

Acute diarrhea, Influenza-like illness and Chickenpox

Results from the electronic surveillance of communicable diseases from 10/13/2014 to 10/19/2014:

ACUTE DIARRHEA

Moderate activity

In metropolitan France, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 159 cases per 100,000 inhabitants (95% CI [133 ; 185]), **below** the epidemic threshold (206 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 42 cases per 100,000 inhabitants (95% CI [28 ; 56]), **below** the epidemic threshold (118 cases per 100,000 inhabitants) [1]. *

[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 14 cases per 100,000 inhabitants (95% CI [8 ; 20]).

Eight regional clusters were reported, **high** in Picardie (80 cases per 100,000 inhabitants) and Midi-Pyrénées (41) and **moderate** in Bourgogne (37), Centre (30), Corse (30), Alsace (25), Haute-Normandie (24) and Bretagne (21). *

[More information about this surveillance](#)

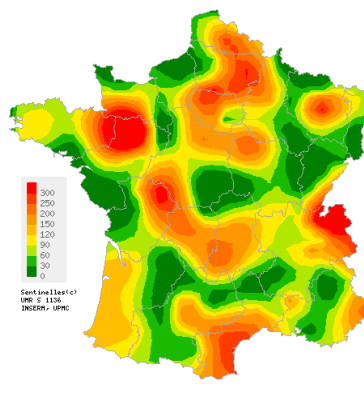
The Sentinelles network team

* 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.

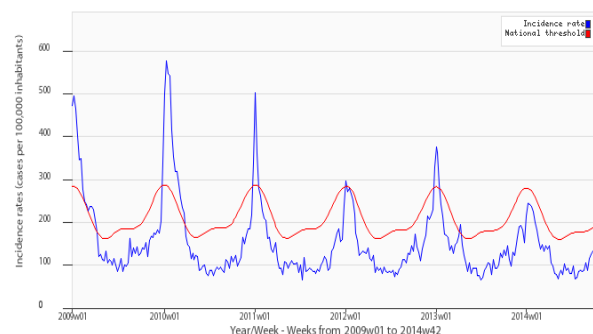
ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2014w42 (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>

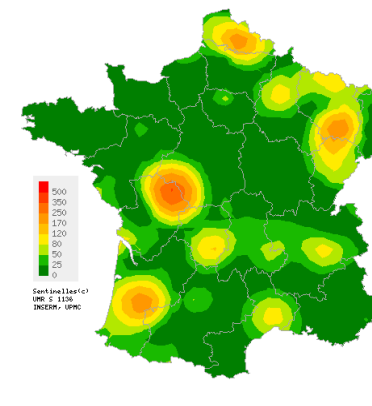
Sentinelles Network, Acute diarrhea, Metropolitan France



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

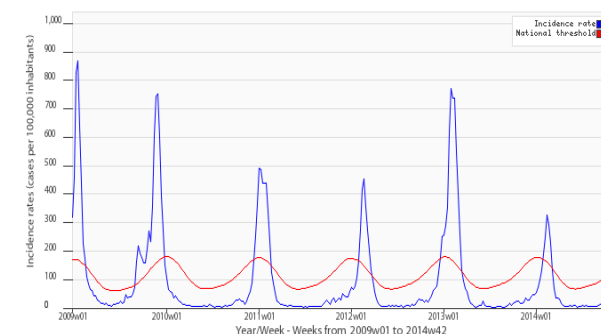
INFLUENZA-LIKE ILLNESS

Observations for Influenza-like illness
Week 2014w42 (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, 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	2014w42 (non consolidated)	2014w41	2014w40
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	42 [28 ; 56]	35 [25 ; 45]	26 [18 ; 34]
ACUTE DIARRHEA	159 [133 ; 185]	137 [119 ; 155]	128 [111 ; 145]
CHICKENPOX	14 [8 ; 20]	12 [7 ; 17]	9 [5 ; 13]

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

Regional incidence rates for week 2014w42 (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]	50 [0 ; 148]	25 [0 ; 95]
Aquitaine	44 [0 ; 91]	101 [2 ; 200]	0 [0 ; 0]
Auvergne	28 [0 ; 111]	137 [0 ; 338]	1 [0 ; 6]
Basse-Normandie	0 [0 ; 0]	53 [0 ; 148]	0 [0 ; 0]
Bourgogne	7 [0 ; 23]	110 [20 ; 200]	37 [1 ; 73]
Bretagne	3 [0 ; 10]	153 [26 ; 280]	21 [0 ; 54]
Centre	10 [0 ; 28]	121 [53 ; 189]	30 [0 ; 69]
Champagne-Ardenne	62 [0 ; 148]	90 [0 ; 190]	0 [0 ; 0]
Corse	52 [0 ; 112]	84 [9 ; 159]	30 [0 ; 75]
Franche-Comté	82 [0 ; 191]	11 [0 ; 31]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	42 [0 ; 95]	24 [0 ; 65]
Ile-de-France	35 [4 ; 66]	197 [98 ; 296]	0 [0 ; 0]
Languedoc-Roussillon	68 [4 ; 132]	169 [65 ; 273]	18 [0 ; 51]
Limousin	58 [0 ; 151]	203 [22 ; 384]	0 [0 ; 0]
Lorraine	108 [0 ; 257]	129 [32 ; 226]	0 [0 ; 0]
Midi-Pyrénées	7 [0 ; 19]	116 [55 ; 177]	41 [10 ; 72]
Nord-Pas-de-Calais	146 [0 ; 338]	182 [0 ; 380]	0 [0 ; 0]
Pays-de-la-Loire	4 [0 ; 14]	118 [10 ; 226]	0 [0 ; 0]
Picardie	0 [0 ; 0]	131 [0 ; 286]	80 [0 ; 194]
Poitou-Charentes	119 [0 ; 242]	115 [0 ; 260]	0 [0 ; 0]
Provence-Alpes-Côte-d'Azur	3 [0 ; 14]	86 [14 ; 158]	0 [0 ; 0]
Rhône-Alpes	42 [13 ; 71]	145 [82 ; 208]	7 [0 ; 22]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2014w42 .

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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 1266 physicians, including 361 involved in the clinical
surveillance activity, 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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