]	86 [46 ; 126]	30 [5 ; 55]
Pays de la Loire	0 [0 ; 0]	123 [51 ; 195]	29 [2 ; 56]
Provence-Alpes-Côte d'Azur	0 [0 ; 0]	54 [0 ; 109]	24 [0 ; 55]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2018w24.

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*The " Réseau Sentinelles " or Sentinelles Network
(a.k.a. French Communicable Diseases Computer Network)
is a network of 1,449 physicians working throughout the metropolitan regions of
France including 587 involved in the clinical surveillance activity
(468 general practitioners and 119 pediatricians)
enabling the achievement of weekly newsletters.
This network is developed in cooperation between Inserm, Sorbonne Université
(UPMC) and the Agence Santé publique France.*

Head of RS: Thomas Hanslik
Deputy head of RS: Thierry Blanchon
Monitoring managers: Marion Debin, Caroline Guerrisi, Louise Rossignol,
Laetitia Vaillant
Information systems, biostatistics: Corentin Hervé, Titouan Launay, Cécile
Souty, Clément Turbelin, Ana Vilcu
Publication: Yves Dorléans, Corentin Hervé

Regional branch	Head of network	Regional manager
Auvergne-Rhône-Alpes / Bourgogne-Franche-Comté	Marianne Sarazin	Caroline Liotard
Centre Val de Loire / Hauts-de-France	Thierry Prazuck	Mathieu Rivière
Ile-de-France	Mathilde François	Lucie Fournier
Méditerranée : Corse / Occitanie / Provence-Alpes-Côte d'Azur	Jean-Pierre Amoros Alessandra Falchi	Shirley Masse Natacha Villechenaud

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