

A horizontal bar at the top left of the slide, composed of nine colored segments: red, blue, green, yellow, orange, light orange, teal, and light purple.

Migration statistics and 2021 Population Census in Spain

Why exchanging microdata?

Antonio Argüeso
National Statistics Institute (INE)
Spain



1. **The population register (“*Padrón*”).** How does it Work?
2. **The next 2021 population census in Spain.** Examples of recent findings
3. **Spaniards abroad.**
4. **Exchange of (individual) data between countries?**

What kind of data could be exchanged?
To do what with them?

1. The Population Register in Spain (“*Padrón*”). How does it work?

By Law, all people living in Spain must be registered in the municipality where they live (without any legal or administrative restriction)

Since May 1996 municipal registers are integrated into a national database managed by INE

Why are people interested in being registered?:

Because it provides access to educational, social, municipal services, health care... It is a proof of residence for all purposes

Why are people interested in getting deregistered (when they leave the country)?
no benefits => not many deregistrations made by citizens

Administrative deregistration procedures are applied

2. The Population and Housing Census 2021

Largely based on administrative registers: *Padrón* + (many) other sources

The census Project in two dimensions:

1. Adding information to the Population Register (columns)

Information already in PR

Information to be added by record linkage with data sources

	identification	sex	age	nationality						
1	
2	
3	
4	
.	
.	
.	
.	
.	
.	
.	
.	
47M	

2. How many people?

According to the population register:

Almost 10% of resident population in Spain are foreign nationals:

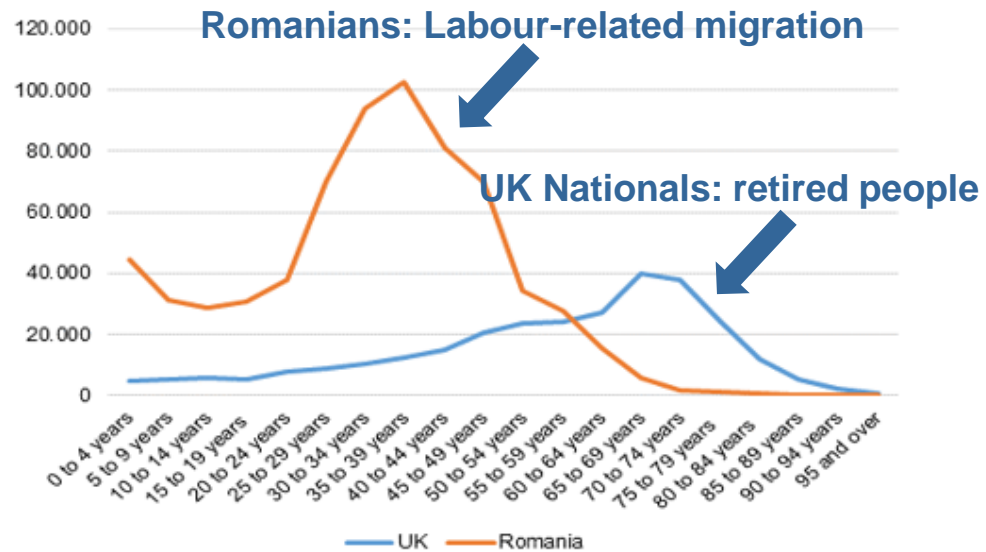
**Foreign Population by citizenship
(January 1st, 2017)**

Total Population	46,528,966
Foreign Population	4,424,409
Romania	678,098
Morocco	667,189
United Kingdom	294,295
Italy	203,118
China	177,738
Ecuador	145,879
Germany	141,523
Colombia	139,213
Bulgaria	126,436
France	103,062
Portugal	100,822
Ukraine	94,770
Bolivia	76,060
Russia	71,959
Argentina	71,622

First two (EU):

Romania : 678,000
UK: 294,000

Figure 2. Romanian and British Nationals in Spain by age

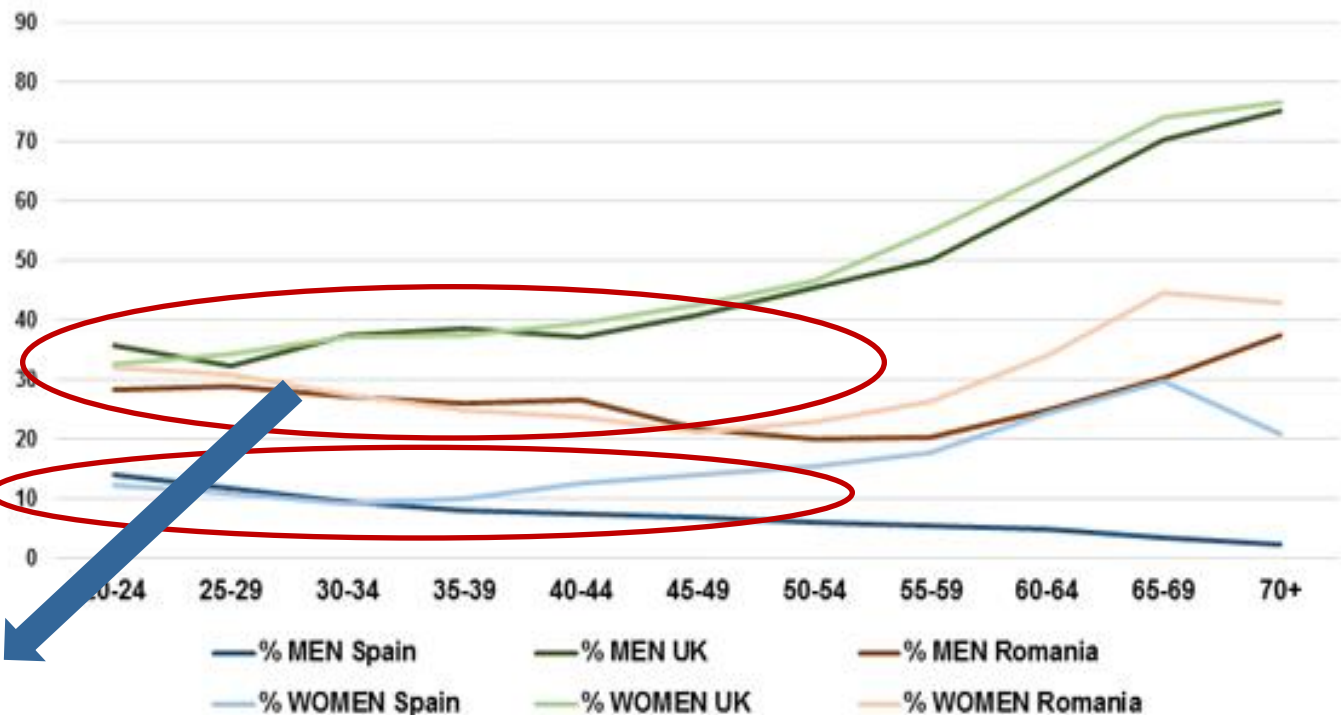


Source: Population Figures. INE

2. Population and Housing census (2021). Examples of recent findings

2021 Census Project: The result of linking “Padrón” with all economic activity-related administrative registers (data for province of Alicante, 1,84 million inhabitants, 19% foreign)

Figure 3. Economic Activity Status by age. Unclassified residents (%)
(Without any information in administrative activity-related registers)



Unclassified in working ages:

~ 35 % British
~ 25 % Romanians

10 % Spanish

Could we link these records with Romanian / British sources?

Source: census 2021 project. Pre-census file at January 1st 2016



3. Spaniards abroad



VIDA Y ARTES » >

¿A cuántos españoles ha expulsado la crisis?

Los demógrafos discrepan sobre el número de salidas al extranjero
En algunos casos multiplican por tres la cifra oficial de 225.000
Falta un mecanismo estadístico capaz de registrarlas con rapidez

How many Spaniards expelled by the crisis?

Demographers disagree on the number of people leaving the country

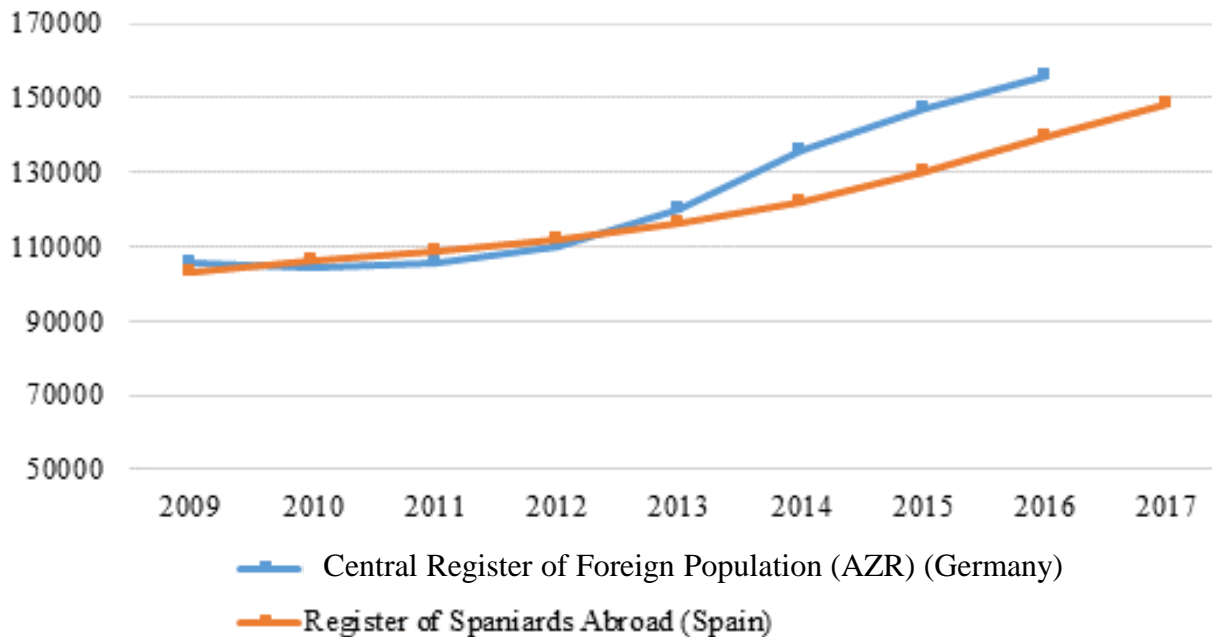
In some cases they multiply by three the official figures of 225,000

There is a lack of statistical mechanism for detecting emigration quickly

3. Spaniards abroad

This is what (German and Spanish) official figures say about Spanish people in Germany:

Figure 6. Spanish citizens in Germany (German vs Spanish sources)



Could we (INE or Destatis) link the German AZR register with Spanish *Padrón* to detect discrepancies or double counts?

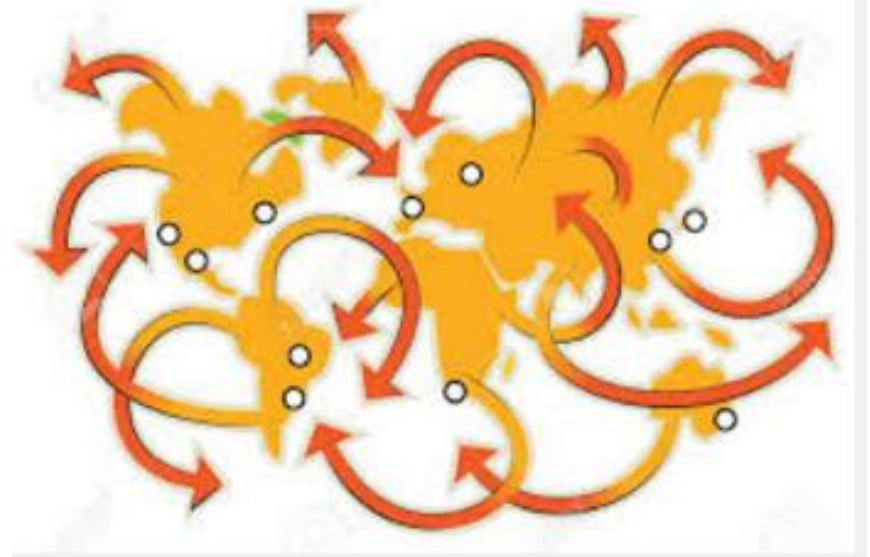
Exchange of individual data. What does it mean?

- Exchanging (identified) microdata with other countries' population registers
- Get access to other countries' administrative data (for statistical purposes): death records, social security, population registers...
- But we need to link Individual data between countries: PERSONAL data (name, address, date of birth, place of birth) . We do not have foreign ID number for linking with foreign sources but linkage may work with these data.
- A “Sci-fi” proposal? Easier between EU Member States (article 17.a Regulation 223/2009: “*Access, use and integration of administrative records*”)

Let's make it easy

We propose to conduct pilot projects

- ✓ **ONLY FOR STATISTICAL PURPOSES**
(no deregistrations foreseen)!!!!



Spanish Law allows exchange of individual data for statistical purposes with other NSIs in specific situations.
(Data Protection Agency has also been consulted)

How to start?

- We are offering bilateral interchange of information with any country interested in making pilot projects that can be useful for both sides.

Contact: argueso@ine.es



INē

IN
e

**Instituto
Nacional de
Estadística**

