Inserm
Institut national
de la santé et de la recherche médicale

UPMC
SORBONNE UNIVERSITÉS

Sentinelles

Santé publique France

Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE
MINISTÈRE
DES AFFAIRES SOCIALES,
DE LA SANTÉ
ET DES DROITS DES FEMMES

Sentinelles network report from 07/19/2017, n° 2017w28 (data from 07/10/2017 to 07/16/2017)

CHICKENPOX

Moderate activity

In metropolitan France, last week (2017w28), the incidence rate of Chickenpox seen in general practice was estimated at 20 cases per 100,000 inhabitants (95% CI [11 ; 29]).

Six moderate regional clusters were reported in Nouvelle-Aquitaine (29, 95% CI [0 ; 60]), Occitanie (28, 95% CI [0 ; 60]), Hauts-de-France (22, 95% CI [0 ; 48]), Bretagne (21, 95% CI [0 ; 63]), Bourgogne-Franche-Comté (21, 95% CI [0 ; 45]) and Pays de la Loire (20, 95% CI [0 ; 50]). *

More information about this surveillance

ACUTE DIARRHEA

Low activity

In metropolitan France, last week (2017w28), the incidence rate of Acute diarrhea seen in general practice was estimated at 65 cases per 100,000 inhabitants (95% CI [50 ; 80]), **below** the epidemic threshold (105 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Provence-Alpes-Côte d'Azur (128 cases per 100,000 inhabitants, 95% CI [0 ; 317]), Bretagne (126, 95% CI [29 ; 223]) and Grand Est (85, 95% CI [20 ; 150]). *

More information about this surveillance

INFLUENZA-LIKE ILLNESS

Low activity

In metropolitan France, last week (2017w28), the incidence rate of Influenza-like illness seen in general practice was estimated at 11 cases per 100,000 inhabitants (95% CI [5 ; 17]), **below** the epidemic threshold (73 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Bretagne (152 cases per 100,000 inhabitants, 95% CI [41 ; 263]), Grand Est (12, 95% CI [0 ; 26]) and Bourgogne-Franche-Comté (8, 95% CI [0 ; 24]). *

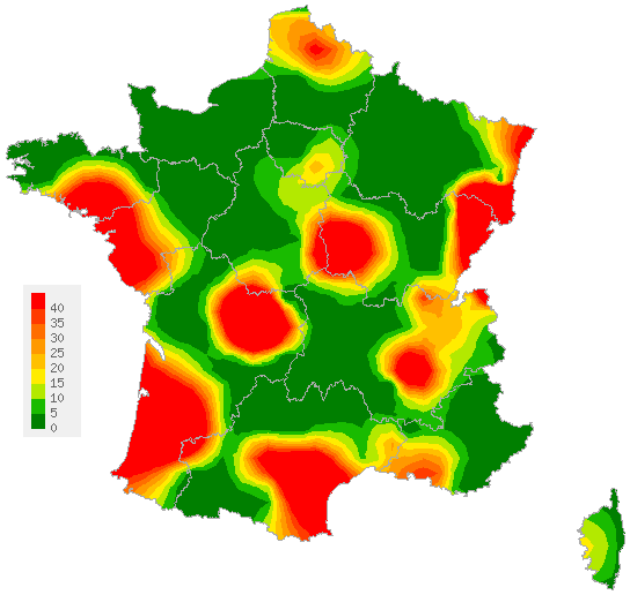
More information about this surveillance

Information about the statistical methods

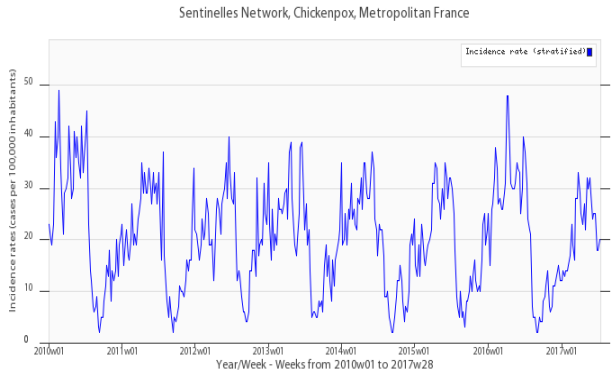
** The regional data are presented at the end of this report.*

[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

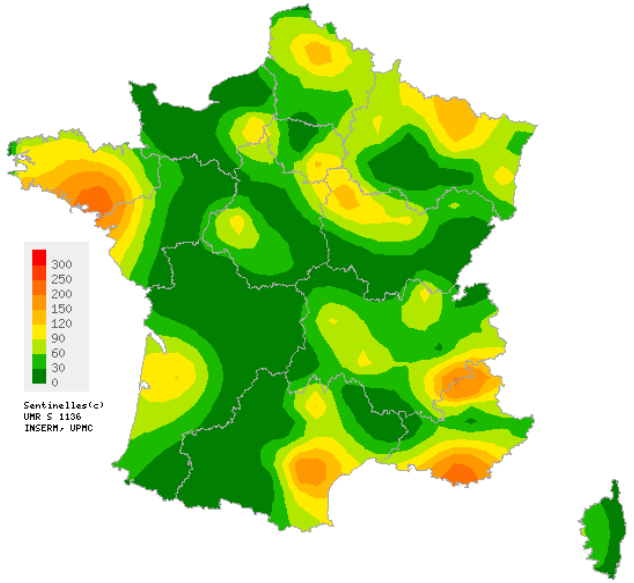


Map of spatial data interpolation based on incidence rates at the «departement» (NUTS 3) level, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners, 2017w28
Maps available at http://www.sentiweb.fr

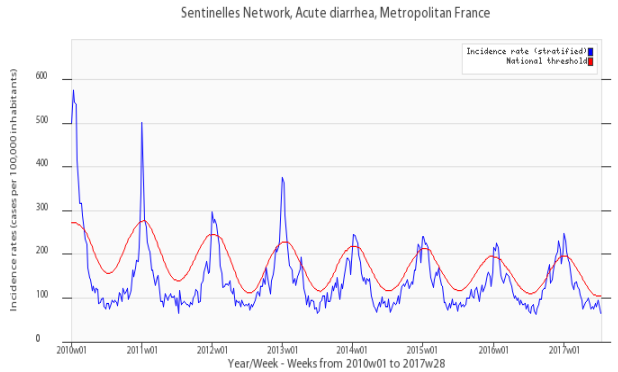


Incidence rate in blue,
(per 100 000 inhabitants), Chickenpox , Sentinelles general practitioners

ACUTE DIARRHEA



Map of spatial data interpolation based on incidence rates at the «departement» (NUTS 3) level, (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners, 2017w28
Maps available at http://www.sentiweb.fr



Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model [1]
(per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2017w28 (non consolidated)	2017w27	2017w26
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	11 [5 ; 17]	6 [2 ; 10]	5 [2 ; 8]
ACUTE DIARRHEA	65 [50 ; 80]	85 [62 ; 108]	95 [80 ; 110]
CHICKENPOX	20 [11 ; 29]	18 [12 ; 24]	18 [13 ; 23]

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

Regional incidence rates for week 2017w28 (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]
Auvergne-Rhône-Alpes	0 [0 ; 0]	53 [15 ; 91]	17 [0 ; 34]
Bourgogne-Franche-Comté	8 [0 ; 24]	45 [2 ; 88]	21 [0 ; 45]
Bretagne	152 [41 ; 263]	126 [29 ; 223]	21 [0 ; 63]
Centre-Val de Loire	5 [0 ; 15]	51 [12 ; 90]	6 [0 ; 18]
Corse	0 [0 ; 0]	35 [0 ; 75]	9 [0 ; 29]
Grand Est	12 [0 ; 26]	85 [20 ; 150]	8 [0 ; 24]
Hauts-de-France	0 [0 ; 0]	80 [31 ; 129]	22 [0 ; 48]
Ile-de-France	3 [0 ; 8]	20 [4 ; 36]	3 [0 ; 9]
Normandie	0 [0 ; 0]	26 [0 ; 57]	0 [0 ; 0]
Nouvelle-Aquitaine	0 [0 ; 3]	37 [0 ; 77]	29 [0 ; 60]
Occitanie	0 [0 ; 0]	48 [8 ; 88]	28 [0 ; 60]
Pays de la Loire	0 [0 ; 0]	29 [0 ; 65]	20 [0 ; 50]
Provence-Alpes-Côte d'Azur	0 [0 ; 0]	128 [0 ; 317]	18 [0 ; 47]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2017w28.

Réseau Sentinelles
Inserm-UPMC UMR-S 1136

Institut Pierre Louis d'Epidémiologie et de Santé Publique (IPLESP)
Faculté de Médecine Pierre et Marie Curie, site Saint-Antoine
27, rue Chaligny / 75571 Paris cedex 12
Phone. : 01 44 73 84 35 / Fax : 01 44 73 84 54
Email : sentinelles@upmc.fr

The " Réseau Sentinelles" or Sentinelles Network
(a.k.a. French Communicable Diseases Computer Network)
*is a network of **1,413** physicians working throughout the metropolitan regions of France including **555** involved in the clinical surveillance activity*
*(**445** general practitioners and **115** pediatricians)*
enabling the achievement of weekly newsletters.
This network is developped in cooperation between Inserm, Université Pierre et Marie Curie (UPMC) and the Agence Santé publique France.

Regional branch	Head of network	Regional manager
Auvergne-Rhône-Alpes / Bourgogne-Franche-Comté	Marianne Sarazin	Caroline Liotard
Centre Val de Loire / Hauts-de-France	Thierry Prazuck	Thomas Goronflot Mathieu Rivière
Ile-de-France	Mathilde François	-
Méditerranée : Corse / Occitanie / Provence-Alpes-Côte d'Azur	Jean-Pierre Amoros Alessandra Falchi	Priscillia Bompard Lisandru Capai Shirley Masse

Need information ?

You can visit our website :

http://www.sentiweb.fr

These information are also available by using our RSS feed:
http://www.sentiweb.fr/rss/fr/en

You can also contact us using the above contact information.

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