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Sentinelles

InVS
INSTITUT
DE VEILLE SANITAIRE

Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

MINISTÈRE
DES AFFAIRES SOCIALES
ET DE LA SANTÉ

Sentinelles network report from 04/16/2014, n° 2014w15 (data from 04/07/2014 to 04/13/2014)

Chickenpox, Acute diarrhea and Influenza-like illness

Results from the electronic surveillance of communicable diseases from 04/07/2014 to 04/13/2014:

CHICKENPOX
Moderate activity

In metropolitan France, last week, the incidence rate of Chickenpox seen in general practice was estimated at 43 cases per 100,000 inhabitants (95% CI [28 ; 58]).

Ten regional clusters were reported, **high** in Nord-Pas-de-Calais (130 cases per 100,000 inhabitants), Rhône-Alpes (83), Champagne-Ardenne (70), Centre (64), Provence-Alpes-Côte-d'Azur (47) and Languedoc-Roussillon (42) and **moderate** in Picardie (34), Ile-de-France (32), Poitou-Charentes (25) and Midi-Pyrénées (25). *

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 119 cases per 100,000 inhabitants [1] (95% CI [95 ; 143]), **below** the epidemic threshold (174 cases per 100,000 inhabitants). *

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 21 cases per 100,000 inhabitants [1] (95% CI [11 ; 31]), **below** the epidemic threshold (96 cases per 100,000 inhabitants). *

More information about this surveillance

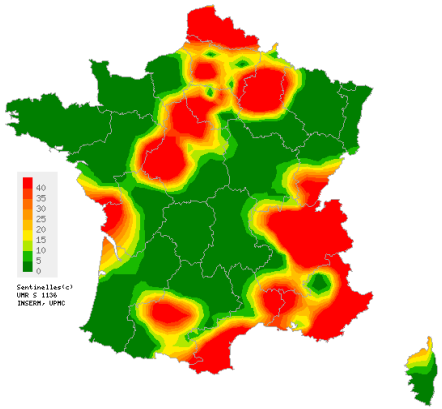
The Sentinelles network team

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

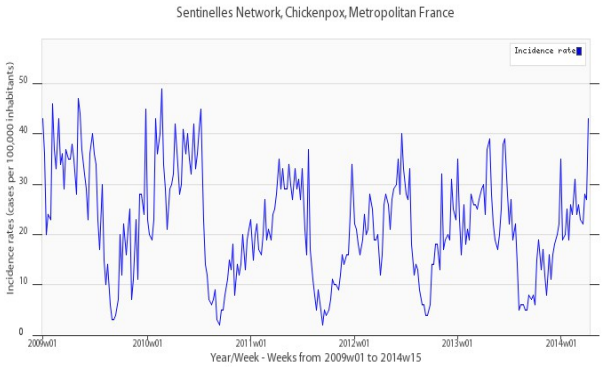
[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. Am J Public Health. 1991;81(1):97-9.

CHICKENPOX

Observations for Chickenpox
Week 2014w15 (in cases per 100,000 inhabitants)



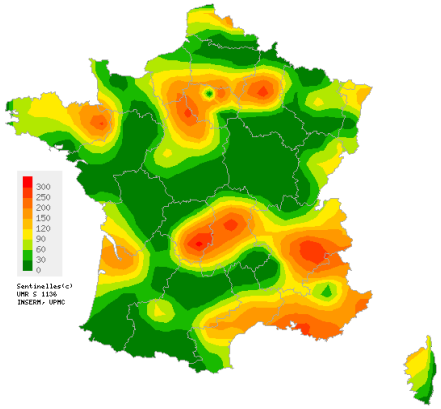
Map of spatial data interpolation based on incidence rates
at the « departement » (NUTS 3) level.
Maps available at http://www.sentiweb.fr



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

ACUTE DIARRHEA

Observations for Acute diarrhea
Week 2014w15 (in cases per 100,000 inhabitants)



Map of spatial data interpolation based on incidence rates
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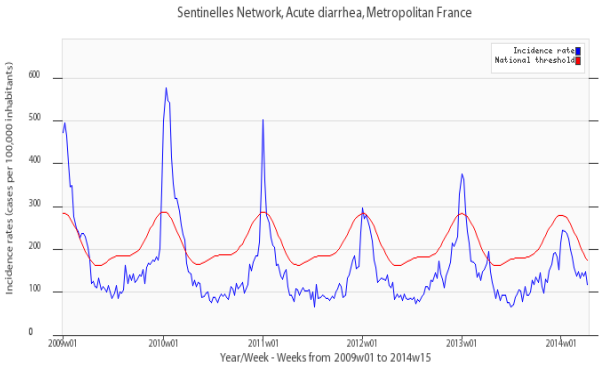

Incidence rate in blue,
epidemic threshold in red calculated by a periodic regression model [1].
(in cases per 100,000 inhabitants).

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2014w15 (non consolidated)	2014w14	2014w13
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	21 [11 ; 31]	31 [22 ; 40]	34 [24 ; 44]
ACUTE DIARRHEA	119 [95 ; 143]	147 [127 ; 167]	139 [120 ; 158]
CHICKENPOX	43 [28 ; 58]	27 [19 ; 35]	28 [19 ; 37]

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

Regional incidence rates for week 2014w15 (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]	81 [0 ; 163]	0 [0 ; 0]
Aquitaine	20 [0 ; 75]	92 [4 ; 180]	4 [0 ; 23]
Auvergne	5 [0 ; 19]	155 [0 ; 453]	0 [0 ; 0]
Basse-Normandie	4 [0 ; 17]	38 [0 ; 159]	0 [0 ; 0]
Bourgogne	0 [0 ; 0]	0 [0 ; 0]	0 [0 ; 0]
Bretagne	37 [0 ; 76]	134 [51 ; 217]	1 [0 ; 8]
Centre	42 [0 ; 87]	128 [62 ; 194]	64 [16 ; 112]
Champagne-Ardenne	0 [0 ; 0]	140 [0 ; 334]	70 [0 ; 207]
Corse	153 [58 ; 248]	119 [40 ; 198]	17 [0 ; 50]
Franche-Comté	12 [0 ; 68]	56 [0 ; 152]	12 [0 ; 49]
Haute-Normandie	0 [0 ; 0]	123 [0 ; 246]	0 [0 ; 0]
Ile-de-France	23 [0 ; 52]	117 [50 ; 184]	32 [0 ; 64]
Languedoc-Roussillon	34 [0 ; 85]	140 [45 ; 235]	42 [0 ; 95]
Limousin	0 [0 ; 0]	127 [0 ; 276]	0 [0 ; 0]
Lorraine	0 [0 ; 0]	40 [0 ; 111]	0 [0 ; 0]
Midi-Pyrénées	0 [0 ; 0]	23 [0 ; 53]	25 [0 ; 58]
Nord-Pas-de-Calais	93 [0 ; 189]	117 [23 ; 211]	130 [16 ; 244]
Pays-de-la-Loire	0 [0 ; 0]	14 [0 ; 42]	0 [0 ; 0]
Picardie	0 [0 ; 0]	41 [0 ; 97]	34 [0 ; 85]
Poitou-Charentes	68 [0 ; 243]	25 [0 ; 105]	25 [0 ; 105]
Provence-Alpes-Côte-d'Azur	7 [0 ; 22]	223 [80 ; 366]	47 [0 ; 101]
Rhône-Alpes	3 [0 ; 8]	124 [59 ; 189]	83 [24 ; 142]

Table 2 : Incidence rates estimation with 95% confidence interval, for each indicator, for each French regions, for week 2014w15 .

Réseau Sentinelles
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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 **1292** physicians, including **315** 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).

Regional branch	Head of network	Regional manager
Méditerranée	Jean-Pierre Amoros	Laetitia Minodier Alessandra Falchi
Auvergne Rhône-Alpes	Marianne Sarazin	Solange Gonzalez-Chiappe
Centre	Thierry Prazuck	Mathieu Rivière

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