

ACUTE DIARRHEA

Low to moderate activity

In metropolitan France, last week (2017w37), the incidence rate of Acute diarrhea seen in general practice was estimated at 103 cases per 100,000 inhabitants (95% CI [85 ; 121]), below the epidemic threshold (132 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Provence-Alpes-Côte d'Azur (204 cases per 100,000 inhabitants, 95% CI [83 ; 325]), Nouvelle-Aquitaine (133, 95% CI [42 ; 224]) and Grand Est (121, 95% CI [63 ; 179]). *

[More information about this surveillance](#)

INFLUENZA-LIKE ILLNESS

Low activity

In metropolitan France, last week (2017w37), the incidence rate of Influenza-like illness seen in general practice was estimated at 18 cases per 100,000 inhabitants (95% CI [11 ; 25]), below the epidemic threshold (94 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Bretagne (65 cases per 100,000 inhabitants, 95% CI [18 ; 112]), Grand Est (27, 95% CI [0 ; 65]) and Hauts-de-France (21, 95% CI [0 ; 42]). *

[More information about this surveillance](#)

CHICKENPOX

Low activity

In metropolitan France, last week (2017w37), the incidence rate of Chickenpox seen in general practice was estimated at 4 cases per 100,000 inhabitants (95% CI [1 ; 7]).

No significant regional cluster was reported. *

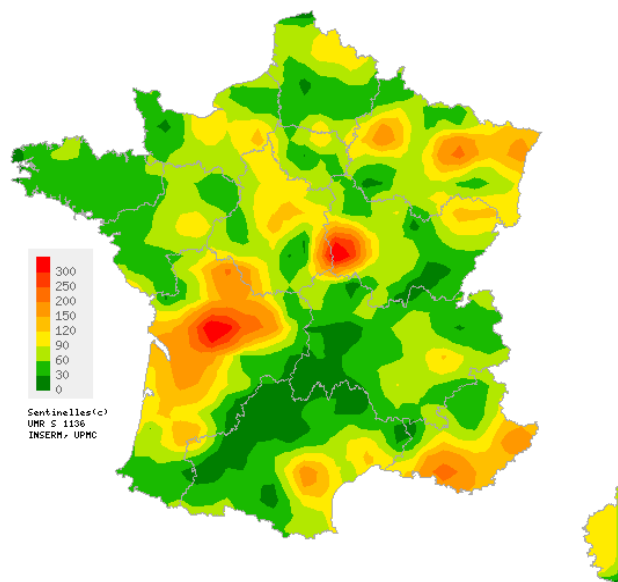
[More information about this surveillance](#)

[Information about the statistical methods](#)

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

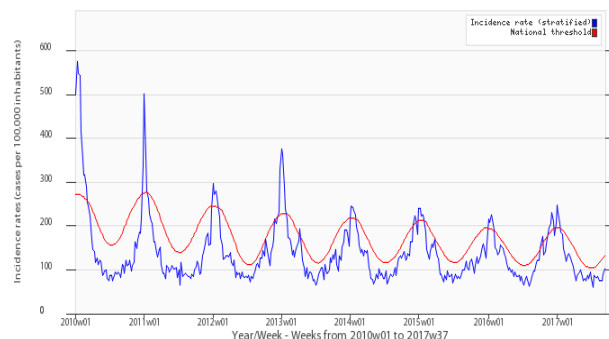
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health*. 1991;81(1):97-9.

ACUTE DIARRHEA



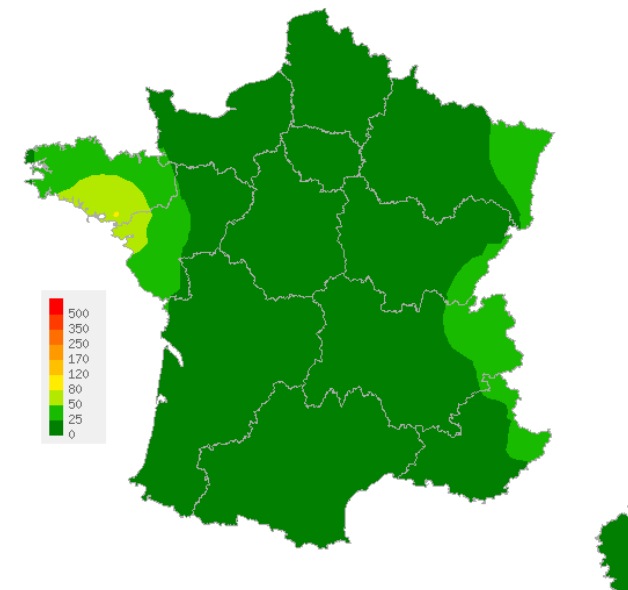
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners, 2017w37
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

Sentinelles Network, Acute diarrhea, Metropolitan France



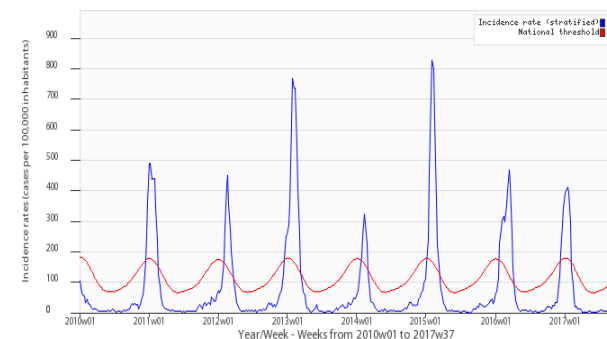
Incidence rate in blue, epidemic threshold in red calculated by a periodic regression model [1] (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners

INFLUENZA-LIKE ILLNESS



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Influenza-like illness, Sentinelles general practitioners, 2017w37
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

Sentinelles Network, Influenza-like illness, Metropolitan France



Incidence rate in blue, epidemic threshold in red calculated by a periodic regression model [1] (per 100 000 inhabitants), Influenza-like illness, Sentinelles general practitioners

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2017w37 (non consolidated)	2017w36	2017w35
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	18 [11 ; 25]	4 [1 ; 7]	4 [1 ; 7]
ACUTE DIARRHEA	103 [85 ; 121]	91 [77 ; 105]	75 [63 ; 87]
CHICKENPOX	4 [1 ; 7]	3 [1 ; 5]	5 [2 ; 8]

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

Regional incidence rates for week 2017w37 (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]
<i>Auvergne-Rhône-Alpes</i>	20 [0 ; 40]	72 [38 ; 106]	2 [0 ; 9]
<i>Bourgogne-Franche-Comté</i>	12 [0 ; 30]	85 [42 ; 128]	0 [0 ; 0]
<i>Bretagne</i>	65 [18 ; 112]	46 [0 ; 92]	0 [0 ; 0]
<i>Centre-Val de Loire</i>	4 [0 ; 12]	76 [31 ; 121]	8 [0 ; 20]
<i>Corse</i>	0 [0 ; 0]	117 [50 ; 184]	0 [0 ; 0]
<i>Grand Est</i>	27 [0 ; 65]	121 [63 ; 179]	4 [0 ; 12]
<i>Hauts-de-France</i>	21 [0 ; 42]	91 [35 ; 147]	0 [0 ; 0]
<i>Ile-de-France</i>	18 [0 ; 43]	59 [20 ; 98]	3 [0 ; 7]
<i>Normandie</i>	0 [0 ; 0]	77 [31 ; 123]	4 [0 ; 18]
<i>Nouvelle-Aquitaine</i>	9 [0 ; 24]	133 [42 ; 224]	0 [0 ; 0]
<i>Occitanie</i>	5 [0 ; 12]	69 [28 ; 110]	0 [0 ; 0]
<i>Pays de la Loire</i>	4 [0 ; 15]	60 [0 ; 127]	13 [0 ; 35]
<i>Provence-Alpes-Côte d'Azur</i>	18 [0 ; 39]	204 [83 ; 325]	0 [0 ; 0]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2017w37.

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 1,413 physicians working throughout the metropolitan regions of
France including 561 involved in the clinical surveillance activity
(446 general practitioners and 115 pediatricians)
enabling the achievement of weekly newsletters.
This network is developped in cooperation between Inserm, Université Pierre et
Marie Curie (UPMC) and the Agence Santé publique France.*

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Deputy head of RS : Thierry Blanchon
Monitoring managers: Caroline Guerrisi, Louise Rossignol, Laetitia Vaillant
Information systems, biostatistics :
Titouan Launay, Cécile Souty, Clément Turbelin, Ana Vilcu
Editor : Yves Dorléans

Regional branch	Head of network	Regional manager
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Centre Val de Loire / Hauts-de-France	Thierry Prazuck	Thomas Goronflot Mathieu Rivière
Ile-de-France	Mathilde François	-
Méditerranée : Corse / Occitanie / Provence-Alpes-Côte d'Azur	Jean-Pierre Amoros Alessandra Falchi	Priscillia Bompard Lisandru Capai Shirley Masse

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