

Results from the electronic surveillance of communicable diseases from 11/17/2014 to 11/23/2014:

### ACUTE DIARRHEA Moderate activity

**In metropolitan France**, last week, the incidence rate of Acute diarrhea seen in general practice was estimated at 178 cases per 100,000 inhabitants (95% CI [152 ; 204]), **below** the epidemic threshold (247 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 31 cases per 100,000 inhabitants (95% CI [20 ; 42]), **below** the epidemic threshold (150 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 9 cases per 100,000 inhabitants (95% CI [3 ; 15]).

**Four regional clusters** were reported, **high** in Nord-Pas-de-Calais (43 cases per 100,000 inhabitants) and Centre (40) and **moderate** in Bourgogne (25) and Corse (21). \*

[More information about this surveillance](#)

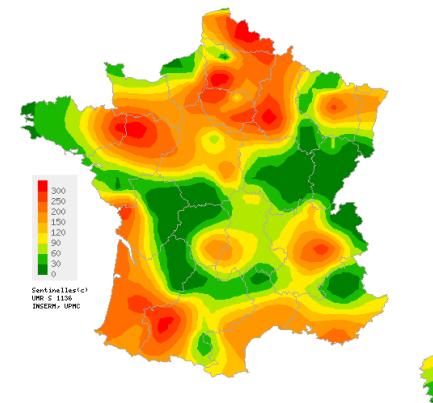
The Sentinelles network team

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

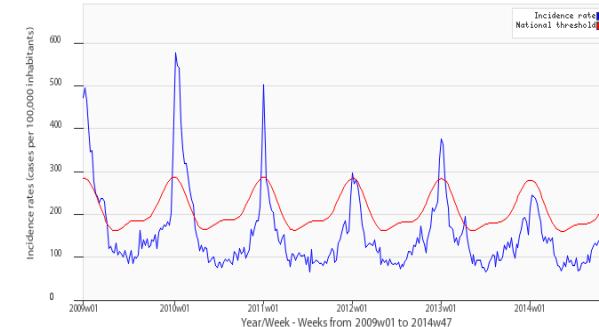
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. Am J Public Health. 1991;81(1):97-9.

### ACUTE DIARRHEA

Observations for Acute diarrhea  
Week 2014w47 (in cases per 100,000 inhabitants)



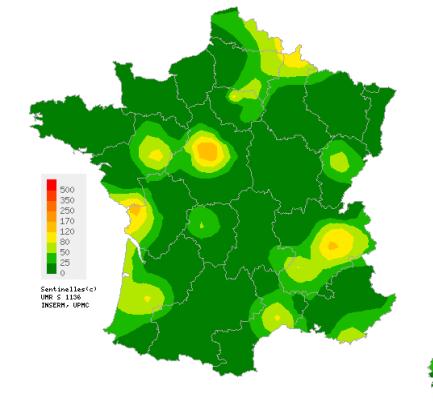
Sentinelles Network, Acute diarrhea, Metropolitan France



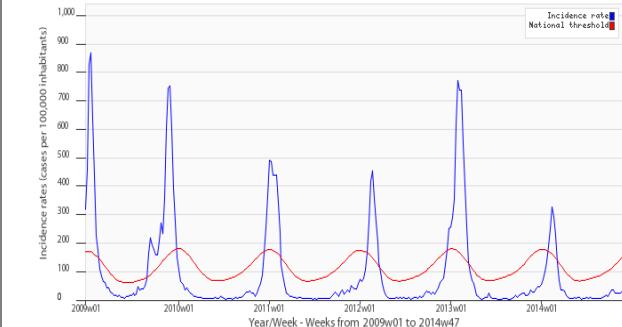
Incidence rate in blue,  
epidemic threshold in red calculated by a periodic regression model [1]  
(in cases per 100,000 inhabitants).

### INFLUENZA-LIKE ILLNESS

Observations for Influenza-like illness  
Week 2014w47 (in cases per 100,000 inhabitants)



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	2014w47 (non consolidated)	2014w46	2014w45
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	31 [20 ; 42]	23 [16 ; 30]	25 [18 ; 32]
ACUTE DIARRHEA	178 [152 ; 204]	133 [116 ; 150]	136 [118 ; 154]
CHICKENPOX	9 [3 ; 15]	4 [1 ; 7]	8 [4 ; 12]

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

Regional incidence rates for week 2014w47 (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]	139 [0 ; 292]	0 [0 ; 0]
Aquitaine	12 [0 ; 39]	133 [29 ; 237]	0 [0 ; 0]
Auvergne	8 [0 ; 23]	96 [0 ; 235]	0 [0 ; 0]
Basse-Normandie	0 [0 ; 0]	101 [0 ; 202]	0 [0 ; 0]
Bourgogne	0 [0 ; 0]	23 [0 ; 53]	25 [0 ; 56]
Bretagne	5 [0 ; 13]	143 [44 ; 242]	2 [0 ; 7]
Centre	35 [0 ; 75]	140 [73 ; 207]	40 [3 ; 77]
Champagne-Ardenne	23 [0 ; 68]	222 [45 ; 399]	0 [0 ; 0]
Corse	32 [0 ; 65]	111 [50 ; 172]	21 [0 ; 47]
Franche-Comté	43 [0 ; 128]	13 [0 ; 34]	0 [0 ; 0]
Haute-Normandie	0 [0 ; 0]	113 [0 ; 345]	0 [0 ; 0]
Ile-de-France	49 [15 ; 83]	190 [126 ; 254]	0 [0 ; 0]
Languedoc-Roussillon	39 [0 ; 86]	177 [83 ; 271]	8 [0 ; 24]
Limousin	33 [0 ; 98]	75 [0 ; 189]	0 [0 ; 0]
Lorraine	0 [0 ; 0]	113 [21 ; 205]	0 [0 ; 0]
Midi-Pyrénées	7 [0 ; 24]	107 [19 ; 195]	0 [0 ; 0]
Nord-Pas-de-Calais	56 [0 ; 116]	329 [176 ; 482]	43 [0 ; 109]
Pays-de-la-Loire	28 [0 ; 76]	140 [46 ; 234]	0 [0 ; 0]
Picardie	18 [0 ; 78]	246 [37 ; 455]	0 [0 ; 0]
Poitou-Charentes	54 [0 ; 173]	108 [0 ; 276]	0 [0 ; 0]
Provence-Alpes-Côte-d'Azur	22 [0 ; 52]	150 [54 ; 246]	19 [0 ; 60]
Rhône-Alpes	43 [16 ; 70]	150 [94 ; 206]	5 [0 ; 13]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2014w47 .

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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 1271 physicians, including 380 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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