

The Atlas of Household Income Distribution (ADRH). New experimental statistics of INE

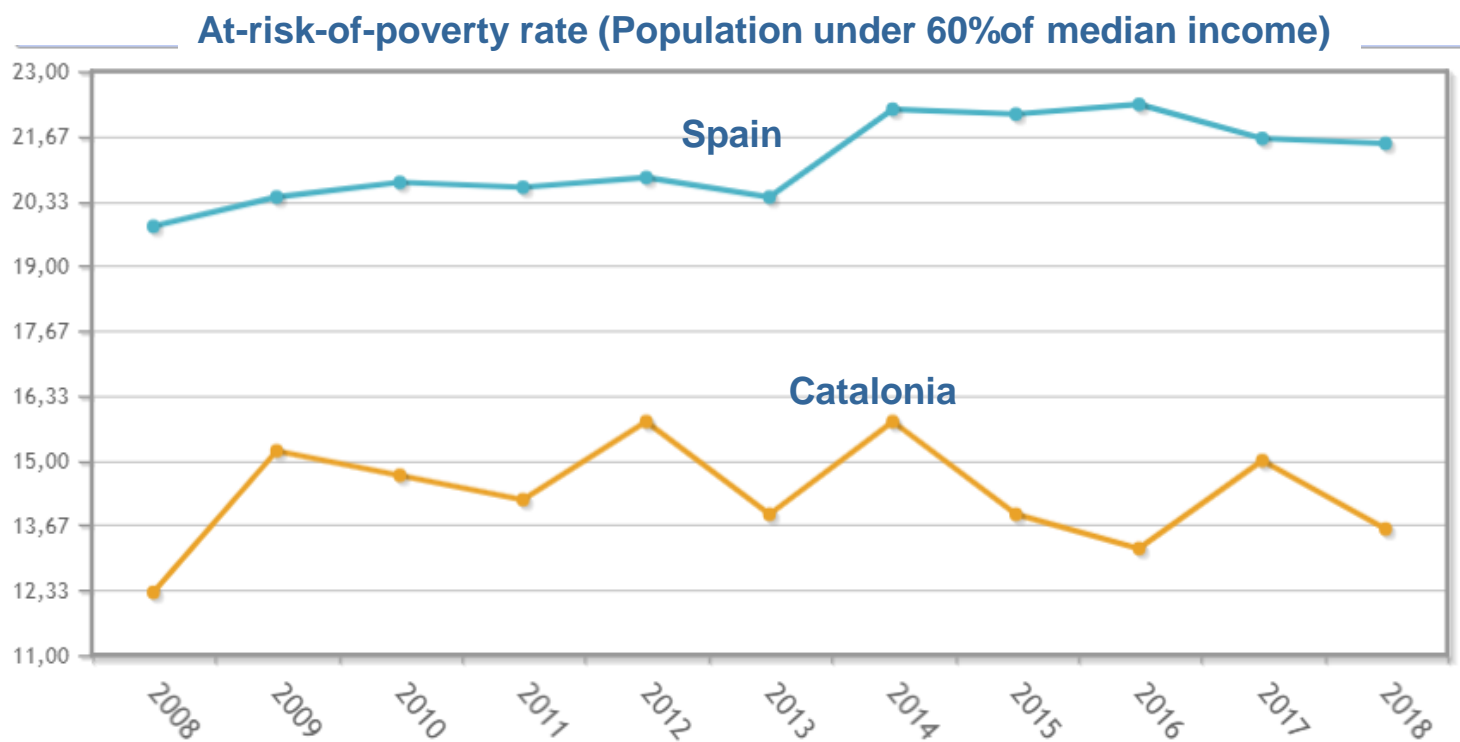
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Barcelona, March 5th 2020



The Survey on Income and Living Conditions (EU-SILC) as a source of data for the analysis of household income

SILC starts in 2004 in Spain. It provides information at national and NUTS-2 level (17 autonomous communities)
Sample size: 13,000 households, 27,000 adults

Regional data: lack of stability of series, big sampling error:



EU-SILC as a source for the analysis of household income

- Current plan (according to IESS EU-regulation):

Sample size increased by 25% every year 2019-2022

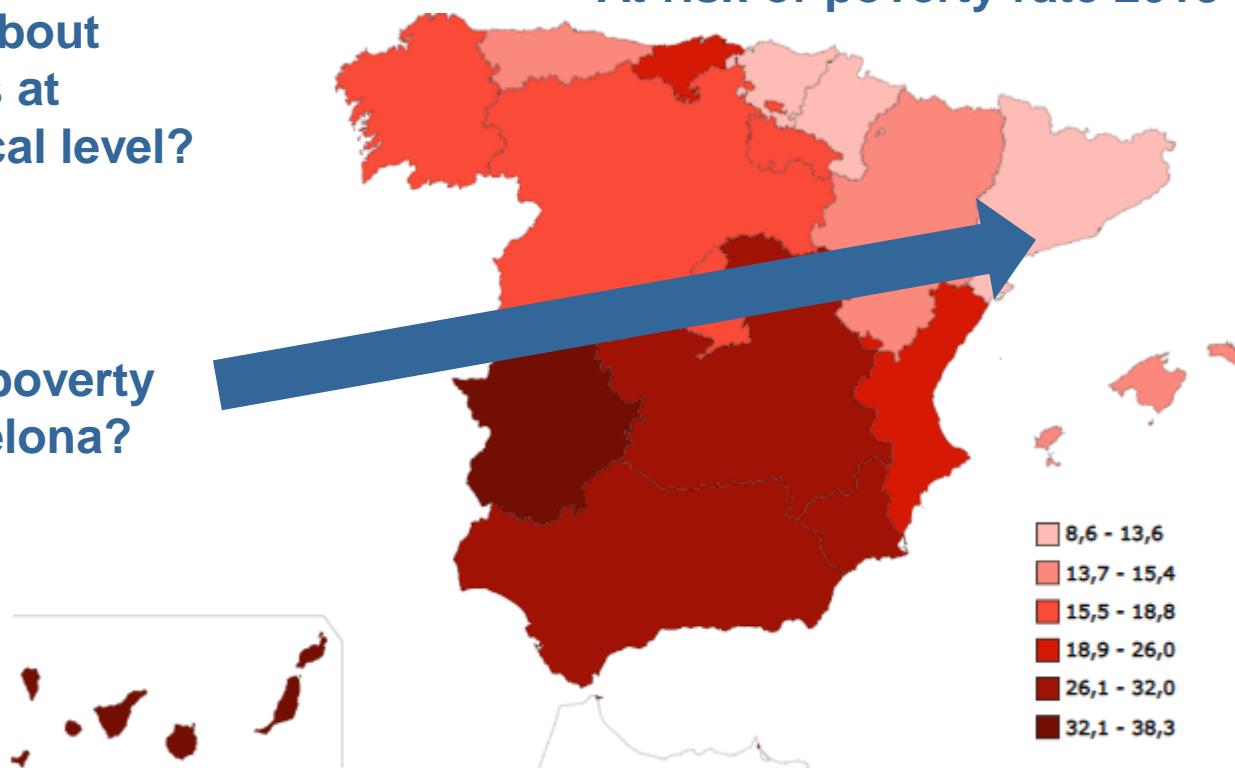
⇒ Expected size in 2022: 25.000 households (~ 60.000 people)

⇒ Is it enough?

What do we know about poverty/inequalities at detailed geographical level?

How many under poverty threshold in Barcelona?

At-risk-of-poverty rate 2018





A different approach: A joint Project by INE and the Tax collection Agency, combining population register and tax data

Population register as of Jan 1st year t

Census section 1	Household 1.1	person 1.1.1
		person 1.1.2
		person 1.1.3
	Household 1.2	person 1.2.1
		person 1.2.2
	...	
	Household 1.m	person 1.m.1
		person 1.m.2
		person 1.m.3
		person 1.m.4

individual data from ~ 15 databases

(Personal Income annual declarations and others):

- Wages and salaries
- Dividends
- Rents derived from property ownership,
- Profit sharing from businesses.
- Aids
- Social benefits
- Pensions
- ...

36,000 sections

18 million households

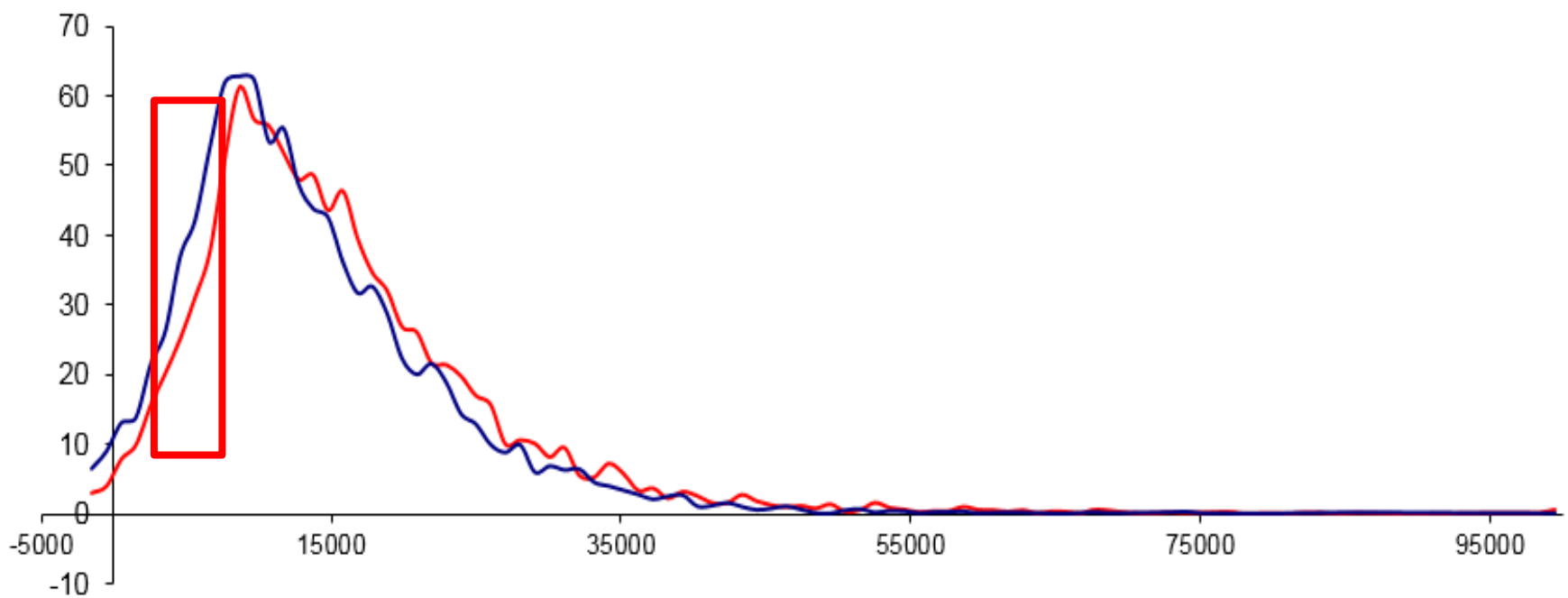
47 million people



Average income per capita, household, equivalised
Distribution (under or over relative/absolute thresholds)



Caution: Tax data provide a slightly different picture on income, mainly on the left-end of the distribution



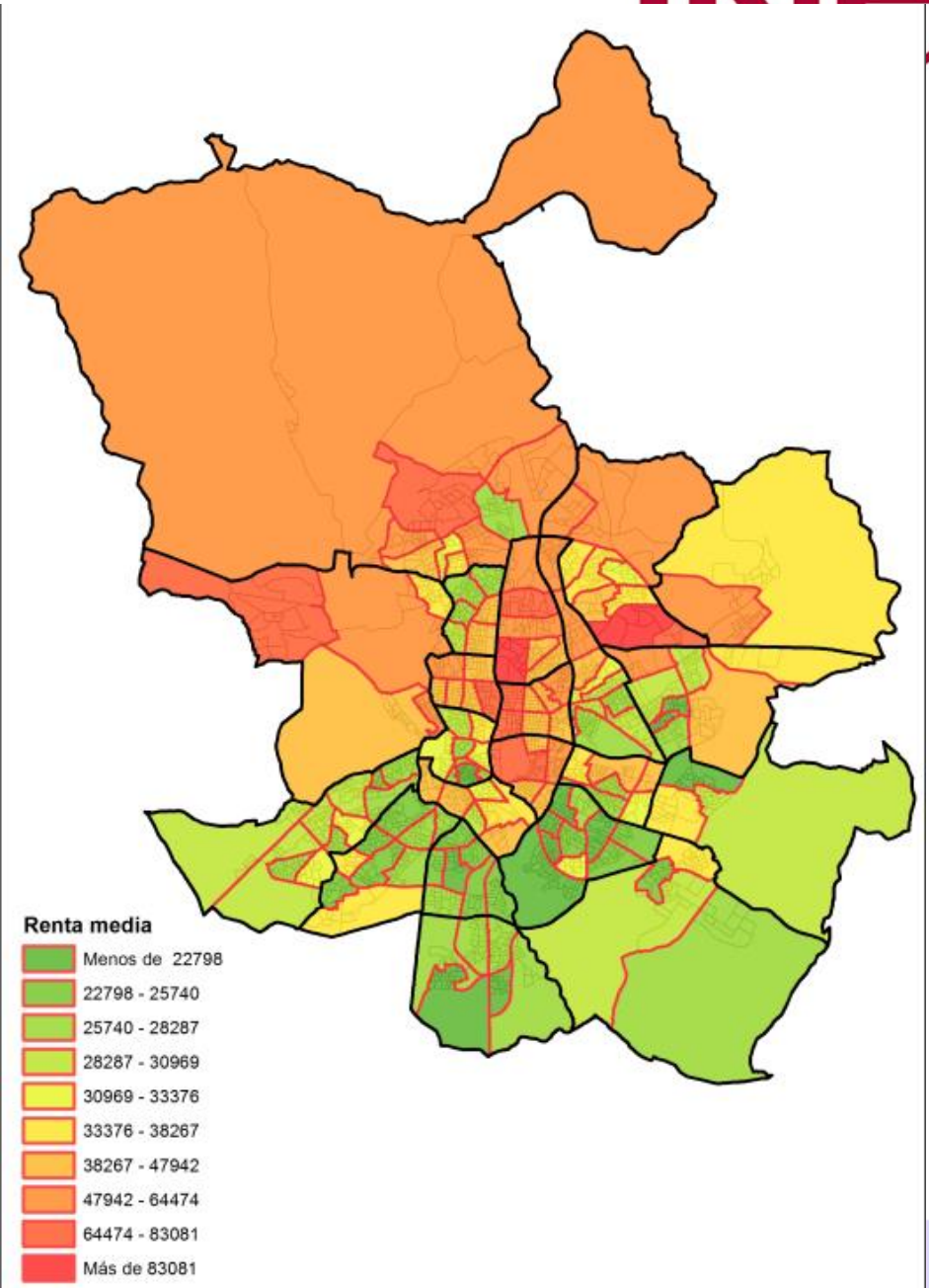


We published for the first time in 2014, data for big cities. For the largest ones, by small districts

Madrid:

141
neighbourhoods
(barrios)

Max / min = 6,3

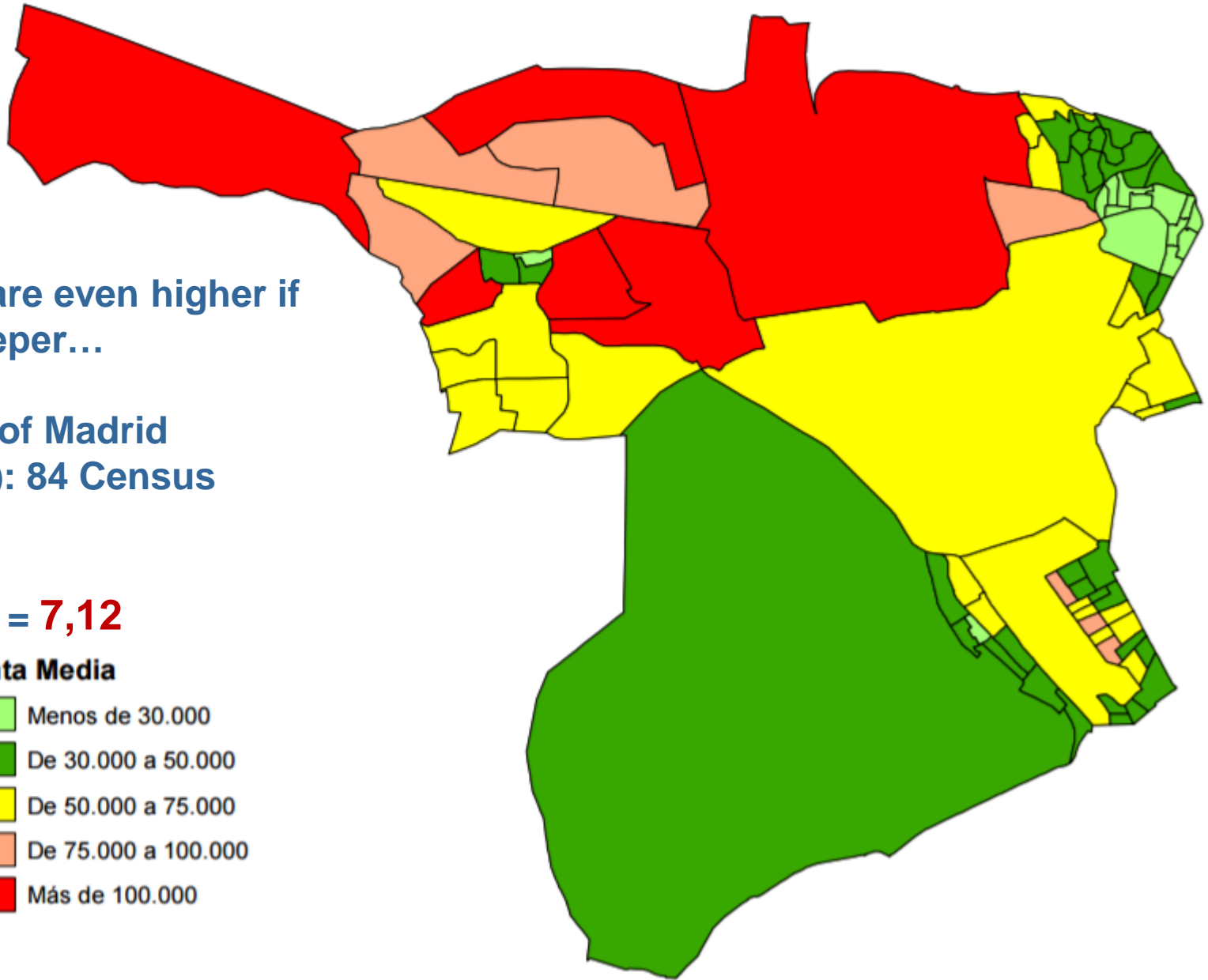


But they are even higher if
we go deeper...

A district of Madrid
(Moncloa): 84 Census
sections

Max / min = 7,12

Renta Media





So, eventually we decided to publish data at the maximum detail



September 2019: a new brand



An the first product:

Atlas of Household Income Distribution
(ADRH)

- ☐ Income per household and per inhabitant for all census sections > 100 inhabitants
- ☐ Income distribution for sections from certain thresholds (100,500, 2,500 inhabitants)

