

Chickenpox, Acute diarrhea and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 07/20/2015 to 07/26/2015:

CHICKENPOX

Moderate activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 25 cases per 100,000 inhabitants (95% CI [13 ; 37]).

Seven regional clusters were reported, **high** in Nord-Pas-de-Calais (92 cases per 100,000 inhabitants) and Provence-Alpes-Côte-d'Azur (54) and **moderate** in Corse (31), Poitou-Charentes (24), Midi-Pyrénées (20), Basse-Normandie (20) and Bretagne (20). *

[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 99 cases per 100,000 inhabitants (95% CI [75 ; 123]), **below** the epidemic threshold (176 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 4 cases per 100,000 inhabitants (95% CI [0 ; 8]), **below** the epidemic threshold (77 cases per 100,000 inhabitants) [1]. *

[More information about this surveillance](#)

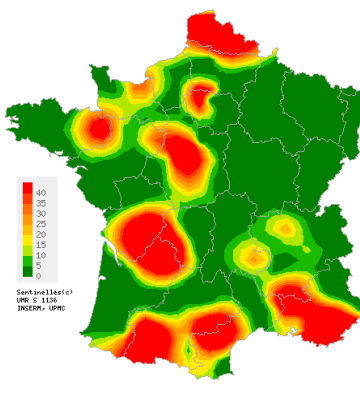
The Sentinelles network team

* 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.

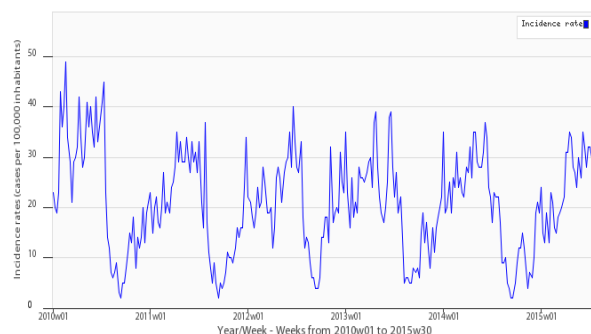
CHICKENPOX

Observations for Chickenpox
Week 2015w30 (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>

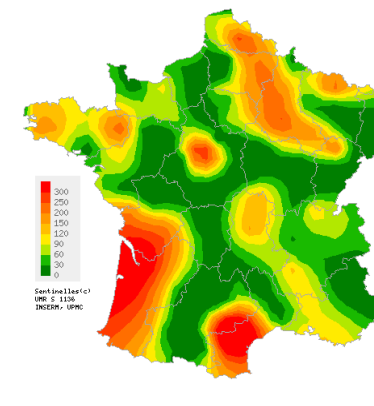
Sentinelles Network, Chickenpox, Metropolitan France



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

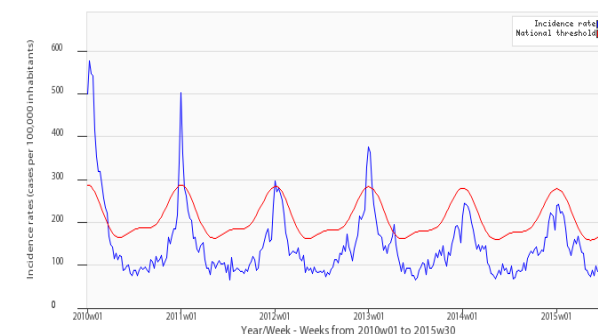
ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2015w30 (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).

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2015w30 (non consolidated)	2015w29	2015w28
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	4 [0 ; 8]	4 [1 ; 7]	3 [0 ; 6]
ACUTE DIARRHEA	99 [75 ; 123]	92 [74 ; 110]	82 [66 ; 98]
CHICKENPOX	25 [13 ; 37]	26 [16 ; 36]	30 [20 ; 40]

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

Regional incidence rates for week 2015w30 (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]	19 [0 ; 59]	0 [0 ; 0]
Aquitaine	0 [0 ; 0]	259 [0 ; 618]	16 [0 ; 47]
Auvergne	0 [0 ; 0]	131 [0 ; 273]	5 [0 ; 15]
Basse-Normandie	0 [0 ; 0]	69 [1 ; 137]	20 [0 ; 59]
Bourgogne	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Bretagne	0 [0 ; 0]	139 [0 ; 291]	20 [0 ; 59]
Centre	8 [0 ; 23]	52 [0 ; 106]	17 [0 ; 47]
Champagne-Ardenne	24 [0 ; 71]	176 [21 ; 331]	0 [0 ; 0]
Corse	60 [0 ; 228]	66 [0 ; 194]	31 [0 ; 126]
Franche-Comté	0 [0 ; 0]	42 [0 ; 184]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Ile-de-France	10 [0 ; 30]	60 [19 ; 101]	16 [0 ; 38]
Languedoc-Roussillon	0 [0 ; 0]	155 [59 ; 251]	16 [0 ; 48]
Limousin	-	-	-
Lorraine	0 [0 ; 0]	106 [0 ; 254]	0 [0 ; 0]
Midi-Pyrénées	0 [0 ; 0]	17 [0 ; 44]	20 [0 ; 50]
Nord-Pas-de-Calais	0 [0 ; 0]	173 [3 ; 343]	92 [0 ; 202]
Pays-de-la-Loire	0 [0 ; 0]	36 [0 ; 93]	6 [0 ; 23]
Picardie	0 [0 ; 0]	67 [0 ; 182]	0 [0 ; 0]
Poitou-Charentes	0 [0 ; 0]	115 [0 ; 298]	24 [0 ; 129]
Provence-Alpes-Côte-d'Azur	0 [0 ; 0]	80 [0 ; 168]	54 [0 ; 127]
Rhône-Alpes	0 [0 ; 3]	57 [20 ; 94]	11 [0 ; 28]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2015w30 .

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Nord-Pas-de-Calais Centre	Thierry Prazuck	Mathieu Rivière

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