

THE FRENCH HOME AND LEISURE INJURIES SURVEILLANCE SYSTEM EPAC

Louis-Marie Paget, Marion Torres, Nathalie Beltzer

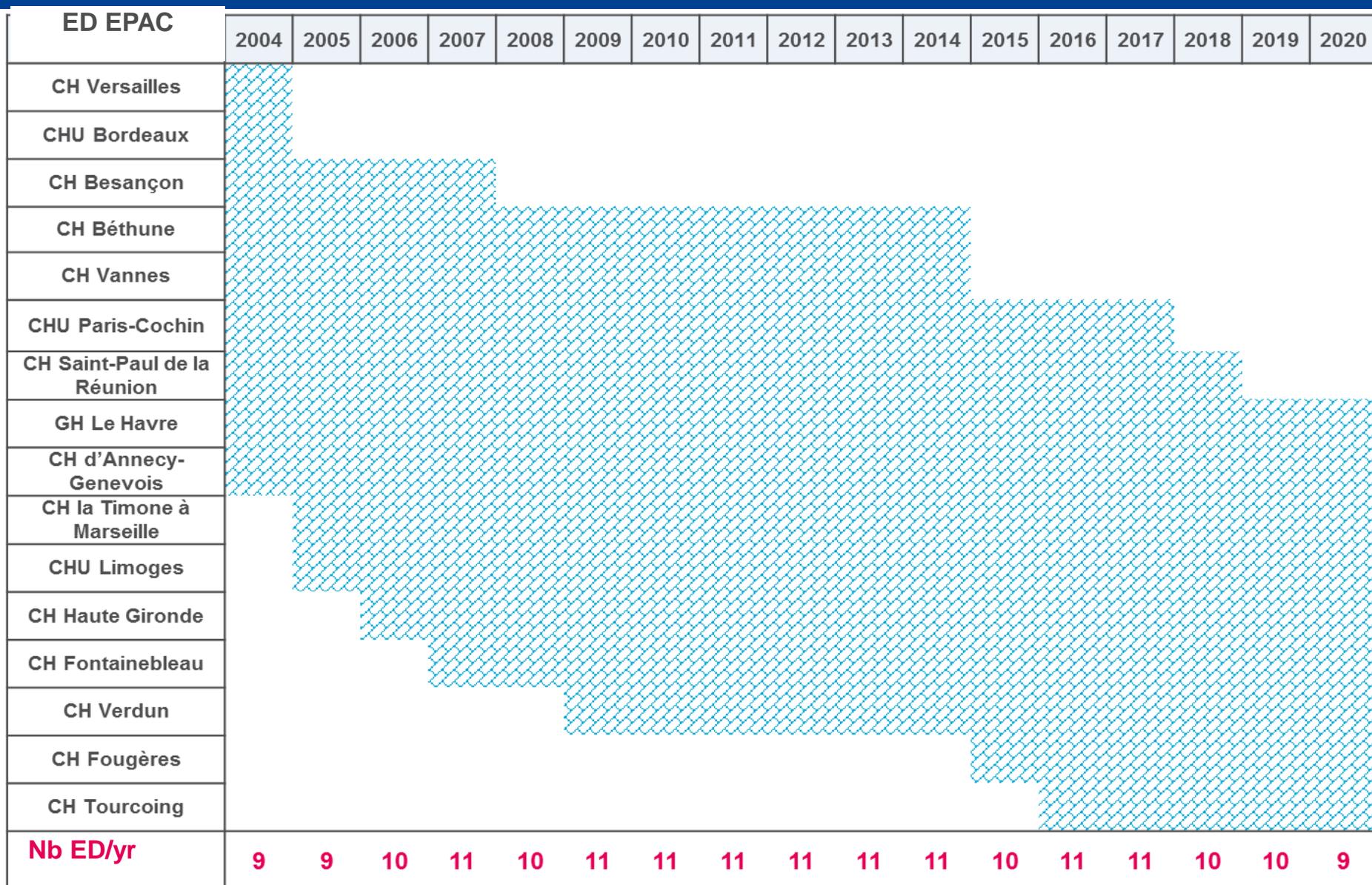
Santé publique France, Saint-Maurice, France

EU SAFETY

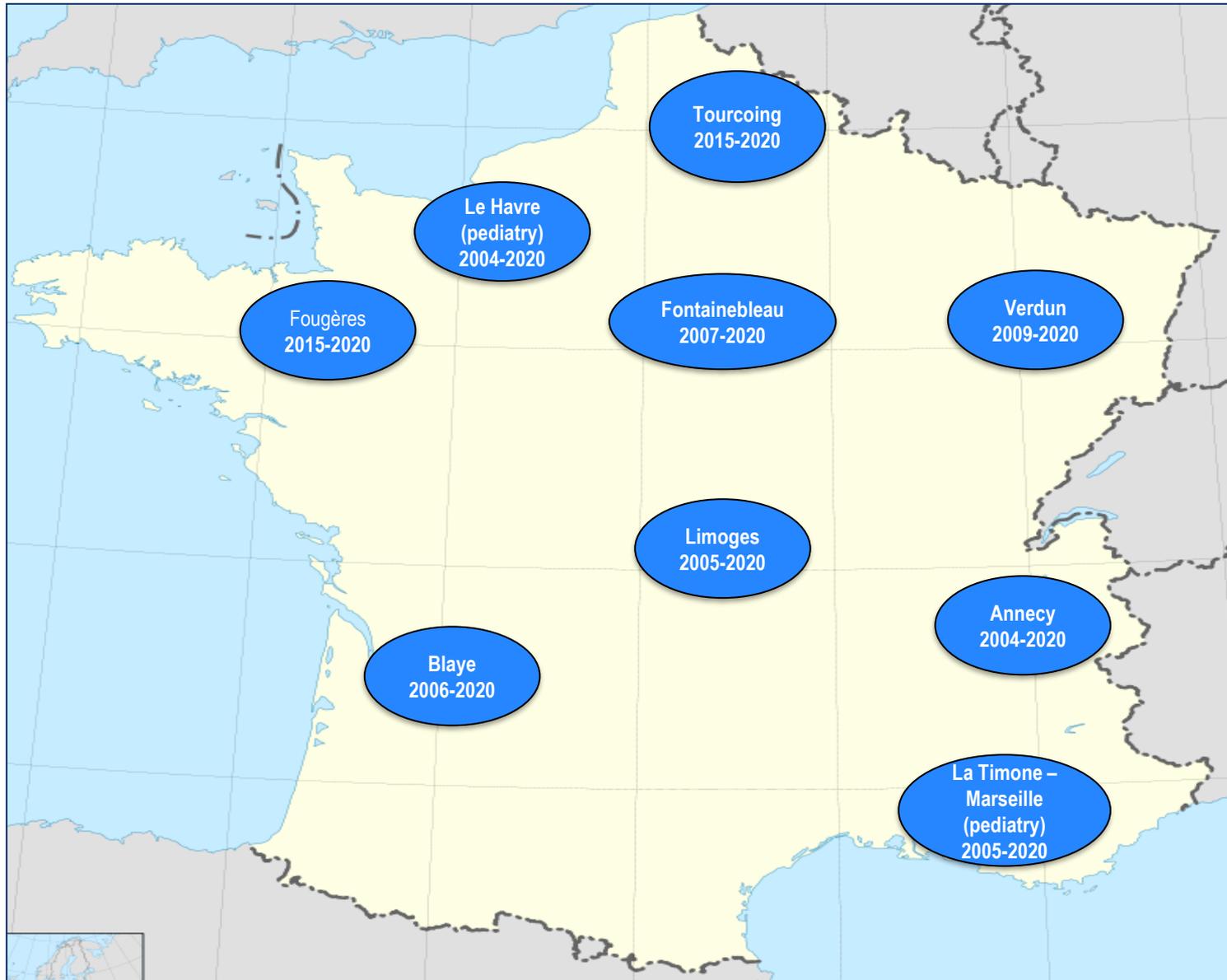
June 23, 2022

- **EPAC: Permanent Survey on Injuries in Everyday Life**
- **The main point of referral in France for home and leisure injuries**
- **Exhaustive and continuous epidemiological data collection**
- **People of all age with any type of Home and Leisure Injuries** (road and work accidents not included)
- **9 ED in metropolitan France included in the network**
 - ~100 000 accidents per year
- **Data available since 2004**

EPAC has evolved over time



The surveillance system today



Data collection process



Injured patient



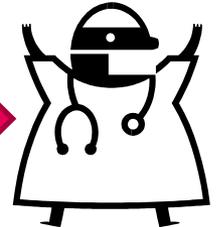
Arrival to the ED



Reception by nurse



Waiting room



Treatment



Collection of information about injuries by each ED



Contact person for EPAC



- **Characteristics of the injured person (sex, age)**
- **Characteristics of the accident (mechanism of injury, place of occurrence, activity, products involved)**
- **Consequences of the accident (type of injury and part of the body injured)**
- **Treatment and follow-up**
- **Accident description (free text)**

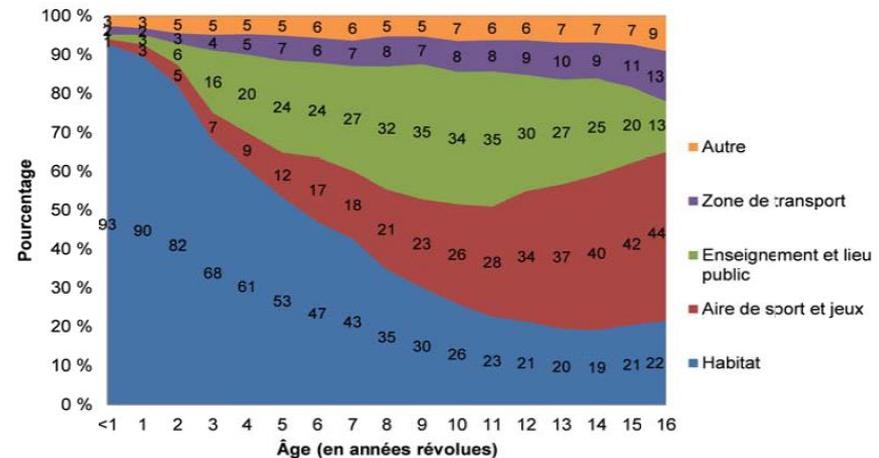
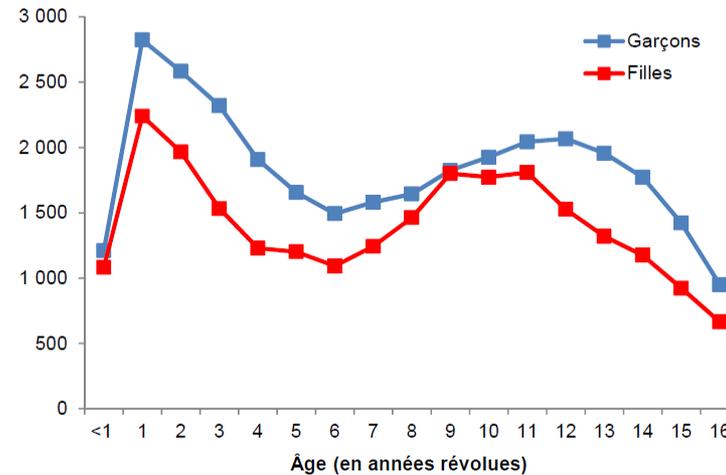
Main data users

- **Government (Ministry of Health, Ministry of Ecology etc.)**
- **Researchers**
- **Medical Doctors**
- **Students**
- **General public (results are available on the internet)**

- **General reports**

Maladies chroniques et traumatismes

Enquête permanente sur les accidents de la vie courante (EPAC)
Résultats 2010 en France métropolitaine



- **Official request of ministry and alert notifications**
- Official request of ministry of health : accidental toxic exposure in children under 15 years of age
- Alert notification in 2021-2020: electrification, pearl, magnetic balls, fireworks, diving mask, jawbreaker

- **Scientific articles**

> **PUBLICATION ACCÉLÉRÉE // Rapid communication**

SURVEILLANCE DES ACCIDENTS DE LA VIE COURANTE PENDANT LA PÉRIODE DE CONFINEMENT DE LA PANDÉMIE DE COVID-19

MONITORING HOME AND LEISURE INJURIES DURING THE LOCKDOWN DUE TO THE COVID-19 PANDEMIC

Annabel Rigou¹ (annabel.rigou@santepubliquefrance.fr), Nathalie Beltzer¹, Réseau Enquête permanente sur les accidents de la vie courante (EPAC) - Cordelia Abric², Amandine Adolff⁴, Laurie Billaud⁴, Elodie Bobe⁴, Marie-Pierre Boucounaud⁷, Aline Boutrin², Johanie Chavoix⁵, Isabelle Claudet⁹, Xavier Courtois², Jean Defosse³, Virginie Dubois¹⁰, Damien Dufour⁶, Stéphanie Guyet Job⁶, Isabelle Jean³, Mireille Mante⁸, Véronique Mésseger⁷, Virginia Messeant¹⁰, Marc Nectoux¹², Valérie Scheffer¹¹

Results – *The number of emergency ward visits for HLI decreased by almost 50% during the lockdown period compared to the same period in 2019 (7,115 vs. 15,881). This decrease occurred at all ages and among both men and women. The number of emergency ward visits for severe domestic accidents increased among children under 15 years of age (+20%; 227 vs. 273) and people over 45 years of age (+5%; 449 vs. 470). The number of severe cases related to falls increased among children aged 2-6 years (+12%; 78 vs. 86) and those aged 65-84 years (+15%; 215 vs. 248). The number of severe cases related to housework among the over 45 year olds (+25%, 40 vs 50), especially during gardening activities, has increased compared to 2019.*

- **EPAC: an important monitoring system that must evolve in the future**
- **Some perspectives:**
 - Inclusion criteria (road and work accidents)
 - Changes in data collection (improvement in process data collection)
 - Recruitment of new hospitals (hand clinic, burns center, big cities)

THANK YOU!

Louis-marie.paget@santepubliquefrance.fr