

Acute diarrhea, Influenza-like illness and Chickenpox

Results from the electronic surveillance of communicable diseases from 11/16/2015 to 11/22/2015:

ACUTE DIARRHEA

Low activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 134 cases per 100,000 inhabitants (95% CI [116 ; 152]), **below** the epidemic threshold (244 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 24 cases per 100,000 inhabitants (95% CI [16 ; 32]), **below** the epidemic threshold (149 cases per 100,000 inhabitants) [1]. *

Virological monitoring: since week 2015w40, date of start of monitoring, among the 147 samples collected by Sentinelles network practitioners (124 by general practitioners and 23 by pediatricians):

- no sample among 146 tested for influenza viruses was positive,
- 21/145 were respiratory syncytial virus positive,
- 30/147 rhinovirus positive,
- 3/106 metapneumovirus positive.

[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 12 cases per 100,000 inhabitants (95% CI [7 ; 17]).

Five regional clusters were reported, **high** in Languedoc-Roussillon (57 cases per 100,000 inhabitants) and **moderate** in Centre (38), Champagne-Ardenne (31), Rhône-Alpes (27) and Lorraine (20). *

[More information about this surveillance](#)

The Sentinelles network team

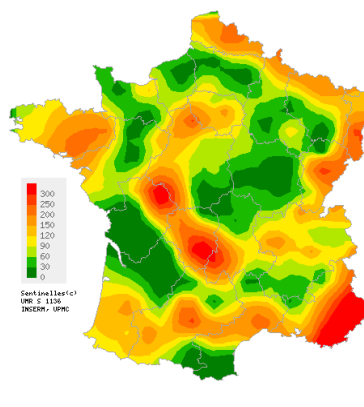
* The regional data are presented at the end of this report.

[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.

ACUTE DIARRHEA

Observations for Acute diarrhea

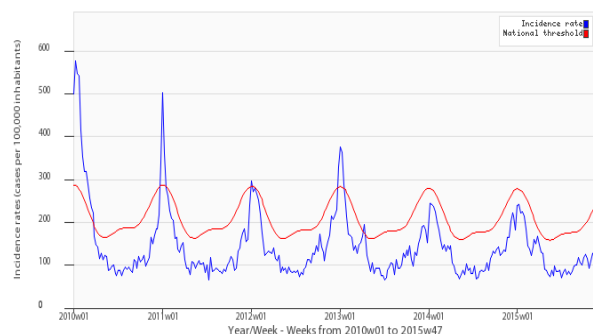
Week 2015w47 (in cases per 100,000 inhabitants)



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level.

Maps available at <http://www.sentiweb.fr>

Sentinelles Network, Acute diarrhea, Metropolitan France

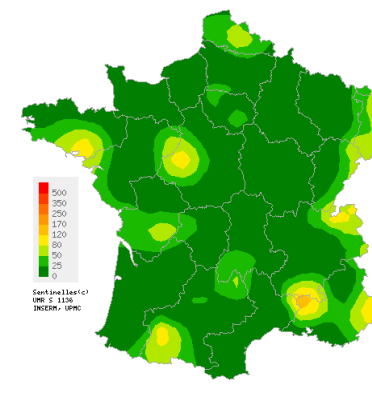


Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model [1]
(in cases per 100,000 inhabitants).

INFLUENZA-LIKE ILLNESS

Observations for Influenza-like illness

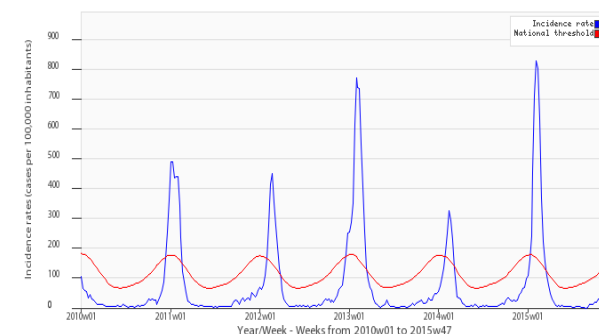
Week 2015w47 (in cases per 100,000 inhabitants)



Map of spatial data interpolation based on incidence rates at the « département » (NUTS 3) level.

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Sentinelles Network, Influenza-like illness, 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	2015w47 (non consolidated)	2015w46	2015w45
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	24 [16 ; 32]	20 [13 ; 27]	21 [14 ; 28]
ACUTE DIARRHEA	134 [116 ; 152]	115 [100 ; 130]	129 [112 ; 146]
CHICKENPOX	12 [7 ; 17]	10 [6 ; 14]	12 [7 ; 17]

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

Regional incidence rates for week 2015w47 (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	56 [0 ; 114]	182 [77 ; 287]	0 [0 ; 0]
Aquitaine	0 [0 ; 0]	53 [0 ; 174]	0 [0 ; 0]
Auvergne	12 [0 ; 31]	75 [12 ; 138]	1 [0 ; 5]
Basse-Normandie	0 [0 ; 0]	72 [0 ; 146]	0 [0 ; 0]
Bourgogne	0 [0 ; 0]	32 [0 ; 78]	1 [0 ; 6]
Bretagne	32 [0 ; 71]	174 [72 ; 276]	7 [0 ; 25]
Centre	32 [4 ; 60]	114 [61 ; 167]	38 [8 ; 68]
Champagne-Ardenne	2 [0 ; 15]	91 [24 ; 158]	31 [0 ; 78]
Corse	4 [0 ; 18]	81 [21 ; 141]	0 [0 ; 0]
Franche-Comté	10 [0 ; 30]	167 [0 ; 336]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	23 [0 ; 82]	0 [0 ; 0]
Ile-de-France	16 [0 ; 33]	109 [57 ; 161]	2 [0 ; 6]
Languedoc-Roussillon	0 [0 ; 0]	161 [65 ; 257]	57 [2 ; 112]
Limousin	15 [0 ; 47]	248 [0 ; 500]	4 [0 ; 22]
Lorraine	0 [0 ; 0]	115 [15 ; 215]	20 [0 ; 64]
Midi-Pyrénées	19 [0 ; 40]	179 [99 ; 259]	2 [0 ; 9]
Nord-Pas-de-Calais	56 [19 ; 93]	220 [147 ; 293]	15 [0 ; 35]
Pays-de-la-Loire	9 [0 ; 29]	64 [6 ; 122]	4 [0 ; 18]
Picardie	0 [0 ; 0]	35 [0 ; 120]	0 [0 ; 0]
Poitou-Charentes	30 [0 ; 95]	101 [6 ; 196]	0 [0 ; 0]
Provence-Alpes-Côte-d'Azur	49 [11 ; 87]	255 [147 ; 363]	12 [0 ; 30]
Rhône-Alpes	22 [1 ; 43]	124 [82 ; 166]	27 [5 ; 49]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French regions, for week 2015w47

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Ile-de-France	Mathilde François	Cécile Pino
Méditerranée	Jean-Pierre Amoros Alessandra Falchi	Lisandru Capai Shirley Masse
Nord-Pas-de-Calais Centre	Thierry Prazuck	Mathieu Rivière

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