



Routes for the observation of Catalonia's Self-determination Referendum on October 1st, 2017

Routes' definition

With the aim to facilitate the follow-up of Catalonia's Self-determination Referendum on October 1st by members of the European Free Alliance, two routes have been defined in order to visit several ballot stations all over Barcelona. Each route includes nine different neighbourhoods and covers the practical totality of the city districts.

The selection of the neighbourhoods of each of the two routes has been done trying to show the socio-economic and ideological diversity of the city of Barcelona and trying to make them representative of the national reality of Catalonia.

The criteria of selection of these neighbourhoods is based on the analysis of three variables that explain the degree of mobilisation and support of the Catalan population to the referendum:

- The electoral support to independentist formations
- The available family income
- The percentage of population born in Catalonia

Neighbourhoods Classification

According to the combination of the diverse values taken by these three variables, 9 different typologies of neighbourhoods representative of the group have been defined:

Grup	Support to independence	Available family rent	Population born in Catalonia
A	▲ High	▲ High	▲ +63%
B	▲ High	▲ High	▼ -58%
C	▲ High	▼ Low	▲ +63%
D	▶ Moderate	▲ High	▲ +63%
E	▶ Moderate	▲ High	▼ -58%
F	▶ Moderate	▼ Low	▲ +63%
G	▼ Low	▶ Moderate	▶ 58% - 62%
H	▼ Low	▼ Low	▼ -58%
I	▼ Low	▼ Low	▲ +63%

The definition of the model-type of neighbourhoods combines zones with a high, moderate and low support to independentist formations, zones with a high, moderate and low family income, and zones with varied percentages of population born in Catalonia. Out of the combination of all these variables, a classification of the neighbourhoods in 9 groups has arisen.

For each route, a neighbourhood corresponding to each category has been chosen, trying to cover, besides, the greatest possible number of districts.

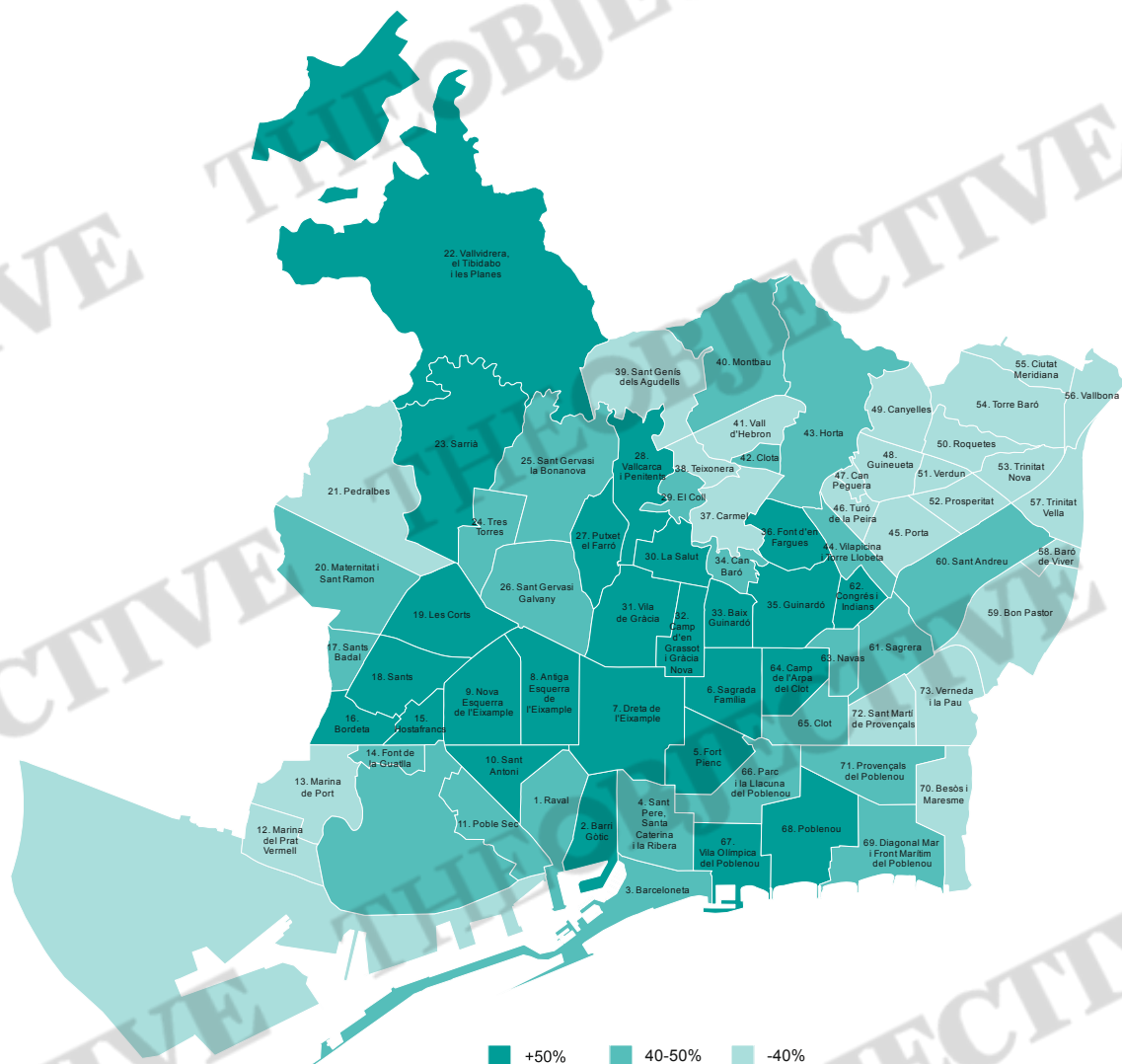


Territorial analysis of the variables

Support to Catalonia's independence

The calculation of the support to independence in neighbourhoods has been obtained by adding the percentage of vote that received the independentist formations (Together for the Yes and CUP) in each neighbourhood, in the last election to the Catalan Parliament, hold on September 27th, 2015. In the whole of the city, the independentist formations gathered 47,1% of the votes.

Map 1. Percentage of vot of the independentist formations. 2015 Elections

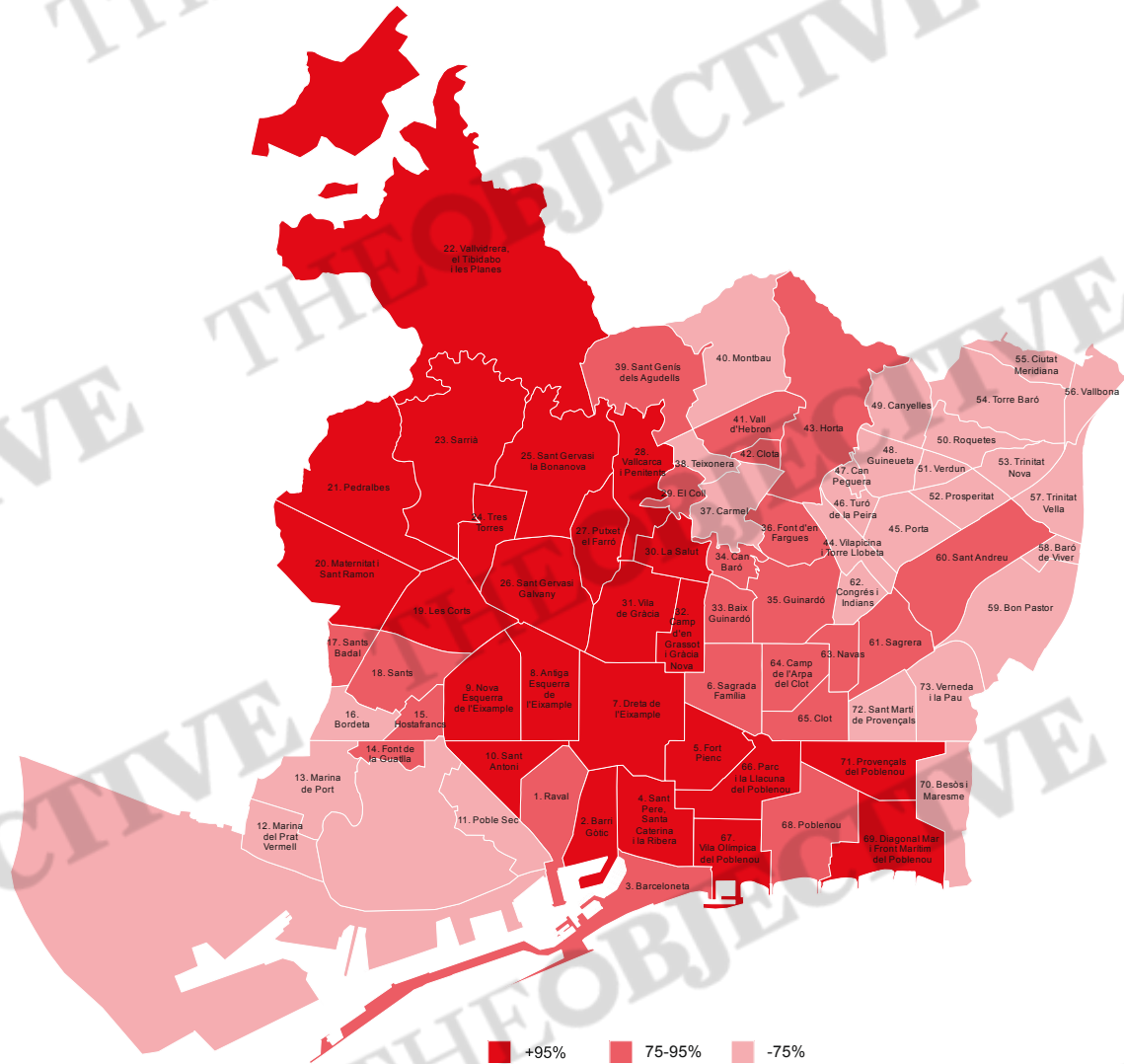




Available family rent

To know the income distribution by neighbourhoods, the available family income index has been used, considering 100 the average family income in the whole city of Barcelona.

Map 2. Territorial distribution of family income in Barcelona. Year 2015

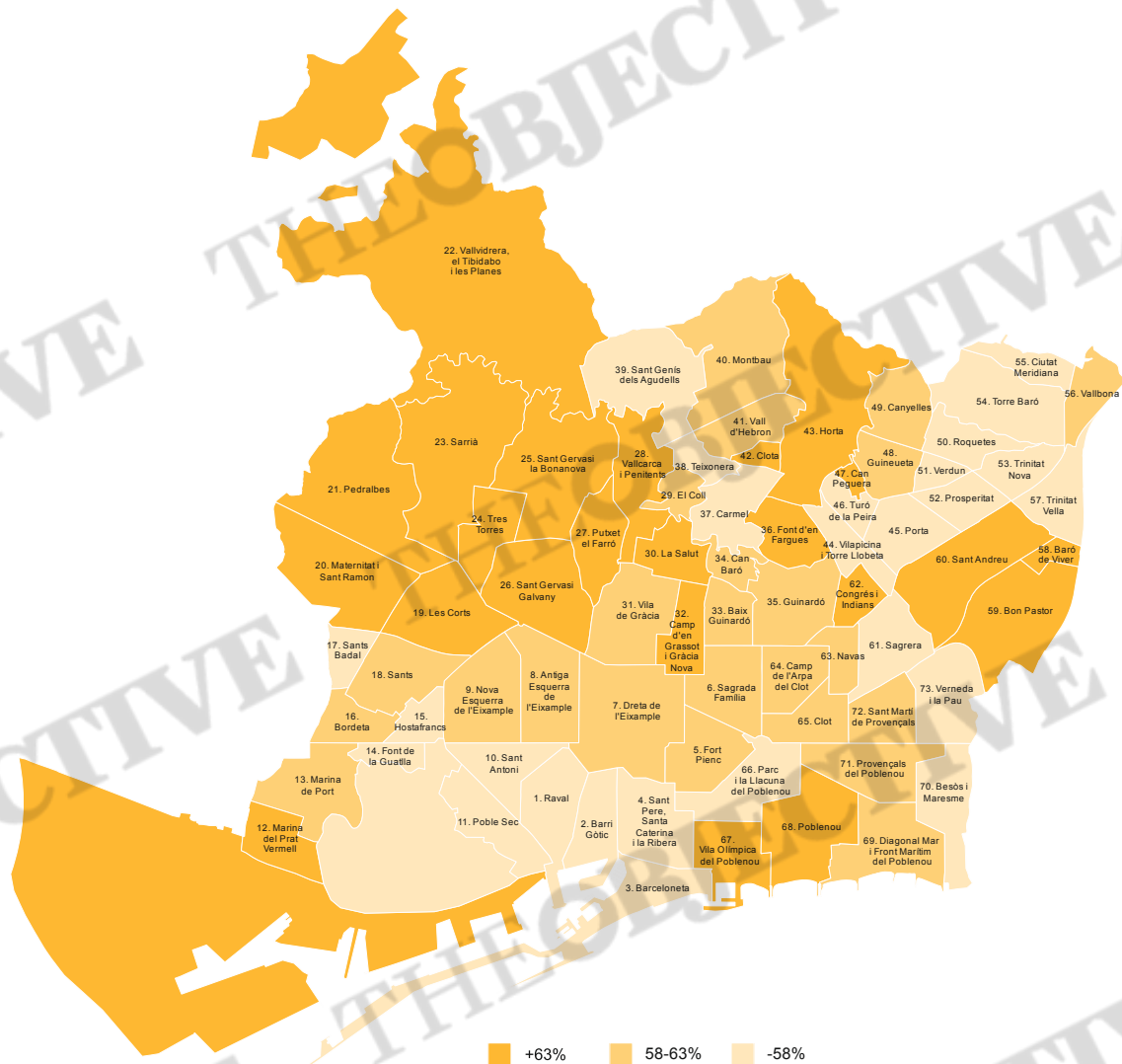




Population born in Catalonia

The population born in Catalonia on the total resident population in each neighbourhood determines the percentage of population born in Catalonia and, for extension, the percentage of population born in other countries or other territories of Spain. In the city of Barcelona, 59,5% of its inhabitants have been born in Catalonia.

Map 3. Percentage of population born in Catalonia in each neighbourhood. Official figures of population by January 1st, 2016.

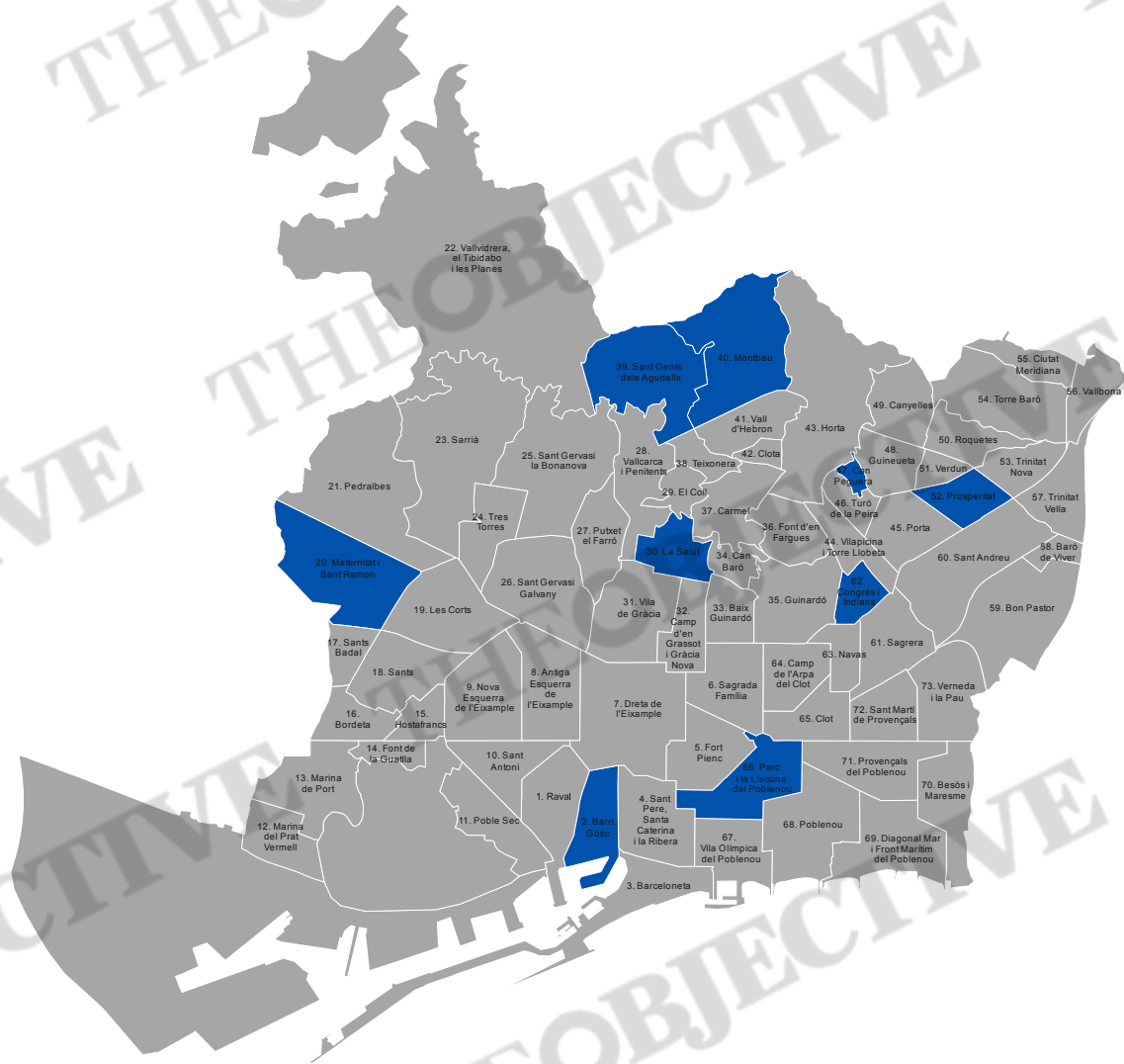




Neighbourhoods Selection

Route 1

Map 4. Neighbourhoods selected by Route 1

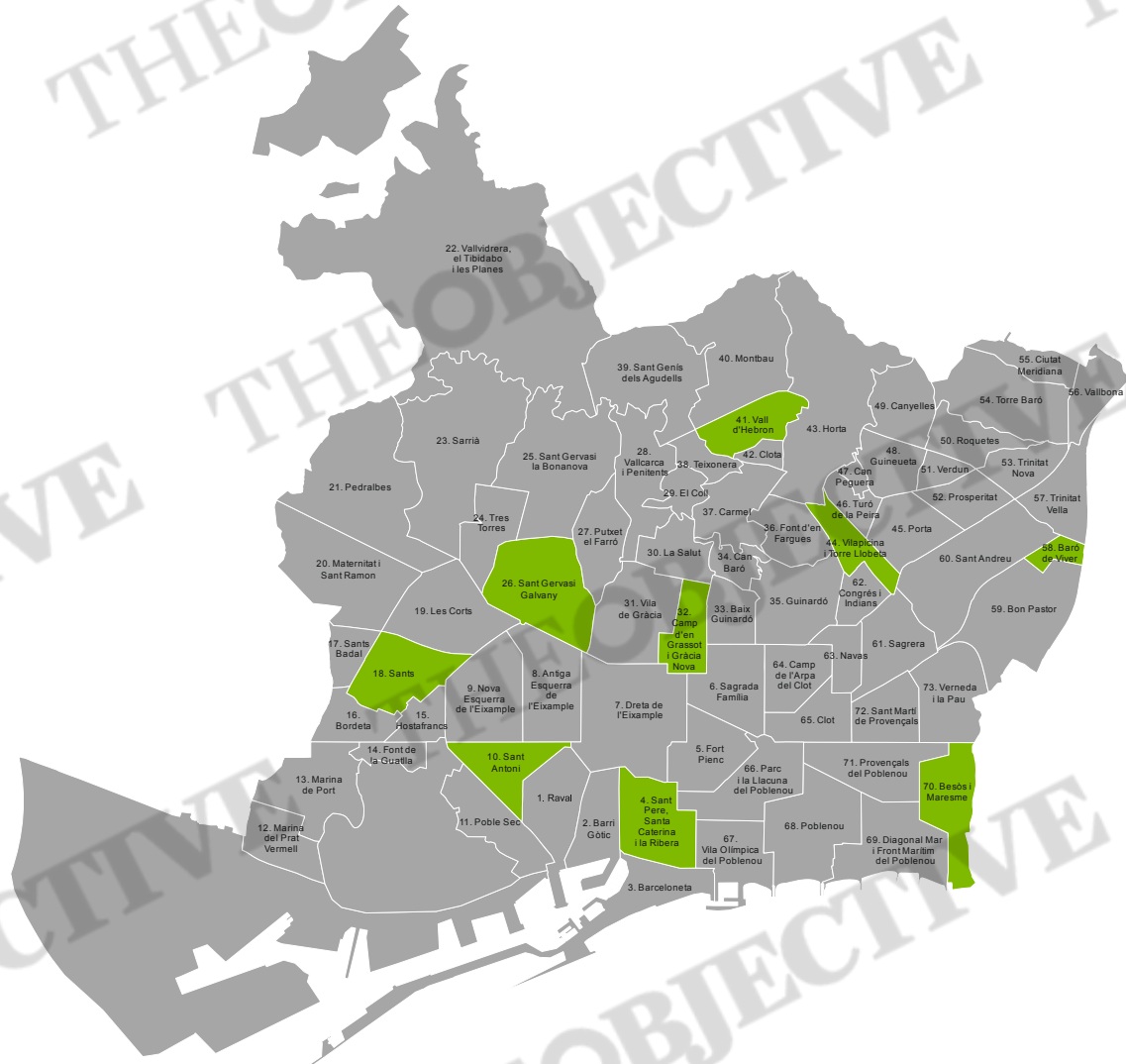


<i>Neighbourhood</i>	<i>% vot indep.</i>	<i>Income fam. avail.</i>	<i>% pop. born CAT</i>	<i>Grup</i>
2. Barri Gòtic	▲ 51,5%	▲ 108,5	▼ 36,5%	B
20. Maternitat i Sant Ramon	▶ 47,1%	▲ 109,9	▲ 63,8%	D
34. La Salut	▲ 59,7%	▲ 114,4	▲ 67,7%	A
39. Sant Genís dels Agudells	▼ 36,7%	▶ 93,5	▼ 55,4%	G
40. Montbau	▶ 44,7%	▼ 72,3	▶ 62,6%	F
47. Can Peguera	▼ 33,8%	▼ 51,1	▲ 70,7%	I
52. Prosperitat	▼ 24,0%	▼ 54,0	▼ 51,3%	H
62. Congrés i Indians	▲ 51,4%	▼ 70,1	▲ 63,5%	C
66. Parc i la Llacuna del Poblenou	▶ 47,7%	▲ 96,8	▼ 55,4%	E



Route 2

Map 5. Neighbourhoods selected by Route 2



Neighbourhood	% vot indep.	Income fam. avail.	% pop. born CAT	Grup
4. Sant Pere, Santa Caterina i la Ribera	▶ 47,0%	▲ 96,4	▼ 38,9%	E
10. Sant Antoni	▲ 56,4%	▲ 98,6	▶ 57,8%	B
18. Sants	▲ 57,1%	▶ 88,2	▶ 61,8%	C
26. Sant Gervasi - Galvany	▶ 46,2%	▲ 205,1	▲ 72,4%	D
32. Camp d'en Grassot i Gràcia Nova	▲ 61,0%	▲ 103,0	▲ 67,1%	A
41. Vall d'Hebron	▼ 36,4%	▶ 92,6	▶ 60,2%	G
44. Vilapicina i Torre Llobeta	▶ 40,1%	▼ 65,0	▼ 57,8%	F
58. Baró de Viver	▼ 27,4%	▼ 60,2	▲ 69,9%	I
70. Besòs i Maresme	▼ 27,0%	▼ 54,4	▼ 49,5%	H



Annex: Data of the three variables analysed, by neighbourhood

<i>Neighbourhood</i>	<i>% vot indep.</i>	<i>Income fam. avail.</i>	<i>% pop. born CAT</i>	<i>Grup</i>
BARCELONA	▶ 47,1%	▲ 100,0	▶ 59,5%	
Raval	▶ 41,4%	▶ 75,8	▼ 31,7%	
Barri Gòtic	▲ 51,5%	▲ 108,5	▼ 36,5%	B
Barceloneta	▶ 49,9%	▶ 76,6	▼ 47,9%	
Sant Pere, Santa Caterina i la Ribera	▶ 47,0%	▲ 96,4	▼ 38,9%	E
Fort Pienc	▲ 52,9%	▲ 104,8	▶ 58,1%	
Sagrada Família	▲ 55,3%	▶ 95,8	▶ 58,9%	
Dreta de l'Eixample	▲ 56,8%	▲ 165,8	▶ 61,6%	
Antiga Esquerra de l'Eixample	▲ 54,8%	▲ 128,9	▶ 60,2%	
Nova Esquerra de l'Eixample	▲ 54,4%	▲ 103,8	▶ 61,0%	
Sant Antoni	▲ 56,4%	▲ 98,6	▶ 57,8%	B
Poble Sec - AEI Parc Montjuïc	▶ 49,1%	▶ 74,3	▼ 47,6%	
Marina del Prat Vermell - AEI Zona Franca	▼ 22,2%	▼ 36,9	▲ 76,9%	I
Marina de Port	▼ 30,6%	▼ 70,4	▶ 58,7%	
Font de la Guatlla	▶ 46,4%	▶ 83,2	▼ 54,0%	
Hostafrancs	▲ 53,8%	▶ 82,2	▼ 55,9%	
Bordeta	▲ 51,2%	▼ 74,3	▶ 62,0%	
Sants - Badal	▶ 47,3%	▶ 77,0	▼ 56,7%	
Sants	▲ 57,1%	▶ 88,2	▶ 61,8%	C
Les Corts	▲ 53,1%	▲ 124,5	▲ 68,1%	A
Maternitat i Sant Ramon	▶ 47,1%	▲ 109,9	▲ 63,8%	D
Pedralbes	▼ 39,3%	▲ 250,5	▲ 65,1%	
Vallvidrera, el Tibidabo i les Planes	▲ 63,6%	▲ 151,7	▲ 72,0%	A
Sarrià	▲ 54,1%	▲ 199,1	▲ 74,1%	A
Tres Torres	▶ 42,6%	▲ 214,1	▲ 75,7%	D
Sant Gervasi - la Bonanova	▶ 46,0%	▲ 188,9	▲ 74,3%	D
Sant Gervasi - Galvany	▶ 46,2%	▲ 205,1	▲ 72,4%	D
Putxet i el Farró	▲ 56,8%	▲ 141,0	▲ 70,2%	A
Vallcarca i Penitents	▲ 55,6%	▲ 111,2	▲ 65,6%	A
El Coll	▶ 50,9%	▶ 89,0	▶ 61,0%	
La Salut	▲ 59,7%	▲ 114,4	▲ 67,7%	A
Vila de Gràcia	▲ 63,4%	▲ 106,3	▶ 61,9%	
Camp d'en Grassot i Gràcia Nova	▲ 61,0%	▲ 103,0	▲ 67,1%	A
Baix Guinardó	▲ 53,9%	▶ 90,4	▲ 62,9%	
Can Baró	▶ 46,8%	▶ 88,1	▶ 61,2%	
Guinardó	▲ 53,1%	▶ 82,7	▲ 62,9%	
Font d'en Fargues	▲ 53,0%	▶ 95,2	▲ 72,3%	



<i>Neighbourhood</i>	<i>% vot indep.</i>	<i>Income fam. avail.</i>	<i>% pop. born CAT</i>	<i>Grup</i>
Carmel	▼ 25,0%	▼ 56,9	▼ 52,0%	H
Teixonera	▼ 28,6%	▶ 74,5	▼ 54,1%	
Sant Genís dels Agudells	▼ 36,7%	▶ 93,5	▼ 55,4%	G
Montbau	▶ 44,7%	▼ 72,3	▶ 62,6%	F
Vall d'Hebron	▼ 36,4%	▶ 92,6	▶ 60,2%	G
Clota	▶ 44,9%	▶ 89,3	▲ 67,9%	
Horta	▶ 46,1%	▶ 80,9	▲ 63,4%	
Vilapicina i Torre Llobeta	▶ 40,1%	▼ 65,0	▼ 57,8%	F
Porta	▼ 32,6%	▼ 61,4	▼ 53,4%	H
Turó de la Peira	▼ 32,4%	▼ 48,8	▼ 48,4%	H
Can Peguera	▼ 33,8%	▼ 51,1	▲ 70,7%	I
Guineueta	▼ 32,1%	▼ 55,9	▶ 60,2%	
Canyelles	▼ 24,1%	▼ 55,6	▶ 60,7%	
Roquetes	▼ 19,7%	▼ 47,8	▼ 49,7%	H
Verdun	▼ 23,7%	▼ 55,4	▼ 50,0%	H
Prosperitat	▼ 24,0%	▼ 54,0	▼ 51,3%	H
Trinitat Nova	▼ 26,1%	▼ 35,6	▼ 56,6%	H
Torre Baró	▼ 18,4%	▼ 47,1	▼ 56,0%	H
Ciutat Meridiana	▼ 15,3%	▼ 34,5	▼ 40,1%	H
Vallbona	▼ 23,7%	▼ 37,8	▶ 60,7%	
Trinitat Vella	▼ 21,2%	▼ 43,1	▼ 43,7%	H
Baró de Viver	▼ 27,4%	▼ 60,2	▲ 69,9%	I
Bon Pastor	▼ 31,8%	▼ 58,0	▲ 64,4%	I
Sant Andreu	▶ 46,6%	▶ 75,6	▲ 67,8%	
Sagrera	▶ 43,0%	▶ 76,8	▼ 57,7%	
Congrés i Indians	▲ 51,4%	▼ 70,1	▲ 63,5%	C
Navas	▶ 48,6%	▶ 85,8	▶ 61,0%	
Camp de l'Arpa del Clot	▲ 54,8%	▶ 78,7	▶ 60,8%	
Clot	▶ 47,4%	▶ 84,7	▶ 62,0%	
Parc i la Llacuna del Poblenou	▶ 47,7%	▲ 96,8	▼ 55,4%	E
Vila Olímpica del Poblenou	▲ 53,6%	▲ 150,2	▲ 63,5%	A
Poblenou	▲ 56,8%	▶ 95,6	▲ 65,2%	
Diagonal Mar i Front Marítim del Poblenou	▶ 45,2%	▲ 162,5	▶ 62,6%	
Besòs i Maresme	▼ 27,0%	▼ 54,4	▼ 49,5%	H
Provençals del Poblenou	▶ 41,9%	▲ 102,8	▶ 62,6%	
Sant Martí de Provençals	▼ 36,6%	▼ 68,3	▶ 59,9%	
Verneda i la Pau	▼ 26,6%	▼ 57,5	▼ 55,5%	H
BARCELONA	▶ 47,1%	▲ 100,0	▶ 59,5%	