# Collecting 2021 data and preliminary data on perinatal outcomes in 2021

Euro-Peristat Meeting – 26th March - Rolduc – Netherlands Marianne Philibert and Jennifer Zeitlin

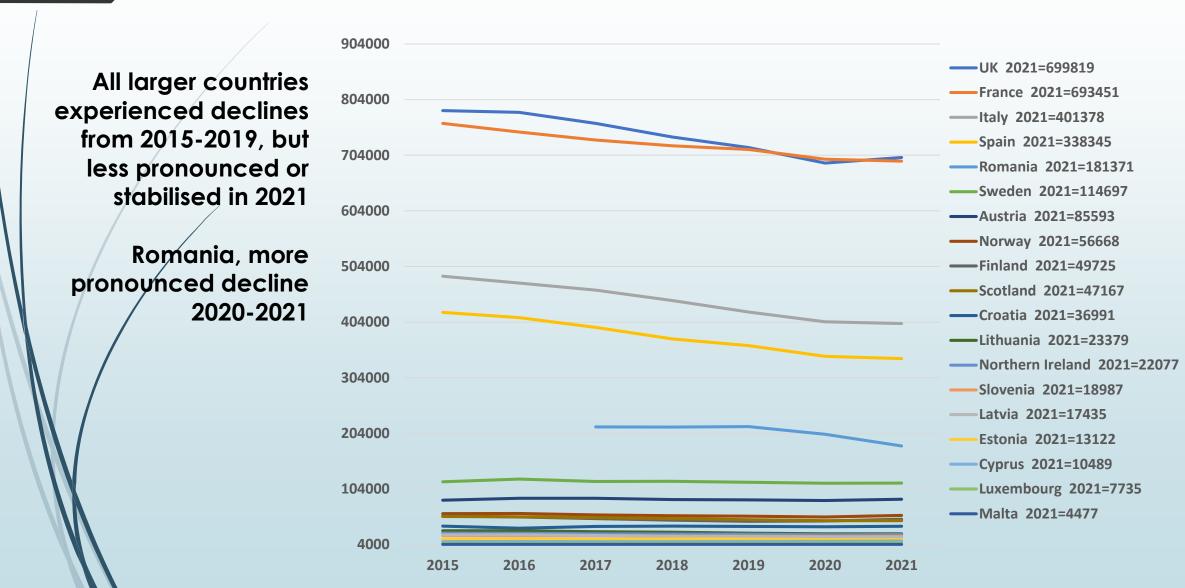
#### Data collection for 2021

- Rerun the same scripts, with minor modifications, using the common data model after adding 2021 data
- Data collected in February and March in <u>22 countries</u> (Czechia, Hungary and Wales just received, only 19 presented)
- Other countries
  - 2 countries, 2021 data is being prepared, will be run soon (Poland, Switzerland)
  - 4 countries: 2021 data are not available (Belgium, Iceland, Ireland, the Netherlands)
  - 4 countries: need to arrange data collection (Denmark, Greece (also for 2015-2019), Germany (offical request is needed), Portugal)
  - 2 countries: no active member (Slovakia (retirement Jan Cap), Bulgaria (also for 2015-2019))

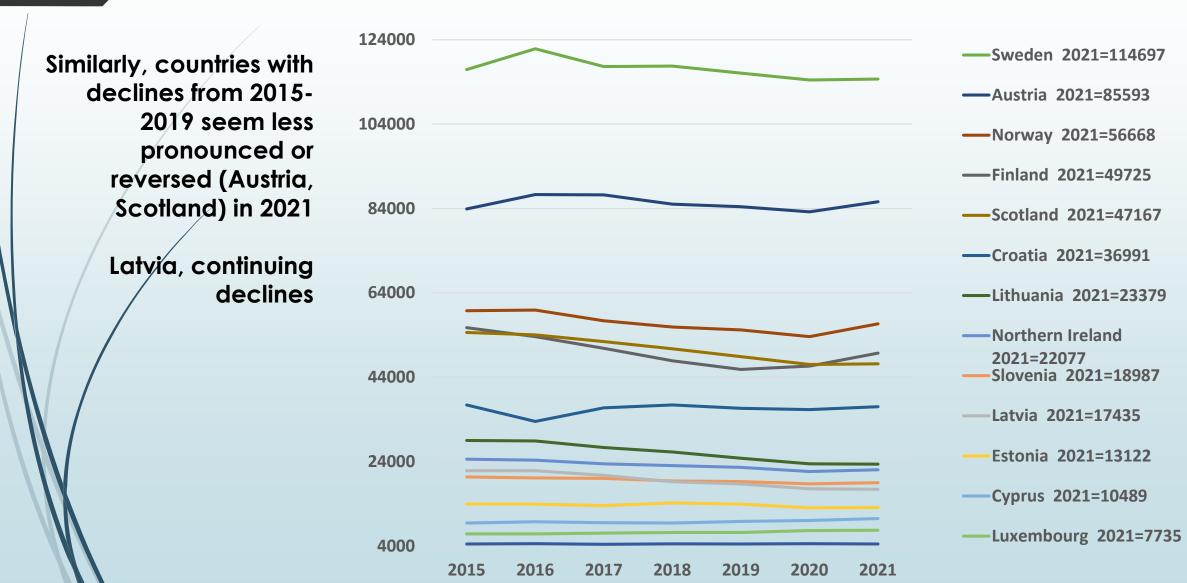
#### Technical difficulties during data collection

- Overall, it was a quick and successful process
- Difficulties occured when people had a customized script and kept the old scripts
- When variables were not formatted in the way required
- There was a problem with the calculation of new SGA analyses

#### Trends in number of births, 2015-2021



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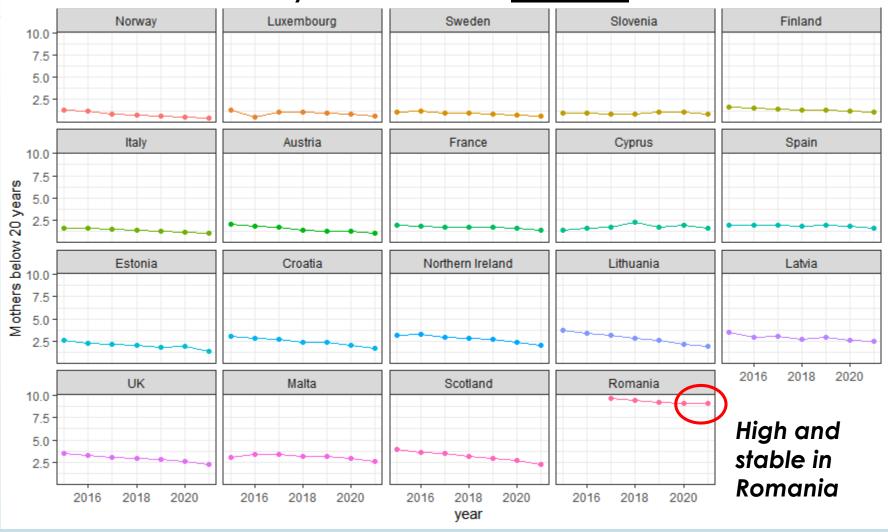
## Comparison of number of births with Eurostat

O/ /A /EC\

		Euro-Peristat	Eurostat	ES-EP	% (Δ/ES)
	Austria	85 593	86 078	485	0.6
	Croatia	36 991	36 508	-483	-1.3
	Cyprus	10 489	10 309	-180	-1.7
	Estonia	13 122	13 272	150	1.1
	Finland	49 725	49 594	-131	-0.3
	France	693 451	701 819	8 368	1.2
	Italy	401 378	400 249	-1 129	-0.3
	Latvia	17 435	17 420	-15	-0.1
	Lithuania	23 379	23 330	-49	-0.2
	Luxembourg	7 735	6 690	-1 045	- <mark>15.6</mark>
	Malta	4 477	4 395	-82	-1.9
	Northern Ireland	22 077			
	Norway	56 668	56 060	-608	-1.1
	Romania	181 371	193 191	11 820	<mark>6.1</mark>
	Scotland	47 167			
	Slovenia	18 987	18 984	-3	0.0
	Spain	338 345	336 823	-1 522	-0.5
	Sweden	114 697	114 263	-434	-0.4
	UK	699 819	<mark>NA</mark>		

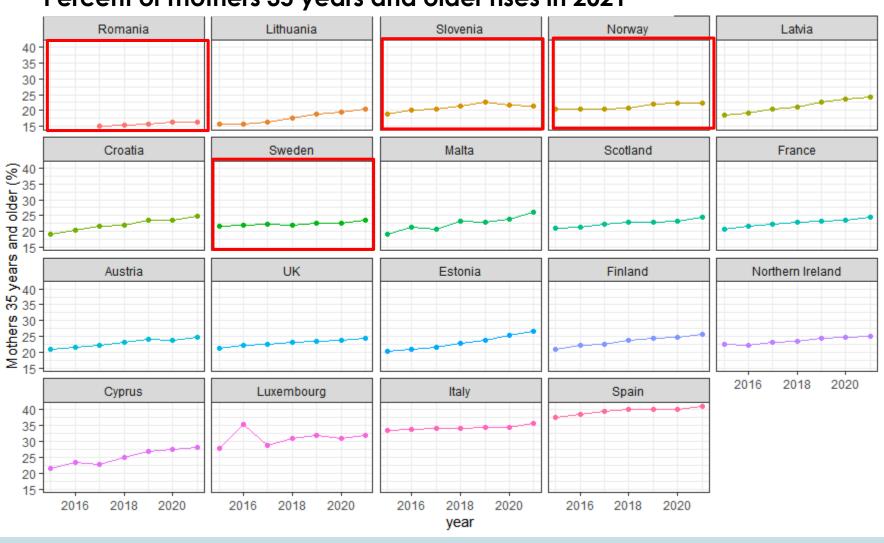
#### Maternal age - continuing increases





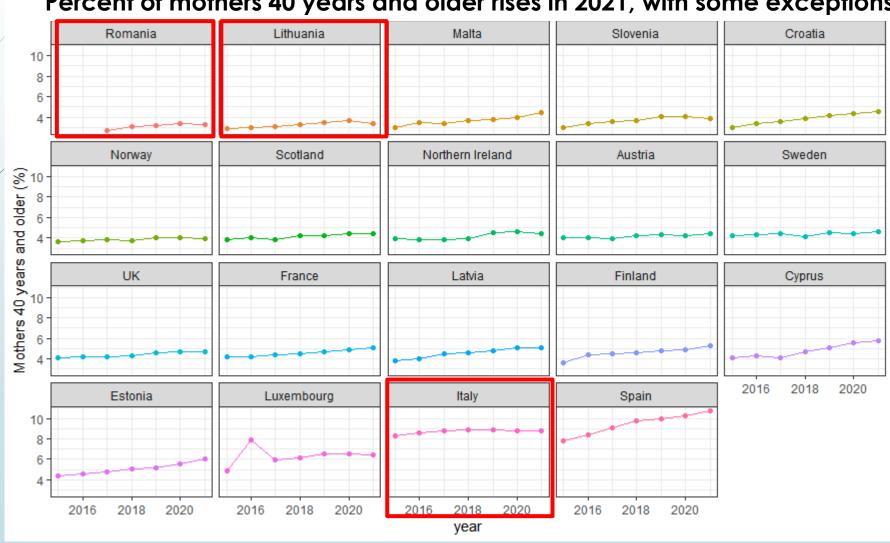
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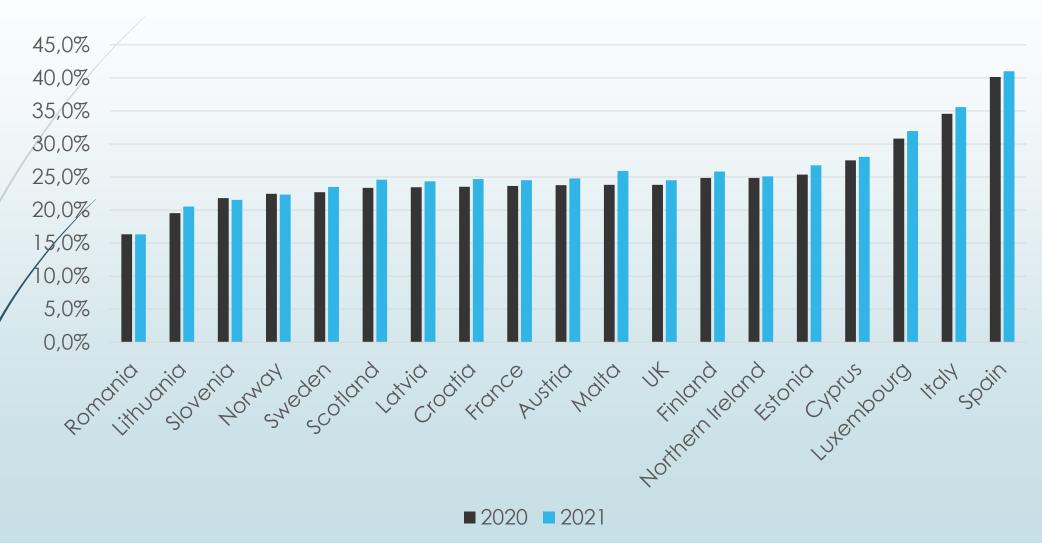


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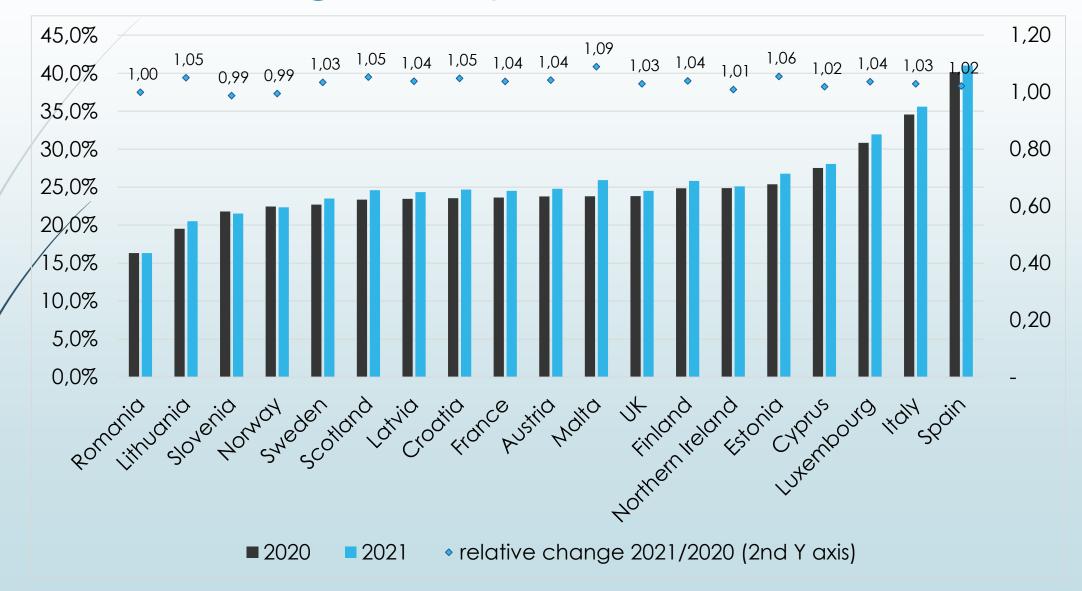
Percent of mothers 40 years and older rises in 2021, with some exceptions



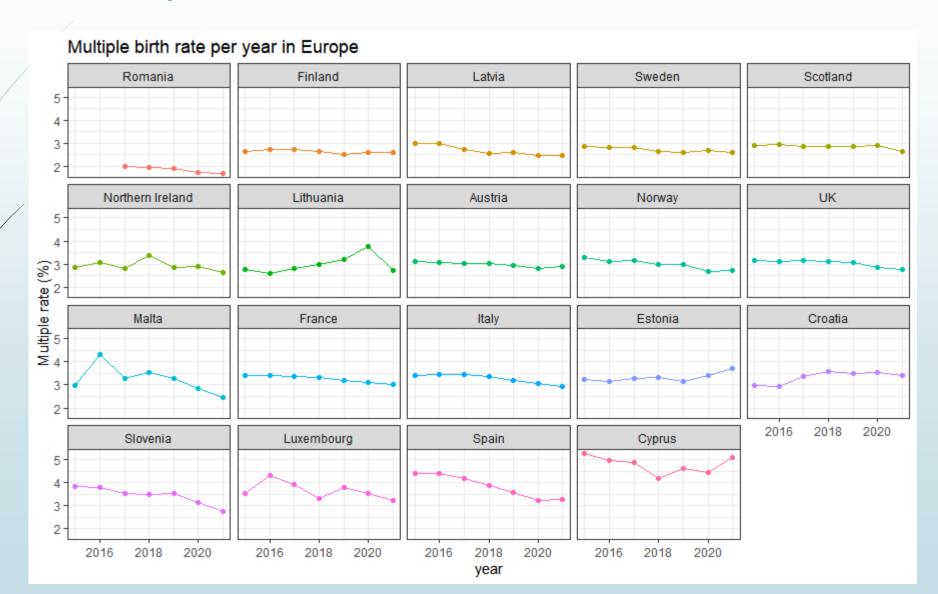
#### Maternal age ≥ 35 years in 2020 and 2021



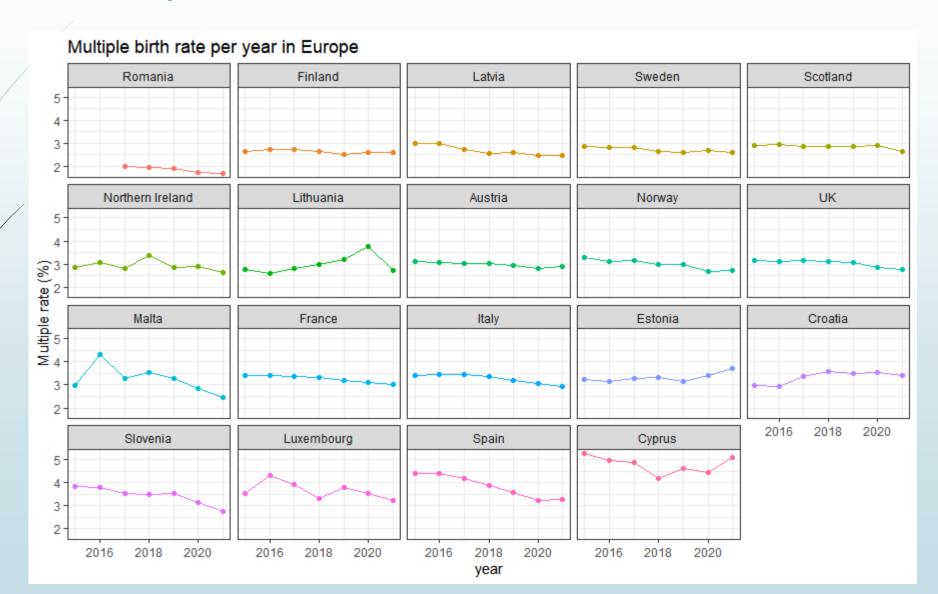
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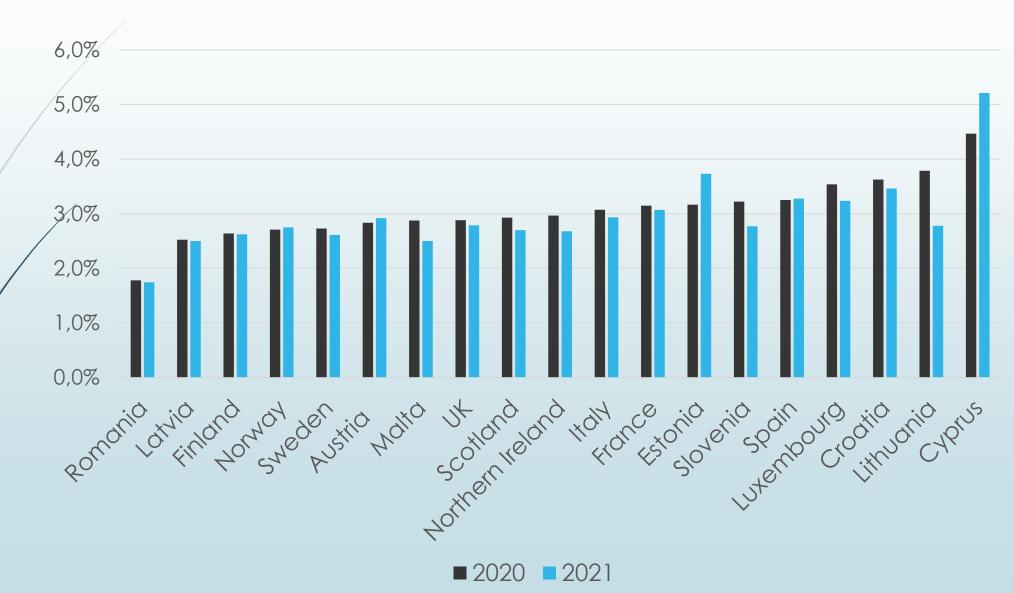
## Multiple birth – mixed trends



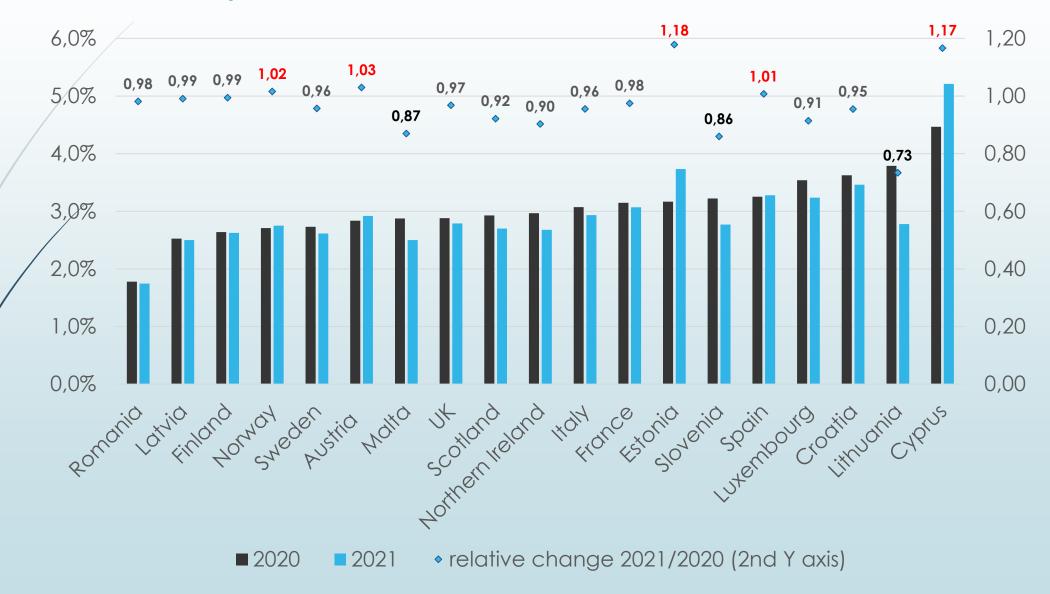
## Multiple birth – mixed trends



#### Multiple births in 2020 and 2021



#### Multiple births in 2020 and 2021



# Comments on number of births and population characteristcs

Easy to rerun these tables and graphs once data are collected

- Reminder that data sources can be different from Eurostat – check differences so that these can be explained?
- Heterogeneity in fertility trends
  - population composition?
  - outcomes?

# Questions on number of births and characteristics of the population

- How did COVID-19 lockdowns affect the number of births? A different pattern of births over the year (fewer in January/February?)
- Did the COVID-19 lockdowns/2020 pandemic affect births characteristics in 2021 (maternal age, multiples) ?
- Some answers by analysing data by month (number of births, multiples and age)