

Sentinelles network report from 05/29/2019, n° 2019w21 (data from 05/20/2019 to 05/26/2019)

## CHICKENPOX

### Moderate activity in general practice

In metropolitan France, last week (2019w21), the incidence rate of Chickenpox seen in general practice was estimated at 30 cases per 100,000 inhabitants (95% CI [22 ; 38]).

Eight regional clusters were noted, **high** in Bretagne (49 cases per 100,000 inhabitants, 95% CI [6 ; 92]) and **moderate** in Occitanie (35, 95% CI [9 ; 61]), Auvergne-Rhône-Alpes (29, 95% CI [8 ; 50]), Grand Est (27, 95% CI [9 ; 45]), Pays de la Loire (27, 95% CI [4 ; 50]), Provence-Alpes-Côte d'Azur (25, 95% CI [2 ; 48]), Ile-de-France (22, 95% CI [6 ; 38]) and Centre-Val de Loire (22, 95% CI [2 ; 42]). \*

[More information about chickenpox Sentinelles surveillance](#)

## ACUTE DIARRHEA

### Moderate activity in general practice

In metropolitan France, last week (2019w21), the incidence rate of acute diarrhea seen in general practice was estimated at 93 cases per 100,000 inhabitants (95% CI [78 ; 108]), **below** the epidemic threshold (104 cases per 100,000).

At the regional level, the highest incidence rates were noted in: Pays de la Loire (187 cases per 100,000 inhabitants, 95% CI [0 ; 464]), Hauts-de-France (140, 95% CI [76 ; 204]) and Nouvelle-Aquitaine (138, 95% CI [57 ; 219]). \*

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

## INFLUENZA-LIKE ILLNESS

### Low activity in general practice

In metropolitan France, last week (2019w21), the incidence rate of influenza-like illness seen in general practice was estimated at 5 cases per 100,000 inhabitants (95% CI [2 ; 8]).

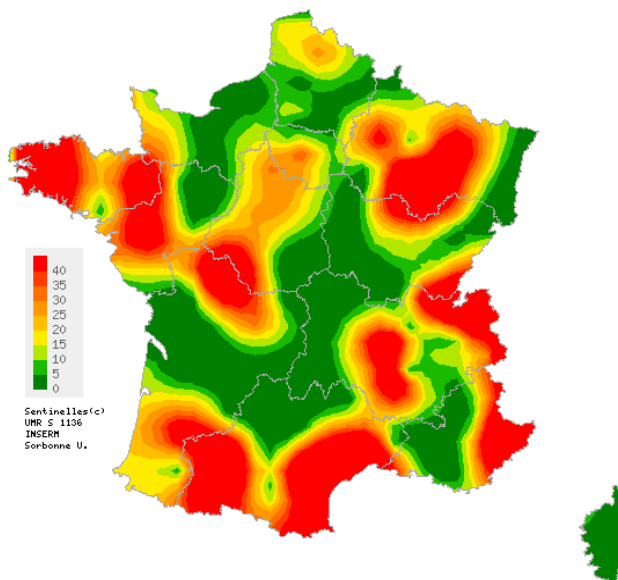
At the regional level, the highest incidence rates were noted in: Bretagne (43 cases per 100,000 inhabitants, 95% CI [0 ; 92]), Auvergne-Rhône-Alpes (12, 95% CI [0 ; 26]) and Provence-Alpes-Côte d'Azur (10, 95% CI [0 ; 33]).

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

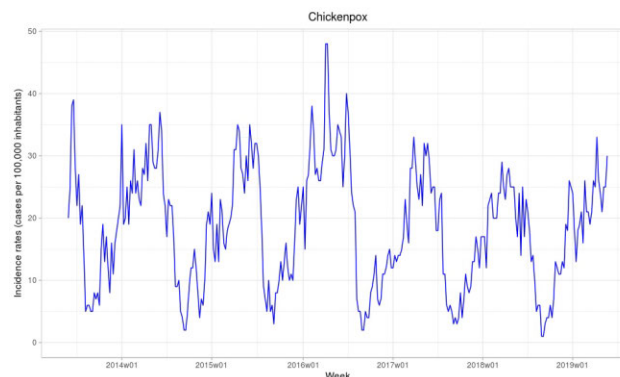
[Information about Sentinelles network statistical methods \(in french\)](#)

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

## CHICKENPOX

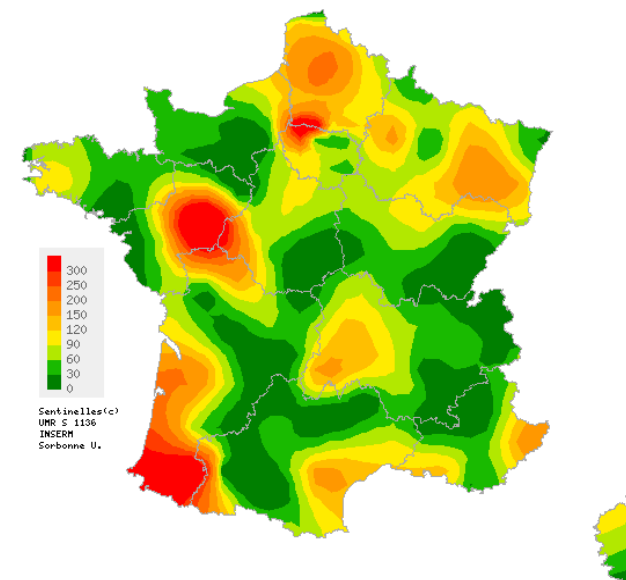


Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level, (per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners, 2019w21  
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

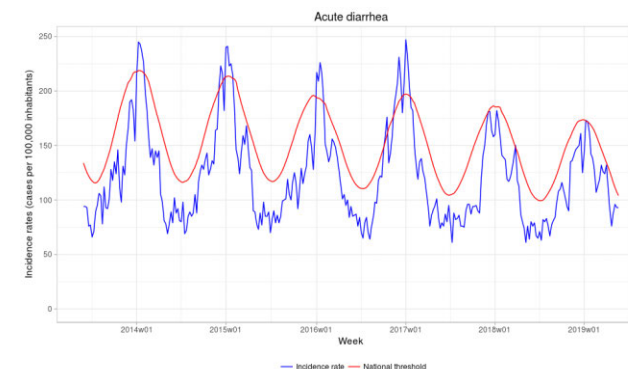


Incidence rate in blue, (per 100,000 inhabitants), Chickenpox, Sentinelles general practitioners

## 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, 2019w21  
[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

| National incidence rates<br>(per 100,000 inhabitants)<br>over the past 3 weeks | 2019w21 (non consolidated)                             | 2019w20                                                | 2019w19                                                |
|--------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
|                                                                                | Incidence rate estimation<br>[95% confidence interval] | Incidence rate estimation<br>[95% confidence interval] | Incidence rate estimation<br>[95% confidence interval] |
| INFLUENZA-LIKE ILLNESS                                                         | 5 [2 ; 8]                                              | 4 [1 ; 7]                                              | 5 [2 ; 8]                                              |
| ACUTE DIARRHEA                                                                 | 93 [78 ; 108]                                          | 93 [81 ; 105]                                          | 96 [84 ; 108]                                          |
| CHICKENPOX                                                                     | 30 [22 ; 38]                                           | 25 [19 ; 31]                                           | 25 [19 ; 31]                                           |

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 2019w21<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] |
| Auvergne-Rhône-Alpes                                                      | 12 [0 ; 26]                                            | 59 [32 ; 86]                                           | 29 [8 ; 50]                                            |
| Bourgogne-Franche-Comté                                                   | 0 [0 ; 0]                                              | 46 [9 ; 83]                                            | 8 [0 ; 24]                                             |
| Bretagne                                                                  | 43 [0 ; 92]                                            | 58 [10 ; 106]                                          | 49 [6 ; 92]                                            |
| Centre-Val de Loire                                                       | 6 [0 ; 15]                                             | 70 [34 ; 106]                                          | 22 [2 ; 42]                                            |
| Corse                                                                     | 6 [0 ; 25]                                             | 105 [0 ; 221]                                          | 0 [0 ; 0]                                              |
| Grand Est                                                                 | 0 [0 ; 0]                                              | 114 [76 ; 152]                                         | 27 [9 ; 45]                                            |
| Hauts-de-France                                                           | 0 [0 ; 0]                                              | 140 [76 ; 204]                                         | 17 [0 ; 39]                                            |
| Ile-de-France                                                             | 5 [0 ; 14]                                             | 118 [4 ; 232]                                          | 22 [6 ; 38]                                            |
| Normandie                                                                 | 0 [0 ; 0]                                              | 50 [7 ; 93]                                            | 6 [0 ; 18]                                             |
| Nouvelle-Aquitaine                                                        | 0 [0 ; 0]                                              | 138 [57 ; 219]                                         | 13 [0 ; 31]                                            |
| Occitanie                                                                 | 3 [0 ; 10]                                             | 68 [34 ; 102]                                          | 35 [9 ; 61]                                            |
| Pays de la Loire                                                          | 0 [0 ; 0]                                              | 187 [0 ; 464]                                          | 27 [4 ; 50]                                            |
| Provence-Alpes-Côte d'Azur                                                | 10 [0 ; 33]                                            | 102 [39 ; 165]                                         | 25 [2 ; 48]                                            |

Table 2 : Incidence rates\* estimation with 95% confidence interval, for each indicator, for each French region, for week 2019w21.

| <p align="center"><b>Réseau Sentinelles</b><br/> <b>Inserm - Sorbonne Université UMR-S 1136</b><br/> <b>Institut Pierre Louis d'Epidémiologie et de Santé Publique (IPLESP)</b><br/> <b>Sorbonne-Université, site Saint-Antoine</b><br/> <b>27, rue Chaligny / 75571 Paris cedex 12</b><br/> Phone. : 01 44 73 84 35 / Fax : 01 44 73 84 54<br/> Email : <a href="mailto:sentinelles@upmc.fr">sentinelles@upmc.fr</a></p> <p><i>The " Réseau Sentinelles " or Sentinelles Network (a.k.a. French Communicable Diseases Computer Network) is a network of 1,431 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></p> <p><b>Head of RS:</b> Thomas Hanslik<br/> <b>Deputy head of RS:</b> Thierry Blanchon<br/> <b>Monitoring managers:</b> Louise Rossignol<br/> <b>Information systems, biostatistics:</b> Corentin Hervé, Titouan Launay, Cécile Souty, Clément Turbelin, Ana Vilcu<br/> <b>Publication:</b> Yves Dorléans</p> |                                                              |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------|
| Regional branch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Head of network                                              | Regional manager                         |
| Auvergne-Rhône-Alpes /<br>Bourgogne-Franche-Comté                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Marianne Sarazin                                             | Caroline Liotard                         |
| Centre Val de Loire /<br>Pays de la Loire /<br>Hauts-de-France                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Thierry Prazuck                                              | Charly Kengne-Kuetché<br>Mathieu Rivière |
| Ile-de-France                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mathilde François                                            | Lucie Fournier                           |
| Méditerranée :<br>Corse /<br>Provence-Alpes-Côte d'Azur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Jean-Pierre Amoros<br>Alessandra Falchi                      | Shirley Masse<br>Natacha Villechenaud    |
| Sud-Ouest :<br>Nouvelle-Aquitaine /<br>Occitanie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Louise Rossignol<br>Thierry Blanchon<br>(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.