

Zagreb in figures

20

#### Publisher

CITY OF ZAGREB
City Office for Economy, Environmental
Sustainability and Strategic Planning
Sector for Strategic Information and Research
Department of Statistical and Analytical Affairs

#### For the publisher

Tatjana Operta, Head of Office

#### **Editors**

Darko Šiško Vesna Polančec

#### Prepared by

Matea Janeković, Marijana Kožul Željka Bešlić, Ružica Šaravanja Martina Šola, Maja Palčić Kristina Mudronja

#### Layout, illustrations and prepress

Benussi & the Fish j. d. o. o., Zagreb

#### Cartographic maps

Kristina Mudronja

#### Language editing

Signum jezici d.o.o. Zagreb

#### **Print run**

1 200 copies

#### Press

Tiskara Zelina d. d.

#### **Address of the Editorial Board**

City Office for the Economy, Environmental Sustainability and Strategic Planning Department of Statistical and Analytical Affairs Sv. Ćirila i Metoda 5, Zagreb T: 01/6101-950 E: geos@zagreb.hr www.zagreb.hr/statistika/30

ISSN 2670-9295

Zagreb, December 2022

When downloading and publishing the data contained herein, please indicate the source as follows: Zagreb in Figures 2022, or abbreviated: the "ZIF 2022".

# **ZAGREB IN FIGURES 2022**

#### Dear citizens of Zagreb! Dear visitors!

We are pleased to present the fifth edition of the Zagreb in Figures publication. This statistical publication presents key data and facts about the City of Zagreb in an interesting and reader-friendly way.

If you are interested in the population of the City of Zagreb, its economy, education, labour market, geographical and climate data, culture and leisure or other topics, Zagreb in Figures 2022 will provide you with more information about our city. It contains the following seven chapters: Population, Geographical and Climate Data, Culture and Entertainment, Education, Economy, Transport, Politics and Public Administration and a historical retrospective of the City of Zagreb.

This edition outlines the impact the health crisis arising from the Covid-19 pandemic which led to many negative trends in 2021 in many areas of life. For example, this impact can be observed in the 10.3% increase in the number of deaths compared to 2020, the decline in the number of visitors to cultural institutions – 65.9% for theatres, the decrease in the number of users of public transportation – 9.2% for trams and buses individually, and the 18.9% increase in the number of unemployed persons compared to 2020. These indicators are therefore to be interpreted in the light of this great change.

The gradual loosening of epidemiological measures in 2021 led to some positive trends when it comes to both professional life and private events such as weddings and births. In 2021, the number of live births increased by 2.1%, with an average maternal age of 31.4 years, and the number of marriages increased by 28.3% compared to 2020. In the tourism sector, a 76.3% increase in the number of overnight stays can be observed, most of which came from German tourists, whose number increased by 92.1% compared to 2020.

Finally, the most important information provided by this data is that Zagreb is an ever-changing city. On the one hand, it is a dynamic metropolis; on the other hand, it is what it has always been — an attractive city suitable for comfortable living.

We hope that Zagreb in Figures 2022 will spark your interest and that this publication will prove to be useful in your professional and everyday life.

Head of the City Office for Economy, Environmental Sustainability and Strategic Planning

m

meter

# **ABBREVATIONS**

°C	degree Celsius	m²	square meter	
CBS	Croatian Bureau of	mln	million	
CEFTA	Statistics Central European Free Trade	MINGOR	Ministry of Economy and Sustainable Development	
	Agreement	mm	millimeter	
CO	City Office	MUP	Ministry of the Interior	
COEESSP	City Office for Economy, Environmental Sustainability and	MZLZ	Zagreb International Airport	
	Strategic Planning	NSK	National and University Library in Zagreb	
d. o. o.	limited liability company (LLC)	OPEC	Organization of the	
d. d. DHMZ	joint stock company Croatian		Petroleum Exporting Countries	
	Meteorological and Hydrological	PMF	Faculty of Science	
	Service	ppl/km²	people per square kilometer	
EFTA	European Free Trade Association	r	radius	
EU	European Union			
FER	Faculty of Electrical Engineering and Computing	SRC	sports and recreation center	
	Computing	thsnd	thousand	
GDP	gross domestic product	TVZ	Zagreb University of Applied Sciences	
GZ	City of Zagreb	USA	United States of America	
ha	hectare	ZET	Zagreb Electric Tram	
HV	Croatian water	ZH	Zagreb Holding	
	management company	Z00	Zagreb Zoo	
HZZ	Croatian Employment Service			
HŽPP	Croatian Railways	SYMBOLS		
	Passenger Transport	% 1)	percentage footnote mark	
km	kilometer	<	less than	
km²	square kilometer	≤ .	less than or equal to	

more than or equal to

# **CONTENTS**

GEOGRAPHICAL AND CLIMATE DATA	6
POPULATION	10
CULTURE AND ENTERTAINMENT	16
EDUCATION	18
ECONOMY	20
TRANSPORT	24
POLITICS AND PUBLIC ADMINISTRATION	26

# GEOGRAPHICAL AND CLIMATE DATA

#### HEIGHT ABOVE SEA LEVEL



1035 m Sljeme

158 m

122 m Zrinjevac

SOURCE: PMF, Department of Geography



#### SMALLEST CITY DISTRICT

# Donji grad 3.02 km²

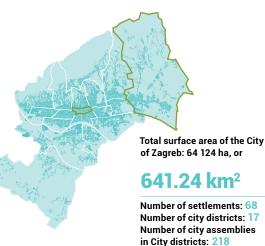
4.1% of the total population of the City of Zagreb lives on an area of 0.5% of the City's total surface area.



#### LARGEST CITY DISTRICT

### Sesvete 165.22 km²

9.2% of the total population of the City of Zagreb lives on an area of 25.8% of the City's total surface area.



SOURCE: CO for Cadastre and Geodetic activities; DATA PROCESSED BY: COEESSP, Department for Spatial Information and Research, Department of Statistical and Analytical Affairs

# NATURAL ASSETS, 2021



# Nature park Medvednica

8 438.12 ha

(total surface area 17 936 ha)

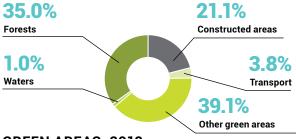
- 7 special nature reserves of forest vegetation within Medvednica Nature Park 773.12 ha
- Maksimir Park 356.21 ha
- 3 distinctive landscapes 823.56 ha

\*\*\*

Sava River29 km(total length 945 km)

SOURCE: HV. MINGOR

# **EXISTING LAND USE, 2018**



### **GREEN AREAS, 2018**



# City of Zagreb



# Brezovica

Largest share in green areas on the total surface area of the city district

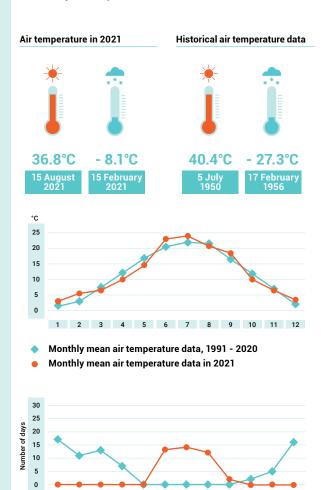


# Trešnjevka -North

Smallest share in green areas on the total surface area of the city district

### AIR TEMPERATURE<sup>1)</sup>

 The highest average monthly air temperature in 2021 was in July and it equaled 24.0 °C.



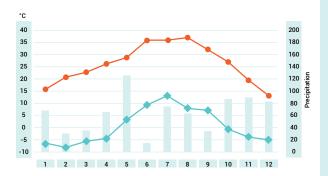
- Number of cold days (min temperature < 0°C), 2021</li>
- Number of hot days (max temperature ≥ 30°C), 2021

SOURCE: DHMZ; DATA PROCESSED BY: COEESSP, Department of Statistical and Analytical Affairs

1 2 3 4 5 6 7 8 9 10 11 12

<sup>&</sup>lt;sup>1)</sup> Data according to the measuring of the Meteorological and Aerological Observatory Zagreb-Maksimir

#### CLIMATE<sup>1)</sup>



- Average monthly precipitation, mm, 2021
- Absolute minimum air temperature, 2021
- Absolute maximum air temperature, 2021

#### PRECIPITATION1)

# Maximum 24-hour

precipitation in 2021

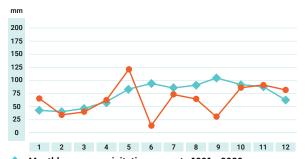


36.7 mm 3 December 2021

#### Maximum historical 24-hour precipitation



86.1 mm 28 September 1987



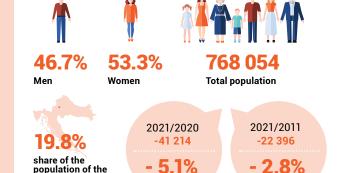
- Monthly mean precipitation amounts 1991 2020
- Precipitation amounts by months in 2021

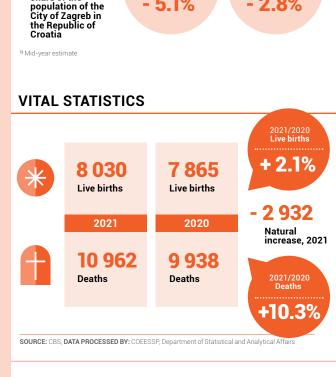
Data according to the measuring of the Meteorological and Aerological Observatory Zagreb-Maksimir

# **POPULATION**

 In mid-2021, Zagreb had a population of over 768 thousand, or one fifth of the total population of the Republic of Croatia.

#### WHO LIVED IN ZAGREB IN 2021?1)





# MARRIAGES, 2021



3 671 Marriages

2021

2021/2020 + 28.3%



1 023

2021/2020 - **10.7%** 

# WHAT HAPPENED DAILY ON AVERAGE IN THE CITY OF ZAGREB IN 2021?



45.1 Immigrants



42.8 Emigrants



22.0 Live births



10.1 Marriages



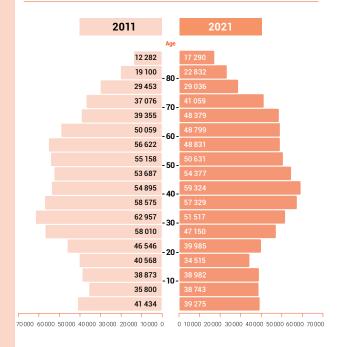
**30.0** Deaths



2.8
Divorces

### **AGE STRUCTURE**

#### Population of the City of Zagreb, by age, 2011 and 2021



Average age of men, 2021

expectancy

of men, 2021

Average

age of women, 2021

expectancy of women, 2021



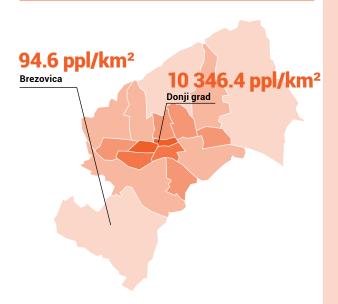
<15 years (of total population, 2021)



65+ years (of total population, 2021)

# **POPULATION DENSITY, CENSUS**

Districts with the highest and lowest population density, 2021 Census



# City of Zagreb 1 196.3 ppl/km²

# Total population per km<sup>2</sup>, 2021 Census

- up to 1000
- 1000-3000
- 9 3000-6000
- 6000-9000
- over 9000

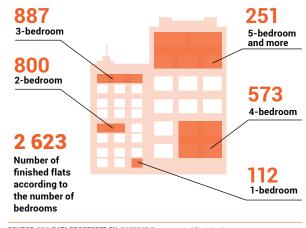
27 m<sup>2</sup>

Average floor surface of occupied permanent dwellings per person (2011) 2.63

Average number of persons per dwelling (2011)

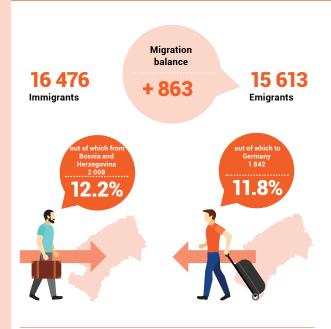


# COMPLETED APARTMENTS ACCORDING TO THE NUMBER OF BEDROOMS, 2021



**SOURCE:** CBS; **DATA PROCESSED BY:** COEESSP, Department of Statistical and Analytical Affairs

# **MIGRATIONS, 2021**



# POPULATION IN EUROPEAN CITIES

	2021	2021/2011
Vienna	1 920 949	+ 12.8%
Budapest	1 723 836	- 0.6%
Prague	1 335 084	+ 8.2%
Zagreb	768 054	- 2.8%
Bratislava	475 503	+15.8%
Ljubljana	294 464	+ 5.1%
Sarajevo	273 106	- 12.2%

**SOURCE**: National statistical offices of Austria, Hungary, Czech Republic, Slovakia, Slovenia, Federal Bureau of Statistics of Bosnia and Herzegovina and CBS



31.4

Average age of mother at first live birth in 2021



32.0

Average age of bride in 2021



34 5

Average age of groom in 2021

SOURCE: CBS; DATA PROCESSED BY: COEESSP, Department of Statistical and Analytical Affairs

# MOST FREQUENT NAMES FOR NEWBORNS, 2021

120 Mia

- 2. Rita (111)
- 3. Lucija (107)
- 4. Marta (105)
- 5. Nika (101)

227



- 2. Jakov (135)
- 3. David (133)
- 4. Niko (108)
- 5. Mateo (106)

SOURCE: CO for General Administration and Property and Legal Affairs

# CULTURE AND ENTERTAINMENT

 Due to the COVID-19 disease in 2021, the number of theatregoers decreased by 65.9% compared to 2020.

#### **ATTENDANCE**



249 224

Theatres, 2021





297 190

Museums, 2021



10 327 322

Libraries, 2021

CINEMAS, 2021



AAAAA AAAAAA AAAAAA



Cinemas

Screen

0 043

Attendance

SOURCE: CBS; DATA PROCESSED BY: COEESSP, Department of Statistical and Analytical Affairs

# CHILDREN'S PLAYGROUNDS



**783** 

AND PARKS, 2021

**Playgrounds** 



46 Parks

SOURCE: ZH, subsidiary Zrinjevac

# **SPORTS, 2021**

 164 is the total number of sports venues owned by the City of Zagreb



47 Sport fields



50 Sport centers

SOURCE: CO for Education, Sport and Youth

ZOO, 2021



7 182

Individual animals



3/1 Species



Visitors

2021/2016

2021/2016 + 3.6%

2021/2016 + 19.8%

**SOURCE:** Zagreb ZOO; **DATA PROCESSED BY:** COEESSP, Department of Statistical and Analytical Affairs

# BOTANICAL GARDEN OF THE FACULTY OF SCIENCE



44 000 m<sup>2</sup>

Surface area



6 355

Plant taxa

SOURCE: Botanical garden Faculty of Science

# CITY GARDENS, 2021



2 182

Garden allotments



1887

Number of users of garden allotments

SOURCE: COEESSP, Department of Agricultural Land

# **EDUCATION**













Ratio of the number of educators/teachers and children in kindergartens (beginning of 2021/2022)

The ratio of the number of teachers and students in primary schools (beginning of 2021/2022)

The ratio of the number of teachers and students in secondary schools (beginning of 2021/2022)

#### KINDERGARTENS, 2021/2022



compared to 2020/2021

Out of the total number of children enrolled in kindergartens in 2021/2022, 64% of children up to 5 years of age attended kindergarten

### **EDUCATIONAL INSTITUTIONS, 2021/2022**



Kindergartens

Basic schools

Upper secondary schools

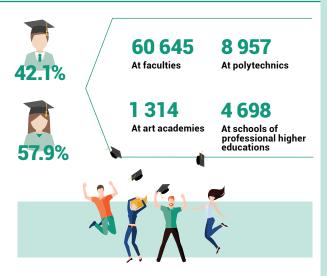


Hiaher education institutions

# PUPILS/STUDENTS - ENROLLED IN '21/'22

Basic schools	61 554
Grammar schools	14 142
Technical and related schools	15 454
Industrial and crafts schools	4 002
Secondary art schools	1 623
Upper secondary schools for students with development issues	390
Higher education institutions	75 614

# STUDENTS - enrolled in 2021/2022



### Students enrolled

5 higher education institutions with the highest number of enrolled students (2021/2022)

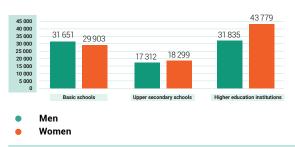
- 1. Faculty of Economics 6 872
- 2. Faculty of Humanities and Social Sciences 6 116
- 3. Faculty of Law 4 732
- 4. University of Applied Health Sciences in Zagreb 4 202
- 5. TVZ 4 201

### **Graduates**

5 higher education institutions with the highest number of graduates (2021)

- Faculty of Humanities
   and Social Sciences 1 310
- 2. FER 1 098
- 3. University of Applied Health Sciences in Zagreb 1 046
- 4. PMF 927
- 5. TVZ 764

#### **ENROLLED IN THE 2021/2022 SCHOOL/ACADEMIC YEAR**



# **ECONOMY**

## NOMINAL GROSS DOMESTIC PRODUCT, 2019



Zagreb 176 012 kuna GDP per capita



Croatia 101 354 kuna GDP per capita

# **GROSS VALUE ADDED, 2019**

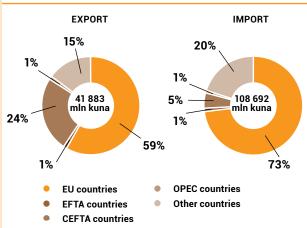


**117 061 339 400** mln kuna mln kuna City of Zagreb

Republic of Croatia

SOURCE: CRS

# **FOREIGN TRADE IN GOODS, 2021**



#### EXPORT, 2021

### 41 883 mln kuna

TOP 3 COUNTRIES		
Bosnia and Herzegovina	14.1%	
Slovenia	13.6%	
Germany	9.8%	

#### IMPORT, 2021

### 108 692 mln kuna

TOP 3 COUNTRIES	
Germany	13.9%
Slovenia	10.8%
Italy	9.4%

SOURCE: CBS, DATA PROCESSED BY: COEESSP, Department of Statistical and Analytical Affairs

# **TOURISM, 2021**

#### **TOURIST OVERNIGHT STAYS**



74.2% Foreign tourist nights

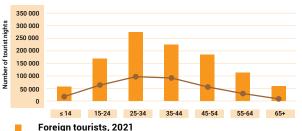
#### 1.4 mln Tourist nights





Domestic tourist nights

#### TOURIST OVERNIGHT STAYS ACCORDING TO AGE GROUPS



- Domestic tourists, 2021

#### **TOP 3 COUNTRIES WITH MOST OVERNIGHT STAYS, 2021**



#### **TOURIST NIGHTS BY ACCOMMODATION ESTABLISHMENTS, 2021**

56.8%

7.4%

35.8%

Hotels and similar accommodation

Hostels

Rooms to let, apartments, studio-type suites, summer houses

SOURCE: CBS; DATA PROCESSED BY: COEESSP, Department of Statistical and Analytical Affairs

#### ACCOMMODATION CAPACITIES, STATUS AS OF 31 AUGUST 2021

Hotels

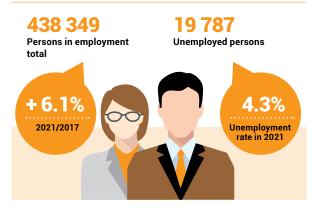
Hostels

SOURCE: CBS

## EMPLOYMENT AND UNEMPLOYMENT. STATUS AS OF 31 MARCH 2021



# EMPLOYMENT AND UNEMPLOYMENT, STATUS AS OF 31 MARCH 2021



# EMPLOYED PERSONS BY NATIONAL CLASSIFICATION OF ACTIVITIES (NACE), STATUS AS ON 31 MARCH 2021



74 531

Wholesale and retail trade; repair of motor vehicles and motorcycles



**45 272** 





37 974

Professional, scientific, and technical activities



34 373

Human health and social work activities



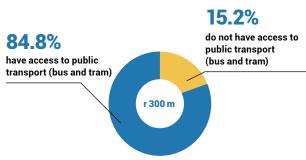
33 062

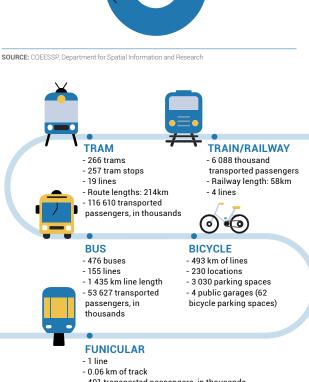
Public administration and defence; compulsory social security

# TRANSPORT

In 2021, Franjo Tuđman Airport saw a total of 1.4 million passengers, a 51.9% increase compared to 2020.

# **CITY TRANSPORT, 2021**





- 401 transported passengers, in thousands



#### 3 172 Number of taxis



# 353 142

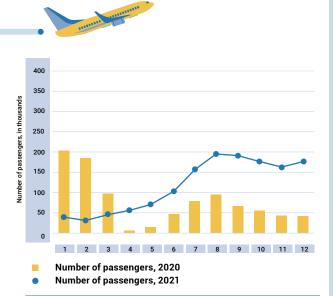
Number of registered passenger cars (31 December 2021)



6 Locations of charging stations for electric vehicles in public garages

**SOURCE:** MUP, CO for Reconstruction, Development, Physical Planning, Construction, Utility Services and Transport, ZH, subsidiary Zagrebparking

# NUMBER OF PASSENGERS AT MZLZ, 2020 AND 2021



# POLITICS AND PUBLIC ADMINISTRATION



# CITY OF ZAGREB

#### Mayor

Tomislav Tomašević, MA in Political Science

**Deputy Mayors** 

Danijela Dolenec, PhD Luka Korlaet, PhD

# STRUCTURE OF HUMAN RESOURCES CITY OF ZAGREB (STATUS AS OF 31 DECEMBER 2021)

TOTAL	Women	Men	
3 166	2 0 3 4	1132	Haya

SOURCE: City Administration General Secretariat

# CITY ASSEMBLY OF THE CITY OF ZAGREB<sup>1)</sup>



#### President

Joško Klisović

Vice-president

Ivana Kekin Teodor Celakoski Mislav Herman Nenad Predovan

#### **GENDER DISTRIBUTION**

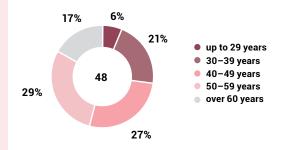
40%

City Assembly members, female (19)

60%

City Assembly members, male (29)

#### CITY ASSEMBLY MEMBERS BY AGE GROUPS<sup>1)</sup>



<sup>1)</sup> Data with the status as of 27 June 2022

SOURCE: City Assembly General Secretariat

# **BUDGET EXPENDITURES, 2021**







32.1% Education



15.6% Health care



13.0% Services relative to improvements in housing and community



10.9% Economic affairs



8.6% Social protection



**8.4%** Recreation, culture and religion



7.8% General public services



2.7% Environmental protection



0.9% Public order and security

# HISTORY OF ZAGREB

#### 1094

Hungarian King Ladislav establishes the Zagreb Diocese.

#### 1242

Croatian-Hungarian King Bela IV grants the Golden **Bull by which Zagreb** becomes a Free Royal City.

#### 1355

Mention of the first pharmacy in Zagreb.



1834

#### 1850

Zagreb, by joining all becomes a single administrative unit.

Opening of the its settlements, first permanent theatre in Zagreb.

#### 1857

**First Population** Census (16 657 inhabitants).

As lamps put in place (a tradition maintained to the present day).

### 1864

First road and railway bridge (Podsused).



First major trade exhibition takes place -**Economic Convention.** 

#### 1901

First car on the City streets.



#### 1910

1991

First electric tram put into service.

#### 1925

Founding of the Zagreb Z00.



#### 1990

35th Eurovision competition takes place.

Zagreb becomes the capital city of the independent Republic of Croatia.

#### 1987

**University Games** take place in Zagreb and SRC Jarun is built.



#### 1995

Opening of the new building of the NSK.

#### 2007

Opening of the Homeland Bridge.

#### 2009

Opening of Arena Zagreb.







#### 1557

First mention of Zagreb as the capital of Croatia in written documents.

#### 1607

Foundation of the Jesuit gymnasium with six grade levels (the beginning of higher education).



#### 1827

Opening of Jägerhorn, the first hotel in Zagreb.

#### 1748

First coffeehouse in the City of Zagreb.

#### 1669

Croatian-Hungarian King Leopold I grants the right to the Royal Academy to be transformed into a university.



Opening of the Mirogoj cemetery.

#### 1877

First electric lighting.



#### 1881

First telephone call in Zagreb.

#### 1880

Severe earthquake strikes the City in November.



1926 First radio station broadcasting, also the first in this part of Europe.

#### 1928

City bathing resort built on the Sava riverbank.

## 1929

Establishment of a city statistical office.



Opening of the International Zagreb Fair across from the Sava River.

#### 1979

1966

1964

Tram lines cross the Sava river. First flower show.

Raging flood strikes Zagreb.



#### 2014

New building of Zagreb Academy of Music opened.

#### 2017

Opening of the new International Zagreb Airport Franjo Tuđman

#### 2020

5.5 magnitude earthquake, 22 March 2020

#### 2022

The new Sljeme cable car, opened to the public on 23 February 2022





# SELECTED PUBLICATIONS OF THE COEESSP — DEPARTMENT OF STATISTICAL AND ANALYTICAL AFFAIRS



Census of Population, Households and Dwellings 2021 - statistical survey conducted once every 10 years. First releases in the fields of Earnings, Employment and unemployment, Tourism, Construction, Service activities, Transport, Vital statistics, Retail trade and Nacional accounts, and first releases related to the COVID-19 pandemic in the City of Zagreb.

Statistical Yearbook of the City of Zagreb – basic annual statistical publication that presents data in the fields of social and economic activities as well as geographical, meteorological and general data on the City of Zagreb.

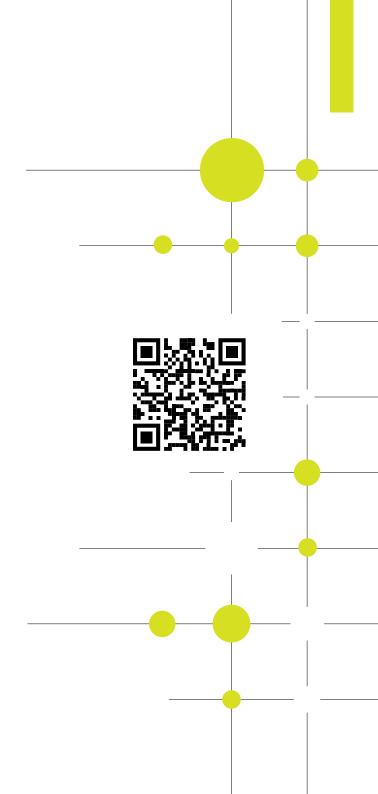


Key data about the City of Zagreb - provides an overview of important facts and statistical data on the City of Zagreb and the rate of change in comparison with the previous year and 2011.



Statistical Atlas of City Districts of the City of Zagreb - provides up-to-date data on city districts in the form of interactive indicators, charts and maps. Available on the website of the City of Zagreb.

More information available on website:



_			
	CITY OF ZAGREB CITY OFFICE FOR ECONOMY, ENVIRONMENTAL SUSTAINABILIT AND STRATEGIC PLANNING		
		_	
	<u> </u>		
	<u> </u>		
-			
		•	
_ -			