

GČP INDEX for the first half of 2023:

There were half as many fatal accidents in the regional cities, with the safest roads in Hradec Králové, Karlovy Vary and Liberec

The safest roads in the regional cities in the Czech Republic were monitored in Hradec Králové in the first half of this year. Karlovy Vary ranked second, followed by Liberec in third place. 84 out of the 206 municipalities with extended jurisdiction experienced traffic accidents with fatalities or serious injuries. These and other data are provided by the GČP INDEX for the first half of 2023.

ABOUT GČP INDEX

The GČP INDEX expresses the relative degree of seriousness of traffic accidents in the urban areas of regional cities and municipalities with extended jurisdiction. All 13 regional cities and 206 municipalities with extended jurisdiction are included in the Index. The value of the index indicates the ratio of serious and fatal accidents (i.e. accidents in which serious injury or death occurred) to the total number of accidents recorded in the territory of the mentioned cities for a certain period. The higher the value of the index, the worse the traffic safety situation in a specific city.

Prague - The GČP INDEX describes the accident rate based on the ratio of serious and fatal accidents to the total number of accidents in the urban areas of regional cities and all 206 municipalities with extended jurisdiction, compared to the total number of registered traffic accidents. This is the so-called severity of traffic accidents, the higher the GČP INDEX value, the worse the traffic safety situation.

THE SAFEST IS HRADEC KRÁLOVÉ, THE LEAST SAFE BRNO

According to the results of the GČP INDEX for the first half of 2023, the safest driving was monitored in Hradec Králové, where "only" one person was seriously injured in 380 traffic accidents. Hradec Králové was thus ranked at the highest level in road traffic safety among the regional cities and thereby defended its first place from last year. Karlovy Vary ranked second, Liberec third. At the opposite end, Pilsen ranked in 11th place, České Budějovice in 12th place and Brno ranked the worst, in 13th place. Here, 33 people were seriously injured in 887 traffic accidents. This trio of cities thus remains at the bottom of the GČP INDEX, where it also appeared in 2022 ranking in a slightly altered order.

The positive news is that in the urban areas of ten regional cities there were no fatal accidents during the first half of the year. On the

contrary, 8 people died in Prague, 4 in Ostrava and 1 person in Liberec.

In the first half of 2023, 13,241 traffic accidents were registered on the roads of the regional cities (year-on-year decrease of 1,060, i.e. -7%), in which 13 people lost their lives (year-on-year decrease of 12, i.e. -48%) and 173 people were seriously injured (year-on-year decrease of 44, i.e. -20%).

Ranking H1 2023	Regional city	GČP INDEX Value	Ranking 2022
1.	Hradec Králové	0.26	1.
2.	Karlovy Vary	0.38	4.
3.	Liberec	0.56	3.
4.	Pardubice	0.57	5.
5.	Ústí nad Labem	0.72	8.
6.	Ostrava	0.94	7.

7.	Olomouc	1. 08	2.
8.	Praha	1. 16	6.
9.	Jihlava	1. 24	9.
10.	Zlín	1. 75	10.
11.	Plzeň	2. 35	11.
12.	České Budějovice	3. 02	13.
13.	Brno	3. 61	12.

OVER 40 PERCENT OF MUNICIPALITIES WITH EXTENDED JURISDICTION DEALT WITH SERIOUS ACCIDENTS

In addition to the regional cities, GČP INDEX also compares all municipalities with extended jurisdiction. 22,740 traffic accidents were registered in the urban areas of the monitored 206 cities, in which 32 people died and 287 were seriously injured. There were serious accidents in 84 cities, 21 of them with fatal consequences, and 76 with serious injuries. A total of 122 monitored cities avoided deaths and serious injuries in the first half of 2023.

The highest value of the index – and thus the worst safety on the roads there – was recorded in Vimperk (10.53), Nové Město na Moravě (10.00) and Varnsdorf (8.33).

It is important to mention that the GČP INDEX balances the data for the first half of 2023, so in cities with a low number of accidents, even one serious accident can significantly affect the value of the index. The web application <http://www.gcpindex.cz> also allows filtering of the index for a longer period of time - in addition to 6, also 12 and 36 months.

GČP INDEX of municipalities with extended jurisdiction for H1 2023 by region.

You can find the links directly under the names of the regions:

- [Středočeský](#)
- [Praha](#)
- [Jihočeský](#)
- [Plzeňský](#)
- [Ústecký](#)
- [Královéhradecký](#)
- [Jihomoravský](#)
- [Moravskoslezský](#)
- [Olomoucký](#)
- [Zlínský](#)
- [Vysočina](#)
- [Pardubický](#)
- [Liberecký](#)
- [Karlovarský](#)

VULNERABLE ROAD USERS: PEDESTRIANS, CYCLISTS AND MOTORCYCLISTS

GČP INDEX enables the comparison of cities and municipalities according to the severity of accidents involving the „Vulnerable Road Users“, i.e. pedestrians, cyclists and motorcyclists. It is therefore a matter of monitoring only those accidents in which the listed categories of road users died or were seriously injured. The index value of Vulnerable Road Users indicates the ratio of serious and fatal accidents involving Vulnerable Road Users to the total number of accidents with their participation.

2,603 traffic accidents were recorded in the urban areas of the monitored 206 cities, in which 23 vulnerable road users died and 220 were seriously injured. While the share of vulnerable road users in accidents represents "only" 11.4%, the share on deaths is 71.9% and even 76.7% on serious injuries. It is therefore obvious that it is precisely pedestrians, cyclists and motorcyclists who are fundamentally at risk during traffic accidents in cities.

In the first half of 2023, there were no fatal or serious accidents involving vulnerable road users in 133 monitored cities.

Municipalities with extended jurisdiction H1 2023	Accidents	Deaths	Severe Injuries
Total	22 740	32	287
Vulnerable Road Users	2 603	23	220
Share of Vulnerable Road Users	11,4%	71,9%	76,7%

The situation in the regional cities is described in the following table. 1,359 traffic accidents were registered in the urban areas of the regional cities, in which 11 vulnerable road users died and 129 were seriously injured. The share of vulnerable road users in accidents is: 10.3%, in fatalities: 84.6% and in serious injuries: 74.6%. These data clearly demonstrate why it is necessary to pay increased attention to pedestrians, cyclists and motorcyclists in urban areas.

Regional Cities 2022	Accidents	Deaths	Severe Injuries
Total	13 241	13	173
Vulnerable Road Users	1 359	11	129
Share of Vulnerable Road Users	10,3%	84,6%	74,6%

Pardubice became the safest regional city for vulnerable road users in the first half of this year, Hradec Králové came in second, and Ústí nad Labem came in third. At the opposite end, České Budějovice appeared in 11th place, Plzeň in 12th position and the worst, 13th place, was taken by Brno, in which 25 people were seriously injured in 140 accidents.

Ranking H1 2023	Regional cities	GČP INDEX value for Vulnerable Road Users	Ranking 2022
1.	Pardubice	1. 72	3.
2.	Hradec Králové	2. 33	1.
3.	Ústí nad Labem	2. 44	11.
4.	Jihlava	3. 70	8.
5.	Karlovy Vary	5. 00	5.
6.	Ostrava	6. 09	6.

7.	Olomouc	7.46	2.
8.	Liberec	7.94	4.
9.	Praha	10.32	7.
10.	Zlín	11.11	13.
11.	České Budějovice	13.64	12.
12.	Plzeň	17.07	9.-10.
13.	Brno	17.86	9.-10.

WEB APPLICATION SHOWS UPDATED DATA

Part of the GČP INDEX is the interactive web application www.gcpindex.cz, in which you can display a timeline for each city with the development of the overall GČP INDEX and the index with an emphasis on Vulnerable Road Users (pedestrians, cyclists and motorcyclists). You can compare up to seven selected cities among each other.

GČP INDEXU EVOLUTION

Generali Česká pojišťovna has been evaluating road traffic safety in urban areas (built-up areas) since 2004. While only regional and district cities were evaluated under the name "Safety Index" until 2021, the new GČP ROAD SAFETY INDEX evaluates in more detail not only the current situation, but also development in individual periods in all 206 municipalities with extended jurisdiction. The GČP INDEX is evaluated twice a year - always in spring and autumn. Verified data for calculating the index is traditionally supplied and processed by the Transport Research Center. Complete historical data describing safety on the roads of regional cities and municipalities with extended scope is newly available on the special platform <http://www.gcpindex.cz>. Thanks to this, it is possible to filter the data in a unique way, for example by period, type of city or ranking in the index.

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