

Barcelona 2020 Impact of Covid-19

Analysis Department Municipal Data Office

May 2021

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01 The city of Barcelona: profile



POPULATION & AREA

One of the main Europe's metropolitan areas

POPULATION & AREA (1/4)

Barcelona is Catalonia capital.

With an area of 100 Km² and 1,6 million inhabitants, it is one of the densest cities in Europe.

Barcelona represents **0.3% of the territory of Catalonia** but concentrates **21.4% of the Catalan population.**

2020	Population	Area (km²)	Density (inhab/km²)
Barcelona	1,664,182	102	16,315
Metropolitan area	3,339,279	636	5,250
Catalonia	7,780,479	32,108	242
Spain	47,450,795	505,944	94





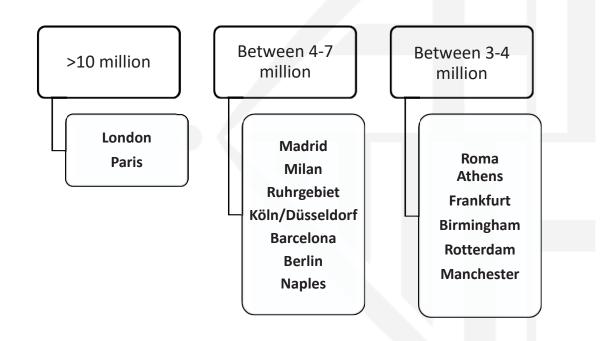
Source: INE and Dept.Of Statistics and Dissemination of Data, AB. Annual

POPULATION & AREA (2/4)



The city **is the central nucleus of Barcelona Metropolitan Region**, a region among the first 10 European urban agglomerations **regarding population and employment.**

EUROPEAN METROPOLIS ACCORDING TO POPULATION

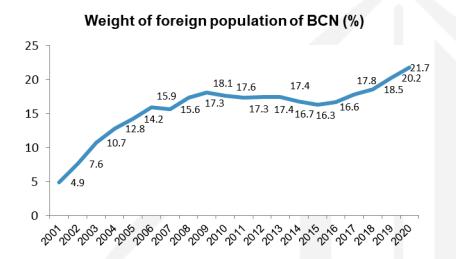


Source: <u>www.citypopulation.de</u>.Year 2021

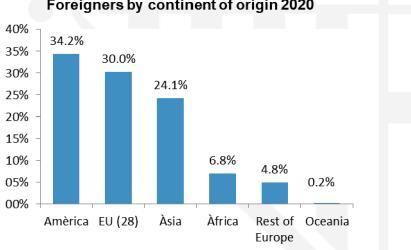
POPULATION & AREA (3/4)

Foreign population of Barcelona account for **21.7%** of the total, with a growing tendency since 2015.

Barcelona foreign population is highly diverse, with more than 150 nationalities.







7

Foreigners by continent of origin 2020

Source: Dpt. Estadística and Dissemination of Data, AB.

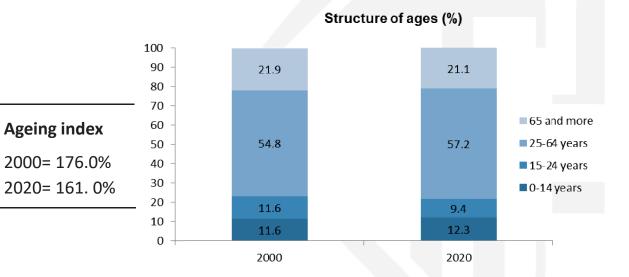
POPULATION & AREA (4/4)



Sourde:INE, Dept. Of Statistics and Dissemination of Data.

Barcelona has experienced a certain **rejuvenation of the population** due to the influx of migratory flows at the beginning of the century, increasing the weight of the population under 14 years.

The ageing index (over-65s over under-14s) has fallen ten points in twenty years.





DIVERSIFIED ECONOMY

Economic engine, City of services

Hit by the pandemic and the measures to stop it as well

DIVERSIFIED ECONOMY (1/6)

Barcelona generates 31% of Catalonia GDP and employs 33% of the workers.

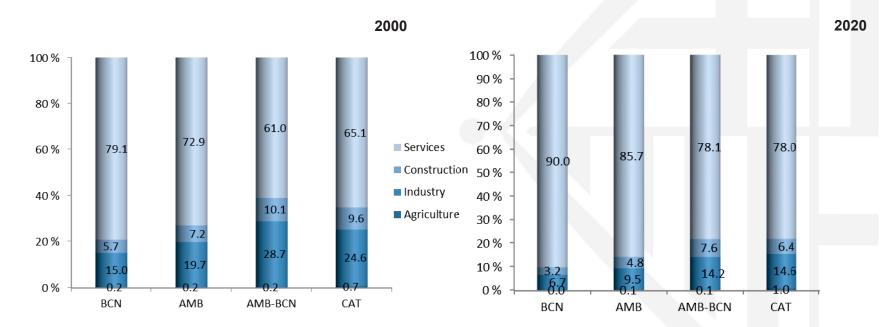
The GDP of the city is 47% higher than the Catalonia average whereas in terms of per capita income, it is 22% higher.

E	Barcelona	Catalonia	% DONICAT
		Outaionna	% BCN/CAT
GPD (Million €)	78,817.6	250,596.6	31.5
GPD per capita (Thousand €)	48.5	32.9	147.3
Income (Thousand €)	33,785.3	129,395.9	26
Income per capita (Thousand €)	21.0	17.2	122
Income= Gross disposable household income. 2017 E	Data		
GPD= Gross domestic product. 2018 Data			
Employed*	1,096,654	3,334,589	33%

Source: Idescat and INSS

DIVERSIFIED ECONOMY (2/6)

Barcelona, like other large cities, is a **city of services**, sector which employs 90% of the occupied workers. The **weight of the industry** has decreased (from 15% in 2000 down to 6.7% in 2020) and construction remains at a lower weight than other economies in the surrounding area.

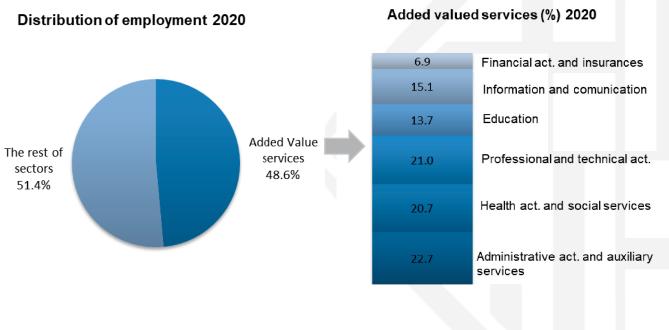


Source: INSS, general regimes and self-employed.

DIVERSIFIED ECONOMY (3/6)



The value-added services have been increasing its weight and represents nearly half of the employment of the city.

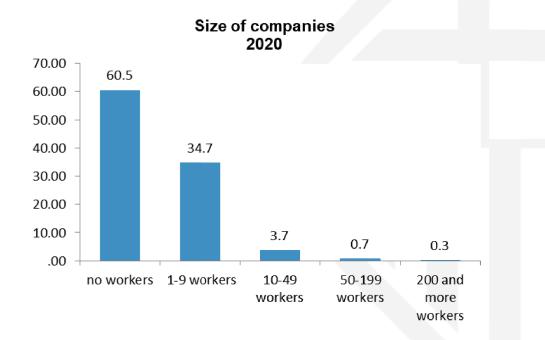


Source: INSS, general regimes and self-employed.

DIVERSIFIED ECONOMY (4/6)



The **business fabric of the city** is made of small and medium-sized businesses, 95% have less than 10 workers, a very similar structure to overall Catalonia.

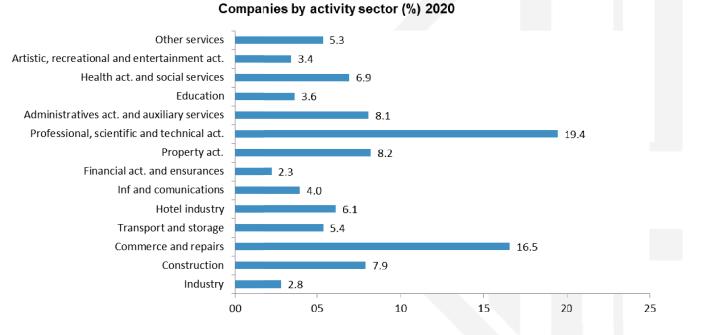


Source DIRCE –INE, Dept. Of Statistics and Dissemination of Data. AB

DIVERSIFIED ECONOMY (5/6)



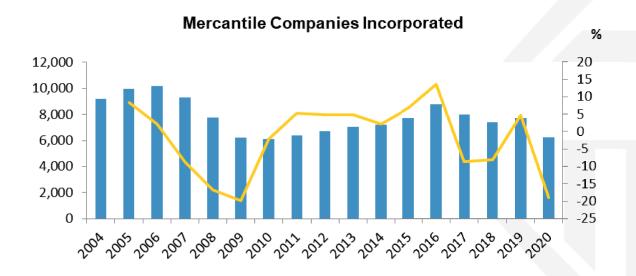
Predominance of companies from the service sector, standing out the weight of **professional, scientific and technical activities (19.4%)** and of the **commerce and repairs (16.5%).**



Source: DIRCE –INE, Dept. of Statistics and Dissemination of Data.

DIVERSIFIED ECONOMY (6/6)

The health and economic crisis has impacted the business world, with a fall of **-0.19% fall** in the number of mercantile companies incorporated in 2020, the lowest value in the last ten years.



Source: INE, Dept. Of Statistics and Dissemination of Data, AB.



LABOUR MARKET AND EDUCATIONAL LEVEL

Competitive labour cost and educational level with international projection

Strong impact of the crisis on the labor market but less intense than in 2008 due to the extraordinary measures implemented (ERTE and other financial support)

LABOUR MARKET AND EDUCATIONAL LEVEL (1/4)

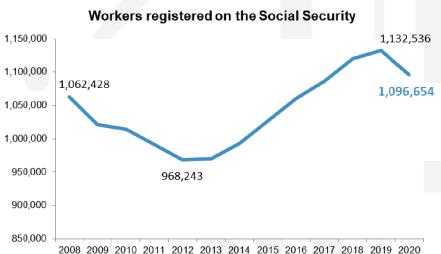


Barcelona records rates of activity and employment higher than the Catalan and Spanish average.

The number of workers registered at the Social 1,150,000 Security has decreased in 2020 breaking the growing tendency since 1,050,000 2013 but still exceeding one million workers.

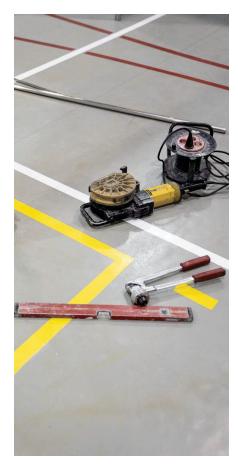
Rate of activity, employment und unemployment 16-64 years old

IVT/2020	Rate of activity	Rate of employment	Rate of unemployment		
Barcelona	79.1%	69.1%	12.6%		
Catalonia	77.9%	67.0%	13.9%		
Spain	74.4%	62.3%	16.1%		



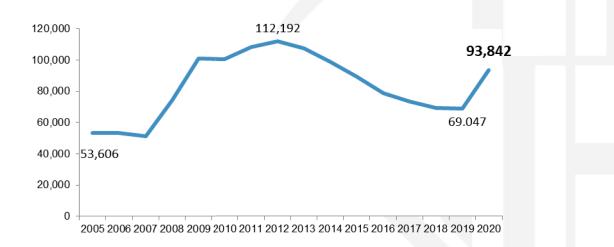
Source: EPA, INSS, Dept. Of Statistics and Dissemination of Data, AB.

LABOUR MARKET AND EDUCATIONAL LEVEL (2/4)



The number of unemployed people has risen after seven years of decline. At the end of 2020 there were **93,842** people unemployed, 36% more than at the end of 2019. The **rate of registered unemployment is 12.6%** and has grown more than 4 points in the last year, but remains lower than in Catalonia and Spain.

Employment contracts have decreased by 45% and temporary jobs weight is still high (83.5% of new contracts).



Registered Unemployment

Source: Dept. of Enterprise and Employment (GC), Dept. of Statistics, AB.

LABOUR MARKET AND EDUCATIONAL LEVEL (3/4)

However, in terms of salaries and labour costs, Barcelona is a **competitive city in the international context**.

Barcelonasalarylevel ranks30th intheUBSbankranking among77cities.

According to IESE *Cities in Motion index 2020,* Barcelona is in the 46th position in level of human capital quality among 174 cities worldwide.

Source: UBS Prices and Earnings Around the Globe 2018, IESE Cities in Motion Index 2020

LABOUR MARKET AND EDUCATIONAL LEVEL (4/4)



Barcelona has a qualified human capital and an internationally recognised offer of universities, business schools and masters degrees.

Best European business schools:

^{4th} IESE 12th ESADE

According to Financial Times

UB among the best 200 universities in the world UAB among the best 300 UPF among the best 400

> Jiao Tong de Shangai University

5 public universities and 3 private universities.

226.448 university students (54% women).

33,4% of the population over 16 years old with higher education

Source: Financial Times. Academic Ranking of World Universities University Jiao Tong of Shangai, QS World University Rankings. of Catalonia.



AN OPEN CITY TO THE WORLD

First province in terms of exports

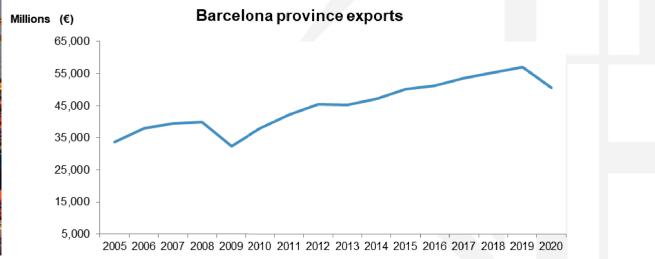
Experiencing the consequences of restrictions on international mobility

AN OPEN CITY TO THE WORLD (1/2)



Despite falling exports in 2020 (-11.2%) after a whole decade up, Barcelona represents almost a fifth of all Spanish exports (19.4%). The chemical sector, automotive and capital goods are the main exportation activities, and jointly represent 63% of Barcelona foreign sales.

After Brexit, 58% of the total is exported to the EU27 and most of the sales (41%) are focused on 4 countries: France, Germany, Italy and Portugal, but United Kingdom remains the fifth largest destination.

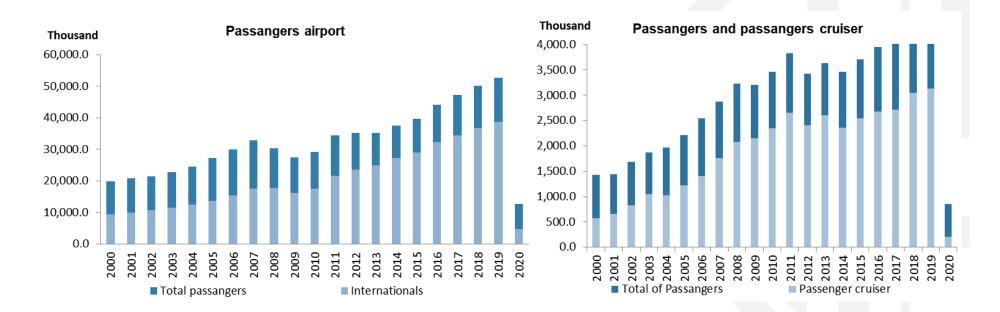


Source: Secretary of State for Trade; Ministry of Economy and competitiveness

AN OPEN CITY TO THE WORLD (2/2)

In 2020 **12.8 million passengers** passed through the Barcelona airport, quite far from the historical maximum of 2019. The most pronounced decrease has been that in international traffic.

Cruise ships were not operational as of mid-March, and **the number of passengers** in 2020 has been below 200 thousand people.



Source: AENA, Port de Barcelona.



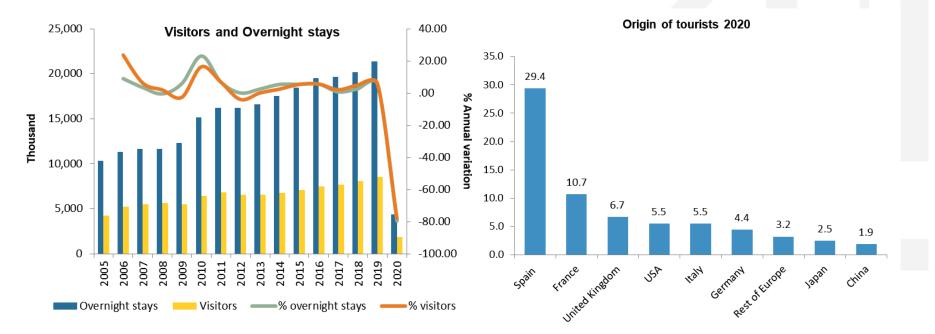
A REFERENT IN TOURISM AND TRADE FAIRS AND CONGRESSES CITY

Centre of attraction of tourists and business visitors

That has been interrupted by the health crisis

A REFERENT IN TOURISM AND TRADE FAIRS AND CONGRESSES CITY (1/2)

Barcelona is **one of the main destinations for urban tourism in Europe** and a focus of attraction for tourists and business visitors but restrictions on mobility have reduced them to **1.8 million visitors during 2020, with a sharp decline in international visitors (-81%).**

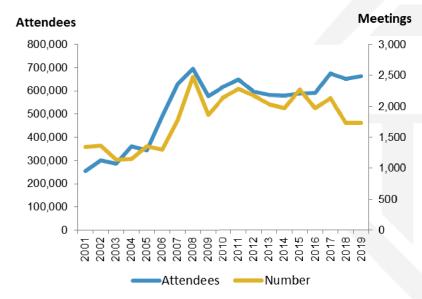


Source: Turisme de Barcelona and INE.

A REFERENT IN TOURISM AND TRADE FAIRS AND CONGRESSES CITY (2/2)



Up to 2019 Barcelona was the fourth city in the world holding international meetings. 73% of meetings were international.



Meetings held & delegates attending

Source: International Congress & Convention Association. Turisme de Barcelona



INTERNATIONAL POSITIONING

Increasingly present in rankings. Winning positions.

INTERNATIONAL POSITIONING (1/2)



Innovation and sustainability capacity

Source: Index IESE Cities in Motion, IESE Center for Globalization and Strategy

INTERNATIONAL POSITIONING (2/2)



Among the top 10 most attractive cities in the World in digital talent Decoding Global Talent 2021, Boston Consulting Group Among the 25 worlwide cities

with best global competitiveness

Global Power City Index 2020, The Mori Memorial Foundation

8th city among 25 European technological cities TNW Tech Cities of the future 20/21. Financial Times ID

4th city in innovation in Europe and 21st in the World

Innovation Cities [™] Index, 2thinknow

Barcelona ranks 43 among the 231 cities with best quality of life

Mercer Quality of Living Survey 2019

14th position as Europe's Technology Hub in relation to Venture Capital funds

Tech Nation Report 2021

16th European city to attract investment in technological startups and 5th in transactions figures The State of European Tech 2020, Atomico Capital Risk

49th city among 109 Smart Cities

Smart City Index, 2020. IMD Business School

Source: Reputation Institute, Mercer, ICCA and others.





A QUALITY OF LIFE MODEL

Committed to the environment

A QUALITY OF LIFE MODEL (1/6)



Barcelona offers cultural, educational, and environmental elements, among others, that define it as a city with quality of life.

39 municipal food markets and 4 large non-food markets
4.8 Km of beaches
6.8 m² of green urban space per inhabitant 17.3 m² of green urban space per inhabitant including the Collserola Natural Park (1.680 ha in Barcelona).
82 parks and public gardens
235.000 trees in urban area
39.5% of of waste collected selectively

220,441 **'pink card' beneficiaries - transport for the elderly** 40 **social services centres,** with 88,375 people attended 92,197 with **remote care service**

Source: Mobility, Urban Ecology, Social Rights, AB.





Source: Institute of Culture

Cultural Equipment (2020)

40 public libraries 2.4 libraries / 100,000 inhab.

53 museums and big exhibition centers

54 theaters 3.3 theater / 100,000 inhab.

52 Community centers

11 Creation factories

163 cinema halls (2019 data) 9.8 halls / 100,000 inhab. (2019 data) **Cultural Public (2020)**

2.5 million visits to the libraries (6.7 in 2019)

2.5 million spectators of performing arts (2019 data)

168 festivals held in the city (2019 data)





Non-university educational infraestructure (2020)

102 municipal nursery schools

439 educational centres 58% public centres and 42% subsidized schools

5 municipal music schools

1 municipal conservatory

Non-university students (2020)

8,470 municipal nursery schools students 47% of nursery schools students

257,639 education centre students 43% in public schools

2,928 municipal conservatory and music schools students

Source: Education Consortium. Municipal Institute of Education, AB

A QUALITY OF LIFE MODEL (4/6)

Waste generation: from 1.4 kg per person per day in 2010 to 1.2 in 2020.

Water consumption: from 164.8 litters per person per day in 2010 to 153.8 in 2020.

Selectively waste collected: from 32.3% of total waste in 2009 to 39.5% in 2020.

Cycle lane: from 93.6 km in 2011 to 231 km in 2020.

2020 Carbon Disclosure Project CDP:

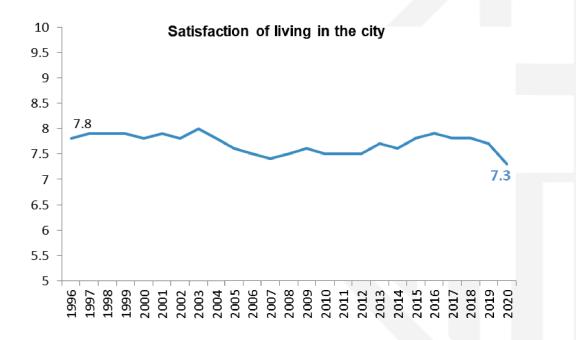
Barcelona among **the top 5 cities** of 33 European cities and 88th in the world with the best scores in efforts to reduce greenhouse gas emissions. **Green City Index:**

Barcelona is the **10th greenest city** in Europe among 30 major cities.

A QUALITY OF LIFE MODEL (5/6)



The **satisfaction of living in the city has fallen during 2020**, reflecting the pessimism and discomfort that the pandemic and restrictions have caused.



Source: Quality of City Survey – AB

A QUALITY OF LIFE MODEL (6/6)



The most highly rated municipal services are **fireman**, **public libraries**, **community centres**, **municipal markets**, **Tram service**, **waste collection**, **bus service**, **cultural activities and the Metro**.

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Fireman	-	-	-	-	-	-	-	-	-	-	8.3	8.1	8.2
Public libraries	7.0	7.3	7.5	7.5	7.6	7.6	7.5	7.8	7.8	7.9	8.0	7.9	7.7
Community centers	-	-	-	-	-	-	7.0	7.5	7.5	7.5	7.7	7.6	7.4
Municipal markets	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.3	7.3	7.3	7.5	7.5	7.4
Tram	-	-	-	-	-			-	-	7.2	7.5	7.3	7.3
Waste collection	6.7	6.8	7.0	7.0	7.3	7.4	7.3	7.3	7.5	7.4	7.5	7.4	7.1
Bus	6.4	6.4	6.6	6.8	6.6	6.9	6.7	7.1	6.9	7.0	7.3	7.2	7.1
Cultural activities	6.5	6.7	6.8	6.9	6.9	6.9	6.9	7.2	7.3	7.4	7.5	7.4	7.0
Metro	6.8	7.0	7.2	7.3	7.1	7.3	7.1	7.4	7.1	7.1	7.5	7.4	7.0
Popular festivities	6.5	6.6	6.7	6.7	6.8	6.9	6.9	7.2	7.2	7.3	7.3	7.3	6.9
Publiclighting	6.4	6.5	6.5	6.5	6.7	6.7	6.6	6.8	6.9	7.0	7.2	7.0	6.9
Bicing	6.2	5.8	5.8	6.0	6.1	5.9	6.0	6.3	6.0	6.2	6.2	6.7	6.7
Social services	6.1	6.1	6.2	5.8	5.9	6.1	6.1	6.6	6.6	6.8	7.0	6.8	6.6
Public sport facilities	6.0	6.0	5.9	6.1	6.1	6.3	6.2	6.3	6.4	6.4	6.6	6.6	6.5
Façades, buildings preservation	6.4	6.3	6.3	6.2	6.1	6.1	6.0	6.3	6.4	6.5	6.7	6.7	6.4
Green spaces	5.9	6.0	6.1	6.0	6.1	6.3	6.2	6.4	6.4	6.4	6.6	6.4	6.4
Citizen information services	6.3	6.3	6.5	6.4	6.6	6.7	6.7	6.9	6.8	7.0	7.1	7.0	6.3
Urban planning	6.1	6.0	6.3	6.2	6.1	6.2	6.2	6.4	6.5	6.4	6.7	6.6	6.3
Paved roads	6.1	6.0	6.1	6.0	5.9	5.9	5.9	6.2	6.2	6.3	6.5	6.3	6.2
Street cleaning	6.0	6.1	6.4	6.2	6.5	6.7	6.5	6.5	6.7	6.7	6.7	6.5	6.1
Local police	5.6	5.5	5.5	5.5	5.5	5.7	5.6	6.0	6.0	6.2	6.4	6.1	6.1
Citizen security (neighbourhoc	5.3	5.3	5.3	5.3	5.6	5.8	5.8	6.2	6.4	6.5	6.5	6.0	5.8
Noise	4.6	4.6	4.8	4.7	5.0	5.2	5.4	5.4	5.5	5.3	5.6	5.8	5.7
Traffic	4.4	4.6	4.6	4.8	5.2	5.4	5.2	5.3	5.2	5.1	5.5	5.4	5.5
Citizen security (city)	5.2	5.2	4.9	4.8	5.2	5.4	5.5	5.9	6.1	6.3	6.3	5.5	5.2
Parking	3.3	3.2	3.2	3.2	3.4	3.5	3.4	3.7	3.7	3.7	3.9	4.0	4.0

Source: Municipal Services Survey –AB.





Political and administrative organisation of the Barcelona City Council

Competences Framework Municipal services Municipal Government and executive structure Human Resources Territorial organisation



COMPETENCES FRAMEWORK

COMPETENCES FRAMEWORK (1/2)



The *Law of bases for local finance* (1985) establishes local administrations competences framework.

It determines the topics that are of local competence and defines a series of mandatory city council competences.



The *Municipal Charter of Barcelona* is the city special legal regime that regulates the organisation of the municipal government, the regulatory powers and the municipal competences.

Source: Law 22/1998 The Municipal Charter of Barcelona and Law 7/1985 regulator of bases of local regime.

COMPETENCES FRAMEWORK (2/2)



Security in public spaces

Vehicle traffic and people on the urban public thoroughfare ordinance Urban planning regulations, management, execution and discipline Housing promotion and management Historical-artistic heritage Provisions, slaughterhouses, fairs and defence of users and consumers Public health protection Social promotion and reintegration Cultural and sports activities and facilities Participation in the education planning Cooperation with the education administration in the creation, construction and sustaining of public educational centres Vigilance and compliance of the compulsory education

Source: Law 22/1998 The Municipal Charter of Barcelona and Law 7/1985 regulator of bases of local regime.



MUNICIPAL SERVICES

MUNICIPAL SERVICES: MANDATORY (1/2)



Public lighting Cemeteries Waste collection, street cleaning, waste treatment Drinking water provision and sewerage Access to the town centres Paving of the public thoroughfare Control of food and drinks Public parks Public libraries Markets Civil protection, prevention and fire extinguishing Social service provision Public sports facilities Collective urban passenger transport Environmental protection

Source: Law 22/1998 The Municipal Charter of Barcelona and Law 7/1985 regulator of bases of local regime

TOTAL MUNICIPAL SERVICES (2/2)







MUNICIPAL GOVERNMENT AND EXECUTIVE STRUCTURE

MUNICIPAL GOVERNMENT AND EXECUTIVE STRUCTURE (1/4)



MUNICIPAL GOVERNMENT

Municipal Council: 41 councillors (19 women and 22 men)

Plenary Commissions: 4 government areas

Government Commission: 18 Councillors

Mayor's Office

MUNICIPAL GOVERNMENT AND EXECUTIVE STRUCTURE (2/4)

6 Deputy Mayor Offices, half occupied by woman

MUNICIPAL GOVERNMENT : AREAS OF GOVERNMENT

Economy, Work, Competitiveness and Treasury

Ecology, Urban Planning, Infrastructures and Mobility

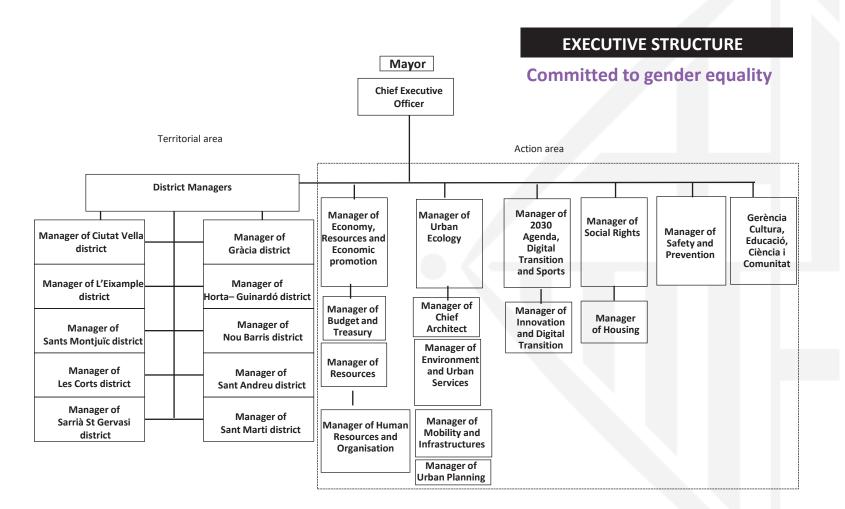
2030 Agenda, Digital Transition, Sports and Territorial and Metropolitan coordination

Social Rights, Global Justice, Feminism and LGBT

Prevention and Security

Culture, Education, Science and Community

MUNICIPAL GOVERNMENT AND EXECUTIVE STRUCTURE (3/4)



MUNICIPAL GOVERNMENT AND EXECUTIVE STRUCTURE (4/4)



MANAGEMENT ENTITIES WITH INDEPENDENT LEGAL STATUS

City Council Group

Barcelona City Council 5 se	ectors and 10 districts
Local Autonomous bodies	8
Public-owned corporate entities	5
Trading companies	13
Consortiums and Foundations	20



HUMAN RESOURCES

HUMAN RESOURCES



Staff of Barcelona City Council group

	2020	%
City Council	7,000	47.2
Local Autonomous bodies	3,460	23.3
Public- owned corporated entities	1,564	10.5
Trading companies	2,820	19.0
TOTAL MUNICIPAL GROUP	14,844	100

47 50 45 40 35 30 23 25 19 20 15 11 10 05 00 City Council Local Autonomous Entrepreneurial Mercantile organisations public entities companies

> Analysis Department Municipal Data Office

The 49% are women



TERRITORIAL ORGANISATION

ORGANITZACIÓ TERRITORIAL

10 districts

73 neighbourhoods



Analysis Department Municipal Data Office

The city is made up of:

03 Economic-financial situation of the Barcelona City Council

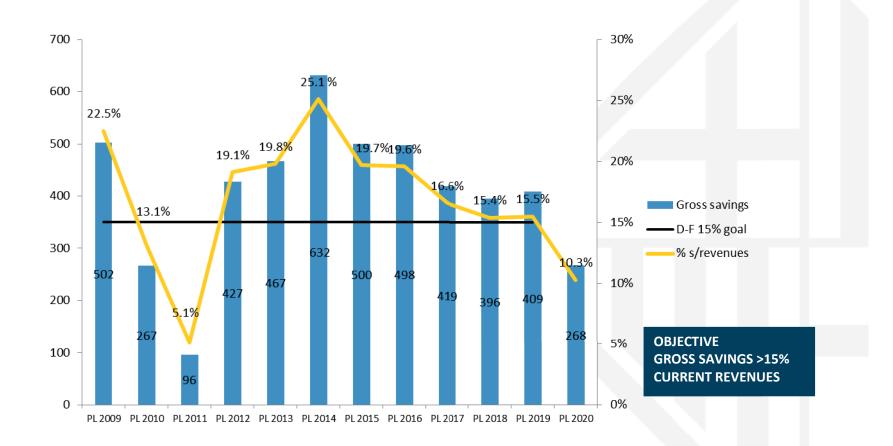
Budget settlement 2020

FINANCIAL OBJECTIVES 2012-2020

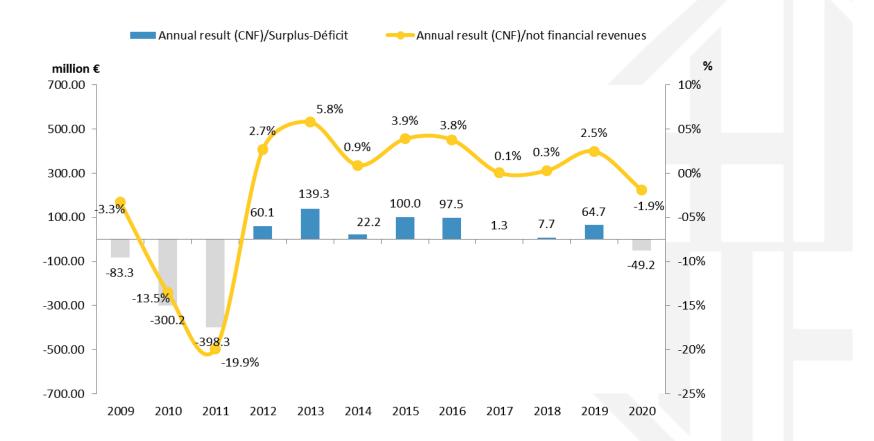


DEFICIT GROSS SAVINGS Zero >15% Current revenues Current revenues DEBT <60%</td> Current revenues 30 days

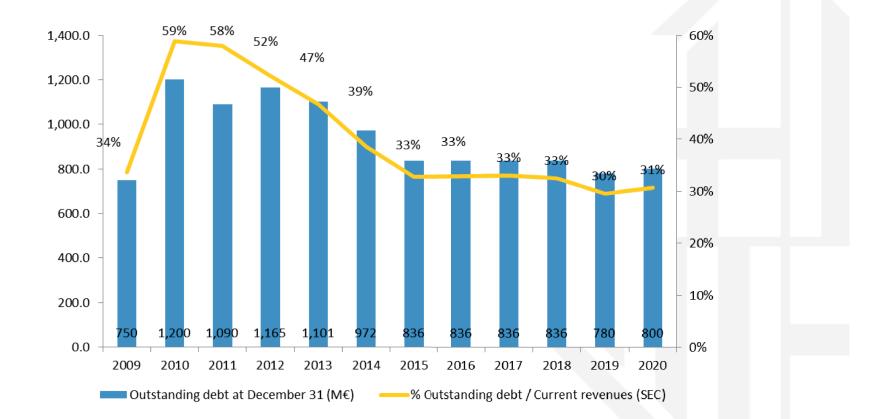
GROSS SAVINGS



EVOLUTION OF CAPACITY / NEED FOR FINANCING



DEBT EVOLUTION



SUPPLIERS PAYMENT TERM

