

Minerva Access is the Institutional Repository of The University of Melbourne

Author/s:

Hill, NTM;McGorry, PD;Robinson, J

Title:

Suicide by young Australians, 2006–2015: a cross-sectional analysis of national coronial data

Date:

2022-01-17

Citation:

Hill, N. T. M., McGorry, P. D. & Robinson, J. (2022). Suicide by young Australians, 2006–2015: a cross-sectional analysis of national coronial data. Medical Journal of Australia, 216 (1), pp.54-. <https://doi.org/10.5694/mja2.51360>.

Persistent Link:

<https://hdl.handle.net/11343/299244>

Article begins on page three of this document.

Title	Suicide by young Australians, 2006–2015: a cross-sectional analysis of national coronial data
--------------	---

Authors:

	Title	First name	Mid initials	Last name	Postnom (eg, PhD) [3 only for publication]	Position1	Address1	Position2	Address2	Tel	Email
1	Dr.	Nicole	TM	Hill	MBM.Sc, PhD	Reserch Fellow	1		2	08 6319 1797	nicole.hill@telethonkids.org.au
2	Prof.	Patrick	D	McGorry	MBBS (1st Class Hons), PhD, MD, FRCP, FRANZCP	Executive Director	3		4	03 9342 2850	pat.mcgorry@orygen.org.au
3	Dr.	Jo		Robinson	BSc, MSc, PhD	Head, Suicide Prevention Research	3		4	1300 679 436	jo.robinson@orygen.org.au
4											
5											

Number of corresponding author:	1
Number of alternative corresponding author:	

Addresses:

	Institution	City	State	Post Code	
1	Telethon Kids Institute	Perth	WA	6009	
2	Centre for Child Health Research, University of Western Australia	Perth	WA	6008	
3	Orygen	Melbourne	VIC	3052	
4	Centre for Youth Mental Health, University of Melbourne	Melbourne	VIC	3052	
5					

Postal address of first corresponding author (if different from the institutional address given above)	
--	--

This is the author manuscript accepted for publication and has undergone full peer review but has not been through the copyediting, typesetting, pagination and proofreading process, which may lead to differences between this version and the [Version of Record](#). Please cite this article as [doi: 10.1002/mja2.51360](#)

This article is protected by copyright. All rights reserved

Primary Keywords [Office use only]	Mental disorders; Pediatric medicine; Information science
Secondary keywords [Office use only]	Suicide; Autism; Data collection
Notes:	

Article details (press ctrl – 9 to enter details):

Article type	Letter
Blurb	

Office use

<i>Ms. Number</i>	mja21.00601. R1
<i>Medical editor</i>	Aajuli Shukla
<i>Medical editor email</i>	ashukla@mja. .com.au
<i>Structural editor</i>	Laura Teruel
<i>Structural editor email</i>	lteruel@mja.c om.au
<i>Section/Category</i>	Letters to the editor (reply)
<i>Strapheading</i>	Letter
<i>Substrap</i>	

Wiley – file data:

Filename for copyediting	hil_mja20.00601_ms.docx
Accompanying graphics	None
Stock images	None
Appendices	None

Office use – history:

Event	Date
Original submission received	26/05/2021

Event	Date
Accept	04/06/2021

Proof sent to author	
Proof returned by author	
Published (date format xx/xx/xx)	17/01/22
Issue	1
Vol	216
DOI	10.5694/mja2 1.00601
Journal	The Medical Journal of Australia
Original article DOI (for response)	

Suicide by young Australians, 2006–2015: a cross-sectional analysis of national coronial data

IN REPLY: Our article examined the suicides of 3365 young people aged 10–24 years who died by suicide from 2006 to 2015.¹ Of those who died by suicide, the demographic, social and clinical characteristics and circumstances of death were reported by examining the free text present in the available police, autopsy, toxicology and coroners' reports of 3027 young people. In their letter, Hedley and colleagues² noted that the number of males diagnosed with autism spectrum disorder (ASD) who died by suicide was higher than that reported in previous registry-based studies in Denmark and elsewhere. In contrast, the proportion of females with ASD was significantly less than expected given international rates. A precise explanation for these deviations is not possible. The suggestion that comorbidities may mask diagnosis in females is valid. However, it is equally likely that the findings reflect a systematic bias in data quality and collection. We note that all risk factors reported in the study were based on free text narratives available in police, autopsy, toxicology and coroners' reports.¹ As such, information that was not requested as part of these investigations was not reported and, therefore, not available to the authors for data collection. Arguably, identifying the source of such discrepancies is of significant importance for policy and clinical practice (eg, developing strategies to improve diagnostic accuracy in the wake of multiple mental health comorbidities). Unfortunately, there is an absence of nationally coordinated and systematic collection of suicide-related data in Australia. Compared with other countries such as Denmark and Finland that have robust national data-linkage systems spanning the health care and social sectors,³ access to high quality data-linkage in Australia is determined by individual state jurisdictions, with suicide registers currently available in Queensland and Victoria, and a register under development in Tasmania. A consequence is that despite significant recent investment in mental health in Australia, the best available evidence accessible to decision makers must be interpreted cautiously in the context of its limitations.

Competing interests: No relevant disclosures.

Author details

Nicole TM Hill^{1,2}

Patrick D McGorry^{3,4}

Jo Robinson^{3,4}

1 Telethon Kids Institute, Perth, WA.

2 Centre for Child Health Research, University of Western Australia, Perth, WA.

3 Orygen, Melbourne, VIC.

4 Centre for Youth Mental Health, University of Melbourne, Melbourne, VIC.

nicole.hill@telethonkids.org.au

doi: 10.5694/mja21.00601

References

- 1 Hill NTM, Witt K, Rajaram G, et al. Suicide by young Australians, 2006–2015: a cross-sectional analysis of national coronial data. *Med J Aust* 2020; 214: 133-139. <https://www.mja.com.au/journal/2021/214/3/suicide-young-australians-2006-2015-cross-sectional-analysis-national-coronial>
- 2 Hedley D, Stokes MA, Trollor JN. Suicide by young Australians, 2006–2015: a cross-sectional analysis of national coronial data [letter]. *Med J Aust* 2021; 216: 000-000.
- 3 Thygesen LC, Daasnes C, Thaulow I, Brønnum-Hansen H. Introduction to Danish (nationwide) registers on health and social issues: Structure, access, legislation, and archiving. *Scand J Public Health* 2011; 39 (Suppl): 12-16.