# G URE



CITY OF ZAGREB

CITY OFFICE FOR ECONOMY, ENVIRONMENTAL SUSTAINABILITY AND STRATEGIC PLANNING

#### **Publisher**

CITY OF ZAGREB
City Office for Economy, Environmental
Sustainability and Strategic Planning
Sector for Strategic Information and Research
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#### For the publisher

Tatjana Operta, Head of Office

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#### **ZAGREB IN FIGURES 2021**

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

You are presented with the fourth edition of the statistical publication which provides data and facts about our city in an interesting and reader-friendly way.

Its aim is to provide users with interesting and concise data in a comprehensive way through innovative illustrations and graphical presentations. The publication contains selected key indicators and historical facts about the City of Zagreb and offers an insight into the current situation and developments with regard to the population and society, economy, environment and natural resources. It contains the following seven chapters: Population, Geographical and Climate Data, Culture and Entertainment, Education, Economy, Transport, Politics and Public Administration, as well as an overview of the history of the City of Zagreb.

The indicators in the publication mostly refer to statistical data for 2020, which was very challenging for all of us due to the COVID-19 pandemic and which brought changes in our living and working habits which also reflected on statistical indicators.

Due to the implementation of epidemiological measures in 2020, the number of tourist overnight stays decreased by 70.4% compared to 2019, which is also a consequence of the 73.1% decrease in the number of passengers at Franjo Tuđman International Airport compared to 2019. Due to the closing of cultural institutions in 2020, the number of visitors decreased and the number of theatregoers decreased by 41.5% compared to 2019.

However, Zagreb is recognized as a city comfortable to live in and, in the last decade, its population has grown by approximately 21 thousand, so it has around 809 thousand inhabitants. The population is growing at a moderate pace, primarily due to positive migration trends. On average, the City of Zagreb has 39 immigrants and 22 live births per day. The most common names of children born in 2020 were Mia and Luka. The number of students attending secondary school has increased, and the city's vibrancy is increased by more than 75,000 students enrolled in our universities.

Regardless of these times of crisis, I believe that Zagreb will continue to develop as an attractive destination for life, business and entertainment, and that this publication will be interesting and useful for you both in professional and everyday life.

Tatjana Operta, LLM

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

 $\rm km^2$ 

square kilometer

#### **ABBREVATIONS**

°C	degree Celsius	m	meter
CBS	Croatian Bureau	m²	square meter
	of Statistics	mln	million
CEFTA	Central European Free Trade	mm	milimeter
	Agreement	MUP	Ministry of the Interior
СО	City Office	MZLZ	Zagreb International
COEESSP	City Office for		Airport
	Economy, Environmental	NSK	National and
	Sustainability and	NSK	National and University
	Strategic Planning		Library in Zagreb
d. o. o.	limited liability	OPEC	Organization of the
	company (LLC)		Petroleum Exporting Countries
d.d.	joint stock company		Countries
DHMZ	Croatian	PMF	Faculty of Science
	Meteorological	ppl/ha	people per hectare
	and Hydrological Service	ppi/iiu	people per neotare
	OCI VICC	r	radius
EFTA	European Free		
21 12	Trade Association	SRC	sports and recreation
EU	European Union		center
FER	Faculty of Electrical	thsnd	thousand
	Engineering and Computing	TVZ	Zagreb University of
	Computing		Applied Sciences
GDP	gross domestic	1104	Heiter I Otester e f
OD!	product	USA	United States of America
GZ	City of Zagreb		
		ZET	Zagreb Electric Tram
ha	hectare	ZH	Zagreb Holding
HV	Croatian water	Z00	Zagreb Zoo
	management company		3
HZZ	Croatian Employment	SYMBOLS	
	Service		
HŽPP	Croatian Railways	%	percentage
	Passenger Transport	1)	footnote mark
		<	less than
km	kilometer	≤	less than or equal to

more than or equal to

# **CONTENTS**

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# GEOGRAPHICAL AND CLIMATE DATA

#### **HEIGHT ABOVE SEA LEVEL**



1035 m

158 m

122 M Zrinjevac

SOURCE: PMF, Department of Geography



#### SMALLEST CITY DISTRICT

# **Donji Grad** 301.6 ha 4.7% of the total population of

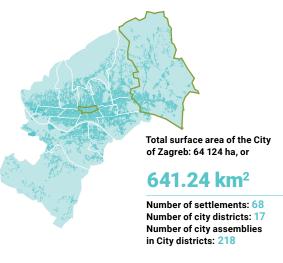
4.7% of the total population of the City of Zagreb lives on an area of 0.5% of the City's total surface area.



#### LARGEST CITY DISTRICT

#### **Sesvete** 16 524.5 ha

8.9% 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

#### NATURAL ASSETS, 2020



#### Nature park Medvednica

8 438.12 ha

(total surface area 17 936 ha)

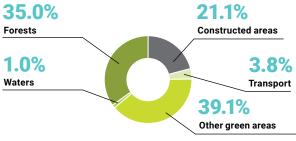
- 7 special nature reserves of forest vegetation within Medvednica Nature Park
   773.12 ha
- Maksimir Park356.21 ha
- 3 distinctive landscapes823.56 ha



Sava River29 km(total length 945 km)

SOURCE: HV. the Ministry of Economy and Sustainable Development

#### **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

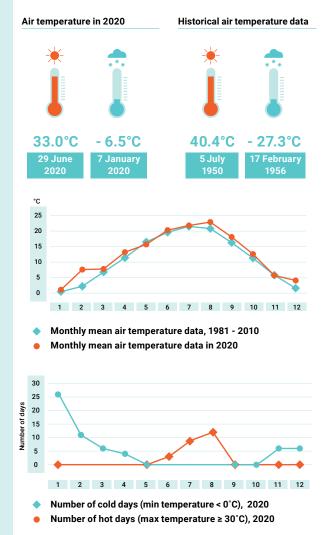
Smallest share in green areas on the total surface area of the city district

SOURCE: Urban Atlas, 2018;

DATA PROCESSED BY: COEESSP, Department for Spatial Information and Research

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

The highest average monthly air temperature in 2020 was in August and it equaled 22.9°C.



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

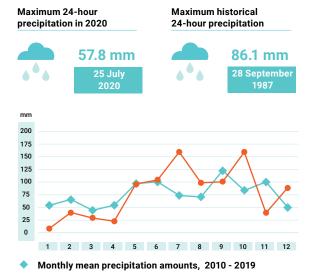
<sup>1)</sup> Data according to the measuring of the Meteorological and Aeorological Observatory Zagreb-Maksimir.

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



- Average monthly precipitation, mm, 2020
- Absolute minimum air temperature, 2020
- Absolute maximum air temperature, 2020

#### PRECIPITATION1)



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

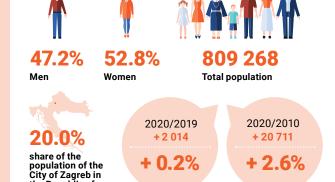
Precipitation amounts by months in 2020

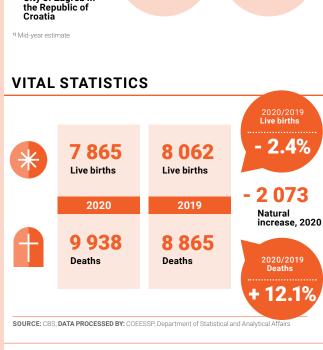
<sup>1)</sup> Data according to the measuring of the Meteorological and Aeorological Observatory Zagreb-Maksimir.

#### **POPULATION**

 In mid-2020, Zagreb had a population of over 809 thousand, or one fifth of the total population of the Republic of Croatia.

#### WHO LIVED IN ZAGREB IN 2020?1)





#### MARRIAGES, 2020



2 861 Marriages - **24.9**%

2020



**1 145** Divorces

2020/2019

# WHAT HAPPENED DAILY ON AVERAGE IN THE CITY OF ZAGREB IN 2020?



38.8 Immigrants



34.4 Emigrants



21.5



7.8
Marriages



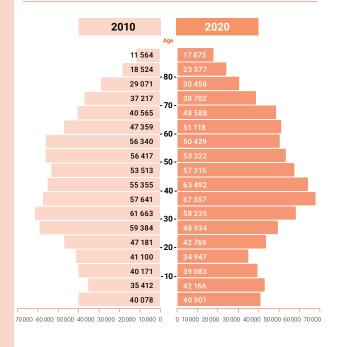
**27.2**Deaths



3.1 Divorces

#### **AGE STRUCTURE**

Population of the City of Zagreb, by age, 2010 and 2020



40.6 Average age of men, 2020

Life expectancy of men, 2020 Average age of women, 2020

Life expectancy of women,

2020



15.1%

<15 years (of total population, 2020)



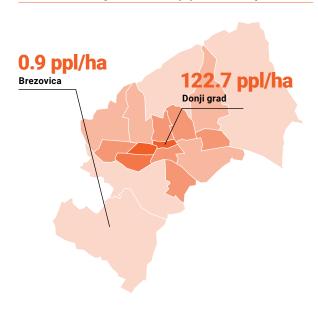
**19.7%** 

65+ years (of total population, 2020)

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

#### **POPULATION DENSITY, 2011 CENSUS**

Districts with the highest and lowest population density



# City of Zagreb 12.3 ppl/ha

### Total population per km<sup>2</sup> in 2011

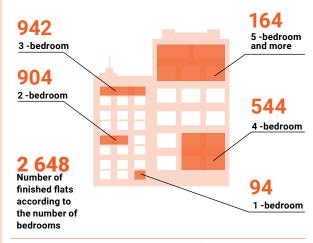
- up to 1000
- 1000-3000
- 9 3000-6000
- 6000-9000
- over 9 000

27 m<sup>2</sup>
Average floor surface

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

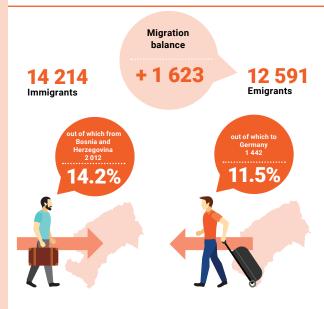


# APARTMENTS ACCORDING TO THE NUMBER OF BEDROOMS, 2020



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

#### MIGRATIONS, 2020



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

# POPULATION IN EUROPEAN CITIES

	2020	2020/2010
Vienna	1 911 191	+ 13.1%
Budapest	1 750 216	+ 1.7%
Prague	1 324 277	+ 6.0%
Zagreb	809 268	+ 2.6%
Bratislava	437 726	+ 1.5%
Ljubljana	295 504	+ 5.7%
Sarajevo	274 970	- 11.5%

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



31.1

Average age of mother at first live birth in 2020



32.0

Average age of bride in 2020



34.4

Average age of groom in 20120

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

# MOST FREQUENT NAMES FOR NEWBORNS, 2020



- 2. Lucija (150)
- 3. Nika (134)
- 4. Sara (126)
- 5. Ema (124)

290 Luka



- 2. David (179)
- 3. Jakov (162)
- 4. Petar (153)
- 5. Ivan (145)

SOURCE: CO for General Administration and Property and Legal Affairs

# CULTURE AND ENTERTAINMENT

 Due to the COVID-19 disease in 2020, the number of theatregoers decreased by 41.5% compared to 2019.

#### **ATTENDANCE**



731 294

Theatres, 2020





1 214 885 Museums, 2018

10 306 275 Libraries, 2020

CINEMAS, 2020



8 6 4 3

TICKET

Cinemas

Screens

Cooto

Attendance

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

#### CHILDREN'S PLAYGROUNDS AND PARKS, 2020



I A

/ OO
Playgrounds

40 Parks

SOURCE: ZH, subsidiary Zrinjevac

#### **SPORTS, 2020**

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



Sports centers

SOURCE: CO for Education, Sport and Youth

#### Z00, 2020



Individual animals







2020/2016 +0.8%



SOURCE: Zagreb Zoo; DATA PROCESSED BY: COEESSP, Department of Statistical and Analytical

#### **BOTANICAL GARDEN OF THE FACULTY** OF SCIENCE



Surface area



SOURCE: Botanical garden Faculty of Science

#### **CITY GARDENS, 2020**





Number of users of garden allotments

#### **EDUCATION**











Ratio of the number of educators/teachers and children in kindergartens (beginning of 2020/2021)

The ratio of the number of teachers and students in primary schools (beginning of 2020/2021)

The ratio of the number of teachers and students in secondary schools (beginning of 2020/2021)

#### KINDERGARTENS, 2020/2021



Total number of children

compared to 2019/2020

Out of the total number of children enrolled in kindergartens in 2020/2021, 64% of children up to 5 years of age attended kindergarten

#### **EDUCATIONAL INSTITUTIONS, 2020/2021**





Kindergartens

Basic schools

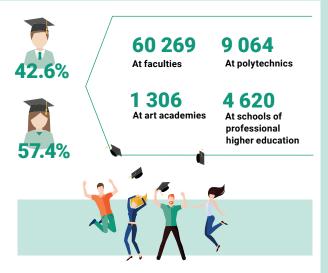
Upper secondary schools

**Higher education** institutions

#### PUPILS/STUDENTS - ENROLLED IN '20/'21

Basic schools	61 044
Grammar schools	14 148
Technical and related schools	14 824
Industrial and crafts schools	4 371
Secondary art schools	1 578
Upper secondary schools for students with developmental difficulties	404
Higher education institutions	75 259

#### STUDENTS — enrolled in 2020/2021



#### Students enrolled

5 higher education institutions with the highest number of enrolled students (2020/2021)

- 1. Faculty of Economics 6 531
- 2. Faculty of Humanities and Social Sciences 6 148
- 3. Faculty of Law 4860
- 4. TVZ 4 332
- University of Applied Health Sciences in Zagreb 4 140

#### **Graduates**

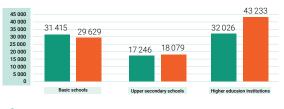
5 higher education institutions with the highest number of graduates (2020)

- 1. Faculty of Humanities
- 2. FER 1 039
- 3. University of Applied Health
  Sciences in Zagreb 998

and Social Sciences 1 238

- 4. PMF 886
- 5. TVZ 739

#### **ENROLLED IN THE 2020/2021 SCHOOL/ACADEMIC YEAR**



MenWomen

#### **ECONOMY**

#### NOMINAL GROSS DOMESTIC PRODUCT, 2018



**Zagreb** 170 882 kuna GDP per capita



Croatia 92 389 kuna GDP per capita

#### **GROSS VALUE ADDED, 2018**



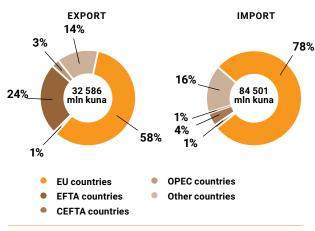
108 546 316 681 mln kuna mln kuna

City of Zagreb

Republic of Croatia

SOURCE: CBS

#### **FOREIGN TRADE IN GOODS, 2020**



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

#### EXPORT, 2020

#### 32 586 mln kuna

TOP 3 COUNTRIES		
Bosnia and Herzegovina	13.7 %	
Slovenia	11.5%	
Germany	9.3 %	

#### IMPORT, 2020

#### 84 501 mln kuna

TOP 3 COUNTRIES	
Germany	14.7 %
Slovenia	12.1 %
Hungary	9.1 %

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

#### TOURISM, 2020

#### **TOURIST OVERNIGHT STAYS**



#### **69.2**%

Foreign tourist nights

#### 780.1 thsnd.

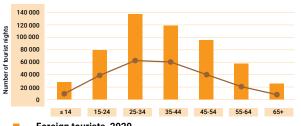




#### 30.8%

Domestic tourist

#### TOURIST OVERNIGHT STAYS ACCORDING TO AGE GROUPS



- Foreign tourists, 2020
- Domestic tourists, 2020

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

#### TOP 3 COUNTRIES WITH MOST OVERNIGHT STAYS, 2020





2020/2019



#### TOURIST NIGHTS BY ACCOMMODATION ESTABLISHMENTS, 2020

50.1%

2020/2019

**7.8% 42.1%** 

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, 2020**

Hotels

Hostels



SOURCE: CBS

#### EMPLOYMENT AND UNEMPLOYMENT, STATUS AS OF 31 MARCH 2020

#### PERSONS IN EMPLOYMENT



UNEMPLOYED PERSONS

Women 217 678 Men 219 968 Women 8 400

Men 8 248

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

### EMPLOYMENT AND UNEMPLOYMENT, STATUS AS OF 31 MARCH 2020

437 646

16 648



### EMPLOYED PERSONS BY NATIONAL CLASSIFICATION OF ACTIVITIES (NACE), STATUS AS ON 31 MARCH 2020



76 284

Wholesale and retail trade; repair of motor vehicles and motorcycles



45 098

Manufacturing



37 265

Professional, scientific, and technical activities



34 574

Public administration and defence; compulsory social security



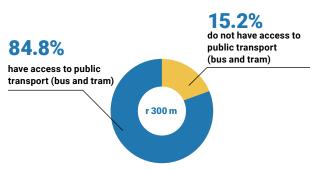
33 770

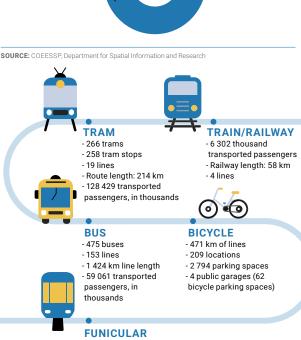
Human health and social work activities

#### **TRANSPORT**

 The implementation of epidemiological measures aimed at preventing the spread of COVID-19 in 2020 directly affected the decline in the number of passengers at Franjo Tuđman International Airport by 73.1% compared to 2019.

#### **CITY TRANSPORT, 2020**





- 1 line
- 0.06 km of track
- 391 transported passengers, in thousands



#### 2870

Number of taxis (status as of 1 July 2021)



#### 341 825

Number of registered passenger cars (31 December 2020)

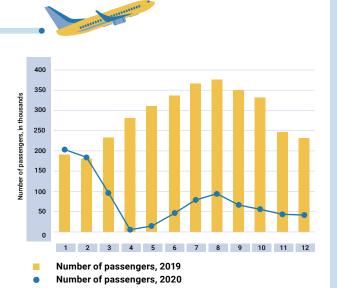


#### 6

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, 2019 AND 2020



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

# 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 2020)

TOTAL Women Men
3 231 2 070 1161

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 Igor Peternel, PhD

#### **GENDER DISTRIBUTION**

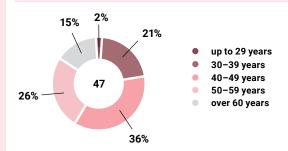
36%

City Assembly members, female (17)

54%

City Assembly members, male (30)

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



<sup>1)</sup> Data with the status as of 30 September 2021

**SOURCE:** City Assembly General Secretariat

#### **BUDGET EXPENDITURES, 2020**







31.7% Education



16.3% Health care



12.2% Services relative to improvements in housing and community



10.7% Economic affairs



9.0% Recreation, culture and religion



8.8% Social protection



8.3% General public services



1.8% Environmental protection



2% 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

Opening of the first permanent theatre in Zagreb.

#### 1827

Oppening of Jägerhorn, the first hotel in Zagreb.



Zagreb, by joining all its settlements, becomes a single administrative unit.

#### 1857

**First Population** Census (16 657

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





inhabitants).

#### 1901

First car on the City streets.

First telephone call in Zagreb.



1881

#### 1909

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

#### 1910

First electric tram put into service.

#### 1925

Founding of the Zagreb Z00.





35th Eurovision competition takes place.

#### 1987

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





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

#### 1995

Opening of the new building of the NSK.





# 1557 First mention of grand levels (the beginning of higher education)

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

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





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

1669

1864 First road and railway bridge (Podsused). 1876 Opening of the Mirogoj Cemetery.



1880 Severe earthquake strikes the City in November. 1877 First electric lighting.

1926 1928 1929

First radio station City bathing broadcasting, also resort built of a city

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

City bathing resort built on the Sava riverbank.

1964

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

1956

Tram lines cross

the Sava River.

1966 First flower show.

Raging flood strikes Zagreb.

statistical

office.





2007

Opening of the Homeland Bridge. 2009 Opening of Arena Zagreb. 2014

New building of Zagreb Academy of Music opened. 2017

Opening of the new International Zagreb Airpor Franio Tuđma 2020

5.5 magnitude earthquake, 22 March 2020



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



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 to the effects of COVID-19 on socio-economic indicators 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.



Urban indicators of the City of Zagreb and European cities provide useful analyses and methodologically harmonised data on life in individual Croatian cities and European capitals, with focus on the City of Zagreb.



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:



