



Impact of the Pandemic on Education, Employment and Equity

Making sure Young People are not left behind

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10th International Stakeholder Conference on Priority Area 9 „People and Skills“ of the EU
Strategy for the Danube Region



Topics

❖ Educational Impact of the Pandemic

- Competences
- Equality
- Career / ESL

❖ Employment Impact of the Pandemic

- Unemployment
- NEETs

❖ Economic Impact of the Pandemic

- Material and Social Deprivation
- Macro-Economic Effects

❖ Summary & Conclusions

- Immediate interventions
- Resilience of Educational System

1a) Educational Impact: Competences

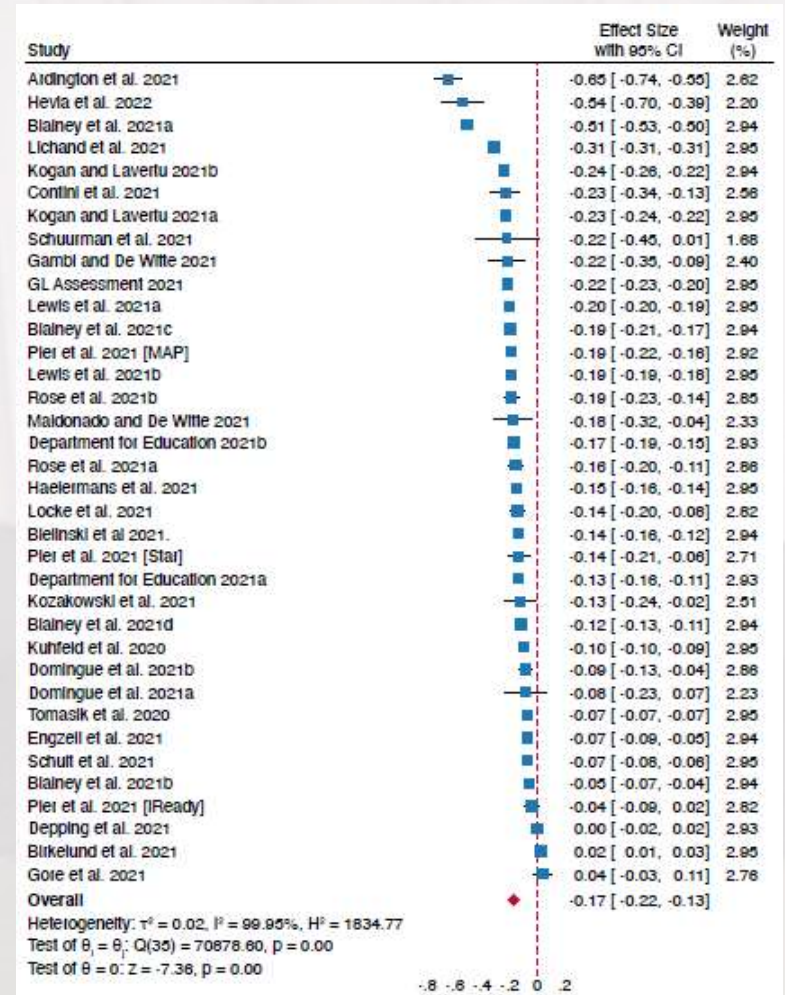
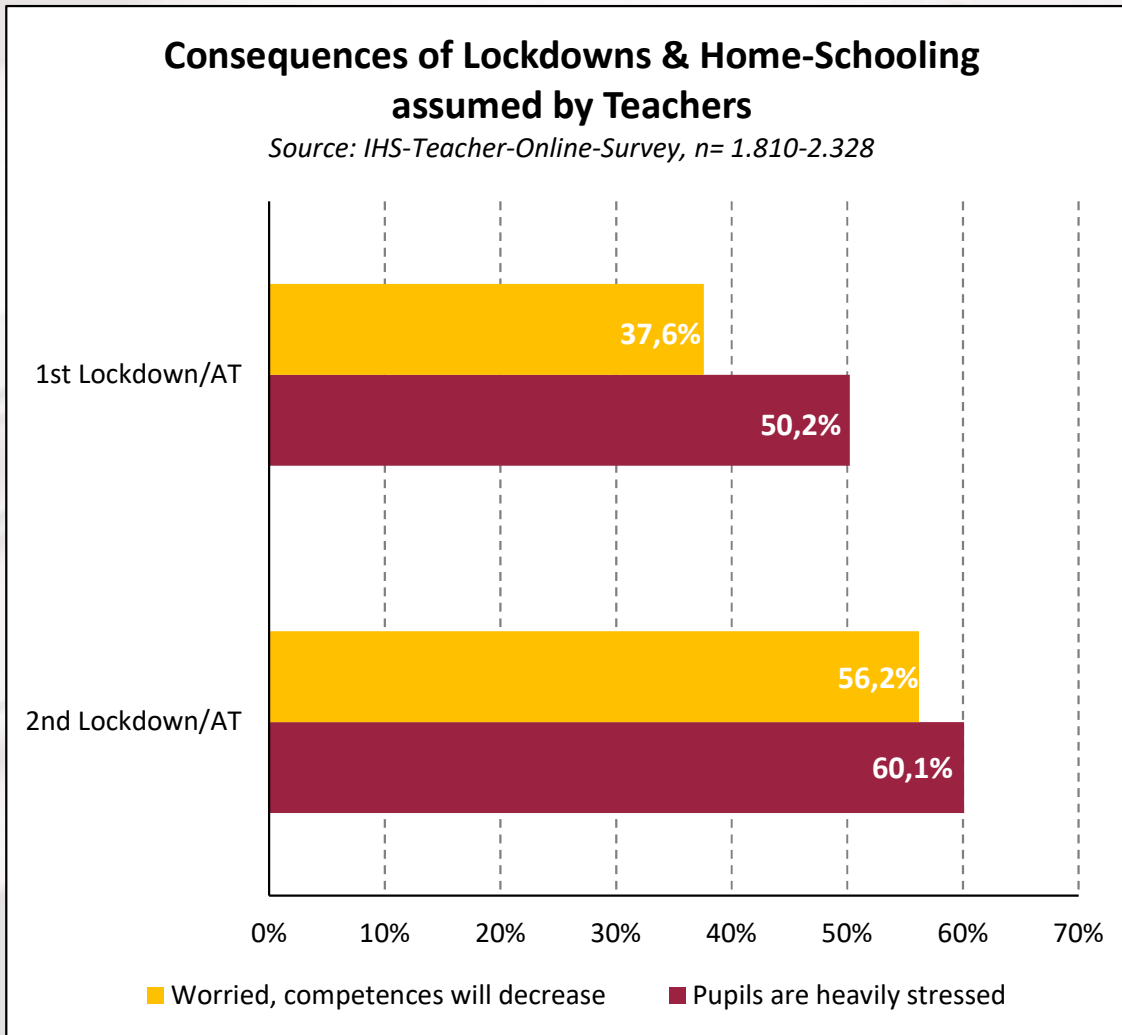


Figure 3: Forest plot showing individual estimates by study (averaged across subject and grade level) and pooled effect size estimate.

Source: Betthäuser B., Bach-Mortensen A., Engzell P. (2022): A systematic review and meta-analysis of the impact of the COVID-19 pandemic on learning. SocArXiv.

1b) Educational Impact: Inequality

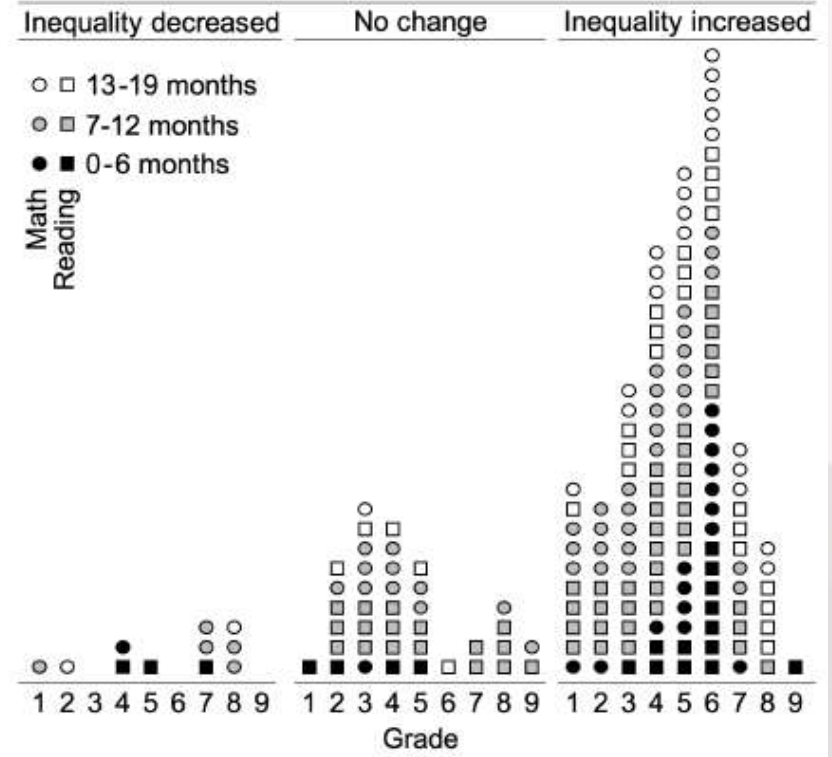
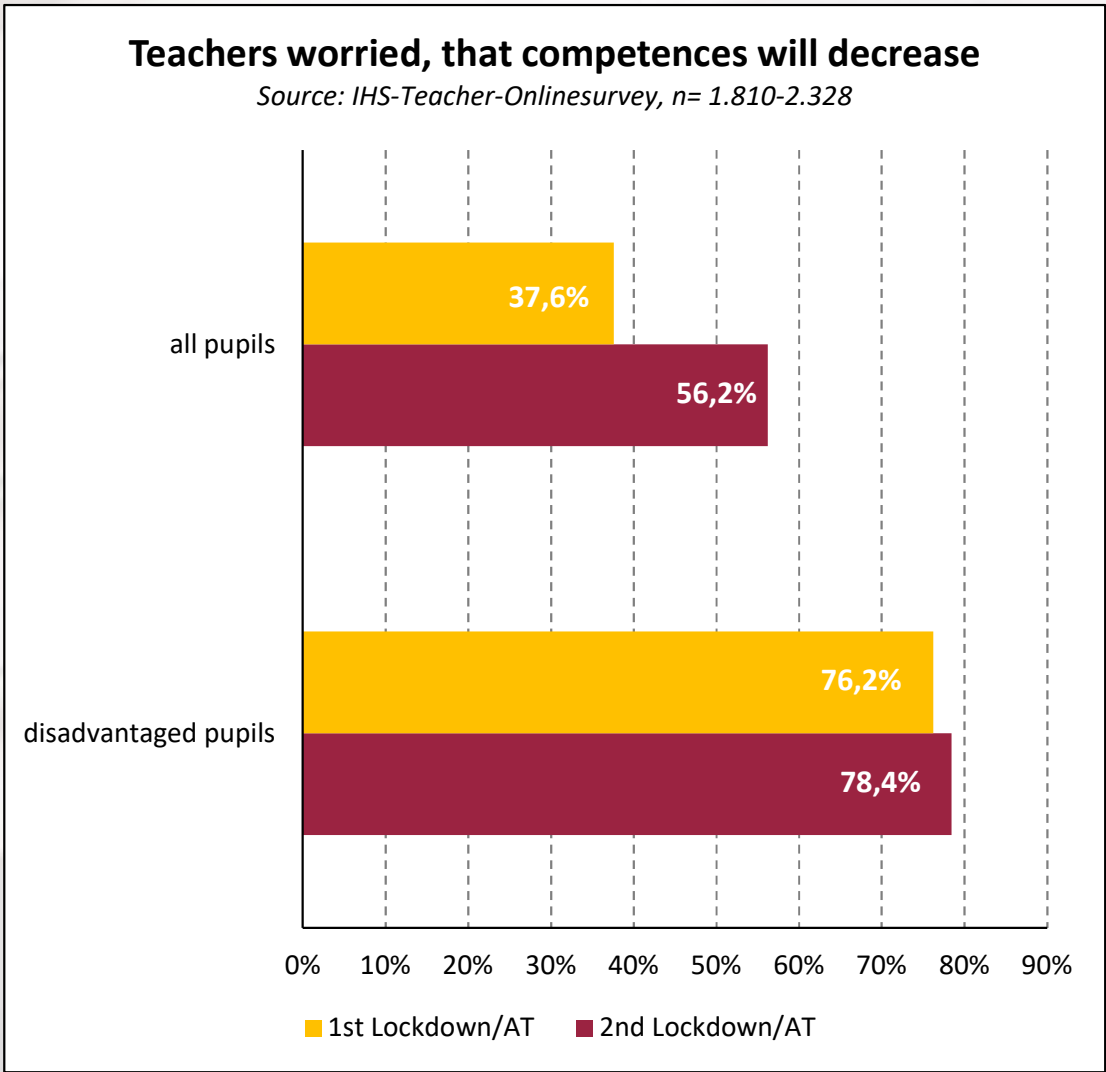


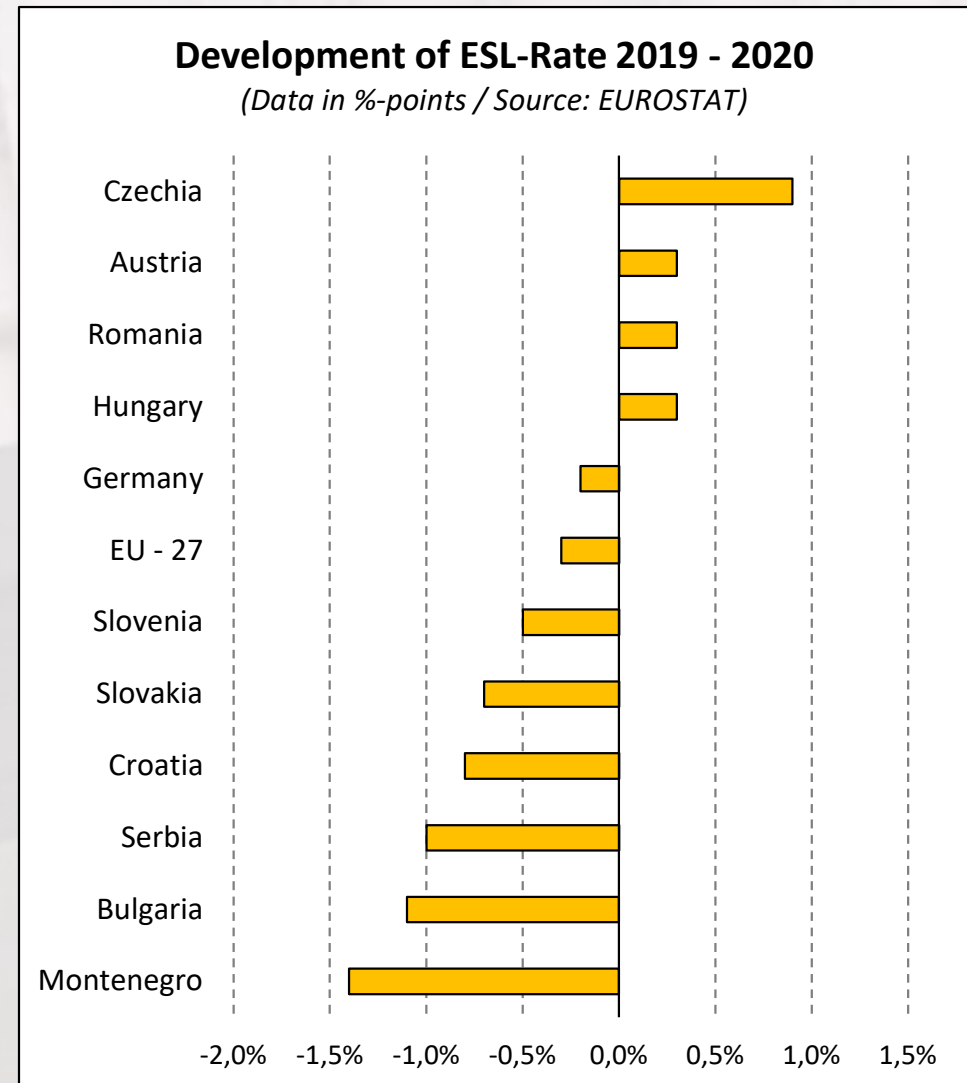
Figure 5: Harvest plot of the evidence on the effect of the pandemic on educational inequality. Each circle/square refers to one estimate of over-time change in inequality in math/reading performance. Estimates that find a decrease/no change/increase in inequality are grouped on the left/middle/right. Within these categories, estimates are ordered horizontally by grade level. Shading indicates when in the pandemic measure was taken.

Source: Betthäuser B., Bach-Mortensen A., Engzell P. (2022): A systematic review and meta-analysis of the impact of the COVID-19 pandemic on learning. SocArXiv.

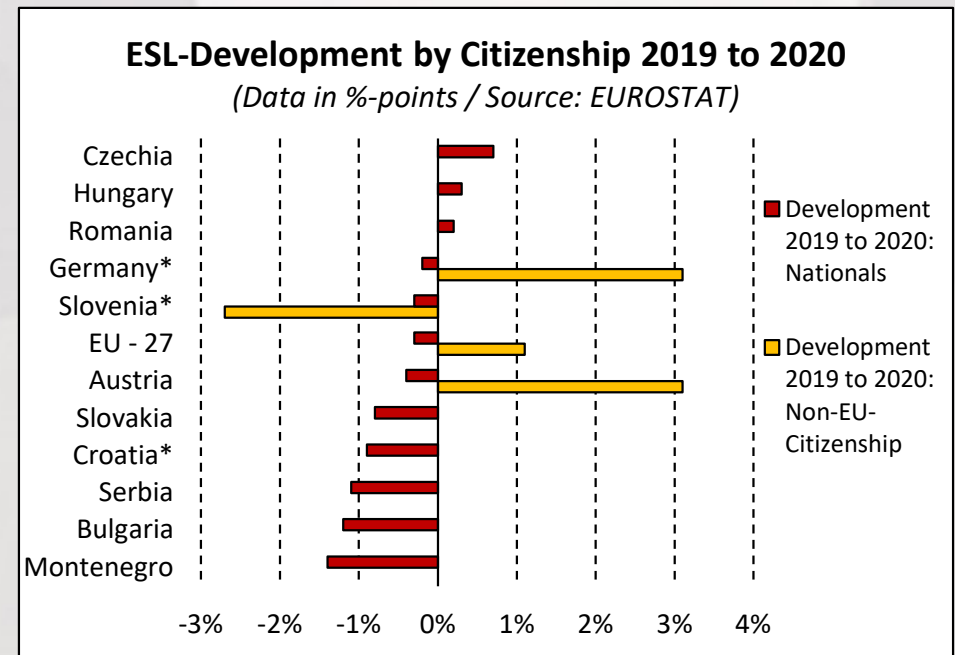
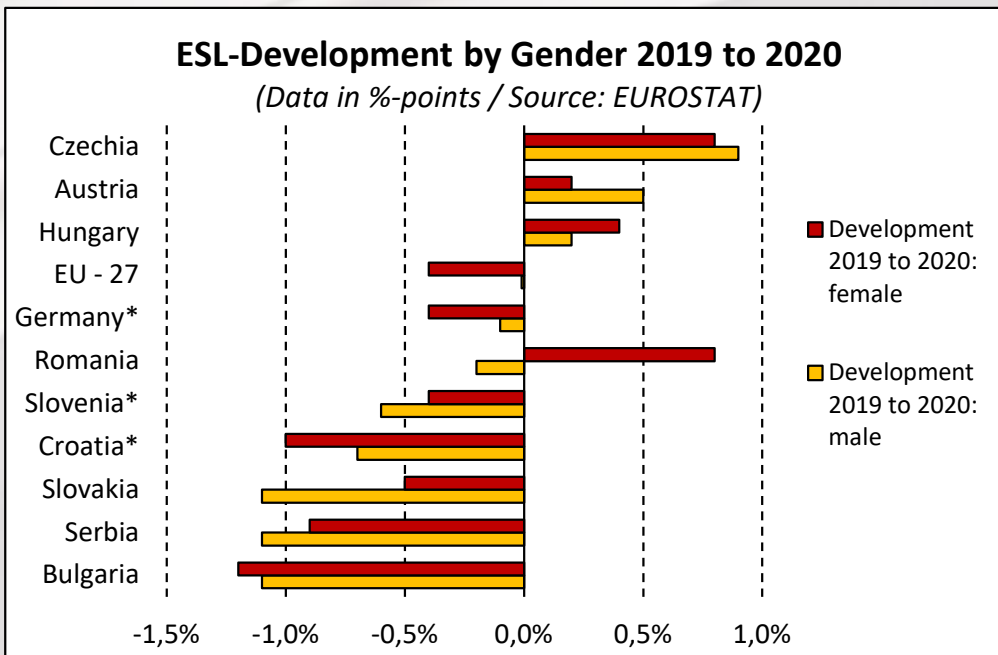
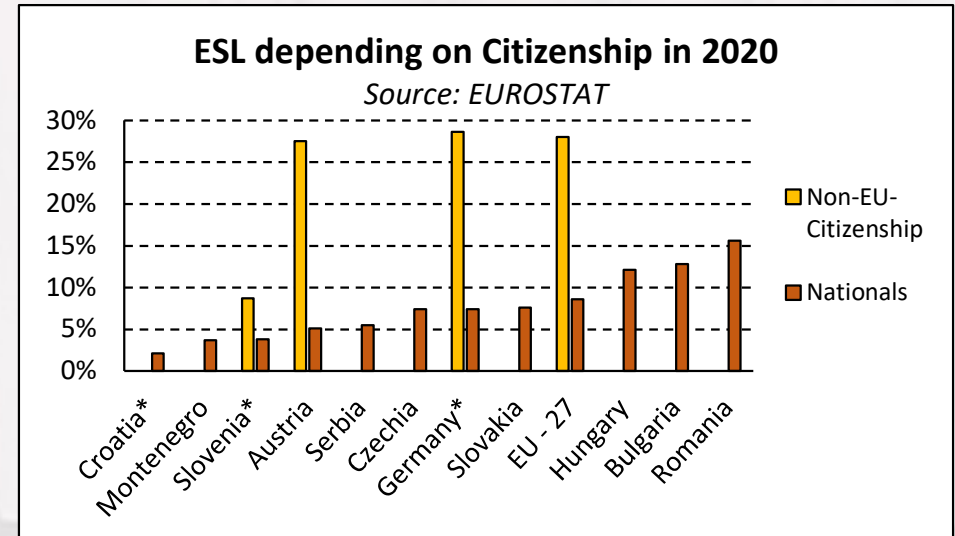
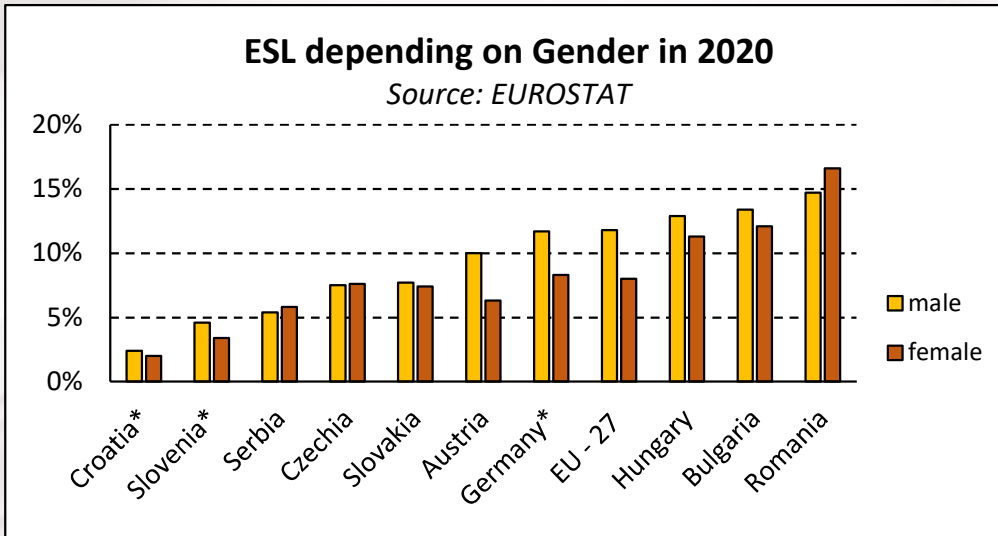
1c) Educational Impact: Careers

❖ Mixed Evidence from Austria

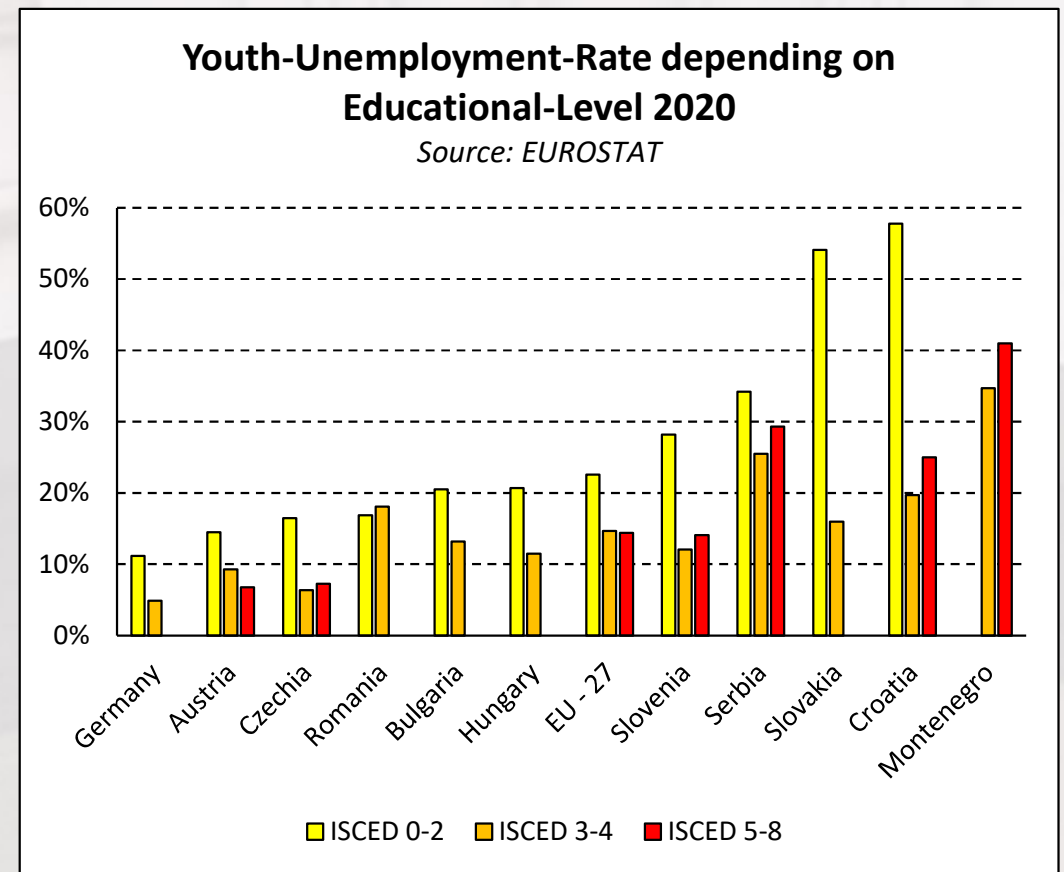
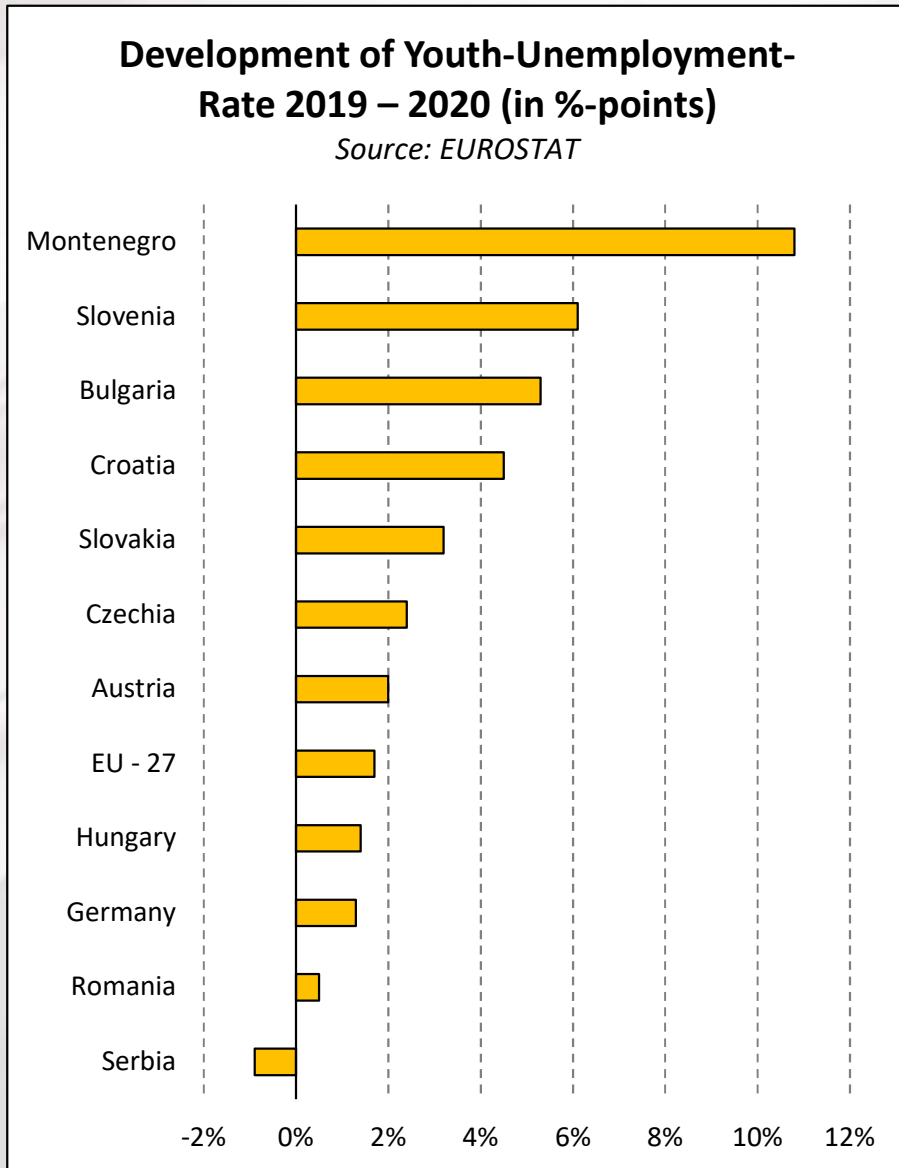
- Tendency for reduced drop-out from educational tracks which pupils entered before the pandemic.
- Severe difficulties for those at the transition from lower to upper secondary education during pandemic, 5% of cohort lost to ESL?



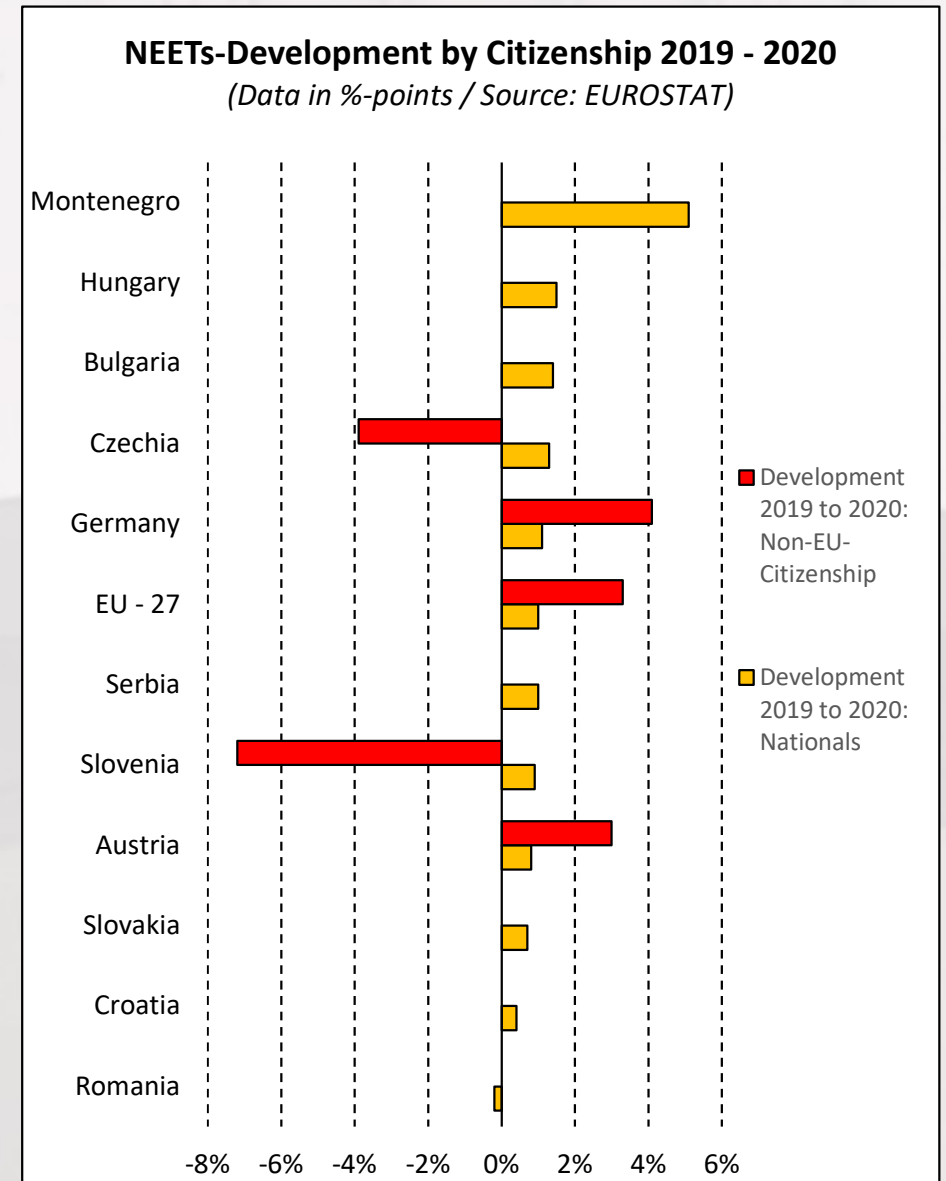
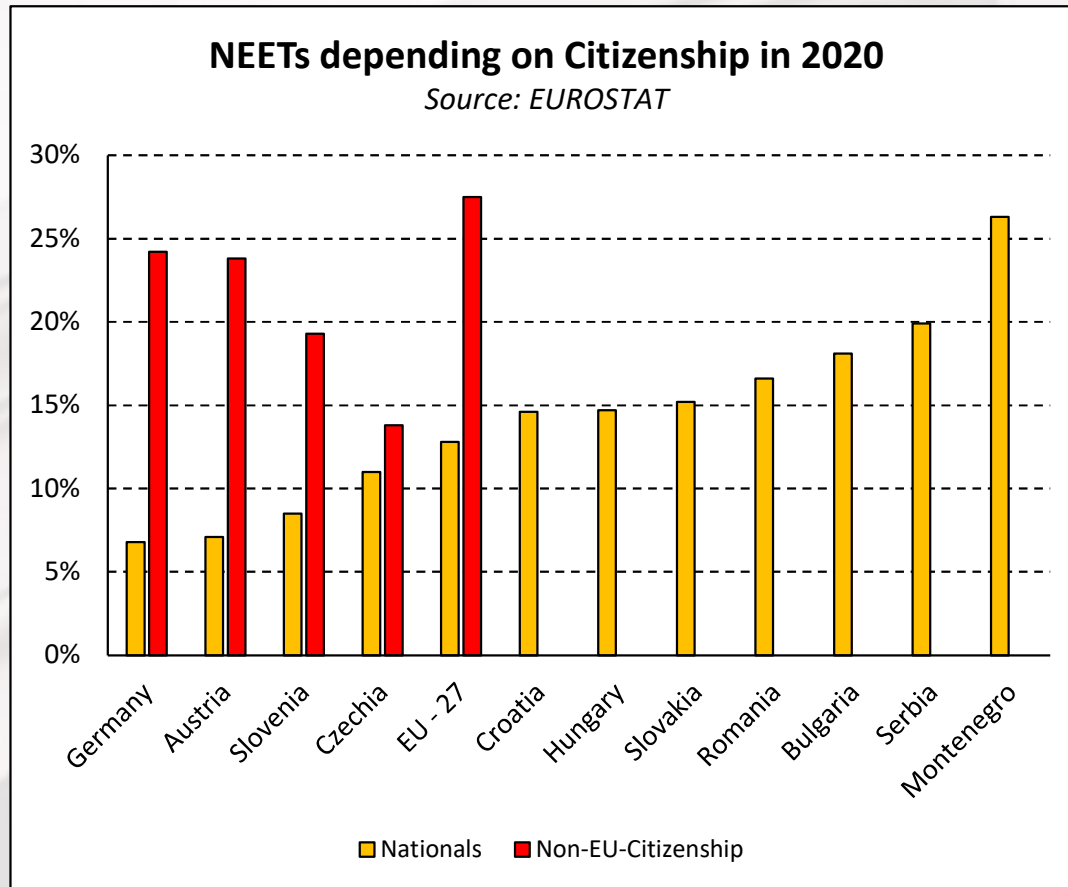
1c) Educational Impact: Careers II



2a) Employment Impact: Unemployment (15-24y)



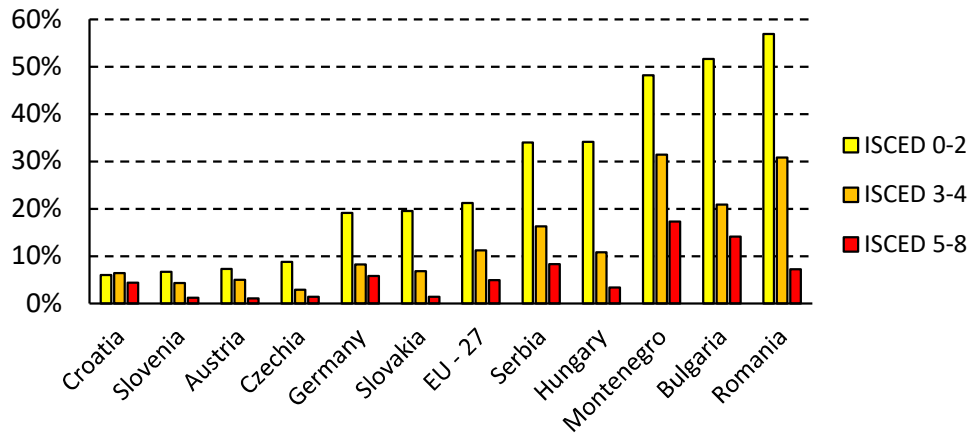
2b) Employment Impact: NEETs (15-29y)



3a) Economic Impact: Deprivation of youth (16-29y)

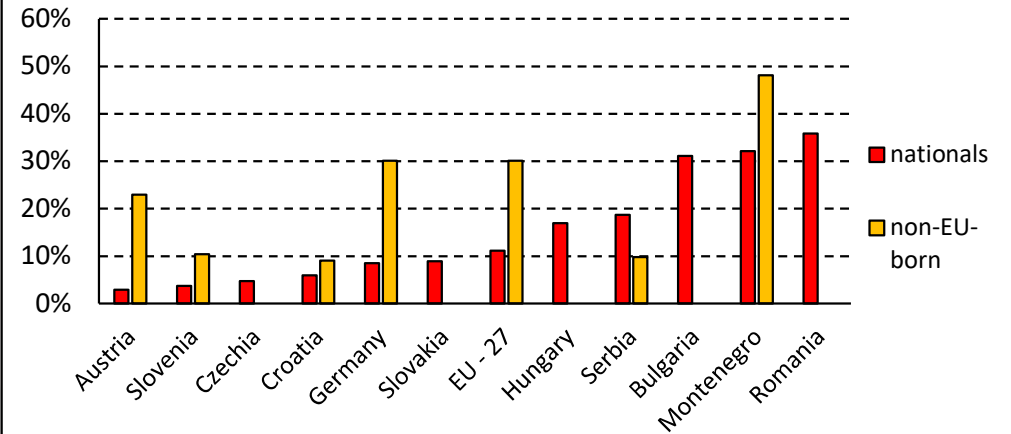
Material & Social Deprivation by Educational-Level 2020

Source: EUROSTAT



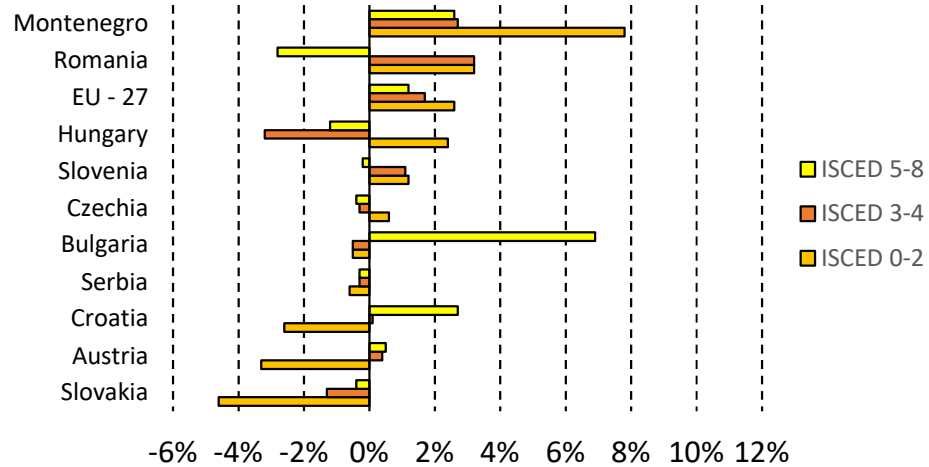
Material & Social Deprivation by Birth-Country 2020

Source: EUROSTAT



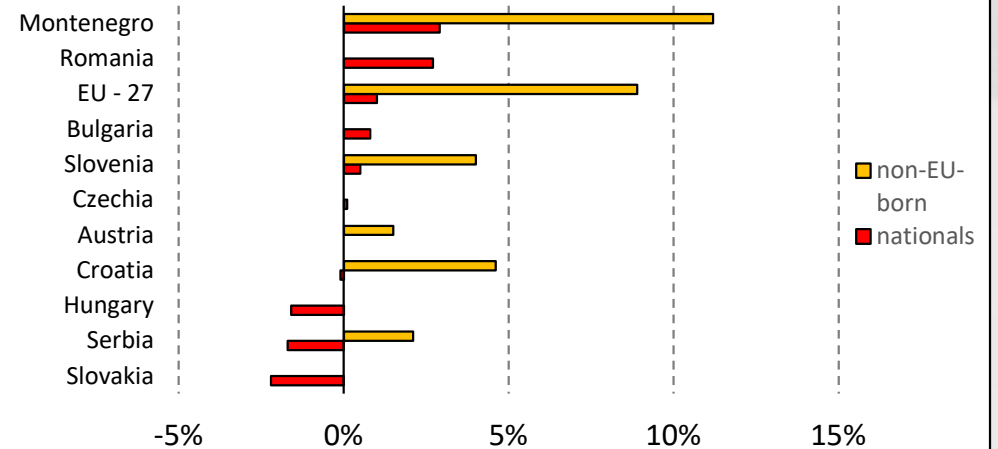
Development of Material and Social Deprivation by Educational-Level 2019 – 2020 (in %-points)

Source: EUROSTAT

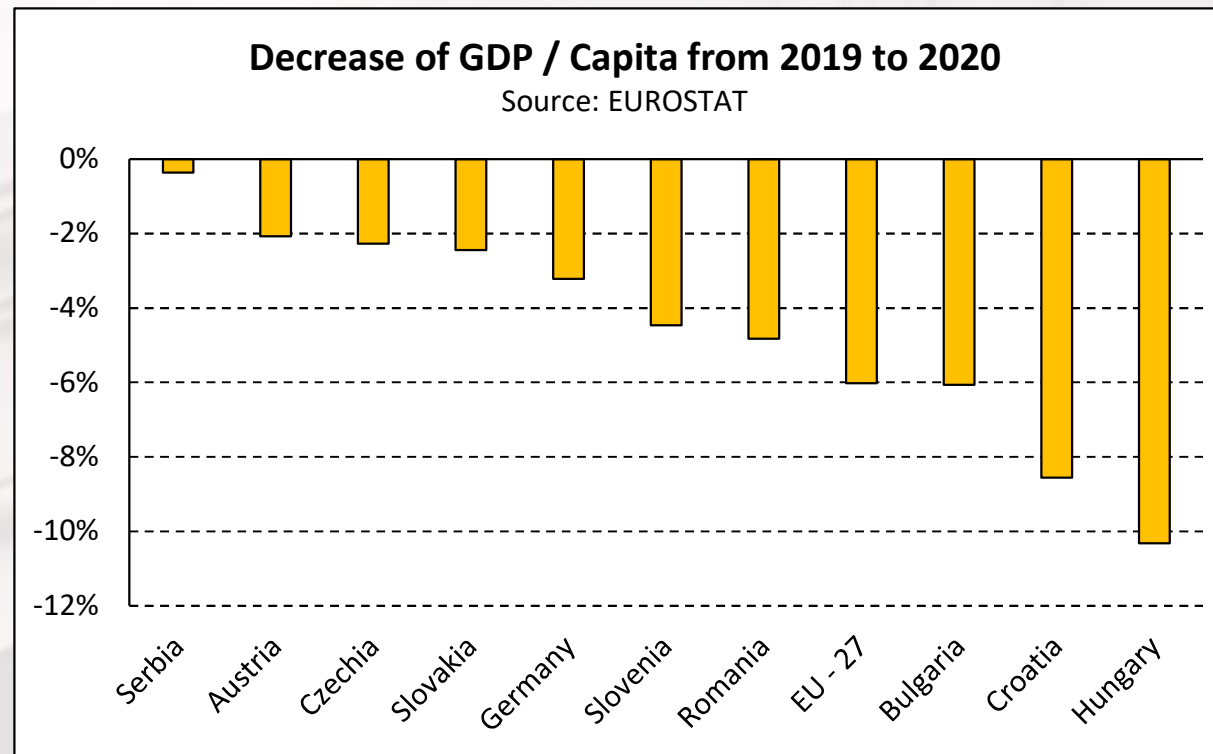


Development of Material & Social Deprivation by Birth-Country 2019 – 2020 (in %-points)

Source: EUROSTAT



3b) Economic Impact: Macro-Economic-Effects



❖ Educational Costs for Individuals & Society

- Decrease in prospect income of pupils 2 billion per month of school-closure (Kocher/Steiner, 2020)
- Future gross domestic product reduced by 1,1% if schools close a quarter of a school-year (Hanushek/Wössmann, 2020)

4) Summary & Conclusions:

❖ Summary:

- We witness effects on competences and educational careers
- Labor-market-integration declines
- Material and social deprivation rises
- Social differences grow even further: those disadvantaged before are even more effected by impacts of pandemic

❖ Because of these severe consequences school closure within the repertoire of policy measures to fight pandemic should be implemented as ultima ratio only!

❖ Mixture of interventions needed

- Short term measures
- Strengthening resilience of educational systems

4) Conclusions: Interventions

❖ Short Term Measures:

- Guidance at transition,
- Coaching and active integration strategy for drop-outs, ESL & unemployed youth
- Increase Support Structures in Schools (social work, school-psychology, ...) to allow teachers to concentrate on pedagogics/didactics.

❖ Strengthen resilience of educational system:

- Improve Digitalization
 - Hardware & digital competences & didactics
 - Pay attention to digital divide
- Empower Main Actors
 - Train pupil's capability of independent learning and implement less teacher-centered didactics
 - Strengthening autonomy of teachers and schools enabling them to find individual solutions



Thank you
for your
attention!

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