

YOUTH MENTAL HEALTH IN THE DIGITAL AGE: A MULTI-LEVEL UPSTREAM FRAMEWORK

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OBJECTIVE

To synthesise evidence surrounding youth mental health and propose a conceptual framework situating youth mental health within the context of the digital age.

BACKGROUND

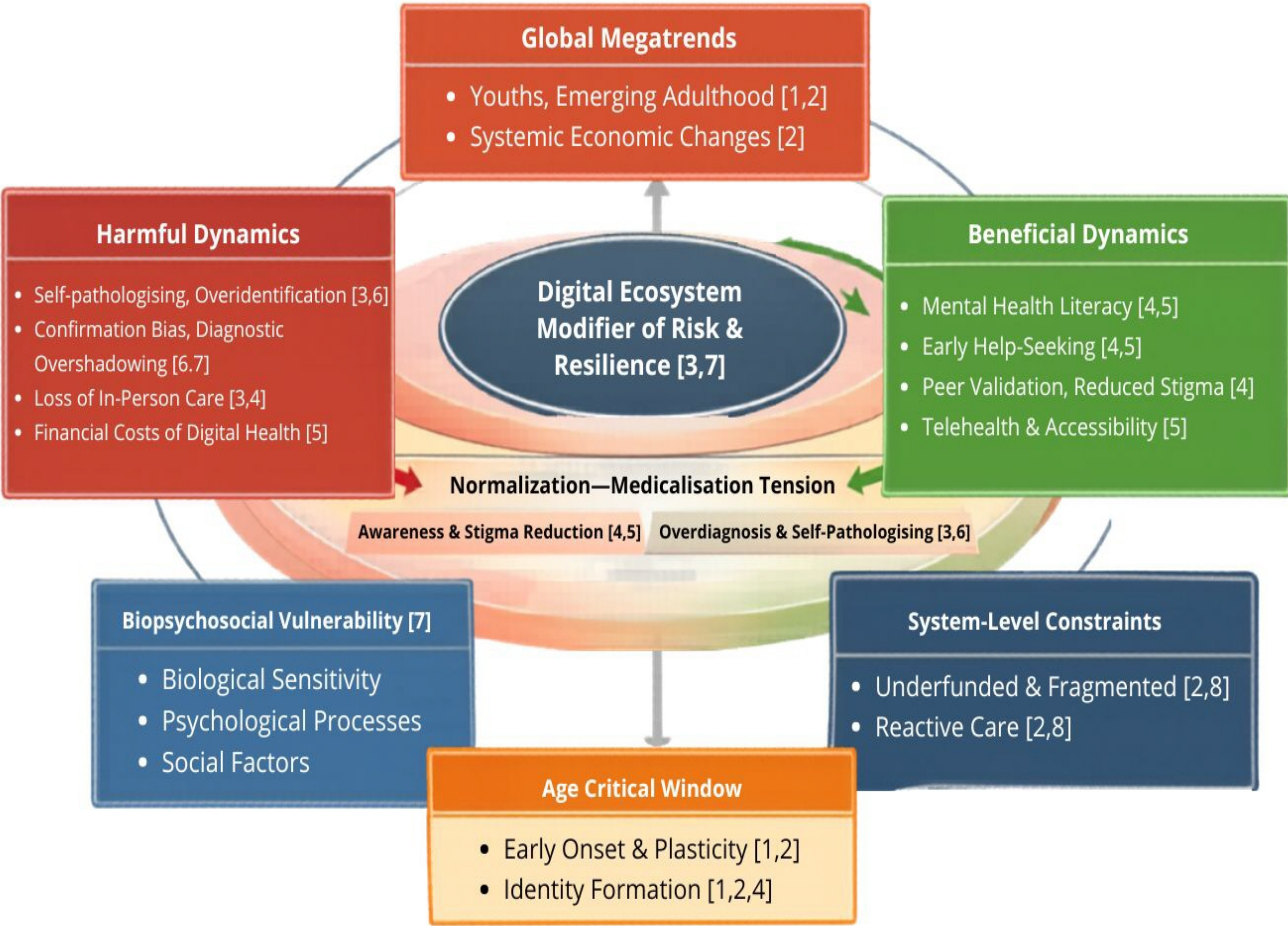
Youth represent the largest burden of mental illness globally, with most psychiatric disorders emerging before age 25. Despite growing recognition of youth mental health needs, systems remain predominantly reactive and treatment-focused. Concurrently, digital environments increasingly shape mental health, help-seeking and access to care.

METHODS

A systematised rapid review of international literature was conducted using APA PsycINFO, Embase and Ovid MEDLINE.

Additional thematic synthesis was informed by major policies, commissions and conceptual papers relating to:

- Youth mental health
- Biopsychosocial models
- Digital ecosystems
- Mental health systems



Numbers correspond to references in abstract.

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KEY FINDINGS

Youth Mental Health as a Developmental Priority

- Most mental disorders emerge before age 25
- Adolescence and emerging adulthood are critical periods of neurodevelopment and identity formation
- Early intervention provides opportunities for prevention and recovery

The Digital Ecosystem: Benefits and Risks

Beneficial Dynamics

- Increased mental health literacy
- Earlier help-seeking
- Reduced stigma
- Improved access through telehealth and digital interventions

Harmful Dynamics

- Self-diagnosis and self-pathologising
- Misinformation and diagnostic overshadowing
- Reduced engagement with in-person care
- Commercial and algorithmic influences on wellbeing

System-Level Challenges

- Underfunded mental health services
- Fragmented models of care
- Limited investment in prevention and upstream intervention

IMPLICATIONS FOR PREVENTATIVE MEASURES

Mental Health Services

- Strengthen proposal for specialised youth mental health services
- Early identification to reduce impact and burden of mental health
- Increased mental health service utilisation

Examples

- Child and Adolescent Mental Health Services, Australia (CAMHS)
- headspace, Australia
- Orygen, Australia

Policy

- Invest in prevention and upstream approaches
- Address commercial and technological determinants of wellbeing
- Support collaboration between health, education and technology sectors
- Integrate digital and face-to-face care models
- Improve continuity across service systems

CONCLUSION

Youth mental health outcomes emerge from interactions between developmental vulnerability, digital ecosystems, systemic constraints and global societal change.

The digital ecosystem functions as both a protective and pathogenic force, influencing risk and resilience.

This framework highlights the need for specialised youth mental health systems and upstream approaches that address broader social and digital determinants of mental health.

SELECTED

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