



PRESCHOOL REGISTRATION IN BARCELONA

[LINK TO PROJECT IN CANVA](#)

A DATA STORYTELLING BY RITA PEREIRA

ALLWOMEN DA BOOTCAMP JAN 25 - DEMO DAY APRIL 10TH 2025






WHY AND HOW

WHY:

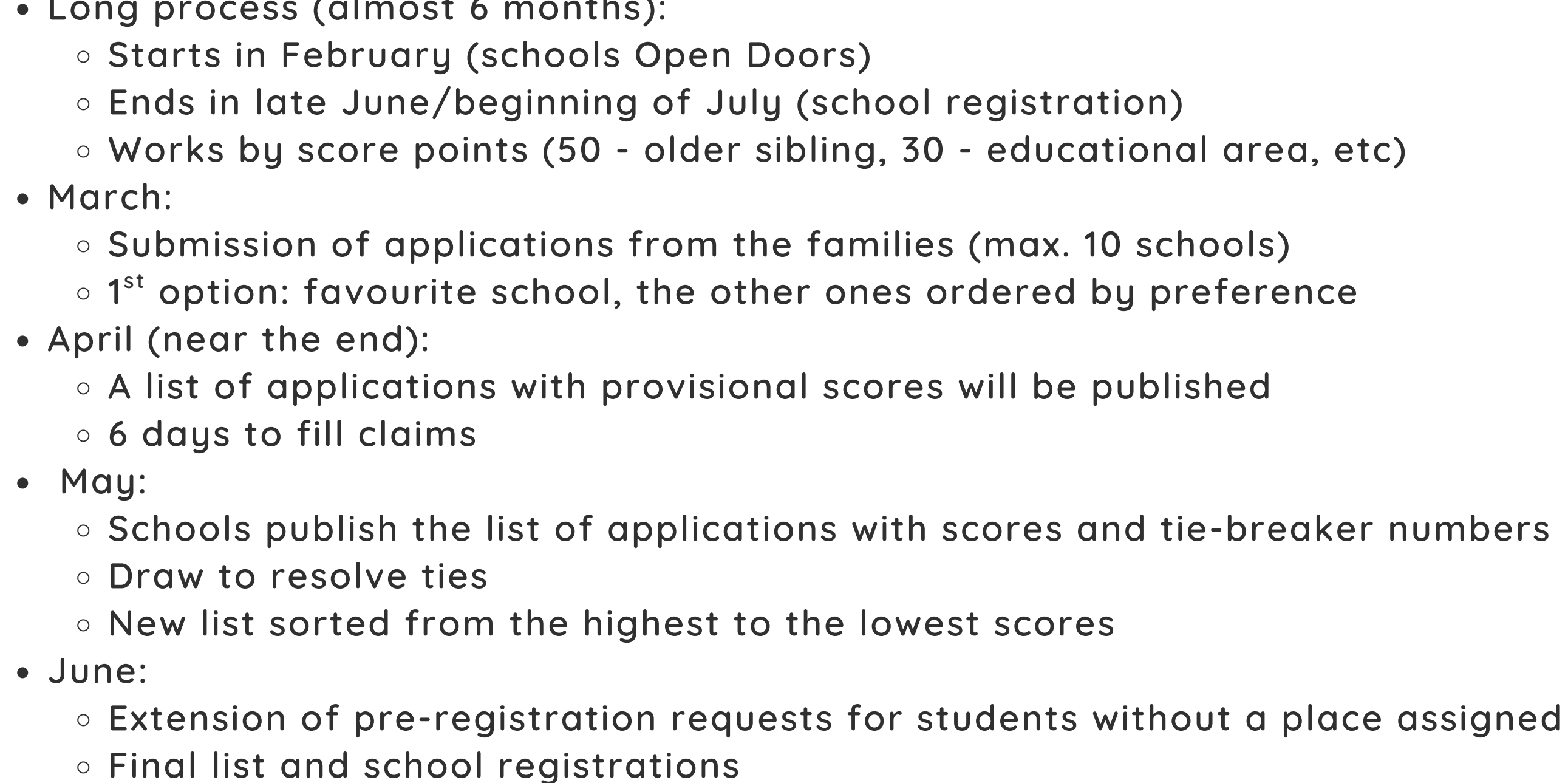
- 2025-2026: My son is going to start at preschool
- A decision for the next 9-13 years (Primary School or Secondary School)
- Help for other parents
- Out of curiosity

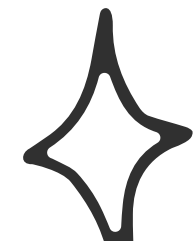
HOW:

- 3 datasets (Idescat and Dades Obertes Catalunya)
 - EDA and Storytelling with charts/plots
 - Tools: Jupyter Notebook and Python, Google Sheets, Flourish, and Canva
- 
- 
- 



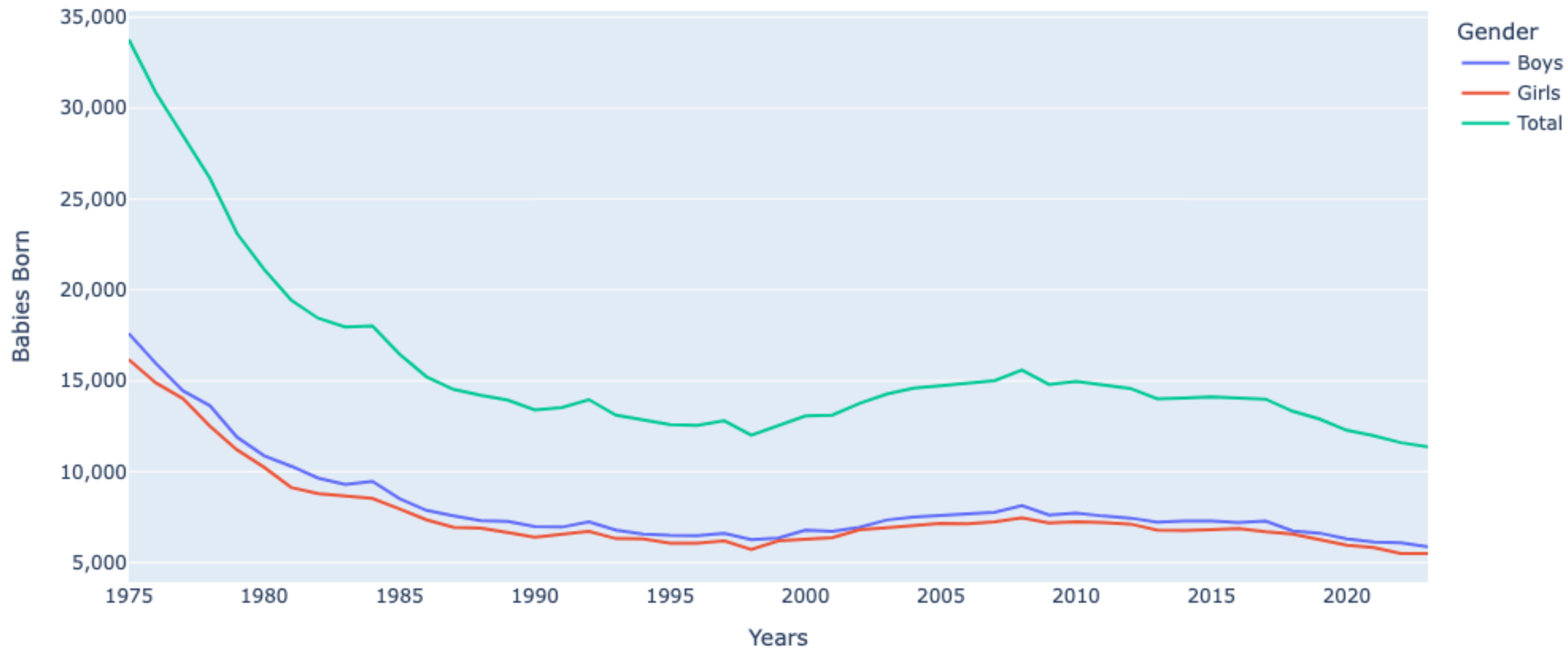
HOW THE SCHOOL'S PRE-REGISTRATION PROCESS WORKS

- Long process (almost 6 months):
 - Starts in February (schools Open Doors)
 - Ends in late June/beginning of July (school registration)
 - Works by score points (50 - older sibling, 30 - educational area, etc)
 - March:
 - Submission of applications from the families (max. 10 schools)
 - 1st option: favourite school, the other ones ordered by preference
 - April (near the end):
 - A list of applications with provisional scores will be published
 - 6 days to fill claims
 - May:
 - Schools publish the list of applications with scores and tie-breaker numbers
 - Draw to resolve ties
 - New list sorted from the highest to the lowest scores
 - June:
 - Extension of pre-registration requests for students without a place assigned
 - Final list and school registrations
- 



HAS THE BIRTH RATE DROPPED?

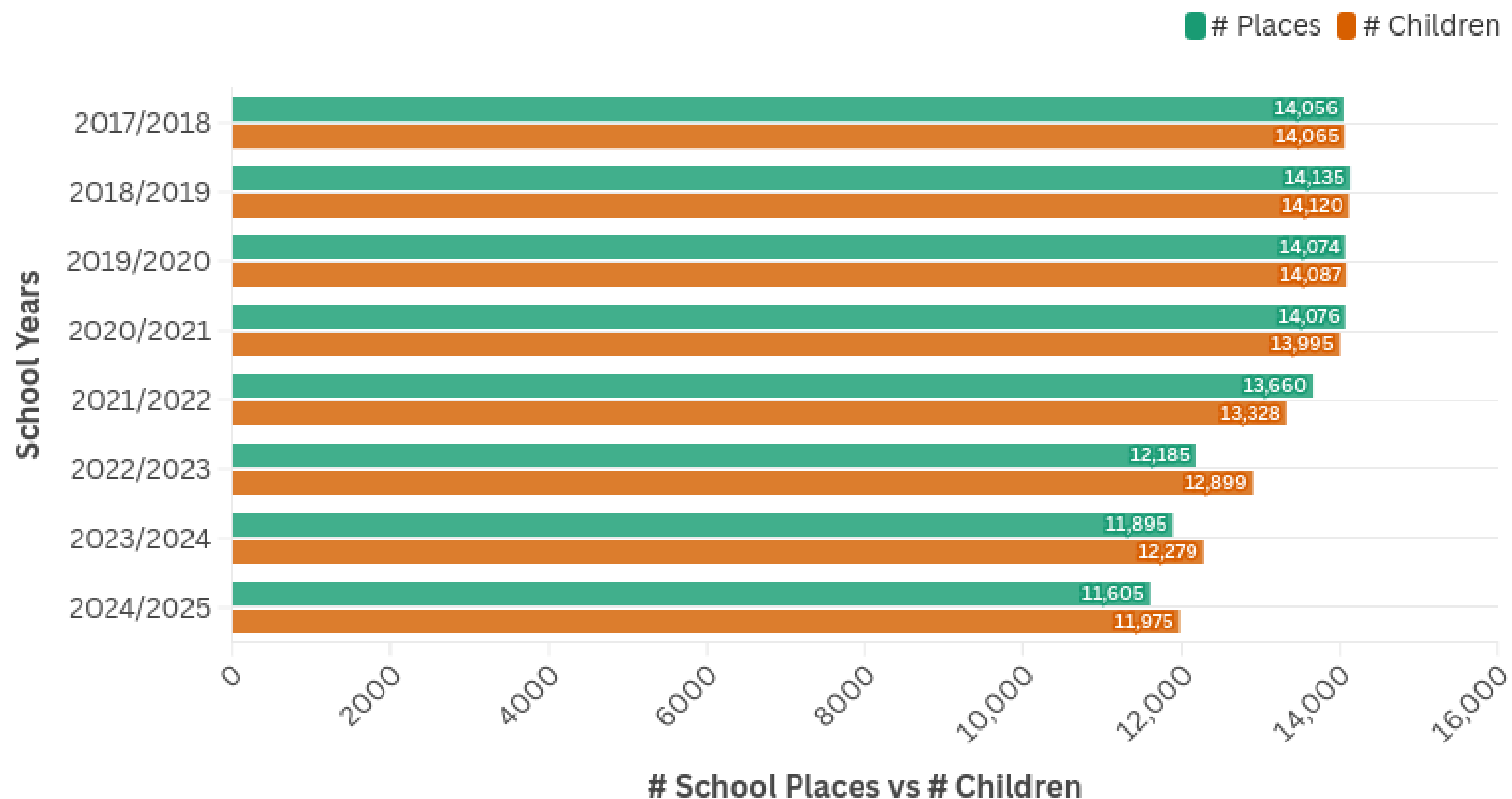
Births in Barcelona City Over the Years



- 1975 to 1985 decrease 50% ---> End of the Spanish Dictatorship and return of Women's fundamental rights;
- Since 1985, the birth rate has never gotten higher than 17.000;
- 2007-2010 got up - Spanish Government baby cheque of 2.500€
- In 2022, there were 19,9% fewer births than in the 2010-2020 average

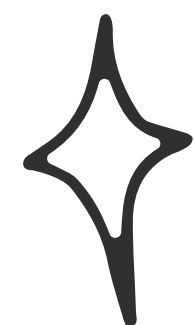
IS THERE ENOUGH PLACES FOR EVERY CHILD?

Preschool Places vs # Children



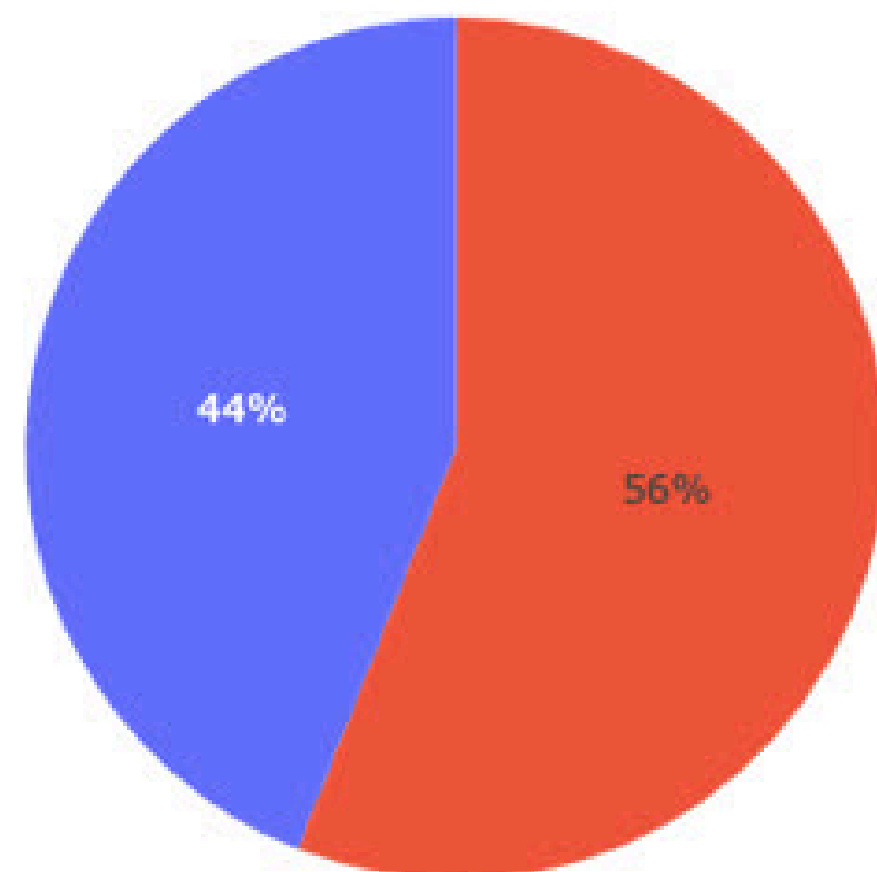
Fewer places are available than children who are eligible for the process.

Source: [Institut d'Estadística de Catalunya](#), [Dades Obertes Catalunya](#)



NUMBER OF SCHOOLS IN BARCELONA

Percentage of Public vs. Private Schools in 2015/2016

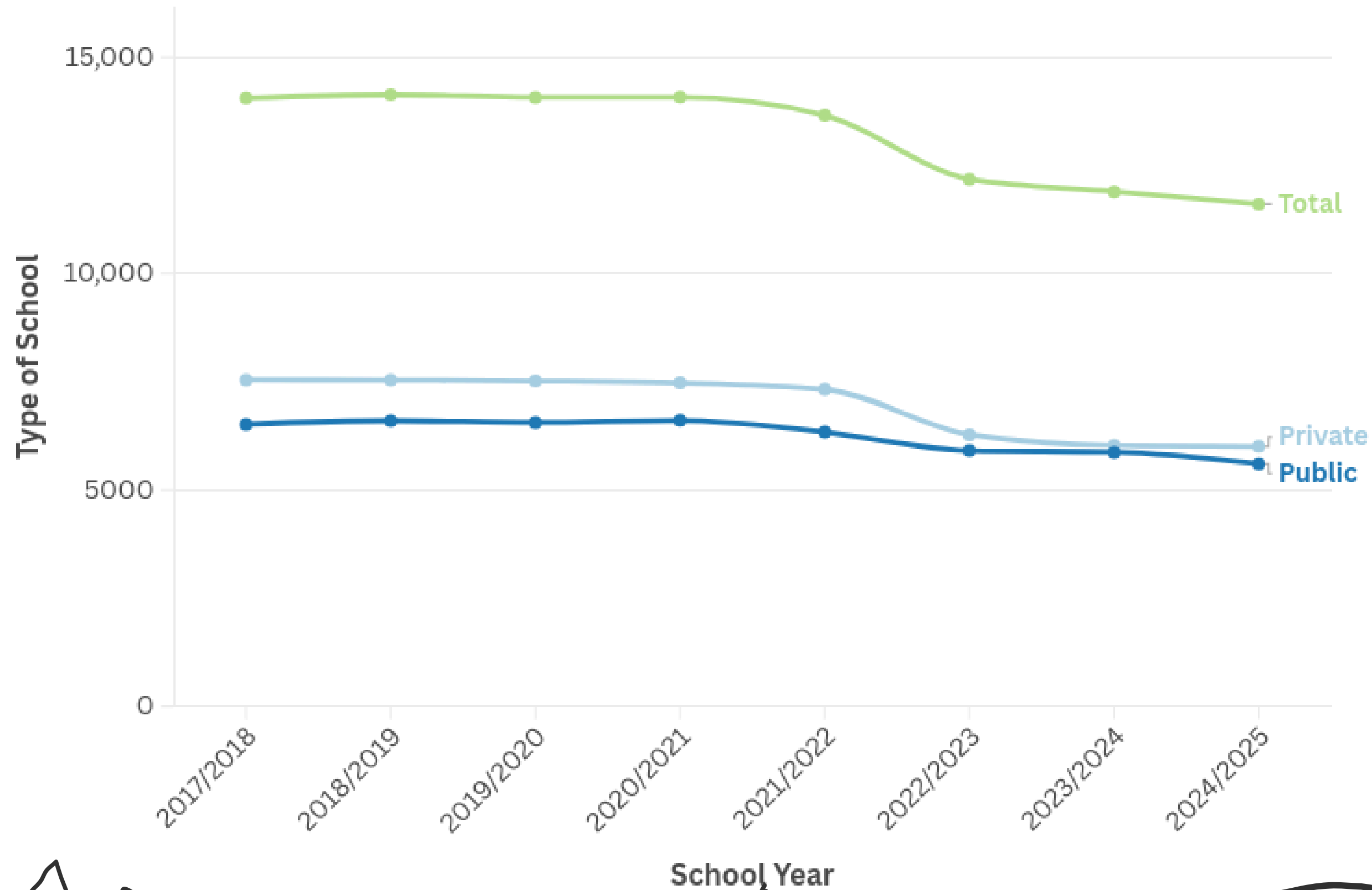


Private
Public

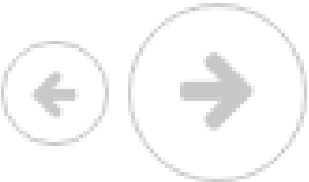
Increase in public schools and decrease in private ones:

- 5 private have closed
- 3 have been absorbed or merged with other institutions
- Between 2019 and 2023, 7 private schools have made the leap from private to public school

ARE THERE MORE PLACES IN PUBLIC OR PRIVATE SCHOOLS?



WHAT IS THE PROBABILITY OF GETTING INTO A PRIVATE OR PUBLIC SCHOOL?



Preschool places offer in Barcelona over the years

1 of 1

Sarrià-Sant Gervasi

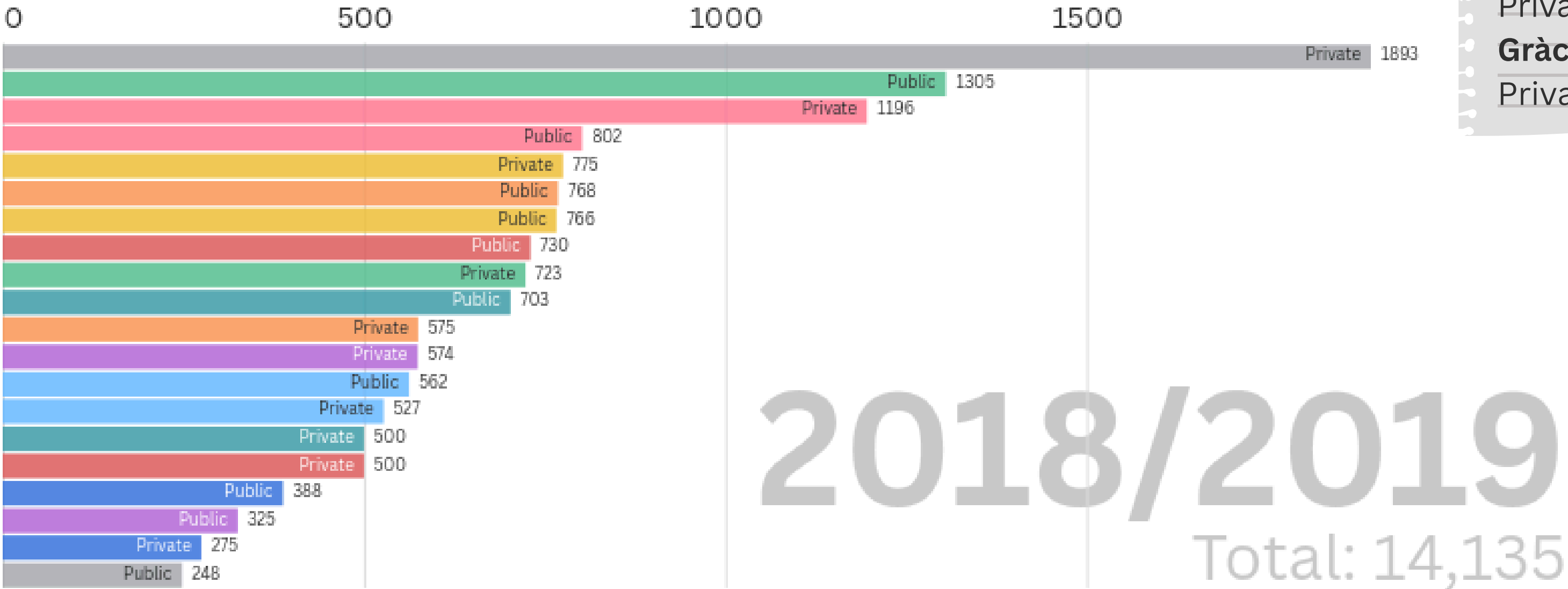
Private ↑ - Public ↓

Sant Martí

Private ↓ - Public ↑

Gràcia

Private = Public



2017/2018 2018/2019 2019/2020 2020/2021 2021/2022 2022/2023 2023/2024 2024/2025

Municipal District

Ciutat Vella	Eixample	Gràcia	Horta - Guinardó	Les Corts	Nou Barris
Sant Andreu	Sant Martí	Sants - Montjuïc	Sarrià - Sant Gervasi		


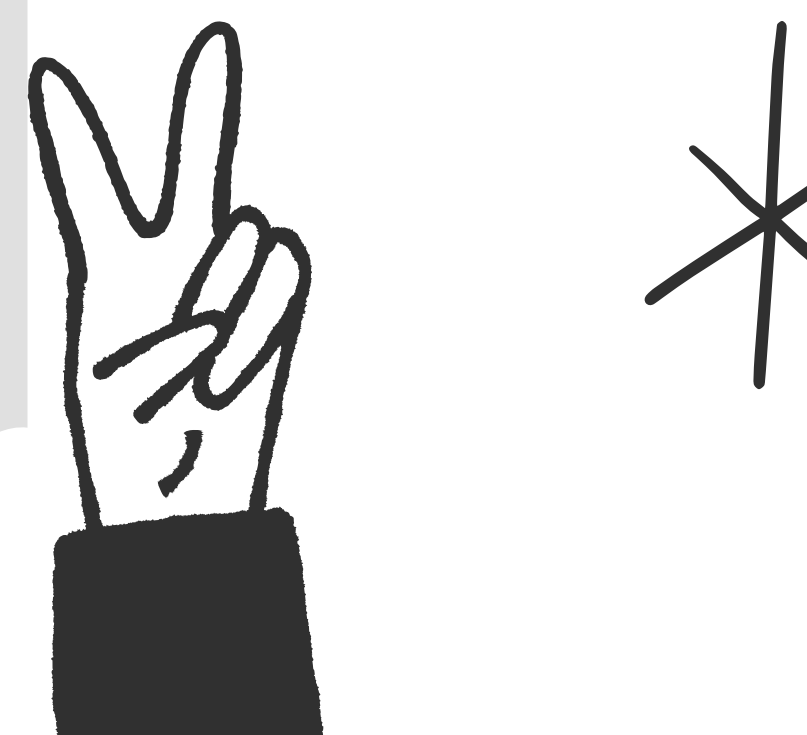



CONCLUSIONS AND NEXT STEPS

Conclusions:

- The birth ratio keeps getting lower every year
- # of private vs public places is not well distributed in the city
- The probability of entering a private or public school depends on the DM (Municipal District)

Next steps:

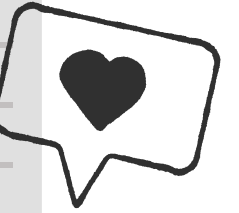
- Going deep into the DA (more in detail, by neighborhood, by educational area, etc)
 - Good-to-have: More detailed data. For instance, the total # of applications per school to compare the probability of getting into each school
- 
- 
- 



**THANK YOU
VERY MUCH!**

INSTITUT D'ESTADÍSTICA DE
CATALUNYA

[HTTPS://WWW.IDESCAT.CAT/](https://www.idescat.cat/)



SPANISH GOVERNMENT BABY
VOUCHER 2007-2010

DADES OBERTES DE CATALUNYA

[HTTPS://ANALISI.TRANSPARENCIACA
TALUNYA.CAT/](https://analisi.transparenciacatalunya.cat/)



Data Sources and News References



WOMEN'S RIGHTS IN FRANCOIST
SPAIN AND THE DEMOCRATIC
TRANSITION

FEWER BIRTHS IN 2022 THAN THE
AVERAGE OF 2010-2020 IN
BARCELONA



FEWER SEMI-PRIVATE SCHOOLS IN
BARCELONA

