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Health System Resilience 2021 – Irish Data (a taster)

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With Louise Marron, Paul Kavanagh, Domnhall Mcglacken-Byrne, Sarah Parker,
Sara Burke

Scope

Translation of resilience ideas and identified metrics into an Irish context

By health system function

— Finance, Service Delivery, Resources, Governance

Reflections and Next Steps

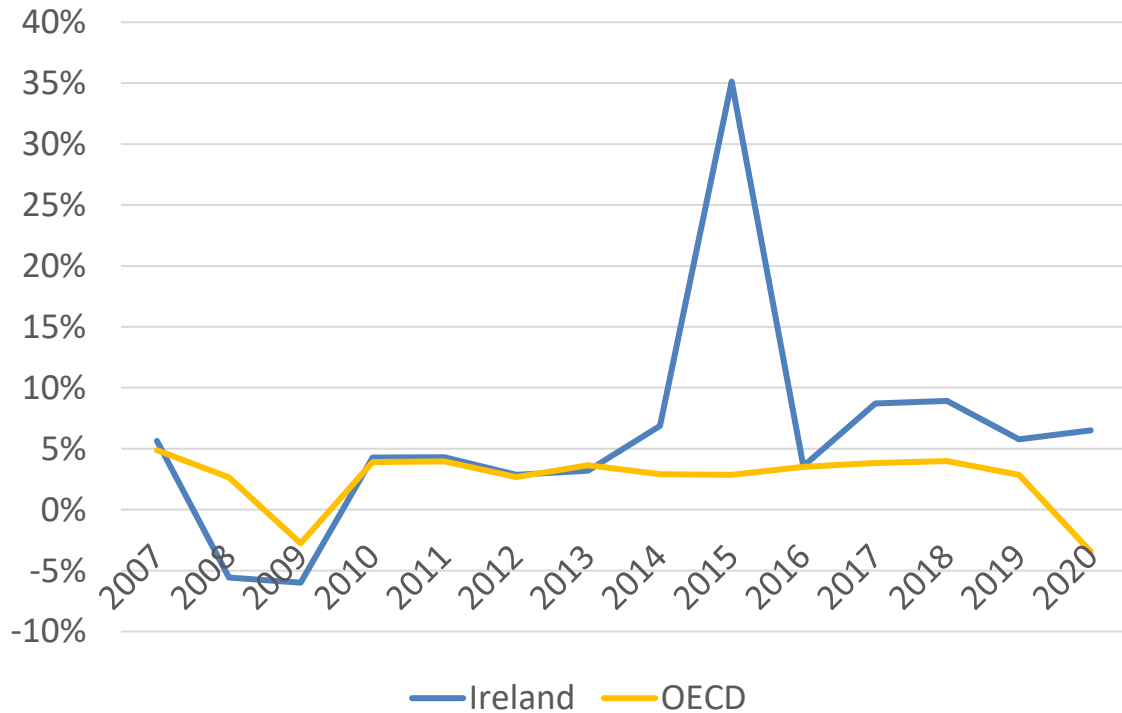


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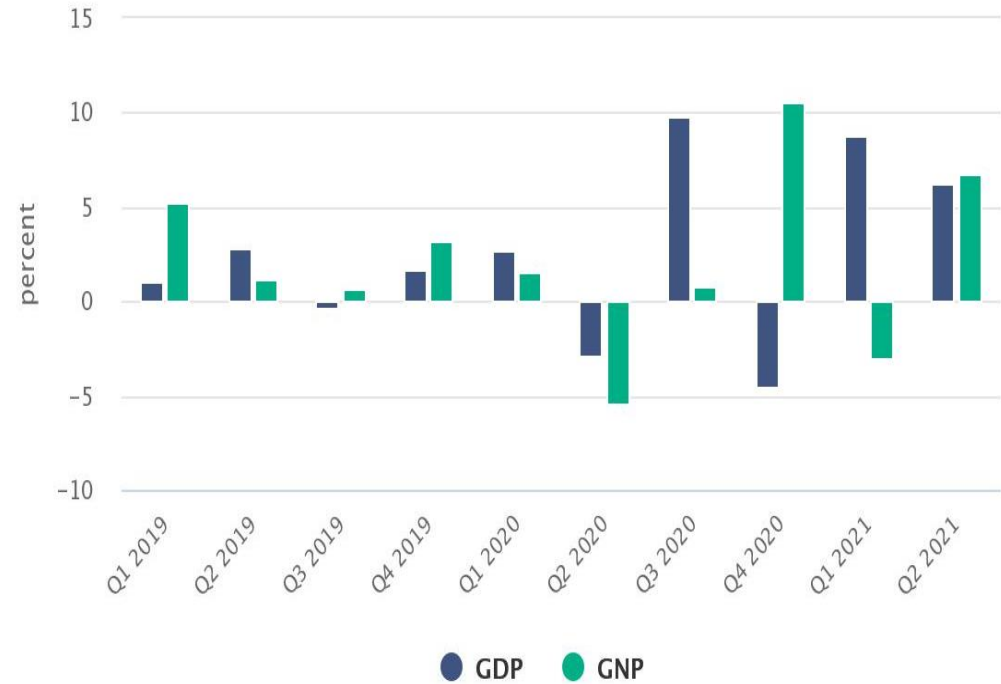
Finance



Economic Growth (from shock to shock)



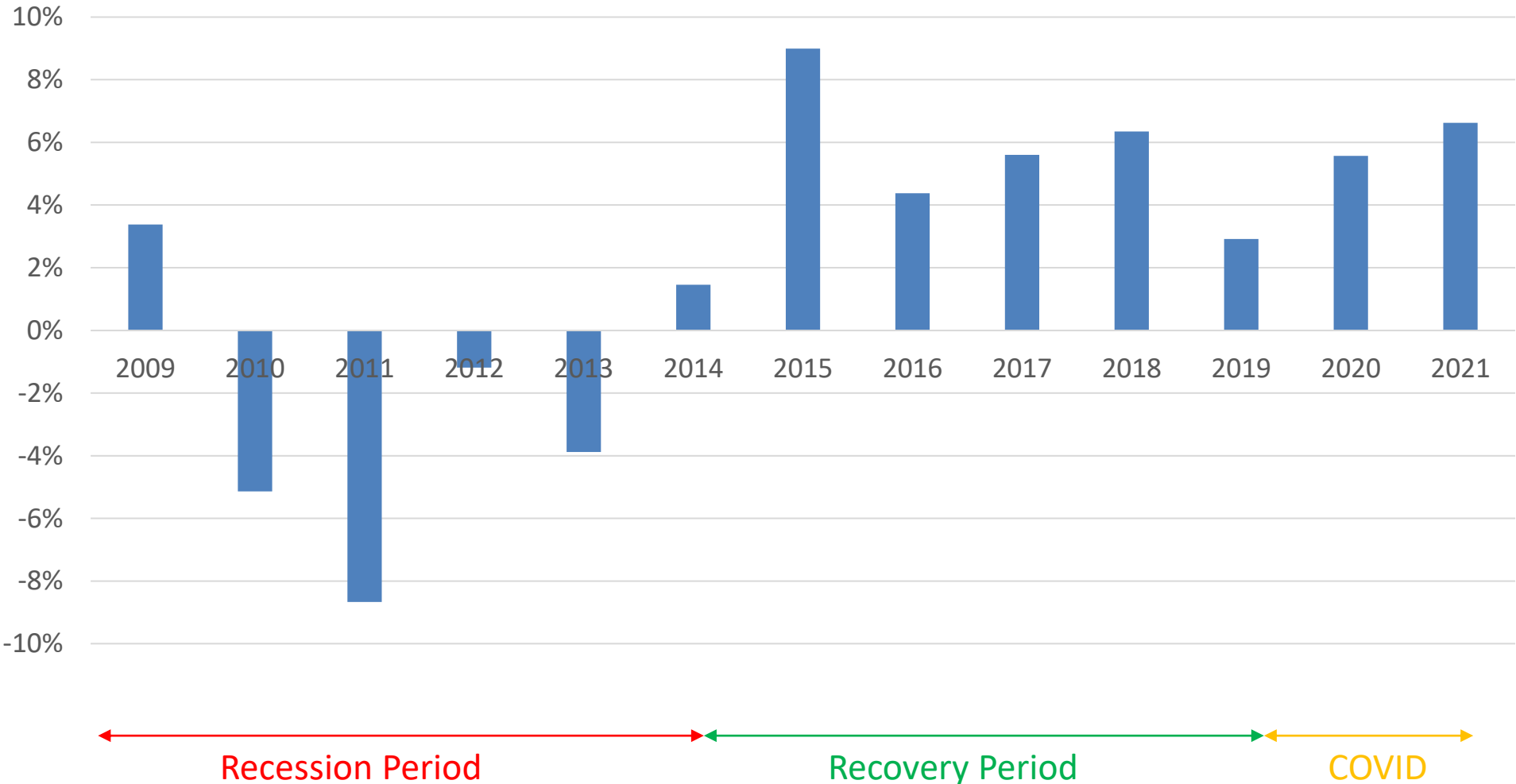
Annual GDP Growth % (2007-2020)



Seasonally Adjusted Growth Rate of GDP & GNI (% change over previous quarter), Q1 2019-Q2 2021

Source: CSO Ireland

Health Spending from crisis to crisis (Annual Change in Real Current Public Health Expenditure per capita)



Out of Pocket Payments and Universality

UHC key commitment (Sláintecare) and Measure of Resilience

- Slow progress pre COVID

All COVID related care free

But fees for all other services stayed much the same

- except for a moratorium on diagnostic charges Jan-Feb 2021

Unmet need and Backlog



Health Policy
Volume 125, Issue 3, March 2021, Pages 277-283



Sláintecare implementation status in 2020:
Limited progress with entitlement expansion ☆

Steve Thomas  , Bridget Johnston, Sarah Barry, Rikke Siersbaek, Sara Burke

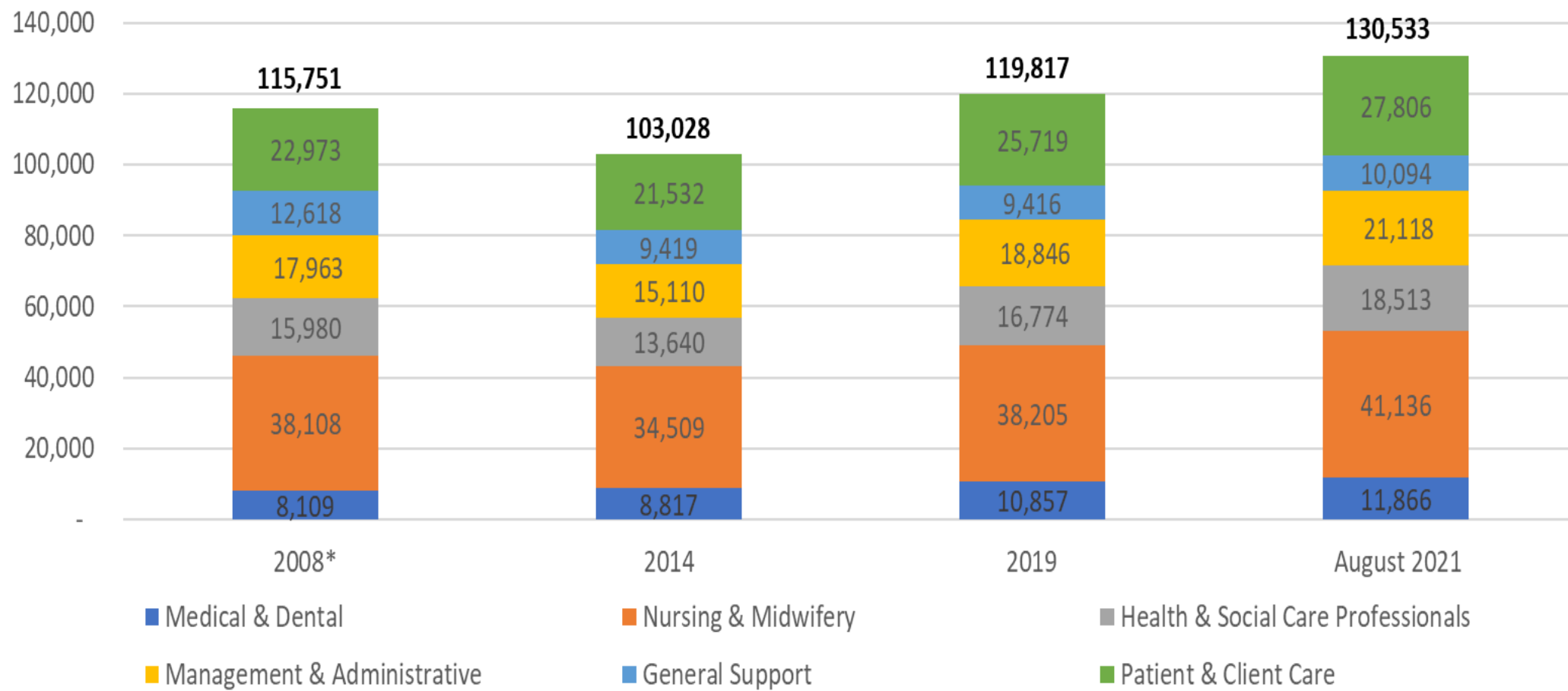


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Human Resources

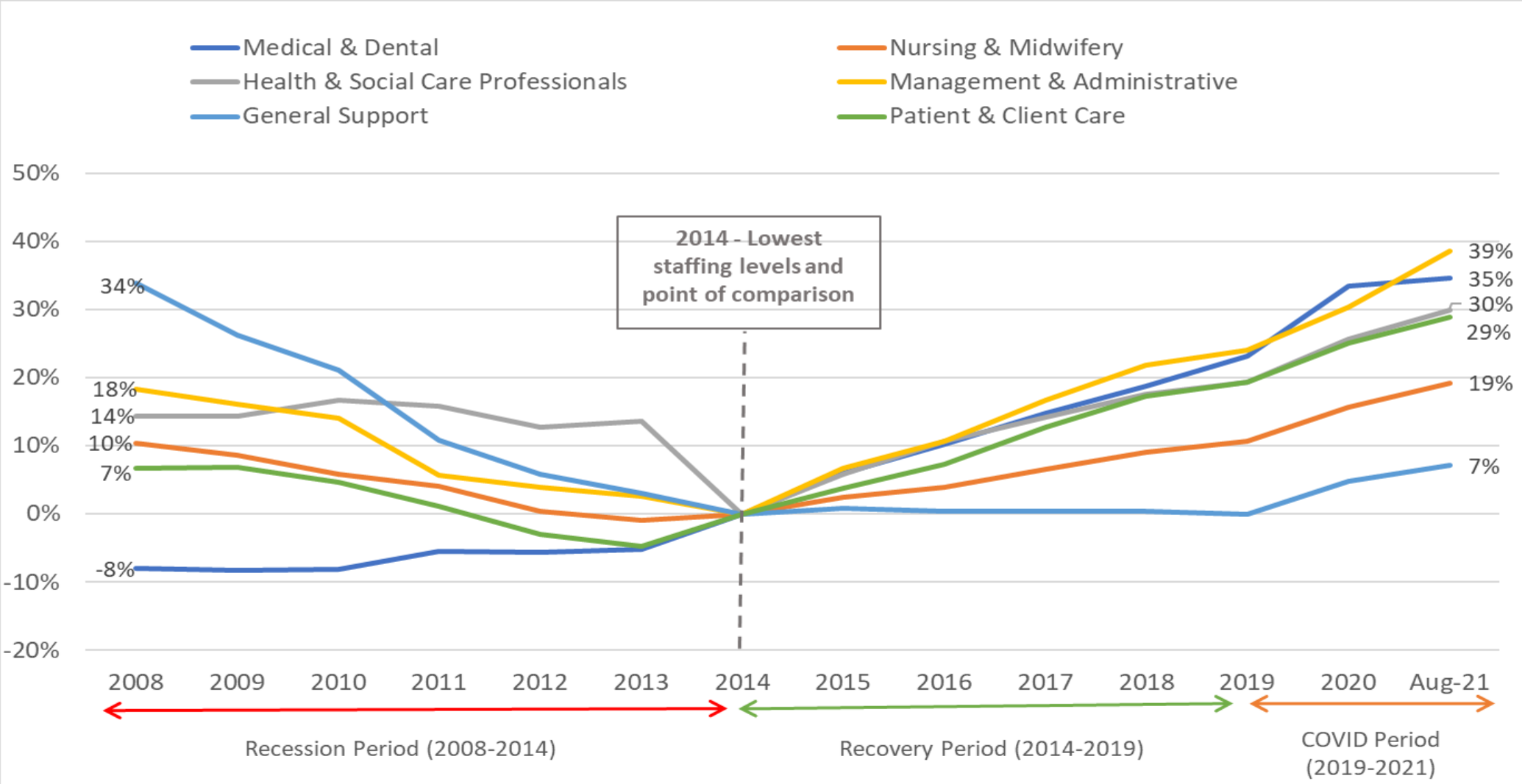


HR Supply I

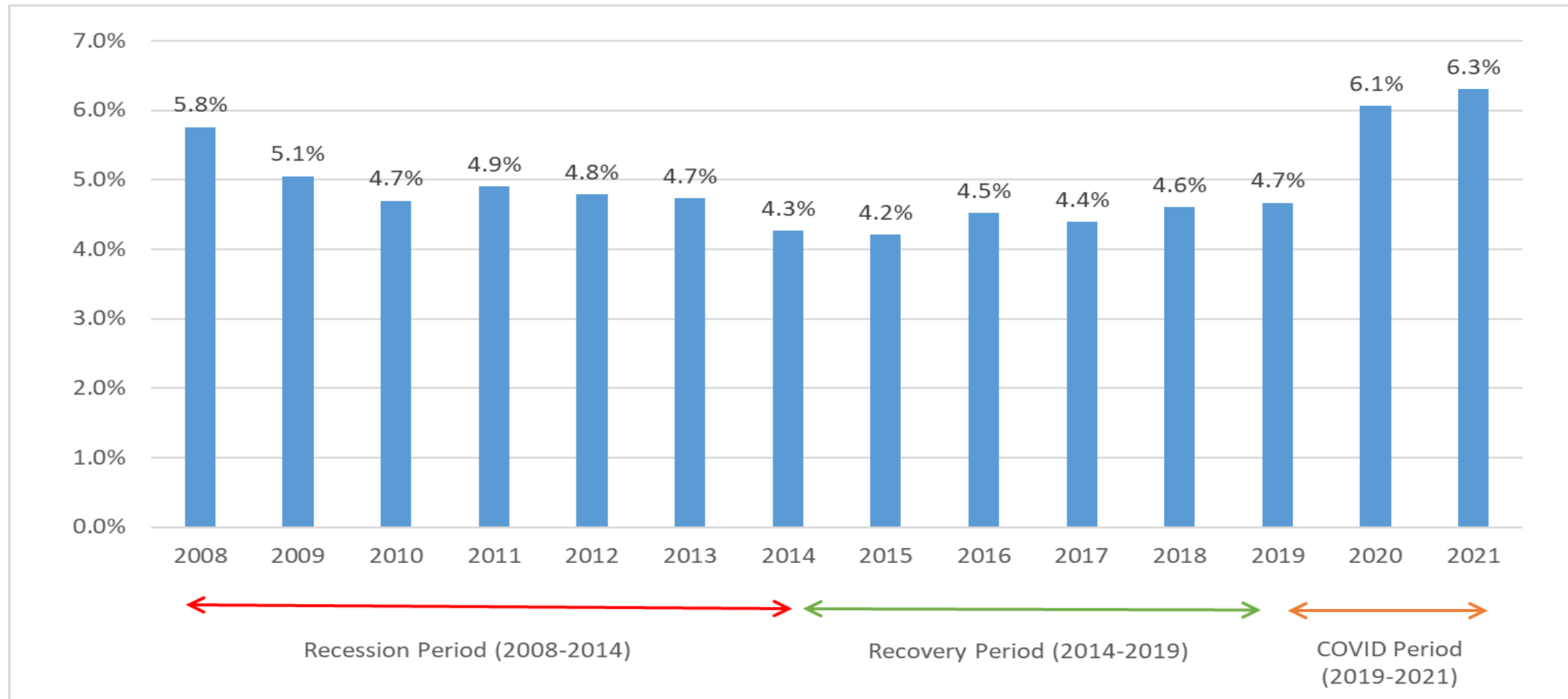


* includes 3390 staff from child and family services who were transferred out of the health service in 2014

HR Supply II



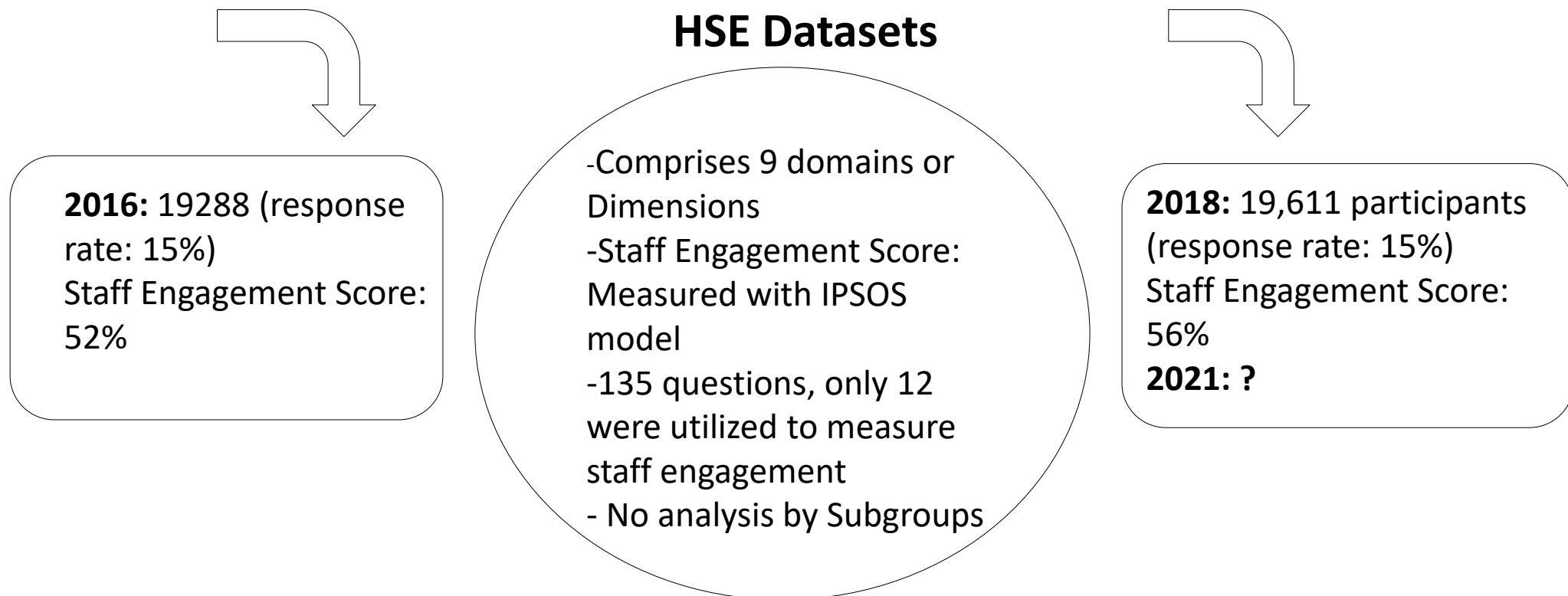
HR Motivation/Engagement - Absenteeism



RESTORE: Staff Engagement in Irish Health Care System. General trends and particular features by subgroups

AIM

Assess health staff engagement in Ireland by measuring its general trends and the impact that particular features by subgroups have on the overall engagement score in the country.



RESTORE: Staff Engagement in Irish Health Care System. General trends and particular features by subgroups

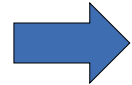
OVERALL RESEARCH DESIGN:

Repeated Cross-Sectional Design (Secondary Data Analysis): HSE datasets on Staff Engagement (2016,2018,2021)

Harmonisation of Datasets (2016,2018,2021)

- Data's representativeness (not response bias): The data will be weighted by Health Sector Area, HSE/Voluntary and Staff Category

-Evaluate the trends of the general score of staff engagement score in Ireland over time.

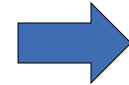


Variability in the staff engagement score by subgroups

Subgroups:

Gender/age/geography/areas of health services/professional cadre over time

Descriptive statistics (means and percentages)



Influence or moderator effect of the different subgroups over the overall staff engagement score in the three waves (2016,2018,2021)

Correlation, regression, and multivariate data analyses

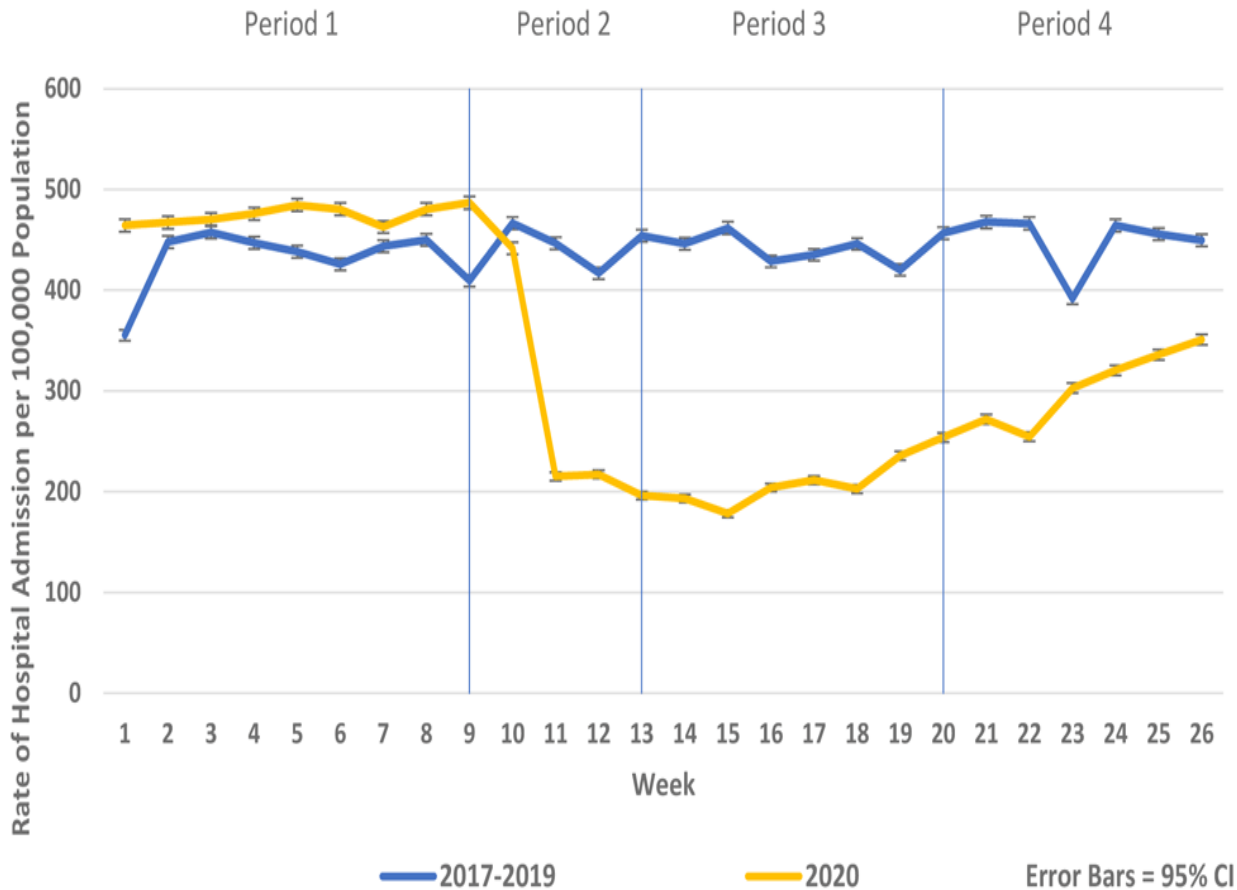


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Service Delivery

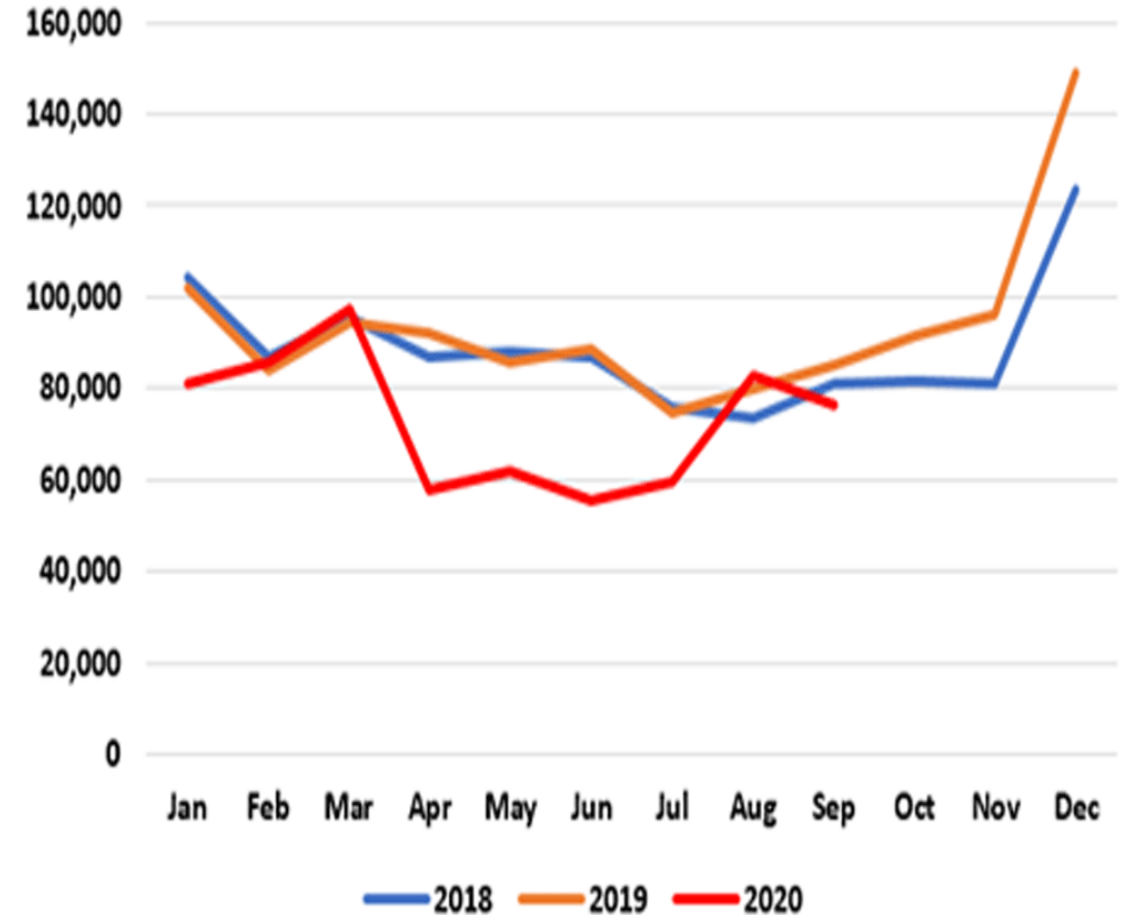


Weekly rate of non-COVID-19 elective admission per 100,000 population 2017–2019 vs 2020



Marron L, Burke S and Kavanagh P. The public health and health system implications of changes in the utilisation of acute hospital care in Ireland during the first wave of COVID-19: Lessons for recovery planning [version 1]. HRB Open Res 2021, 4:67 (doi: 10.12688/hrbopenres.13307.1)

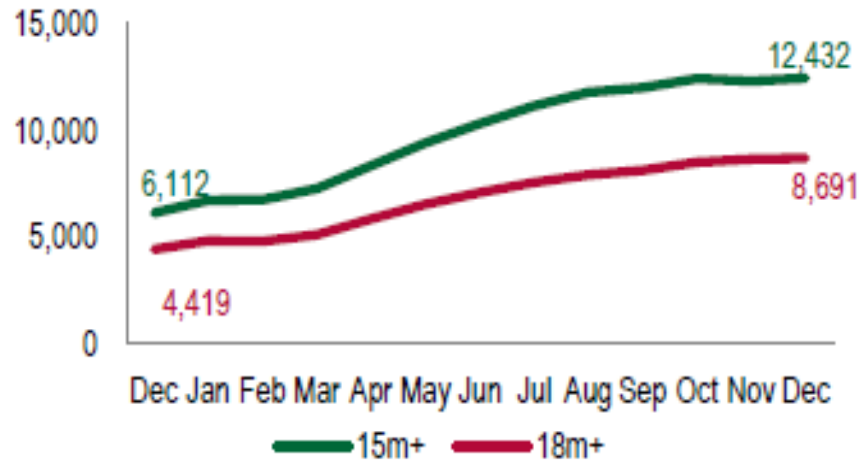
Monthly use of GP out-of-hours services (2018-2020) (from HSE Performance Reports).



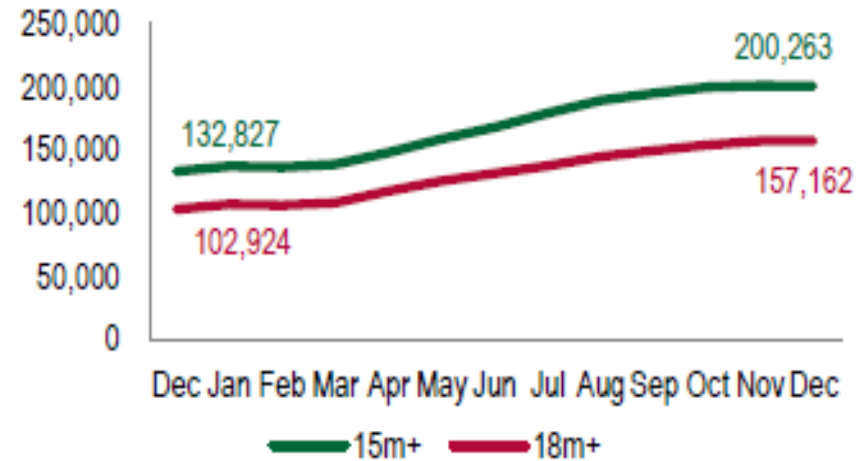
McGlacken-Byrne D, Parker S and Burke S. Tracking aspects of healthcare activity during the first nine months of COVID-19 in Ireland: a secondary analysis of publicly available data [version 1]. HRB Open Res 2021, 4:98 (doi: 10.12688/hrbopenres.13372.1)

Longer Waits and the Backlog 2020 (from HSE Performance Profile October to December 2020).

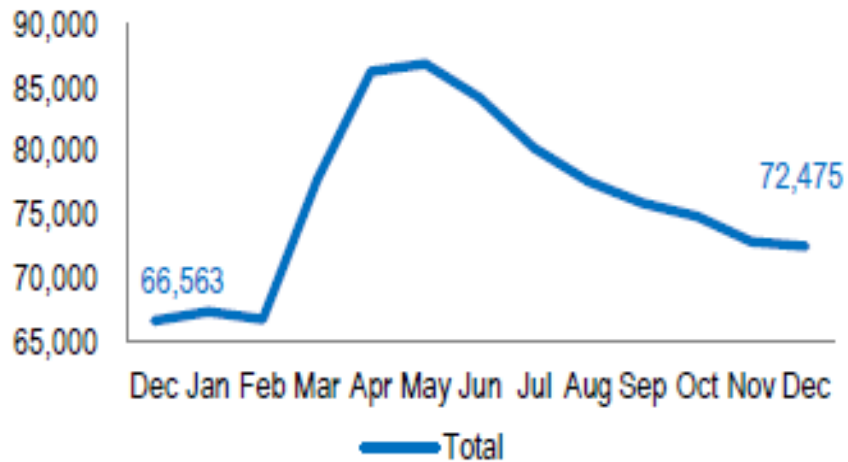
Inpatient & Day Case Waiting List



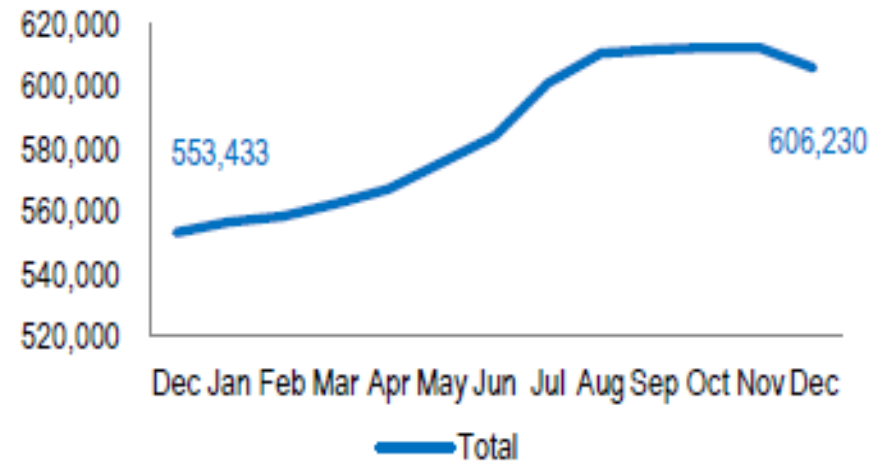
Outpatient Waiting List



Inpatient & Day Case Waiting



Outpatient Waiting List Total





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Governance



Key Governance Themes

Catalyst/Accelerator/Enabler:

- Information Technology, Health Reform

Spotlight for action:

- Private nursing homes, Protection of Staff, Vulnerable groups, ICUs

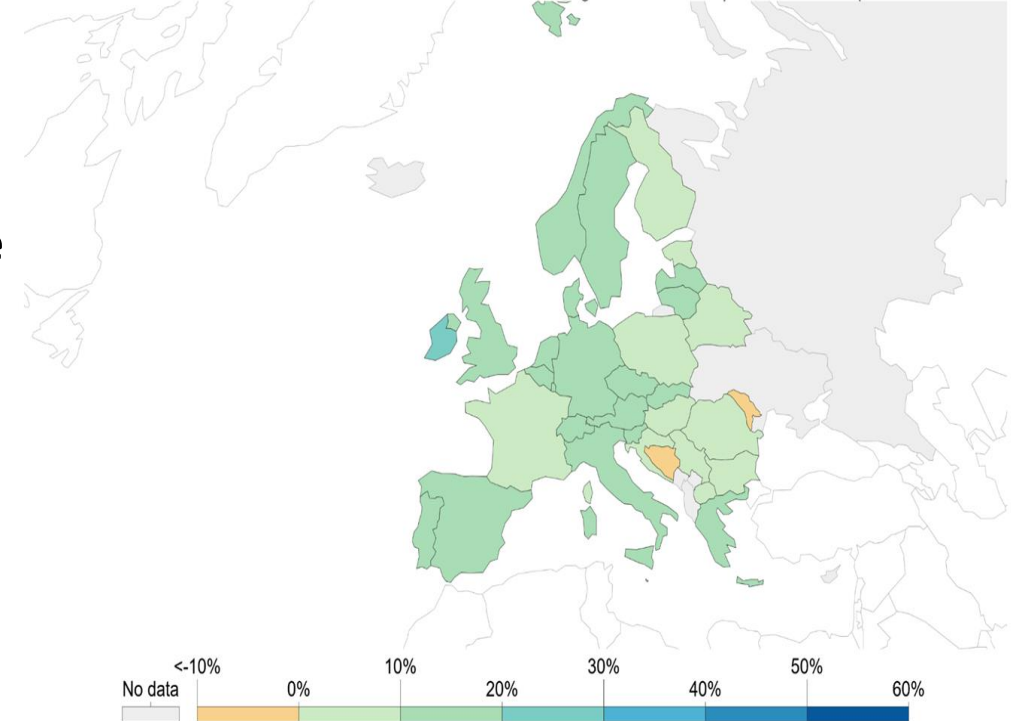
Leadership and Communication

- Taking people with you
- Vigilance
 - Clifden golf club, Christmas 2020
- Learning with private sector

Residential areas: How did the time spent at home change since the beginning of the pandemic?, Jan 15, 2021



This data shows how the number of visitors to residential areas has changed relative to the period before the pandemic.



Source: Google COVID-19 Community Mobility Trends – Last updated 18 January, 18:02 (London time) OurWorldInData.org/coronavirus • CC BY
Note: It's not recommended to compare levels across countries; local differences in categories could be misleading.

Reflections & Next Steps

- **Lessons learned from economic crisis**
 - No return to austerity (just yet)
- **But the macro resourcing trends mask problems**
 - Protecting our HR
 - Displaced care and the Backlog
 - Vigilance in governance
- **More data collection (interviews)**
- **PHSSR Project – LSE (13 country study) Measuring Health System Resilience and Sustainability**



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Thank You

