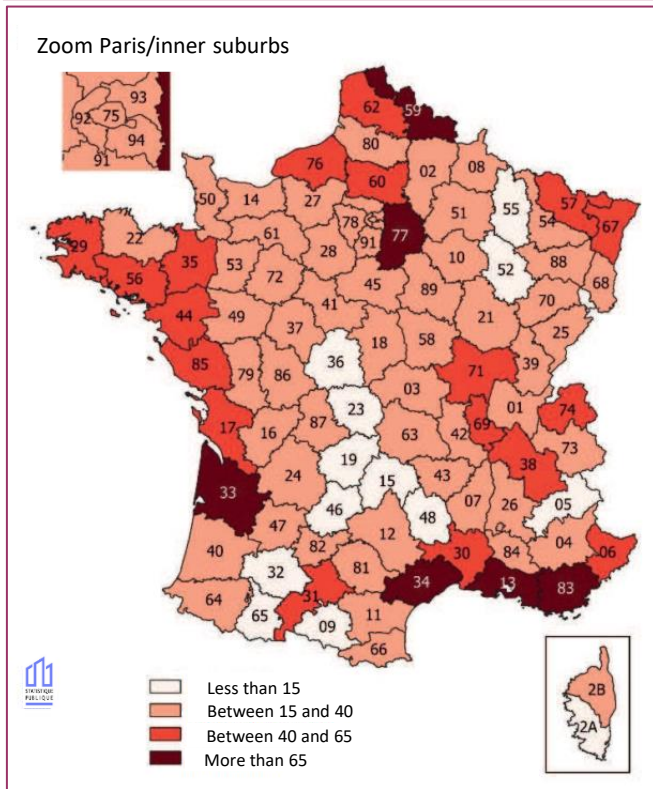


Departments of France mainland

Number of people killed per year and per department on average over the period 2017-2021



On an annual average between 2017 and 2021, **the number of people killed by department** varies in a ratio of 1 to 19 (5 in Lozère and 102 in Bouches-du-Rhône), with an average in France mainland of 32 and a median to 29. For 37 departments, the number of deaths is between 15 and 30. Among the extreme values, **12 departments have a mortality lower than 15 people killed** (sparsely populated departments). On the other hand, **24 departments recorded more than 40 people killed**; these are departments with a strong urban component. A third of the departments accounts for half of the total number of killed.

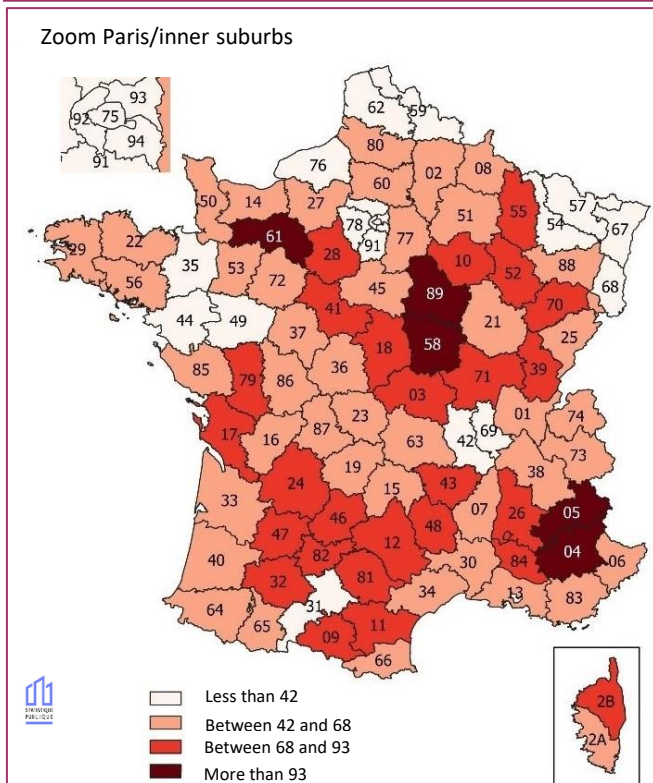
The risk, related to the population

Over the period 2017-2021, **the number of people killed per million inhabitants and per year** in France mainland area is 47. By department, the rate varies from 17 in Hauts-de-Seine, Seine-Saint-Denis and Val-de-Marne to 119 in Alpes-de-Haute-Provence. The lowest rates are observed in departments of Ile-de-France (except Seine-et-Marne).

The **mortality of 18-24 years old** per million young people of this age varies from 21 in Paris to 322 in the Gers: 50 % of the departments are located between 100 and 200, 17 % above 200 and 33 % below 100.

The **mortality of people aged 65 and over** per million inhabitants of this age has a lower variability, ranging from 20 to 134. For 70 departments, this indicator is between 50 and 100.

Average annual mortality per million inhabitants per department over the period 2017-2021



Type of accidents (2017-2021)

While **the share of pedestrians** in mortality is 15 % in France mainland, it exceeds a third in Val-de-Marne, Seine-Saint-Denis and Paris. It is below 10 % in 33 departments.

A quarter of **cyclists** killed are concentrated in 10 departments.

Users of powered two-wheelers represent more than a quarter of users killed in 26 departments. These are both highly urban departments and others that are more rural. 5 departments register more than 20 deaths in PTW on average per year (Bouches du Rhône, Alpes Maritimes, Hérault, Nord, and Var).

43 % of people killed are in an accident involving a driver under the influence of alcohol and/or illegal drugs. For 9 departments, half of the people killed are in an accident involving an **alcoholic and/or drugged driver**.

17 % of those killed are aged between **18 and 24**; and for 15 departments, this rate is over 20 %, mainly in the southern half of France.

On average, people aged **75 and over** make up 58 % of those aged 65 or over. Depending on the departments, the weight of people aged 75 or over in those killed aged 65 or over can be much higher (up to 93 %).

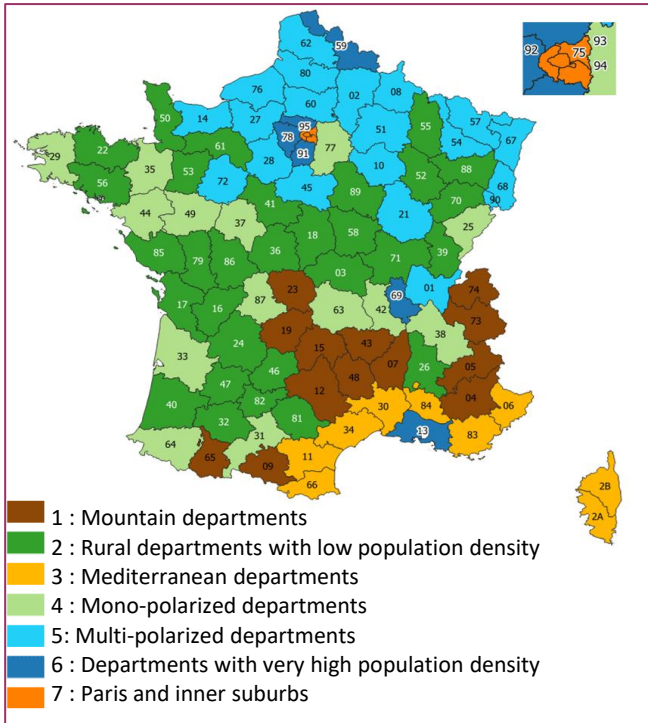
In 2022, Cerema¹ updated the zoning carried out in 2012 and divided the departments into 7 families of homogeneous departments in France mainland. The statistical study integrated 21 variables relating to the population, traffic, the road network, the socio-economic context and the climate. These families of departments make it possible to compare the performance indicators with the results of **departments presenting common characteristics (see pages 162-163)**.

A description of the families is available:

-on the ONISR website: <https://www.onisr.securite-routiere.gouv.fr/en>

-on the Cerema website: <https://doc.cerema.fr/>

Families of departments¹



Families of departments¹

In the **mountain departments**, the mortality reported per million inhabitants is the 2nd highest, on average for all ages (65), but also for 18-24 years old (138) and 25-34 years old (93); it is highest for those aged 65 or over (79).

Rural departments with low population density concentrate 24 % of mortality in France mainland in 2021. Over 5 years, they experience the highest mortality per million inhabitants (69 people killed per million inhabitants). The rate is also the highest for the mortality of young people aged 18-24 (172) or 25-34 (104) compared to the population of these ages.

In the **Mediterranean departments**, 18-24 years old (133 killed/million inhab) and 25-34 years old (87 killed/Minhab) are particularly at risk. The proportion of PTWs in mortality is 30 % against 23 % on average, and the proportion of people killed in an accident with an alcoholic driver and/or under the influence of illegal drugs is higher than the average (48 % against 43 %).

The two families of **mono-polarized departments and multi-polarized departments** each represent a fifth of road mortality in 2021. Over 5 years, the indicators for these two families of departments are very close to the national average.

Only 6 departments make up the family of **departments with very high density**, but this family represents 12 % of mortality in 2021. Mortality in relation to the population in the departments of the family remains below the national average. The share of pedestrians in fatalities is 20 % (compared to 15 % for the national average).

The departments of **Paris and the inner suburbs** are characterized by a low mortality rate (three times lower than the average for France mainland between 2017 and 2021). The share of **pedestrians, cyclists and PTWs** among the fatalities is the highest there (83 %).

	People killed								On average 2017-2021, share in the mortality of people killed...			
	2021		evolution		all age for 1 million inhabitants (pop. 2021)	average rate 2017-2021			PTW	in an accident with a novice driver under 2 years old **	in an accident with drunk driver / known alcohol	in an accident with drug or alcoholic driver / known alcohol drug *
	total by family	on average per family dept	2021/ 2019	2021/ 2010		18-24 year old for 1 million of 18-24 y.o. (pop. 2021)	25-34 years old for 1 million of 25-34 y.o. (pop. 2021)	65 years and over for 1 million of 65 y.o. and over (pop. 2021)				
1 - Of Mountain	205	16	-14%	-18%	65	138	93	79	26%	18%	29%	40%
2 - Low density rural	696	23	-16%	-36%	69	172	104	78	19%	18%	31%	41%
3 - Mediterranean	346	38	-10%	-28%	61	133	87	69	30%	18%	34%	48%
4 - Monopolarized	587	42	-11%	-22%	44	86	59	62	22%	20%	32%	44%
5 - Multi-polarized	612	31	-10%	-27%	48	93	68	60	19%	19%	30%	42%
6 - Very high density	364	61	9%	-19%	32	65	48	44	28%	19%	28%	44%
7 - Paris and inner suburbs	134	34	16%	-2%	17	28	22	31	36%	17%	24%	43%
Metropolis	2 944	31	-9%	-26%	47	96	64	62	23%	19%	31%	43%

Population 2021: Source Insee

* Unlabelled data

** Data over 4 years 2018, 2019, 2020 and 2021

¹ More information on the indicators calculated for the department families is available on pages 162-163