

Chickenpox, Acute diarrhea and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 05/11/2015 to 05/17/2015:

CHICKENPOX Moderate activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 26 cases per 100,000 inhabitants (95% CI [15 ; 37]).

Thirteen regional clusters were reported, **high** in Corse (131 cases per 100,000 inhabitants), Languedoc-Roussillon (64), Bretagne (58), Poitou-Charentes (54) and Provence-Alpes-Côte-d'Azur (41) and **moderate** in Nord-Pas-de-Calais (39), Rhône-Alpes (32), Limousin (29), Alsace (28), Auvergne (27), Aquitaine (25), Centre (23) and Picardie (22). *

[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 71 cases per 100,000 inhabitants (95% CI [53 ; 89]), **below** the epidemic threshold (159 cases per 100,000 inhabitants) [1]. *

[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 1 case per 100,000 inhabitants (95% CI [0 ; 3]), **below** the epidemic threshold (70 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

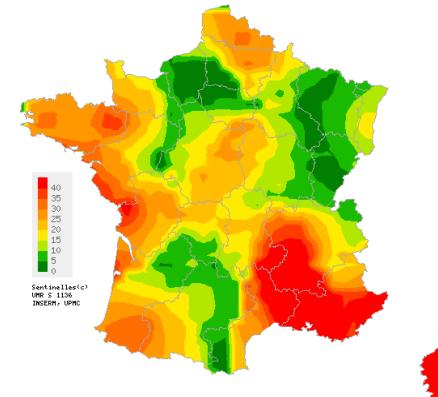
The Sentinelles network team

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

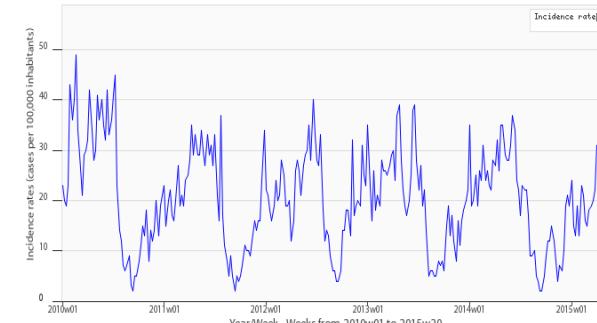
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. Am J Public Health. 1991;81(1):97-9.

CHICKENPOX

Observations for Chickenpox
Week 2015w20 (in cases per 100,000 inhabitants)



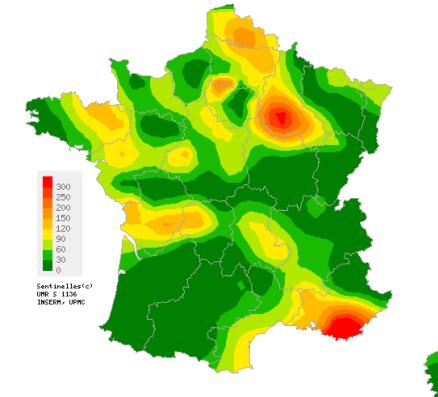
Sentinelles Network, Chickenpox, Metropolitan France



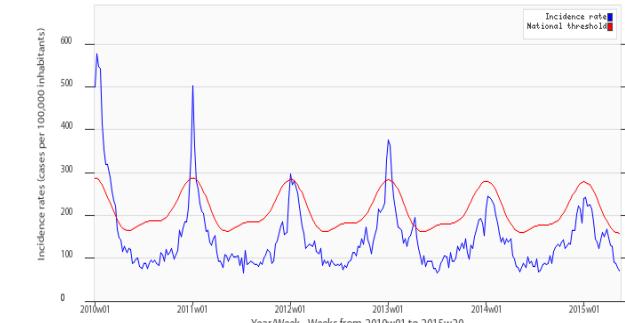
Incidence rate
(in cases per 100,000 inhabitants).

ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2015w20 (in cases per 100,000 inhabitants)



Sentinelles Network, Acute diarrhea, Metropolitan France



Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model [1]
(in cases per 100,000 inhabitants).

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2015w20 (non consolidated)	2015w19	2015w18
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	1 [0 ; 3]	10 [5 ; 15]	6 [3 ; 9]
ACUTE DIARRHEA	71 [53 ; 89]	79 [65 ; 93]	89 [75 ; 103]
CHICKENPOX	26 [15 ; 37]	28 [20 ; 36]	28 [20 ; 36]

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

Regional incidence rates for week 2015w20 (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]	45 [0 ; 132]	28 [0 ; 91]
Aquitaine	4 [0 ; 26]	8 [0 ; 39]	25 [0 ; 142]
Auvergne	0 [0 ; 0]	71 [0 ; 145]	27 [0 ; 65]
Basse-Normandie	0 [0 ; 0]	63 [0 ; 145]	11 [0 ; 38]
Bourgogne	0 [0 ; 0]	15 [0 ; 52]	15 [0 ; 52]
Bretagne	2 [0 ; 9]	83 [7 ; 159]	58 [0 ; 120]
Centre	10 [0 ; 29]	95 [28 ; 162]	23 [0 ; 51]
Champagne-Ardenne	0 [0 ; 0]	154 [0 ; 358]	0 [0 ; 0]
Corse	19 [0 ; 71]	47 [0 ; 124]	131 [2 ; 260]
Franche-Comté	0 [0 ; 0]	14 [0 ; 43]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	6 [0 ; 34]	0 [0 ; 0]
Ile-de-France	0 [0 ; 0]	55 [14 ; 96]	5 [0 ; 14]
Languedoc-Roussillon	0 [0 ; 0]	77 [0 ; 167]	64 [0 ; 146]
Limousin	0 [0 ; 0]	84 [0 ; 180]	29 [0 ; 85]
Lorraine	0 [0 ; 0]	38 [0 ; 113]	0 [0 ; 0]
Midi-Pyrénées	0 [0 ; 0]	15 [0 ; 41]	18 [0 ; 57]
Nord-Pas-de-Calais	0 [0 ; 0]	145 [39 ; 251]	39 [0 ; 97]
Pays-de-la-Loire	0 [0 ; 0]	64 [0 ; 158]	0 [0 ; 0]
Picardie	0 [0 ; 0]	77 [0 ; 208]	22 [0 ; 87]
Poitou-Charentes	0 [0 ; 0]	88 [0 ; 252]	54 [0 ; 159]
Provence-Alpes-Côte-d'Azur	0 [0 ; 0]	184 [39 ; 329]	41 [0 ; 99]
Rhône-Alpes	2 [0 ; 7]	31 [3 ; 59]	32 [0 ; 64]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2015w20 .

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The " Réseau Sentinelles " or Sentinelles Network
(a.k.a. French Communicable Diseases Computer Network)
is a network of general practitioners,
working throughout the metropolitan regions of France.

This group includes 1304 physicians, including 430 involved in the clinical surveillance activity, enabling the achievement of weekly newsletters.
This network is developed in cooperation between Inserm, Université Pierre et Marie Curie (UPMC) and the Institut de Veille Sanitaire (InVS).

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