

Paris 2024 Olympic and Paralympic Games

Health surveillance weekly report

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NATIONAL EDITION

Week 33 (12 to 18 August 2024)

Key points

The closing ceremony of the Olympic Games was held on 11 August 2024. In anticipation of the start of the Paralympic Games on 28 August, Santé publique France is maintaining a high level surveillance.

Syndromic surveillance

Activity was stable in hospital emergency departments in week 33 but up in general practice (SOS Médecins network), in all age groups. This increase is usual at this time of year.

In both networks, there was an increase in consultations for digestive symptoms, including gastroenteritis, in all age groups.

After falling in week 32, pertussis is on the rise this week in both networks, in adults and children.

Wastewater surveillance

In week 33, the downward trend in the level of circulation of SARS-CoV-2 in the wastewater continued throughout France.

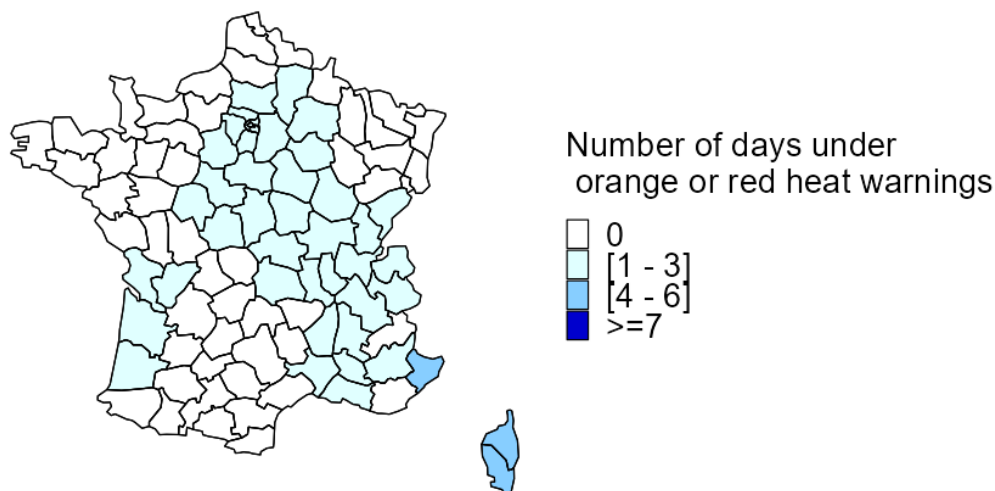
Heat Warning System (SACS)

The aim of the Heat Warning System (SACS) is to identify periods of high temperatures that may have a major impact on public health, so that preventive and management measures can be put in place quickly. In the event of an orange warning (heatwave) or red warning (extreme heatwave), health surveillance is adapted in order to provide a coordinated response.

Departments with orange or red heatwave warnings

The orange heatwave warning began on 6 August and ended on 15 August. An analysis of the dates from 6 to 12 August has already been published. Since 12 August, 45 departments were affected by the orange heatwave warning in 10 regions (Auvergne-Rhône-Alpes, Bourgogne-Franche-Comté, Centre-Val de Loire, Corse, Grand Est, Hauts-de-France, Île-de-France, Nouvelle-Aquitaine, Occitanie, Provence-Alpes-Côte d'Azur) (figure below).

Duration of orange warning between 12 and 15 August



Sources: GeoFLA, Météo France, 2024

Due to the transition period between the Olympic and Paralympic Games, no Olympic Games events took place in the regions affected by an orange heatwave warning between 12 and 15 August.

Syndromic surveillance (SurSaUD®)

The SurSaUD® system monitors activity in French emergency departments and in the SOS Médecins network of general practitioners, as well as all-cause mortality and mortality by cause. Syndromic health surveillance is based on non-specific data collected by the networks in relation to their activity.

By monitoring activity in emergency departments (OSCOUR® surveillance network) and in general practice consultations (SOS Médecins network) on a daily basis, the type of symptoms (all causes combined) affecting the population can be identified at departmental level.

Evolution of activity in emergency departments (OSCOUR® network) and in general practice (SOS Médecins network)

Activity was stable in hospital emergency departments in week 33 (from 12 to 18 August 2024) but up in general practice (SOS Médecins network), in all age groups. This increase is usual at this time of year as a direct result of the bank holiday on 15 August.

Among the changes observed in syndromic indicators over the past week, we note an increase in consultations for digestive symptoms in both networks: gastroenteritis in all age groups and food poisoning in the under 65 age group. In the OSCOUR network alone, there was also an increase in consultations for vomiting in the under 15 age group

In both networks, an increase in consultations for asthma in the under 15 age group was also noted, as well as an increase in consultations for conjunctivitis, with values comparable to those observed over the last 2 years. There has been a rise in the number of emergency department visits for stress among the under 15 age group. After a week of decline, pertussis is on the rise again among children and adults in the both networks.

There has also been an increase in the number of consultations for dermatological symptoms (skin and subcutaneous infections) in emergency departments, with higher consultations than in the

previous 2 years in the over 65 age group for OSCOUR network; also noted in the 15-64 age group in the SOS Médecins network.

In week 33, 258 emergency department visits and 7 SOS Médecins consultations were directly associated with the Olympic Games; 79.1% of emergency department visits and 85.7% of SOS Médecins consultations concerning the Nouvelle-Aquitaine region. In this region, for consultations associated with the Dax Feria in week 33, the diagnostic code for the Olympic and Paralympic Games was also used. These consultations were down compared to the past week in both networks.

Syndromic group	Source*	Consultations			Proportion of activity		
		Number W33	Number W32	Variation W32 (%)	Proportion (%)	Variation W32 (%)	Trend**
Dyspnea, acute respiratory failure	OSCOUR	3 385	3 304	+2.5	1.01	+1.7	▬
	SOS	63	53	+18.9	0.08	+8.2	▬
Asthma	OSCOUR	1 803	1 656	+8.9	0.54	+8.1	↗
	SOS	602	529	+13.8	0.76	+3.6	↗
Cough	OSCOUR	2 187	2 166	+1.0	0.65	+0.2	▬
	SOS	7 131	6 499	+9.7	9.00	-0.1	▬
Acute lower respiratory tract infection	OSCOUR	6 867	6 860	+0.1	2.05	-0.6	▬
	SOS	5 514	4 962	+11.1	6.96	+1.2	▬
Influenza, Influenza-like illness	OSCOUR	328	316	+3.8	0.10	+3.0	▬
	SOS	1 134	1 116	+1.6	1.43	-7.5	↘
Pertussis	OSCOUR	351	321	+9.3	0.10	+8.5	↗
	SOS	500	411	+21.7	0.63	+10.7	↗
Measles	OSCOUR	1	9	-88.9	0.00	-89.0	↘
	SOS	3	0	+Inf	0.00	+Inf	▬
Gastroenteritis	OSCOUR	4 779	4 321	+10.6	1.42	+9.8	↗
	SOS	4 134	3 651	+13.2	5.22	+3.1	↗
Vomiting	OSCOUR	2 785	2 600	+7.1	0.83	+6.3	↗
	SOS	469	469	+0.0	0.59	-9.0	↘
Food poisoning	OSCOUR	160	108	+48.1	0.05	+47.1	↗
	SOS	277	241	+14.9	0.35	+4.6	↗
Headache, migraine and other neurological symptoms	OSCOUR	8 401	8 684	-3.3	2.50	-4.0	▬
Headache, migraine	SOS	690	732	-5.7	0.87	-14.2	↘
Dizziness	SOS	544	568	-4.2	0.69	-12.8	↘
Meningitis	OSCOUR	78	78	+0.0	0.02	-0.7	▬
	SOS	9	13	-30.8	0.01	-37.0	↘
Myocardial ischemia	OSCOUR	949	893	+6.3	0.28	+5.5	▬
	SOS	29	21	+38.1	0.04	+25.7	▬
Chest pain	OSCOUR	10 103	9 992	+1.1	3.01	+0.4	▬
	SOS	646	596	+8.4	0.82	-1.3	▬
Drowning	OSCOUR	55	116	-52.6	0.02	-52.9	↘
Injury	OSCOUR	89 409	90 502	-1.2	26.63	-1.9	▬
	SOS	3 577	3 460	+3.4	4.52	-5.9	↘
Fainting	OSCOUR	11 872	12 073	-1.7	3.54	-2.4	▬
	SOS	203	227	-10.6	0.26	-18.6	↘
Acute fever	OSCOUR	4 694	4 793	-2.1	1.40	-2.8	▬
	SOS	1 007	1 053	-4.4	1.27	-12.9	↘
Burn	OSCOUR	1 647	1 566	+5.2	0.49	+4.4	▬
	SOS	167	195	-14.4	0.21	-22.0	↘
Fever and rash	OSCOUR	267	280	-4.6	0.08	-5.3	↘
Dermatological symptoms	OSCOUR	1 568	1 355	+15.7	0.47	+14.9	↗
	SOS	1 327	1 235	+7.4	1.68	-2.2	▬

Syndromic group	Source*	Consultations			Proportion of activity		
		Number W33	Number W32	Variation W32 (%)	Proportion (%)	Variation W32 (%)	Trend**
Conjunctivitis	OSCOUR	1 326	1 163	+14.0	0.39	+13.2	↗
	SOS	1 069	945	+13.1	1.35	+3.0	↗
Hyperthermia and heat stroke	OSCOUR	240	241	-0.4	0.07	-1.2	▬
	SOS	174	136	+27.9	0.22	+16.5	▬
Acute alcohol poisoning	OSCOUR	2 613	2 726	-4.1	0.78	-4.9	▬
	SOS	52	54	-3.7	0.07	-12.3	↘
Acute intoxication due to drugs or other substances (excluding alcohol)	OSCOUR	310	345	-10.1	0.09	-10.8	↘
Stress, anxiety	OSCOUR	548	500	+9.6	0.16	+8.8	↗
	SOS	1 284	1 180	+8.8	1.62	-0.9	▬

*OSCOUR: emergency department visits in the network of participating hospitals. SOS: urgent consultations with a general practitioner in the SOS Médecins network.

**Based on epidemiological interpretation taking into account fluctuations in indicators in recent weeks.

▬ Usual fluctuation; ↗ Increase; ↘ Decrease.

Evolution in the number of emergency department visits and SOS Médecins consultations directly associated with the Paris 2024 Olympic and Paralympic Games (OPG-labelled consultations)

OPG-labelled consultations	Number in W33 (W-1)	Number in W32 (W-2)	Change W32 vs. W33 (%)	Trend*
OSCOUR	258*	275	(-6.2%)	↘
SOS	7*	11	(-36.4%)	↘

* of which 79.1% of emergency department visits and 85.7% of SOS Médecins consultations concerned the Nouvelle-Aquitaine region, where the Dax FERIA was held.

Mortality surveillance

Mortality data is based on civil registration data from the French National Institute for Statistics and Economic Studies (INSEE) and on electronic death registrations submitted by doctors.

- Based on civil-status data provided by INSEE, the number of deaths from all causes in week 32 remained within the usual margin of fluctuation, at national level and in all regions.
- Based on electronic certification of deaths, the number of deaths from all causes in week 33 fell slightly in the over 65 age group (down 4%, with 190 less deaths) and remained stable in the under 65 age group.

There was a slight increase in deaths during week 33, with dehydration and embolism mentioned among people aged 85 or over. Moreover, deaths involving respiratory pathologies (in particular acute respiratory infections and Covid-19) or cardiovascular pathologies (stroke, cardiac arrhythmia, and infarction) are decreasing for all ages, as are deaths involving cachexia/undernutrition in people aged 85 or over.

Emergency medical services (SAMU)

These data relate to interventions by the emergency medical services (SAMU). The SAMU operates call centres that respond to the health needs of the population 24-hours a day.

The SI-SAMU crisis management portal is an information system that lists and qualifies exceptional events in connection with emergency calls, including the Paris 2024 Olympic and Paralympic Games.

Summary of data on SAMU interventions

Number of emergency calls

Over the past week, including the Thursday 15 August public holiday, the daily number of calls to all the SAMUs covered remained within the volumes expected at national level. The number of calls remained at high levels, mainly from 15 to 17 August, without exceeding the alert thresholds.

Patients treated in connection with a Paris 2024 Olympic and Paralympic Games event

Over the past week, no Olympic Games-related events or patients was identified in the SI-SAMU crisis management portal, due to the transition period between the Olympic and Paralympic Games.

Wastewater surveillance

Wastewater surveillance, as a tool used for monitoring the population's health, is carried out using the system SUM'EAU (SURveillance Microbiologique des EAux Usées). Monitoring the circulation of SARS-CoV-2 in wastewater at national level is performed using data from a network of 12 wastewater treatment plants.

Trends in SARS-CoV-2 circulation in wastewater at national level

In week 33, the downward trend in the level of circulation of SARS-CoV-2 in the wastewater continued throughout France (all 12 wastewater treatment plants provide interpretable results).

This bulletin is a summarised version of the national weekly bulletin published in French.

For more information (French only)

Weekly national and regional bulletins

SurSaUD® bulletins

Heat Warning System (SACS)

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