

## ACUTE DIARRHEA

### Moderate activity

**In metropolitan France**, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 133 cases per 100,000 inhabitants (95% CI [111 ; 155]), **below** the epidemic threshold (138 cases per 100,000 inhabitants) [1].

**At the regional level**, the highest incidence rates were noted in: Picardie (408 cases per 100,000 inhabitants, 95% CI [78 ; 738]), Nord-Pas-de-Calais (312, 95% CI [117 ; 507]) and Champagne-Ardenne (215, 95% CI [68 ; 362]). \*

[More information about this surveillance](#)

## CHICKENPOX

### Low activity

**In metropolitan France**, last week, the incidence rate of Chickenpox seen in general practice was estimated at 4 cases per 100,000 inhabitants (95% CI [0 ; 9]).

**Three regional clusters** were reported, **high** in Poitou-Charentes (43 cases per 100,000 inhabitants, 95% CI [0 ; 128]) and **moderate** in Lorraine (26, 95% CI [0 ; 62]) and Limousin (26, 95% CI [0 ; 81]). \*

[More information about this surveillance](#)

## INFLUENZA-LIKE ILLNESS

### Low activity

**In metropolitan France**, last week, the incidence rate of Influenza-like illness seen in general practice was estimated at 11 cases per 100,000 inhabitants (95% CI [4 ; 18]), **below** the epidemic threshold (101 cases per 100,000 inhabitants) [1].

**At the regional level**, the highest incidence rates were noted in: Nord-Pas-de-Calais (38 cases per 100,000 inhabitants, 95% CI [0 ; 120]), Franche-Comté (27, 95% CI [0 ; 81]) and Languedoc-Roussillon (24, 95% CI [0 ; 55]). \*

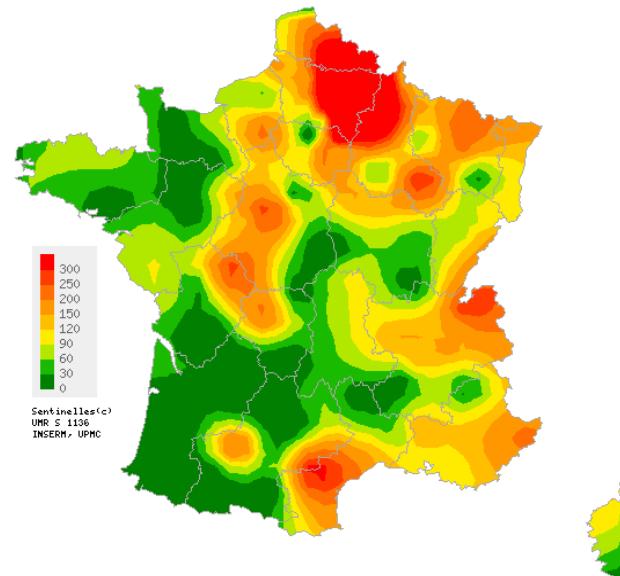
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## Information about the statistical methods

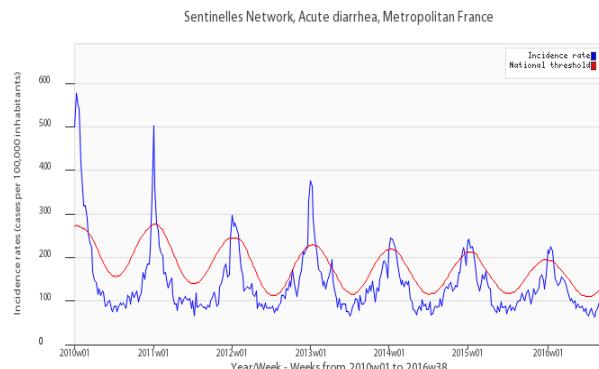
\* The regional data are presented at the end of this report.

[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

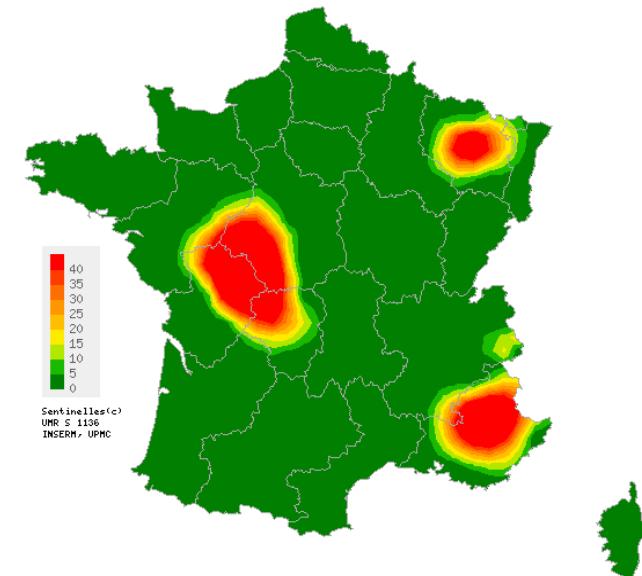


Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners, 2016w38  
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

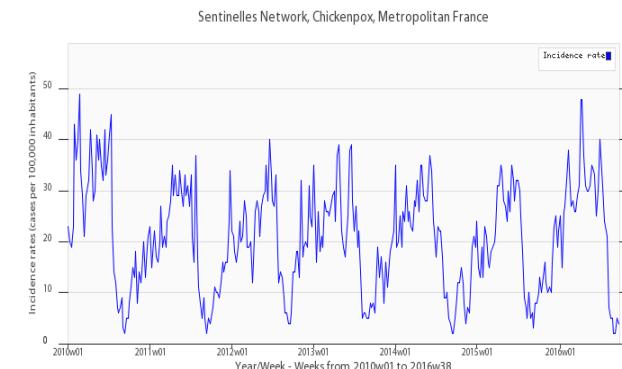


Incidence rate in blue,  
epidemic threshold in red calculated by a periodic regression model [1]  
(per 100 000 inhabitants), Acute diarrhea , Sentinelles general practitioners

## CHICKENPOX



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners, 2016w38  
[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	2016w38 (non consolidated)	2016w37	2016w36
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	11 [4 ; 18]	6 [2 ; 10]	4 [1 ; 7]
ACUTE DIARRHEA	133 [111 ; 155]	120 [104 ; 136]	97 [83 ; 111]
CHICKENPOX	4 [0 ; 9]	5 [1 ; 9]	2 [0 ; 4]

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

Regional incidence rates for week 2016w38 (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]
Alsace	0 [0 ; 0]	123 [24 ; 222]	0 [0 ; 0]
Aquitaine	9 [0 ; 30]	15 [0 ; 55]	0 [0 ; 0]
Auvergne	0 [0 ; 0]	87 [0 ; 175]	0 [0 ; 0]
Basse-Normandie	2 [0 ; 11]	42 [0 ; 86]	0 [0 ; 0]
Bourgogne	0 [0 ; 0]	54 [8 ; 100]	0 [0 ; 0]
Bretagne	0 [0 ; 0]	44 [0 ; 93]	0 [0 ; 0]
Centre	0 [0 ; 0]	102 [0 ; 220]	11 [0 ; 33]
Champagne-Ardenne	6 [0 ; 34]	215 [68 ; 362]	0 [0 ; 0]
Corse	7 [0 ; 27]	112 [35 ; 189]	0 [0 ; 0]
Franche-Comté	27 [0 ; 81]	84 [0 ; 175]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	111 [9 ; 213]	0 [0 ; 0]
Ile-de-France	9 [0 ; 21]	85 [0 ; 170]	0 [0 ; 0]
Languedoc-Roussillon	24 [0 ; 55]	145 [74 ; 216]	0 [0 ; 0]
Limousin	5 [0 ; 29]	123 [4 ; 242]	26 [0 ; 81]
Lorraine	0 [0 ; 0]	185 [77 ; 293]	26 [0 ; 62]
Midi-Pyrénées	0 [0 ; 0]	28 [0 ; 59]	0 [0 ; 0]
Nord-Pas-de-Calais	38 [0 ; 120]	312 [117 ; 507]	0 [0 ; 0]
Pays-de-la-Loire	17 [0 ; 54]	68 [0 ; 140]	0 [0 ; 0]
Picardie	0 [0 ; 0]	408 [78 ; 738]	0 [0 ; 0]
Poitou-Charentes	0 [0 ; 0]	106 [0 ; 243]	43 [0 ; 128]
Provence-Alpes-Côte-d'Azur	19 [0 ; 42]	133 [22 ; 244]	4 [0 ; 24]
Rhône-Alpes	9 [0 ; 25]	148 [93 ; 203]	0 [0 ; 1]

Table 2 : Incidence rates\* estimation with 95% confidence interval, for each indicator, for each French region, for week 2016w38.

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The " Réseau Sentinelles " or Sentinelles Network  
(a.k.a. French Communicable Diseases Computer Network)  
is a network of 1394 physicians working throughout the metropolitan regions  
of France including 548 involved in the clinical surveillance activity  
(435 general practitioners and 113 pediatricians)  
enabling the achievement of weekly newsletters.  
This network is developed in cooperation between Inserm, Université Pierre  
et Marie Curie (UPMC) and the Agence Santé publique France.

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**Information systems, biostatistics :** Clément Turbelin, Cécile Souty  
**Editor :** Yves Dorléans

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Centre-Val-de-Loire / Nord-Pas-de-Calais-Picardie	Thierry Prazuck	Mathieu Rivière
Ile-de-France	Mathilde François	Cécile Pino
Méditerranée : Corse, Languedoc-Roussillon Midi-Pyrénées, Provence- Alpes-Côte d'Azur	Jean-Pierre Amoros Alessandra Falchi	Lisandru Capai Shirley Masse

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