

An Roinn Airgeadais Department of Finance

Epidemiology & economy

Data as per 25th November



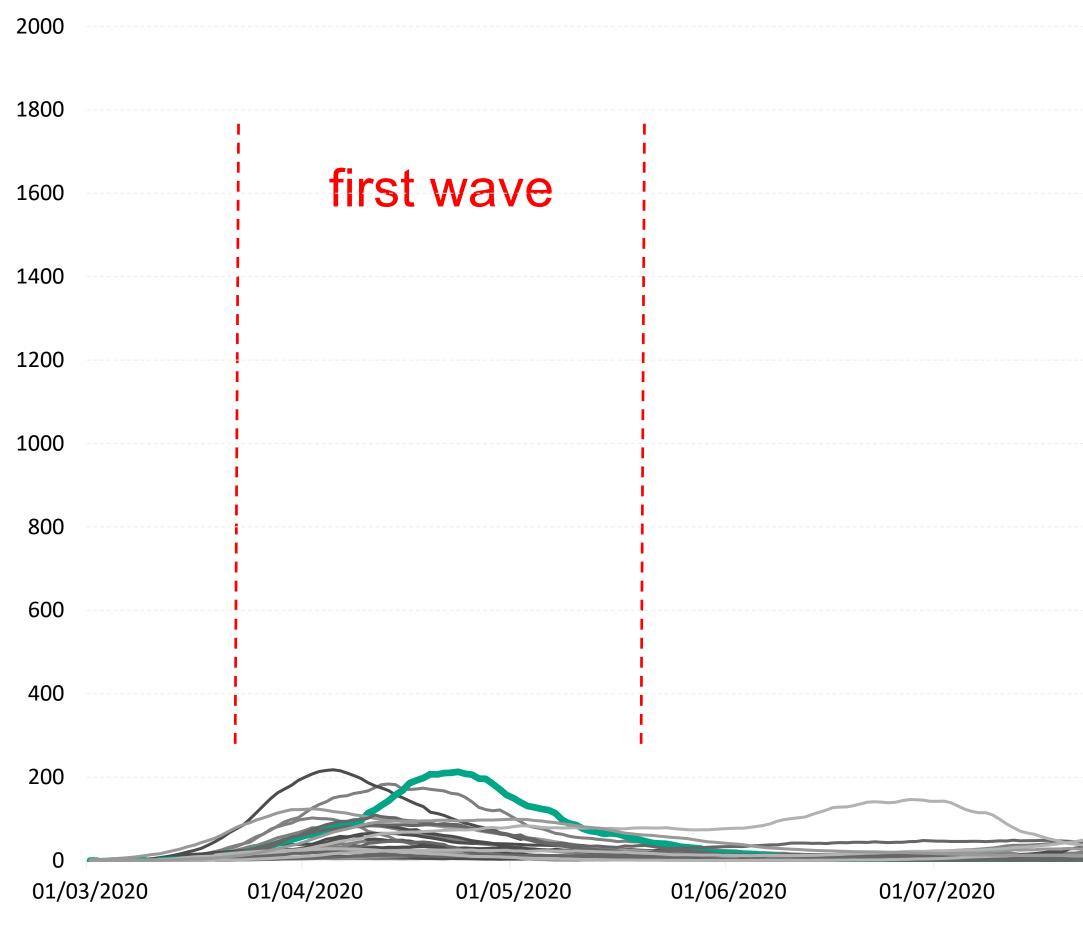
VIRUS INCIDENCE





COVID-19 INCIDENCE – Ireland and other European countries

Rolling 14-day incidence per 100,000 of the population



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second wave relan 01/08/2020 01/11/2020 01/09/2020 01/10/2020

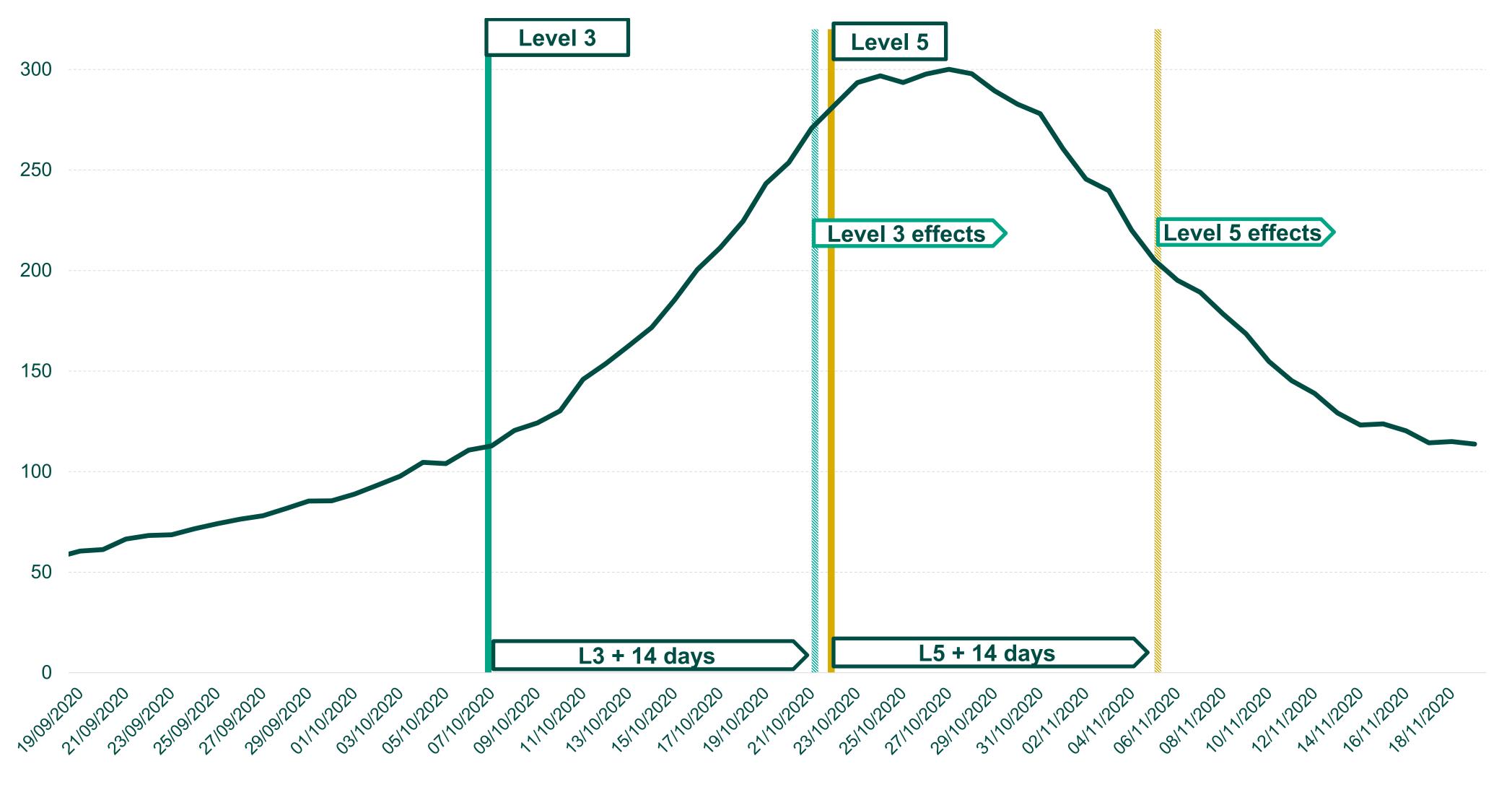
Source: ECDC, Dept of Finance calculations.





COVID-19 INCIDENCE – Ireland in second wave

14-day rolling average per 100,000 population



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Source: ECDC, Dept of Finance calculations Up to 19th November..



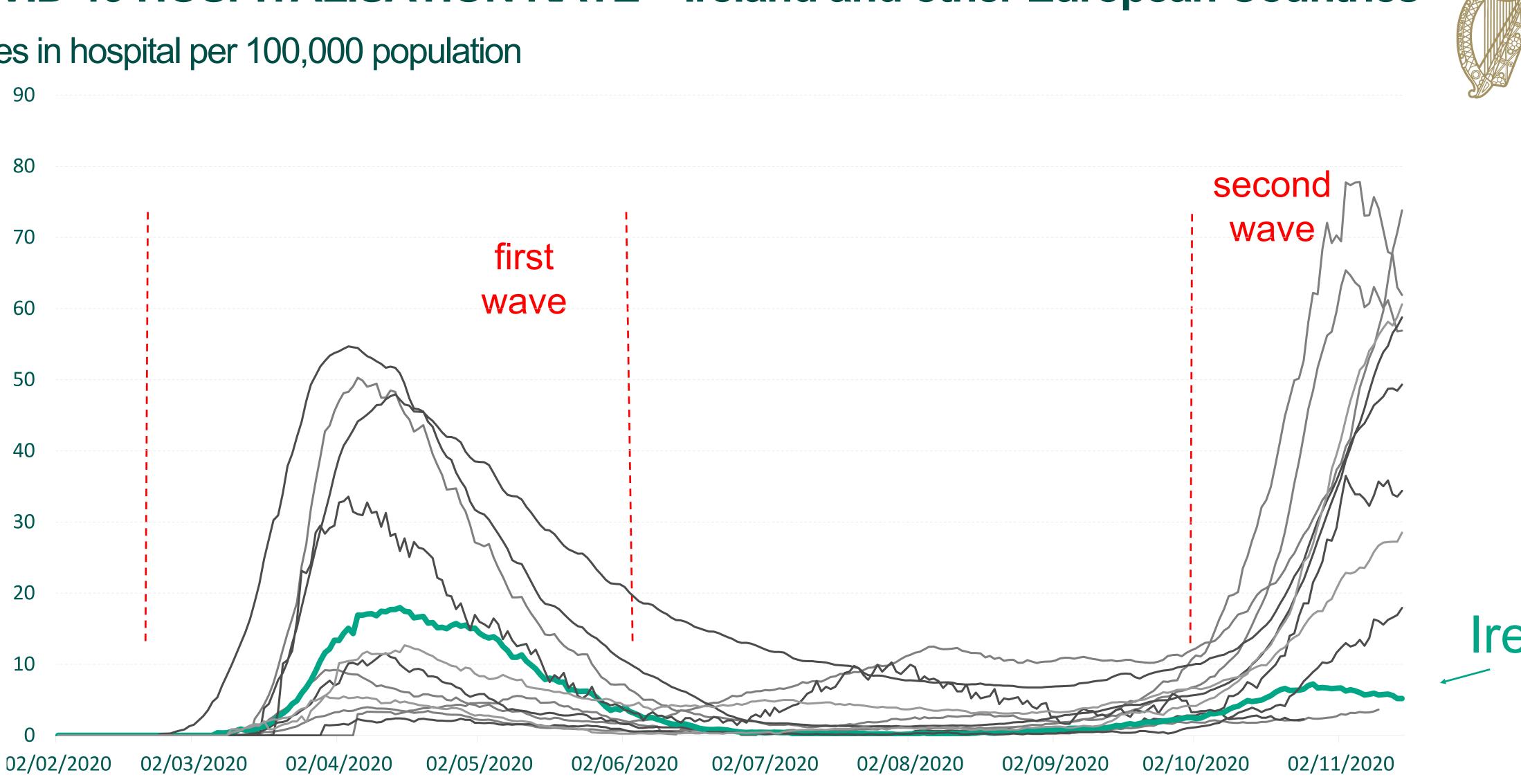
HEALTHCARE OUTCOMES





COVID-19 HOSPITALISATION RATE – Ireland and other European Countries

Cases in hospital per 100,000 population



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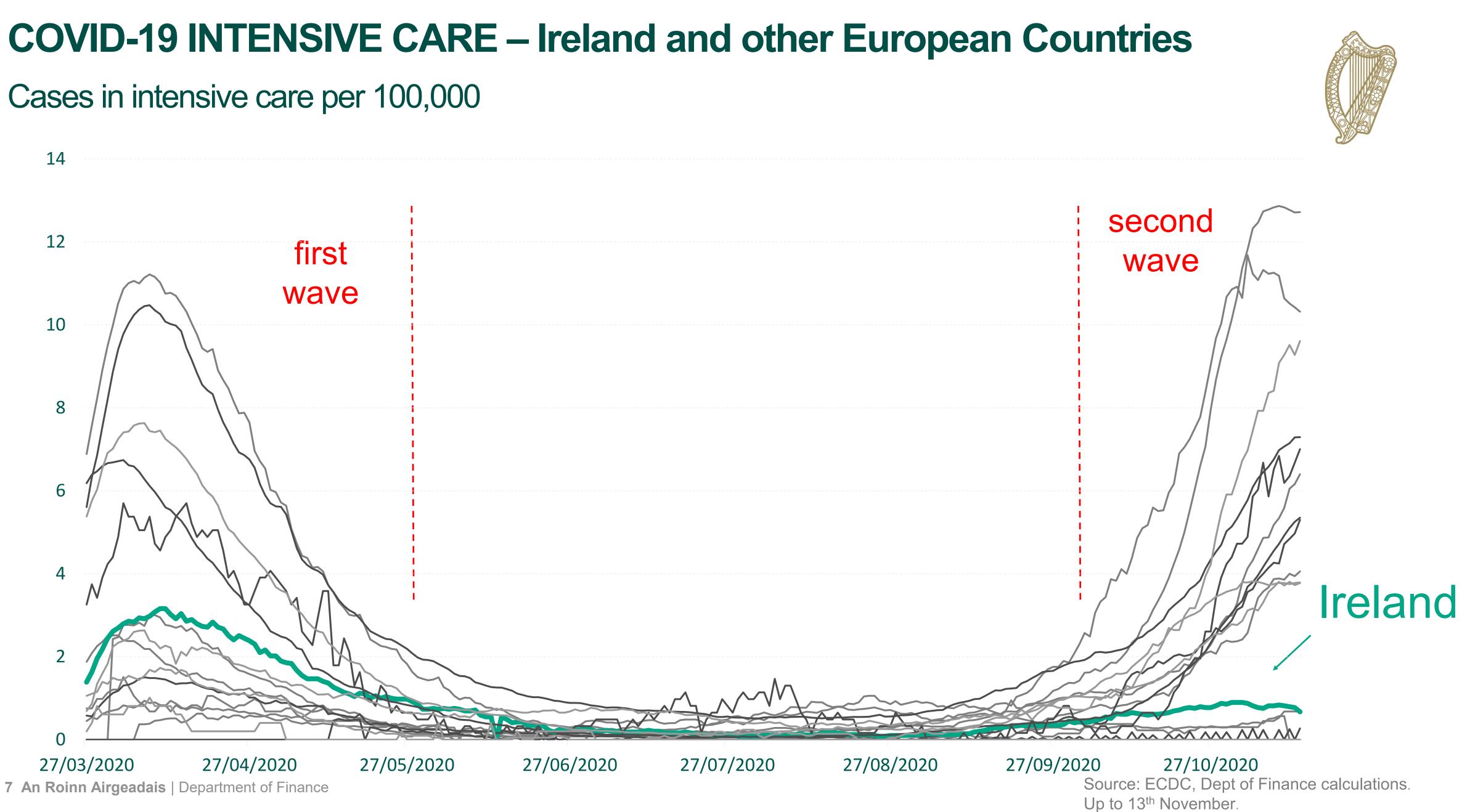
Source: ECDC, Dept of Finance calculations. Up to 15th November.







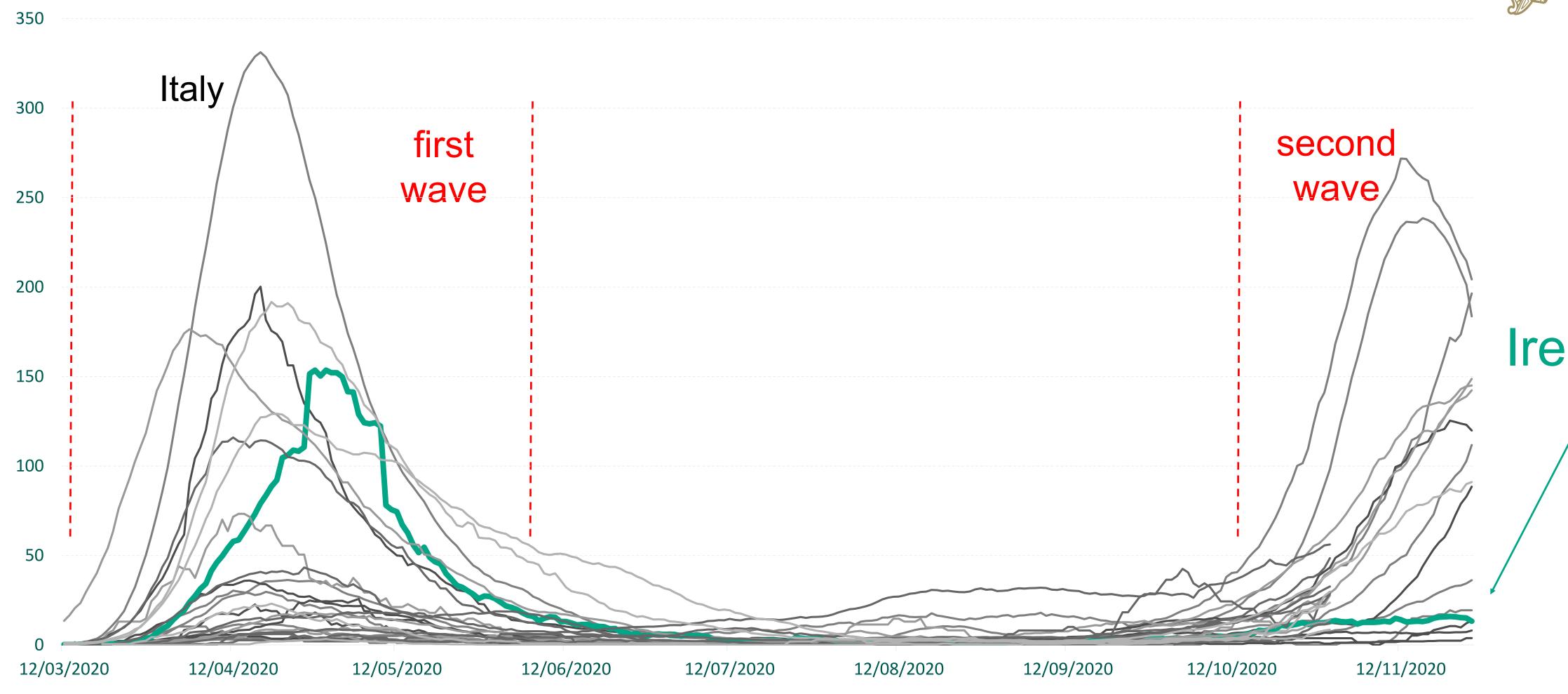
Cases in intensive care per 100,000





COVID-19 FATALITIES – Ireland and other European countries

Rolling 14-day fatalities per million people



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Ireland /

TESTING



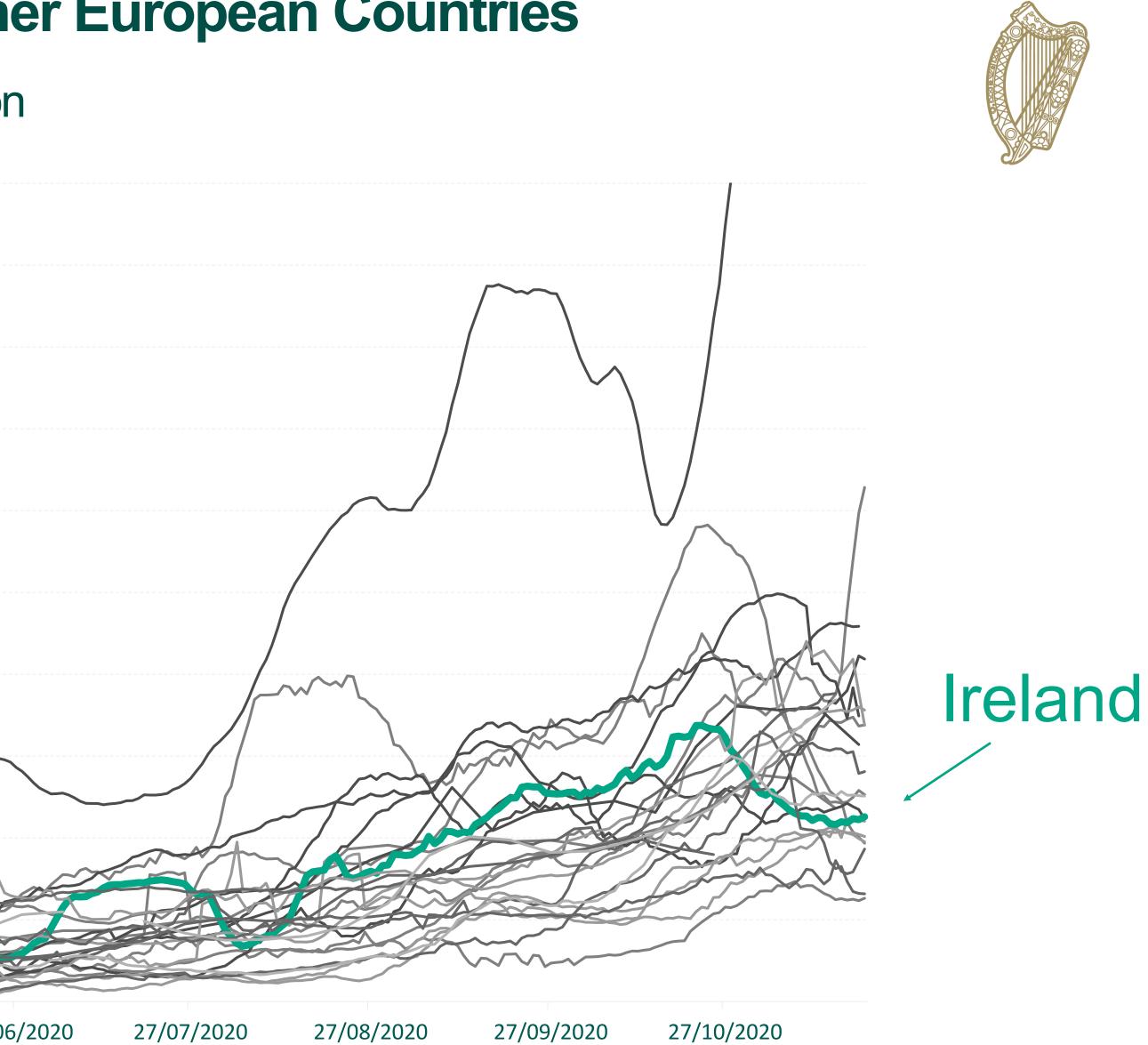


COVID-19 TESTING – Ireland and other European Countries

Rolling 7-day average of tests per 1,000 population

10						
9						
8						
7						
6						
5						
4						
3						
2						
1			Â			
0						
27/0	1/2020	27/02/2020	27/03/2020	27/04/2020	27/05/2020	27/06

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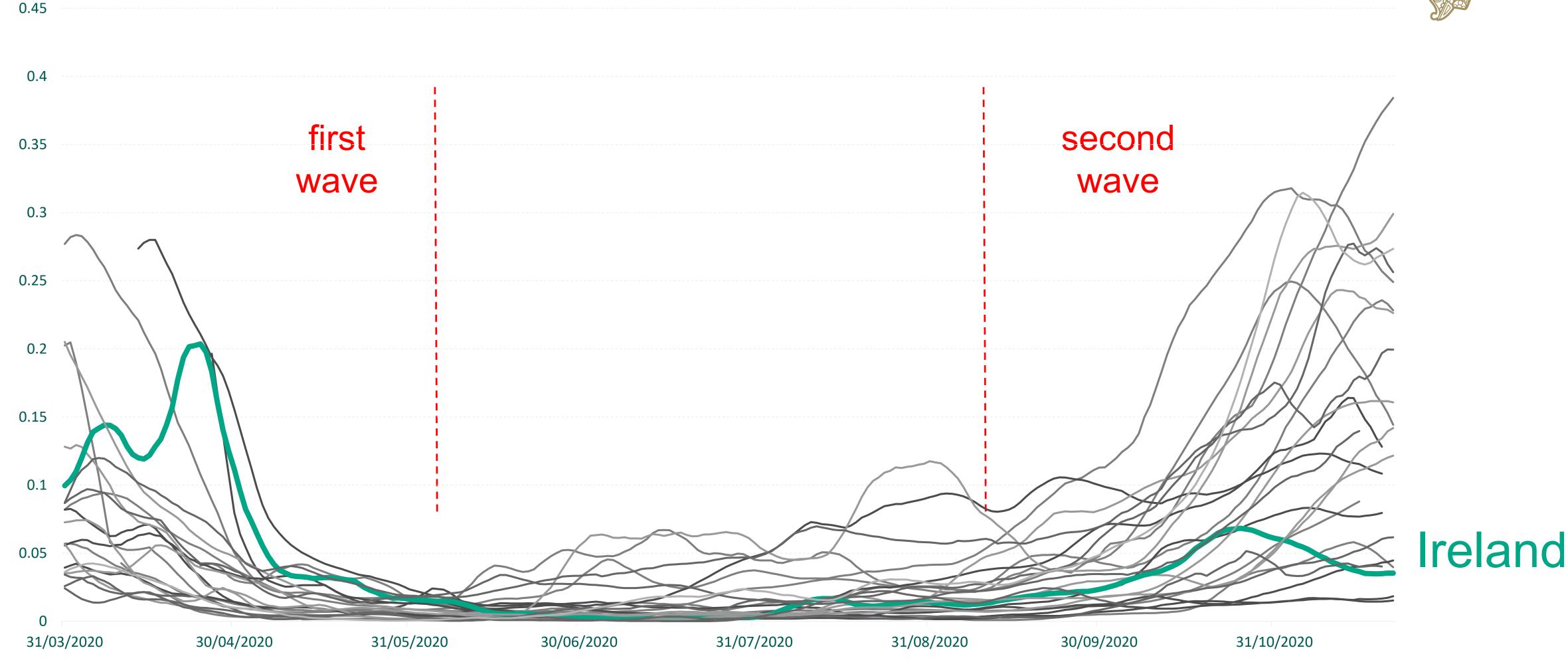
Source: Hasell, J., Mathieu, E., Beltekian, D. et al. A cross-country database of COVID-19 testing. Sci Data 7, 345 (2020). https://doi.org/10.1038/s41597-020-00688-8, Dept of Finance calculations. Up to 20th November.





COVID-19 TEST POSITIVITY – Ireland and other European Countries

Rolling 7-day average per cent



Source: Hasell, J., Mathieu, E., Beltekian, D. et al. A cross-country database of COVID-19 testing. Sci Data 7, 345 (2020). https://doi.org/10.1038/s41597-020-00688-8. Up to 20th November.







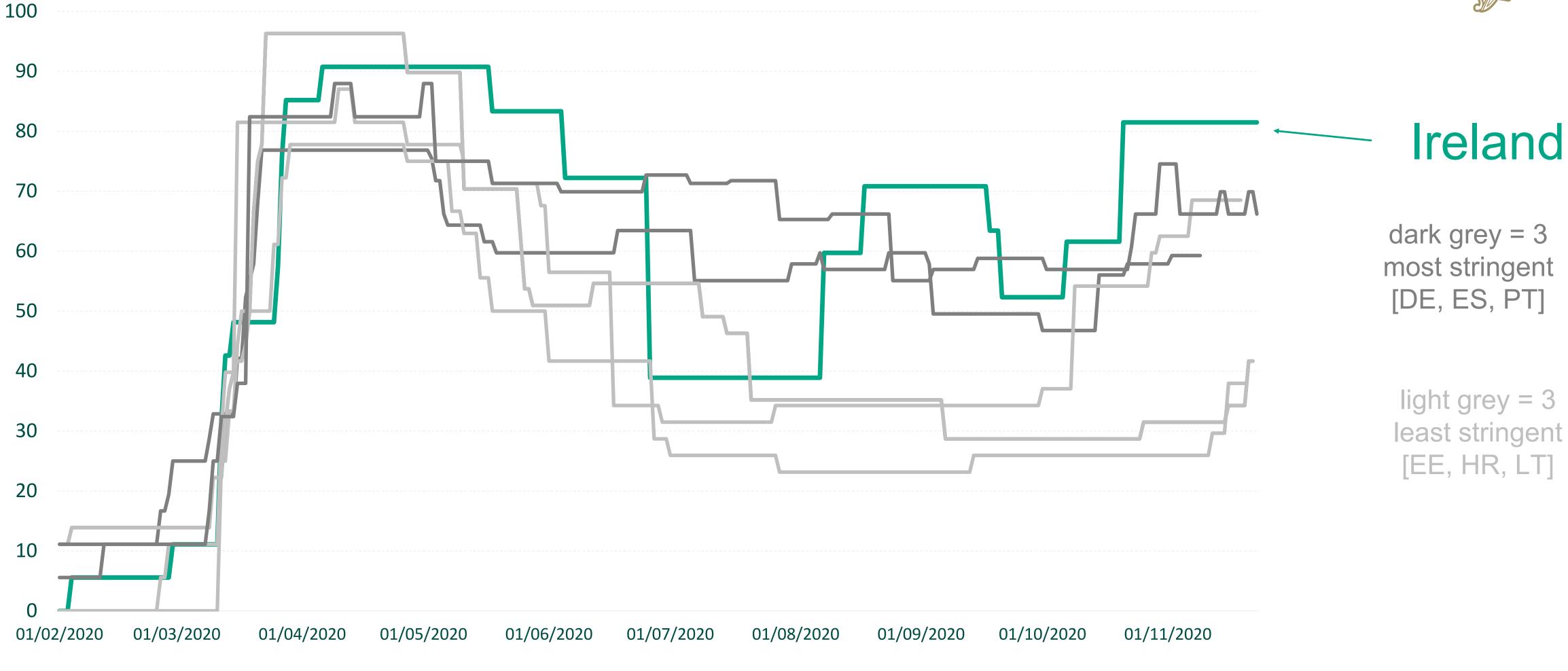
LOCKDOWN STRINGENCY AND ECONOMY





COVID-19 : Oxford Lockdown Stringency Index

100 = most stringent; 0 = least stringent



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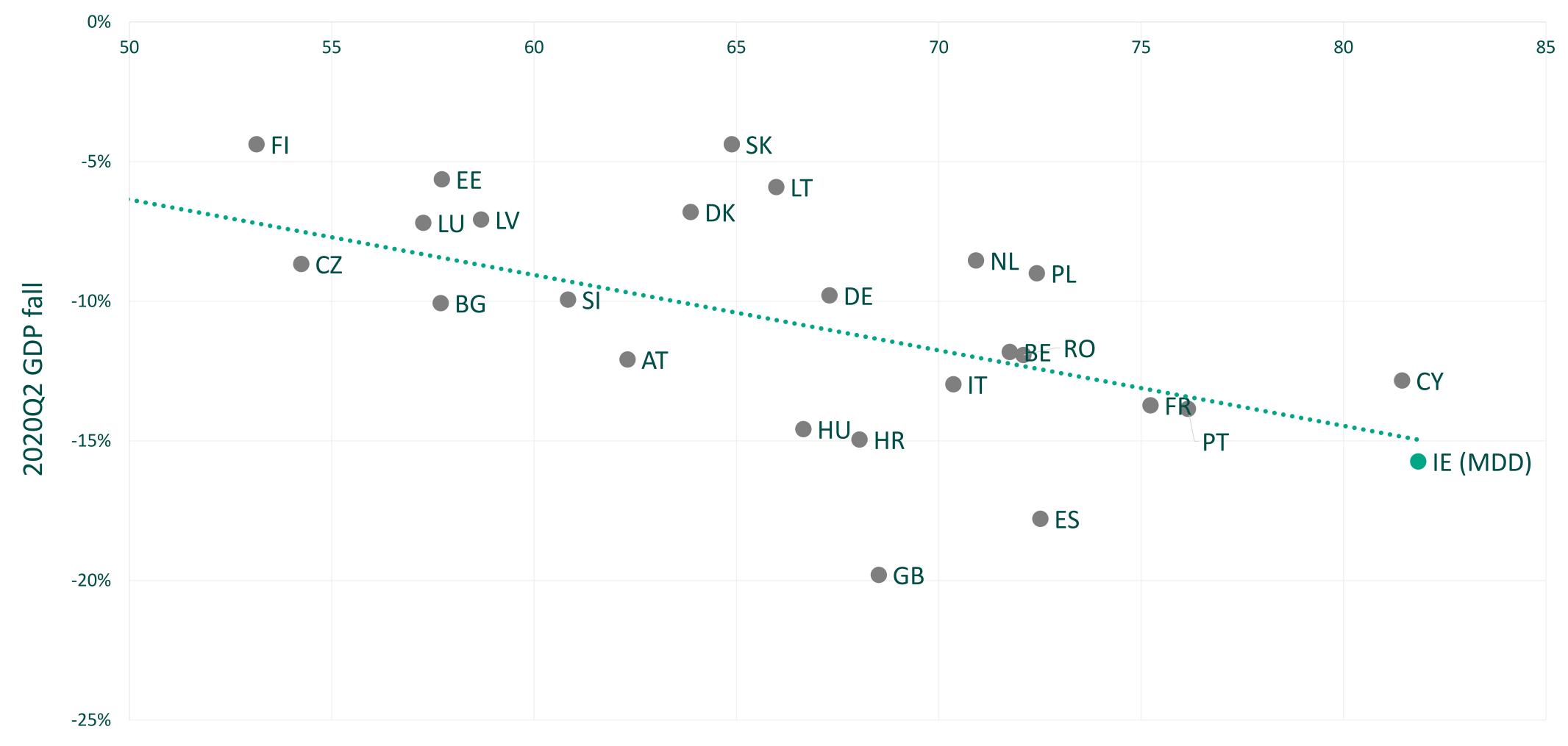


Source: University of Oxford. Up to 23rd November.





Lockdown stringency vs. GDP impact



Oxford Stringency Index (Q2 avg.)





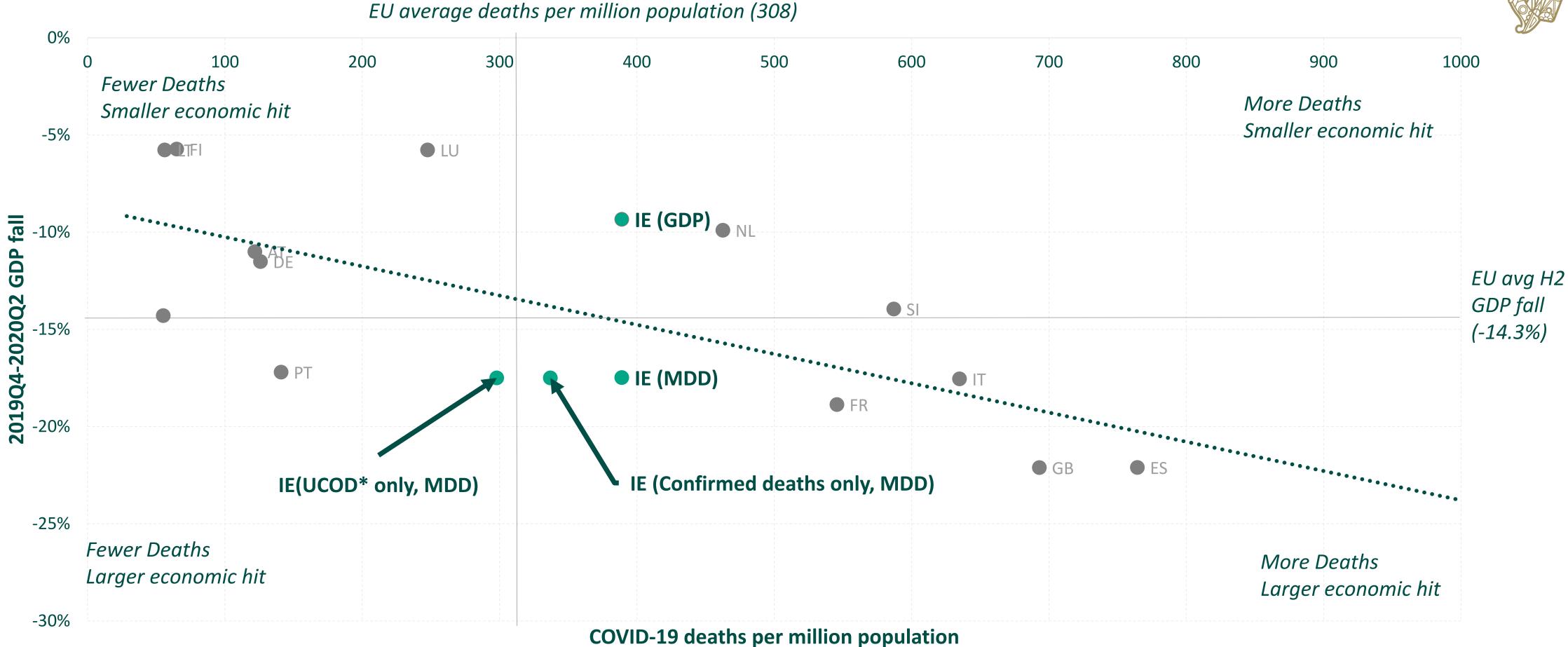
A FRAMEWORK FOR THINKING ABOUT TRADE-OFFS







Health / Economic Trade Off



Note: UCOD data is only available up to 31st October; in order to ensure like-with-like, the average death rate for the ECDC data is also calculated and presented on the basis of data to end-October. If all ECDC data were used (i.e. data up to 25/11/20), the average death rate would be 426 per million instead of 308.

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***UCOD:** Underlying cause of death

Source: ECDC, HPSC (COVID-19 confirmed deaths), CSO (UCOD), Dept of Finance calculations. Data: To 31st October 2020 Adapted from *The Financial Times*



Policy trilemma – graphical illustration

