



**Trinity College Dublin**

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

## WG5: Economics of Perinatal Mental Health and Birth-Related Trauma

# Workgroup 5 Deliverables

- M5.1 Analysis of the economic burden of perinatal and birth-related trauma (Year 3 Quarter 1)
- M5.2 Theoretical/Position paper on existing methodological approaches, and development of an improved analytical framework for economic evaluations of traumatic birth interventions (Y4 Q2)
- M5.3 Grant application for an economic evaluation alongside a follow-on clinical study (Y4 Q3)



# Workgroup 5

## What can health economics contribute?

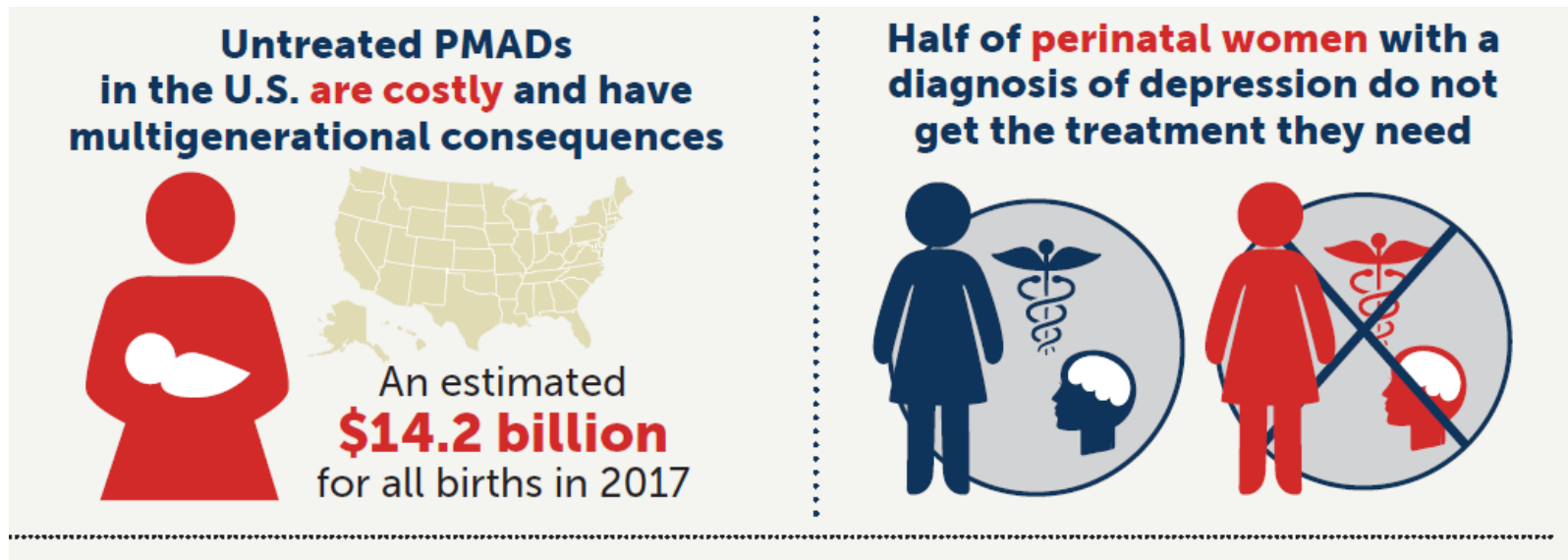
- Understanding of the **scale** of the economic burden imposed by this health problem
- Helping to elevate perinatal mental health and traumatic birth on the **health policymaking agenda**
- Provide empirical estimates of the **economic dividend** of better prevention, diagnosis, and management of affected women, children and families
- Improve our understanding of the clinical consequences among all those affected through **modelling outcomes** beyond available study follow up periods



# Workgroup 5

## Key findings to date

Luca et al 2019 - Societal Costs of Untreated Perinatal Mood and Anxiety Disorders in the United States



Significant cost implications, significant under-diagnosis and treatment

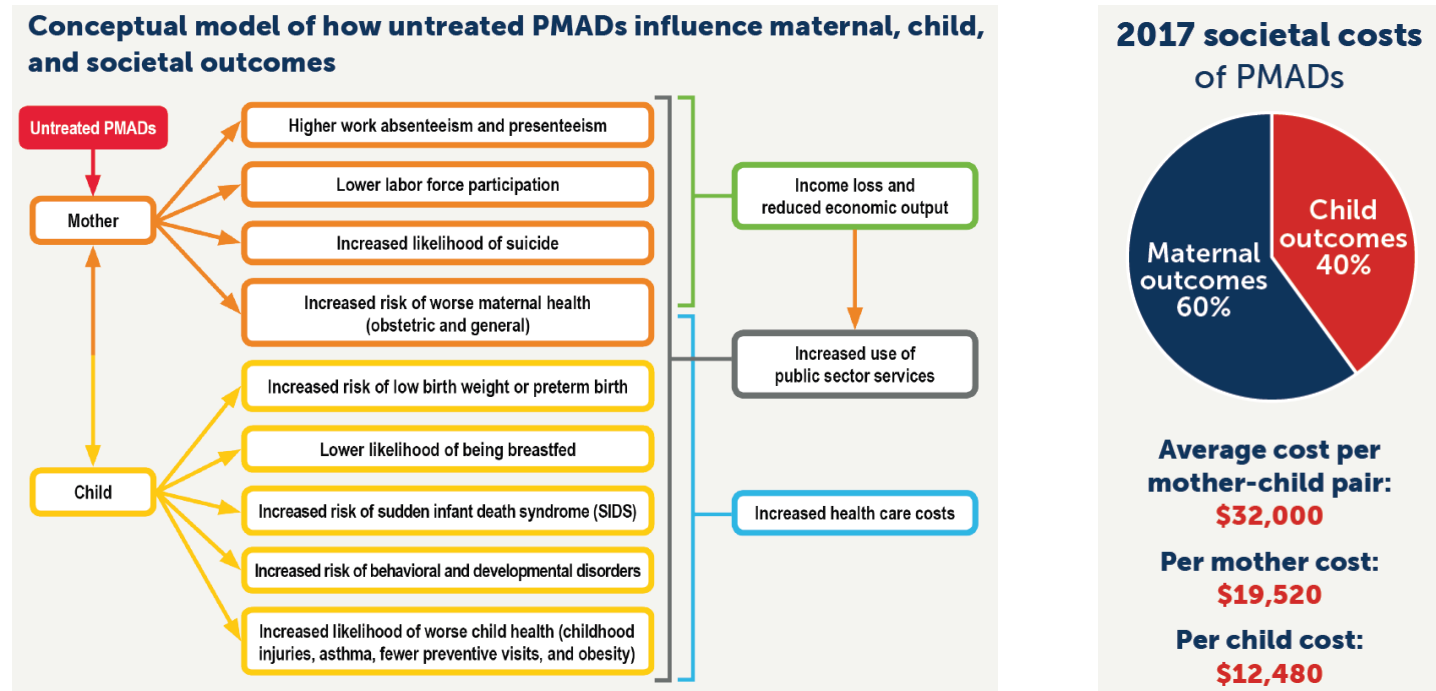


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## Key findings to date

Luca et al 2019 - Societal Costs of Untreated Perinatal Mood and Anxiety Disorders in the United States



Complex and wide ranging outcomes affects, long time horizon

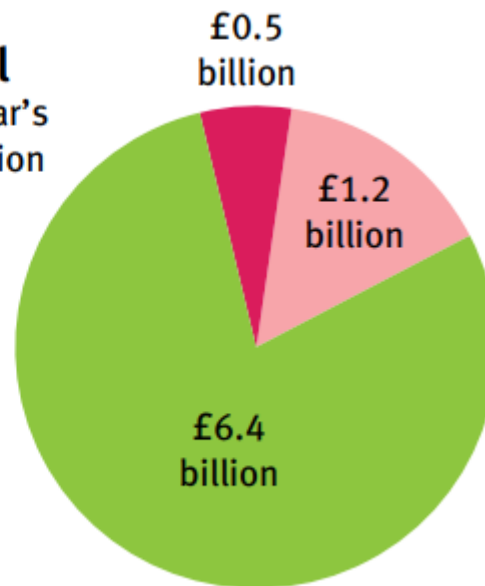
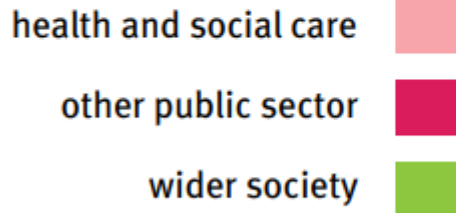


# Workgroup 5

## Key findings to date

Bauer et al 2014 - The costs of perinatal mental health problems (UK)

**Known costs of perinatal**  
mental health problems per year's  
births in the UK, total: £8.1 billion



Of these costs

**28%**  
relate to the mother

**72%**  
relate to the child



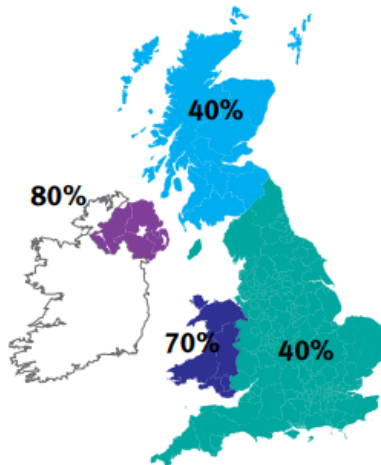
# Workgroup 5

## Key findings to date

Bauer et al 2014 - The costs of perinatal mental health problems (UK)

### Women in around half the UK

have NO access to specialist perinatal mental health services



### Costs v improvement

The cost to the public sector of perinatal mental health problems is **5 times** the cost of improving services.

Underprovision and underfunding of services that are likely to be cost saving



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- Work of WG5 will be heavily informed by activities of other WGs
- Data required may include
  - » country-specific data on the economic burden of trauma in childbirth
  - » the cost-effectiveness of interventions to identify, prevent and treat trauma
  - » socioeconomic disparities in health outcomes
  - » healthcare utilisation patterns of affected women
  - » intergenerational health consequences for mothers, children and families





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**New members welcome!**  
Thank you for your attention.

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