

## CHICKENPOX

### Moderate activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 28 cases per 100,000 inhabitants (95% CI [18 ; 38]).

Ten regional clusters were reported, **high** in Picardie (77 cases per 100,000 inhabitants, 95% CI [0 ; 194]), Rhône-Alpes (51, 95% CI [18 ; 84]) and Centre (44, 95% CI [10 ; 78]) and **moderate** in Auvergne (39, 95% CI [4 ; 74]), Champagne-Ardenne (36, 95% CI [0 ; 107]), Haute-Normandie (31, 95% CI [0 ; 69]), Languedoc-Roussillon (28, 95% CI [0 ; 70]), Pays-de-la-Loire (28, 95% CI [0 ; 59]), Provence-Alpes-Côte-d'Azur (24, 95% CI [0 ; 68]) and Alsace (23, 95% CI [0 ; 69]). \*

[More information about this surveillance](#)

## ACUTE DIARRHEA

### Low activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 78 cases per 100,000 inhabitants (95% CI [62 ; 94]), **below** the epidemic threshold (112 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Alsace (192 cases per 100,000 inhabitants, 95% CI [56 ; 328]), Lorraine (182, 95% CI [43 ; 321]) and Provence-Alpes-Côte-d'Azur (161, 95% CI [60 ; 262]). \*

[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 8 cases per 100,000 inhabitants (95% CI [2 ; 14]), **below** the epidemic threshold (70 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Aquitaine (76 cases per 100,000 inhabitants, 95% CI [0 ; 182]), Ile-de-France (20, 95% CI [0 ; 47]) and Rhône-Alpes (10, 95% CI [0 ; 25]). \*

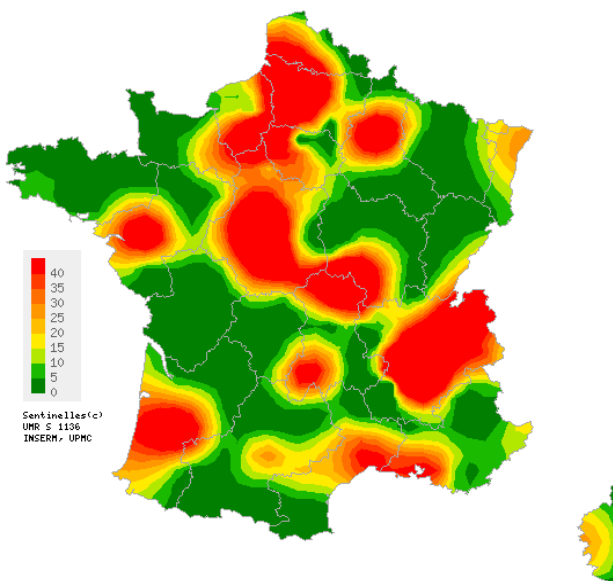
[More information about this surveillance](#)

[Information about the statistical methods](#)

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

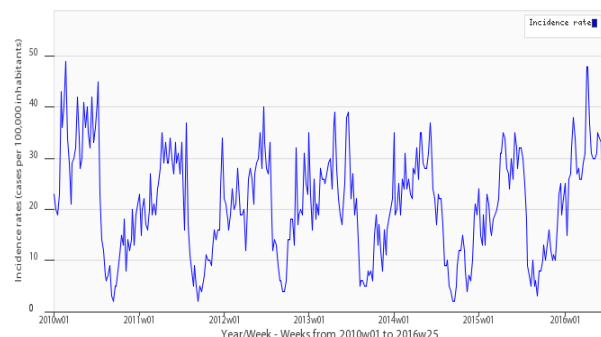
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health.* 1991;81(1):97-9.

## CHICKENPOX



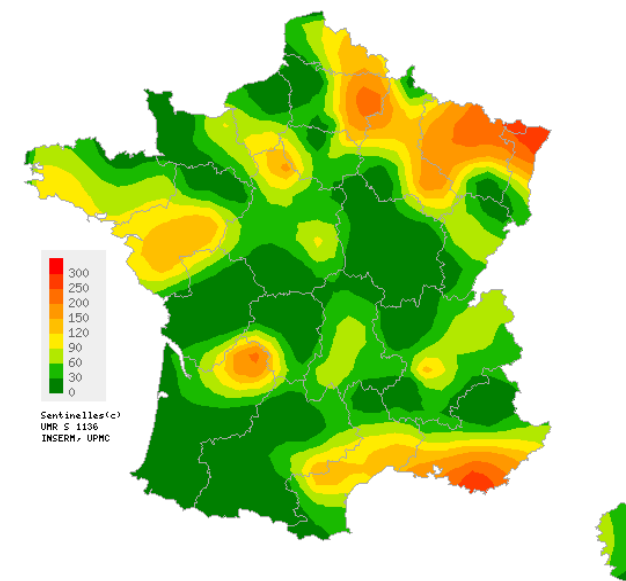
Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners, 2016w25  
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

Sentinelles Network, Chickenpox, Metropolitan France



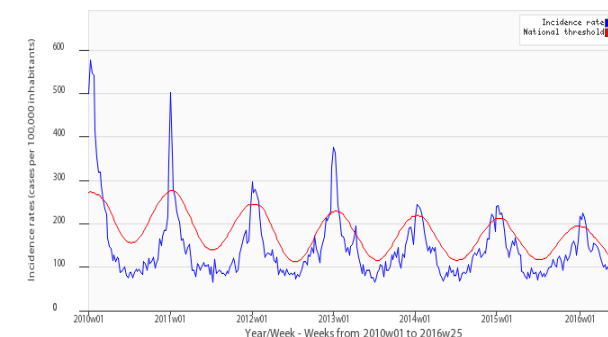
Incidence rate in blue, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners

## 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, 2016w25  
[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<br>(per 100 000 inhabitants)<br>over the past 3 weeks | 2016w25 (non consolidated)                             | 2016w24                                                | 2016w23                                                |
|--------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
|                                                                                | Incidence rate estimation<br>[95% confidence interval] | Incidence rate estimation<br>[95% confidence interval] | Incidence rate estimation<br>[95% confidence interval] |
| INFLUENZA-LIKE ILLNESS                                                         | 8 [2 ; 14]                                             | 8 [4 ; 12]                                             | 8 [4 ; 12]                                             |
| ACUTE DIARRHEA                                                                 | 78 [62 ; 94]                                           | 87 [73 ; 101]                                          | 86 [72 ; 100]                                          |
| CHICKENPOX                                                                     | 28 [18 ; 38]                                           | 25 [18 ; 32]                                           | 33 [24 ; 42]                                           |

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

| Regional incidence rates<br>for week 2016w25<br>(per 100 000 inhabitants) | INFLUENZA-LIKE ILLNESS                                 | ACUTE DIARRHEA                                         | CHICKENPOX                                             |
|---------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
|                                                                           | Incidence rate estimation<br>[95% confidence interval] | Incidence rate estimation<br>[95% confidence interval] | Incidence rate estimation<br>[95% confidence interval] |
| Alsace                                                                    | 1 [0 ; 9]                                              | 192 [56 ; 328]                                         | 23 [0 ; 69]                                            |
| Aquitaine                                                                 | 76 [0 ; 182]                                           | 58 [0 ; 134]                                           | 9 [0 ; 27]                                             |
| Auvergne                                                                  | 0 [0 ; 0]                                              | 56 [0 ; 125]                                           | 39 [4 ; 74]                                            |
| Basse-Normandie                                                           | 0 [0 ; 0]                                              | 56 [9 ; 103]                                           | 6 [0 ; 20]                                             |
| Bourgogne                                                                 | 0 [0 ; 0]                                              | 0 [0 ; 0]                                              | 0 [0 ; 0]                                              |
| Bretagne                                                                  | 0 [0 ; 0]                                              | 74 [0 ; 194]                                           | 2 [0 ; 11]                                             |
| Centre                                                                    | 6 [0 ; 18]                                             | 71 [28 ; 114]                                          | 44 [10 ; 78]                                           |
| Champagne-Ardenne                                                         | 0 [0 ; 0]                                              | 82 [0 ; 184]                                           | 36 [0 ; 107]                                           |
| Corse                                                                     | 0 [0 ; 0]                                              | 49 [0 ; 100]                                           | 14 [0 ; 42]                                            |
| Franche-Comté                                                             | 0 [0 ; 0]                                              | 63 [0 ; 140]                                           | 0 [0 ; 0]                                              |
| Haute-Normandie                                                           | 0 [0 ; 0]                                              | 34 [0 ; 74]                                            | 31 [0 ; 69]                                            |
| Ile-de-France                                                             | 20 [0 ; 47]                                            | 33 [1 ; 65]                                            | 15 [2 ; 28]                                            |
| Languedoc-Roussillon                                                      | 0 [0 ; 0]                                              | 115 [35 ; 195]                                         | 28 [0 ; 70]                                            |
| Limousin                                                                  | 0 [0 ; 0]                                              | 0 [0 ; 0]                                              | 0 [0 ; 0]                                              |
| Lorraine                                                                  | 6 [0 ; 19]                                             | 182 [43 ; 321]                                         | 0 [0 ; 0]                                              |
| Midi-Pyrénées                                                             | 0 [0 ; 0]                                              | 28 [0 ; 66]                                            | 15 [0 ; 44]                                            |
| Nord-Pas-de-Calais                                                        | 0 [0 ; 0]                                              | 125 [46 ; 204]                                         | 10 [0 ; 30]                                            |
| Pays-de-la-Loire                                                          | 0 [0 ; 0]                                              | 109 [10 ; 208]                                         | 28 [0 ; 59]                                            |
| Picardie                                                                  | 0 [0 ; 0]                                              | 93 [0 ; 250]                                           | 77 [0 ; 194]                                           |
| Poitou-Charentes                                                          | 0 [0 ; 0]                                              | 0 [0 ; 0]                                              | 0 [0 ; 0]                                              |
| Provence-Alpes-Côte-d'Azur                                                | 3 [0 ; 16]                                             | 161 [60 ; 262]                                         | 24 [0 ; 68]                                            |
| Rhône-Alpes                                                               | 10 [0 ; 25]                                            | 41 [11 ; 71]                                           | 51 [18 ; 84]                                           |

Table 2 : Incidence rates\* estimation with 95% confidence interval, for each indicator, for each French regions, for week 2016w25.

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*The " Réseau Sentinelles" or Sentinelles Network  
(a.k.a. French Communicable Diseases Computer Network)  
is a network of 1407 physicians working throughout the metropolitan regions  
of France including 565 involved in the clinical surveillance activity  
(452 general practitioners and 113 pediatricians)  
enabling the achievement of weekly newsletters.  
This network is developped in cooperation between Inserm, Université Pierre  
et Marie Curie (UPMC) and the Institut de Veille Sanitaire (InVS).*

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| Regional branch                                                 | Head of network                         | Regional manager                |
|-----------------------------------------------------------------|-----------------------------------------|---------------------------------|
| <b>Bourgogne<br/>Auvergne<br/>Franche Comté<br/>Rhône-Alpes</b> | Marianne Sarazin                        | Caroline Liotard                |
| <b>Ile-de-France</b>                                            | Mathilde François                       | Cécile Pino                     |
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\* Incidence rates estimate are calculated on the activity of general practitioners.