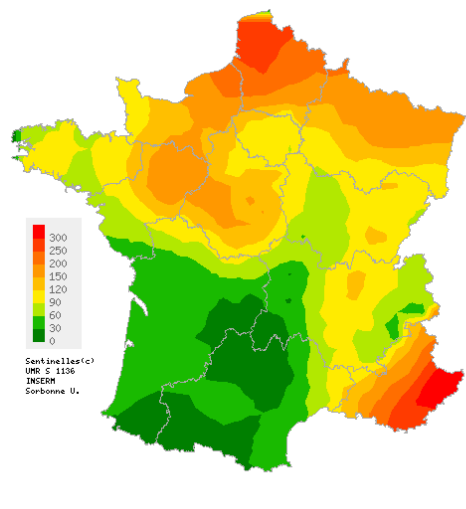


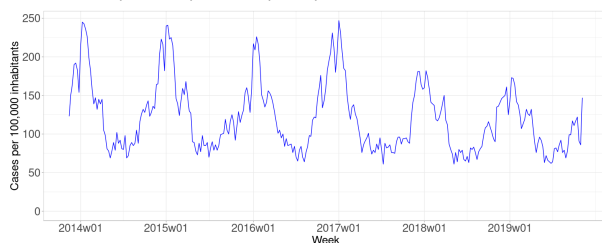
Weekly report on 11/13/2019, 2019w45 (from 11/04/2019 to 11/10/2019)

Acute diarrhea

Moderate to high activity in general practice



Spatial interpolation map of departmental incidence rates



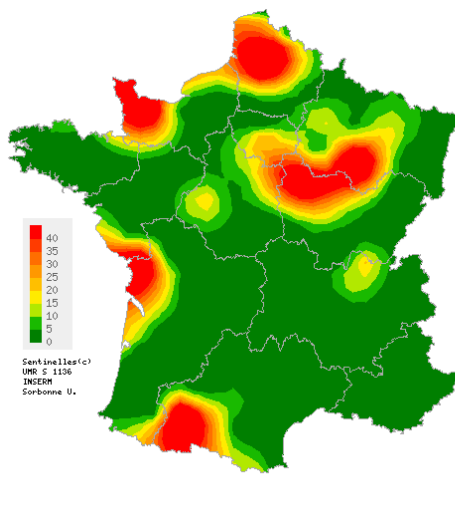
Incidence rates by week

In metropolitan France, last week (2019w45), the incidence rate of acute diarrhea seen in general practice was estimated at 147 cases per 100,000 inhabitants (95% CI [127 ; 167]).

At the regional level, the highest incidence rates were noted in : Provence-Alpes-Côte d'Azur (315 [165 ; 465]), Hauts-de-France (266 [178 ; 354]) and Grand Est (179 [112 ; 246]).

Chickenpox

Low activity in general practice



Spatial interpolation map of departmental incidence rates



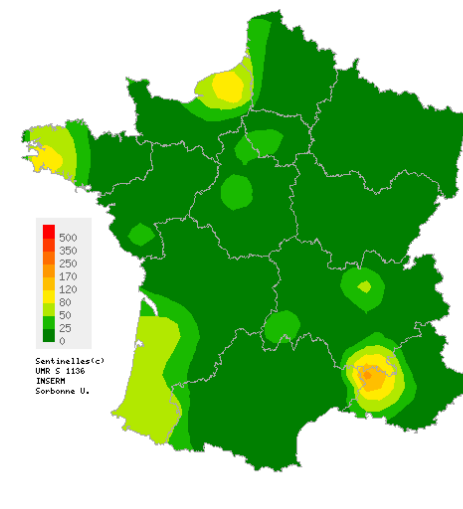
Incidence rates by week

In metropolitan France, last week (2019w45), the incidence rate of Chickenpox seen in general practice was estimated at 8 cases per 100,000 inhabitants (95% CI [4 ; 12]).

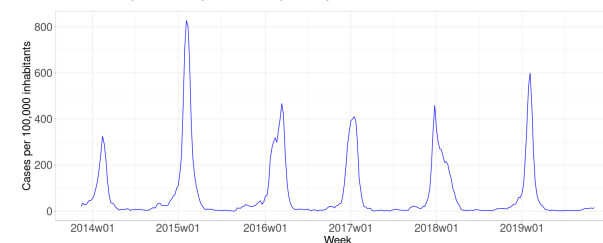
At the regional level, the highest incidence rates were observed in Hauts-de-France (24 [0 ; 54]), Normandie (12 [0 ; 34]) and Bourgogne-Franche-Comté (11 [0 ; 29]).

Influenza-like illness

Low activity in general practice



Spatial interpolation map of departmental incidence rates



Incidence rates by week

In metropolitan France, last week (2019w45), the incidence rate of influenza-like illness seen in general practice was estimated at 15 cases per 100,000 inhabitants (95% CI [9 ; 21]).

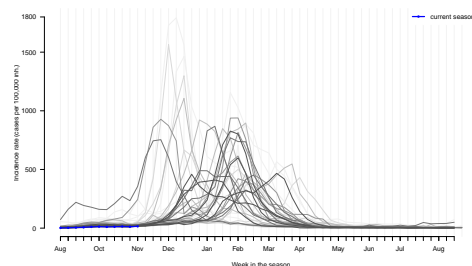
At the regional level, the highest incidence rates were reported in : Normandie (53 [0 ; 255]), Provence-Alpes-Côte d'Azur (43 [0 ; 130]), Bretagne (30 [0 ; 60]) and Nouvelle-Aquitaine (30 [0 ; 67]).

Weekly report on 11/13/2019, 2019w45 (from 11/04/2019 to 11/10/2019)

Influenza-like illness

Comparison to historical data

Low activity, comparable to previous seasons

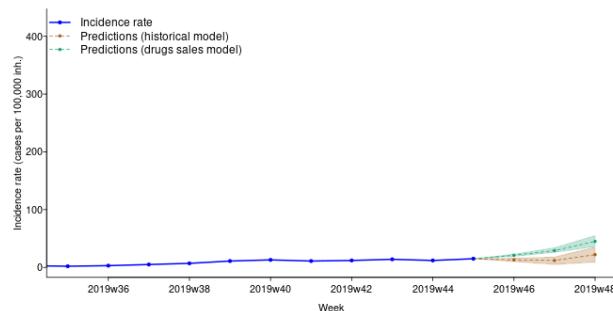


Incidence rate of influenza-like illness since 1984 (per 100,000 inhabitants),
Sentinelles general practitioners

The current low activity of influenza-like illness is comparable to that of the past seasons at the same time period.

Forecasting

Evolution of Influenza-like illness

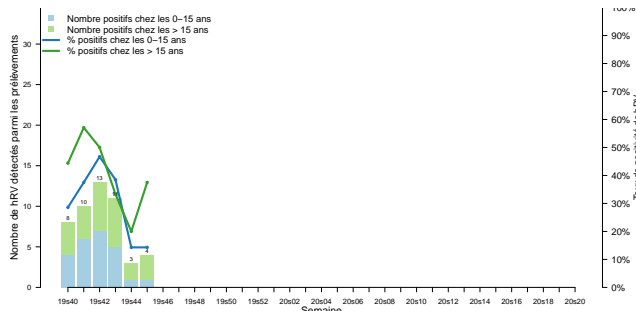


Influenza-like illness forecasting in the upcoming weeks

According to the forecast model based on historical data, and on medication deliveries (IQVIA research partnership), **the ILI activity will remain stable in the upcoming weeks.**

Circulation of respiratory viruses

Low circulation of influenza viruses, rhinovirus circulation



Positive samples and positive rate for rhinovirus from influenza-like illness cases swabbed by the Sentinelles network practitioners (general practitioners and pediatricians) since week 2019s40

Among the cases of influenza-like illness observed by the Sentinelles practitioners **since week 2019s40, date of start of the virological monitoring, 136 nasopharyngeal samples** were randomly collected.

Among them, **3 (2.2%) were positive for an influenza virus : two virus of type A (H1N1)pdm09 and one virus of type B (lineage Victoria).**

Among samples tested for other respiratory virus, 49 (36 %) were positive for the rhinovirus (hRV) ; 3 (2.2%) for the respiratory syncytial virus (RSV), and 5 (3.7%) for the metapneumovirus (hMPV).

In week 2019w45, the rhinovirus was mostly circulating.

General conclusion

Influenza surveillance is carried out at different levels (general population, primary care, hospitals, deaths) by different actors, in order to have a global vision on the influenza situation in mainland France. All available data on winter respiratory infections are jointly analysed by Public Health France, the National Reference Centre for Respiratory Viruses (including influenza) and the Sentinel Network.

In the light of all this information, the conclusions for last week (2019w45) are : baseline level of all indicators.

More information on [Bulletin grippe Santé publique France](#)

Weekly report on 11/13/2019, 2019w45 (from 11/04/2019 to 11/10/2019)

National incidence rates over the last 3 weeks (per 100,000 inhabitants)	2019w45 (unconsolidated) Incidence rate estimations [95% confidence interval]	2019w44 Incidence rate estimations [95% confidence interval]	2019w43 Incidence rate estimations [95% confidence interval]
Influenza-like Illness	15 [9 ; 21]	12 [8 ; 16]	14 [9 ; 19]
Acute diarrhea	147 [127 ; 167]	86 [75 ; 97]	91 [80 ; 102]
Chickenpox	8 [4 ; 12]	9 [6 ; 12]	7 [4 ; 10]

Regional incidence rates for the week 2019w45 (per 100,000 inhabitants)	Influenza-like Illness Incidence rate estimations [95% confidence interval]	Acute diarrhea Incidence rate estimations [95% confidence interval]	Chickenpox Incidence rate estimations [95% confidence interval]
Auvergne-Rhône-Alpes	20 [0 ; 40]	110 [67 ; 153]	5 [0 ; 15]
Bourgogne-Franche-Comté	2 [0 ; 8]	73 [30 ; 116]	11 [0 ; 29]
Bretagne	30 [0 ; 60]	98 [45 ; 151]	0 [0 ; 0]
Centre-Val de Loire	18 [2 ; 34]	156 [93 ; 219]	10 [0 ; 24]
Corse	19 [0 ; 68]	60 [3 ; 117]	0 [0 ; 0]
Grand Est	0 [0 ; 0]	179 [112 ; 246]	9 [0 ; 20]
Hauts-de-France	1 [0 ; 7]	266 [178 ; 354]	24 [0 ; 54]
Ile-de-France	11 [0 ; 22]	107 [62 ; 152]	7 [0 ; 15]
Normandie	53 [0 ; 255]	171 [0 ; 461]	12 [0 ; 34]
Nouvelle-Aquitaine	30 [0 ; 67]	55 [5 ; 105]	9 [0 ; 26]
Occitanie	4 [0 ; 12]	61 [26 ; 96]	7 [0 ; 17]
Pays de la Loire	10 [0 ; 26]	140 [0 ; 286]	0 [0 ; 0]
Provence-Alpes-Côte d'Azur	43 [0 ; 130]	315 [165 ; 465]	0 [0 ; 0]

French Sentinel network

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Since 1984, the "réseau Sentinelles" or Sentinelles network has been a research and health monitoring network in primary care (general medicine and paediatrics) in metropolitan France. The participation of physicians is voluntary. Currently, 585 physicians participate in the continuous surveillance activity (515 general practitioners and 70 paediatricians), allowing the production of weekly epidemiological reports.

Heads of Sentinel Network : Thomas Hanslik, Thierry Blanchon

Publication : Yves Dorléans

Information systems & biostatistics : Corentin Hervé, Titouan Launay, Cécile Souty, Clément Turbelin, Ana Vilcu

Monitoring manager : Louise Rossignol, Caroline Guerrisi

Regional branch	Heads & Epidemiologists/Animators
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Centre-Val de Loire, Pays de la Loire, Bretagne	Thierry Prazuck Charly Kengne-Kuetche, Romain Pons
Corse, PACA	Alessandra Falchi Shirley Masse, Natacha Villechenaud
Grand Est	Daouda Niaré
Ile-de-France, Hauts-de-France	Mathilde François Camille Bonnet, Jennifer Morice
Normandie	Laetitia Vaillant
Nouvelle-Aquitaine, Occitanie	Marion Debin

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