



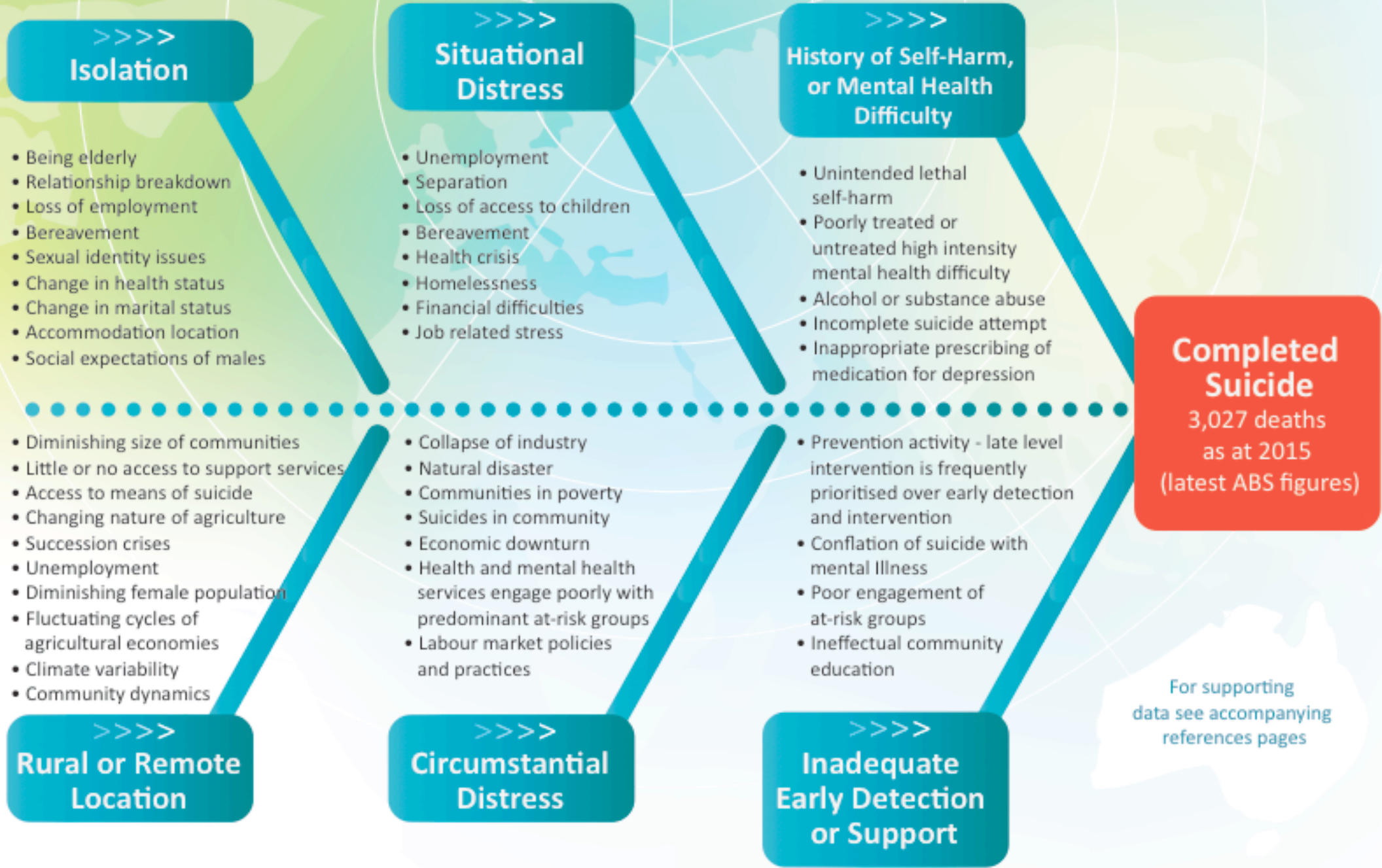
Suicide in Australia

*Mortality, Deficits in Current Suicide Prevention Initiatives,
Prioritising Target Groups for Prevention*

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Dr John Ashfield, Associate Professor Lia Bryant,
Anthony Smith

Root Cause/Correlate Analysis of Suicide Mortality © AIMHS 2017



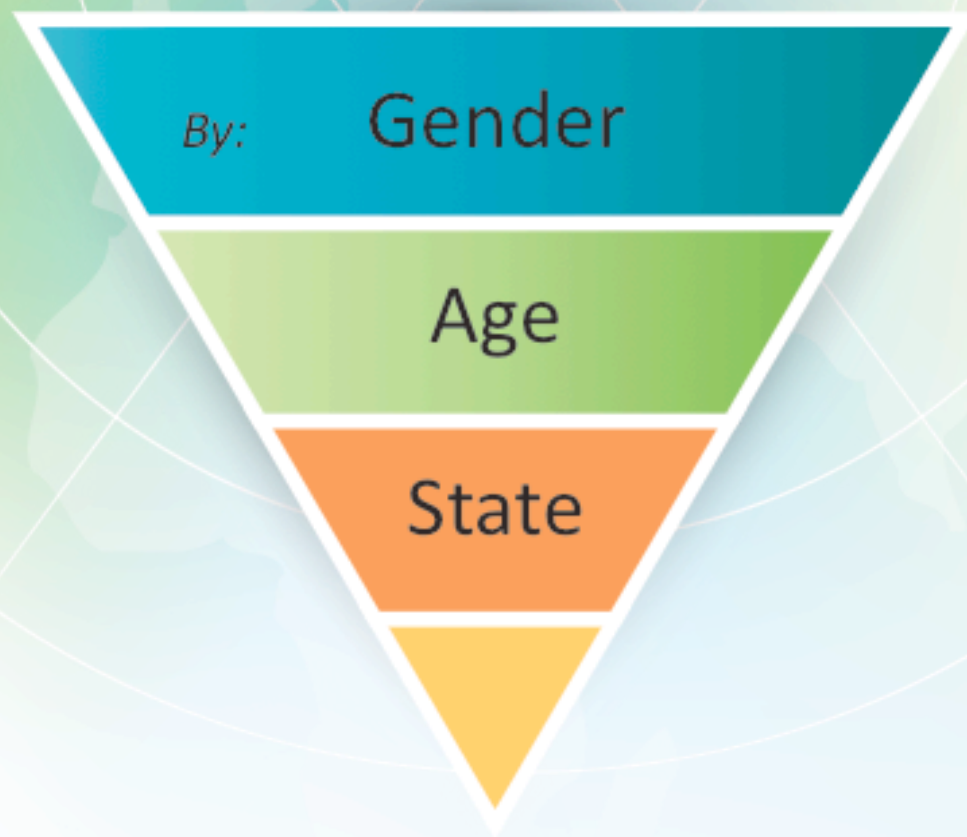
Root Cause/Factor Analysis of Deficits in Current Suicide Prevention Initiatives

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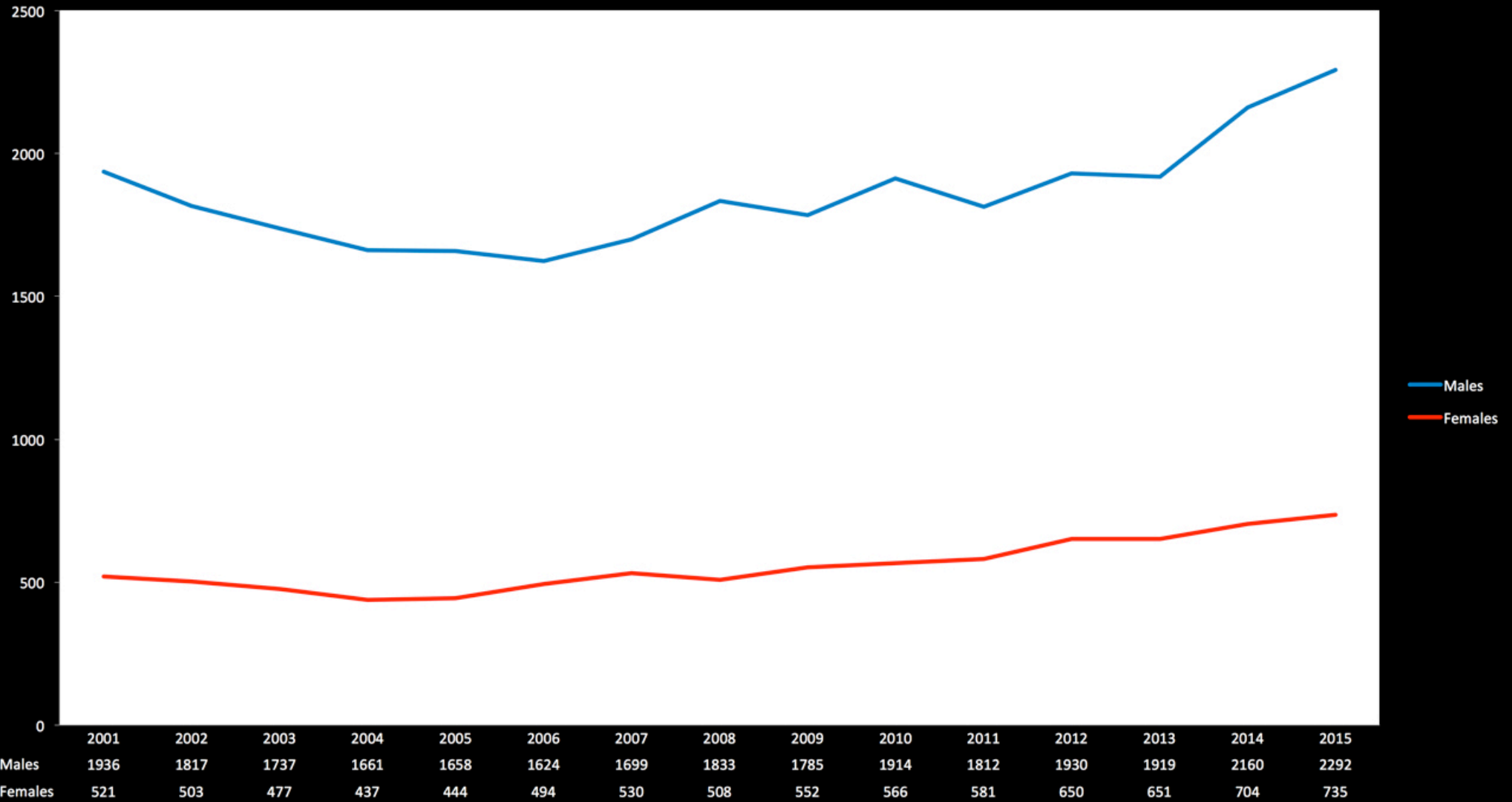


Prioritising **Target** Groups for Prevention Initiatives © AIMHS 2017

(based on gross national suicide data)

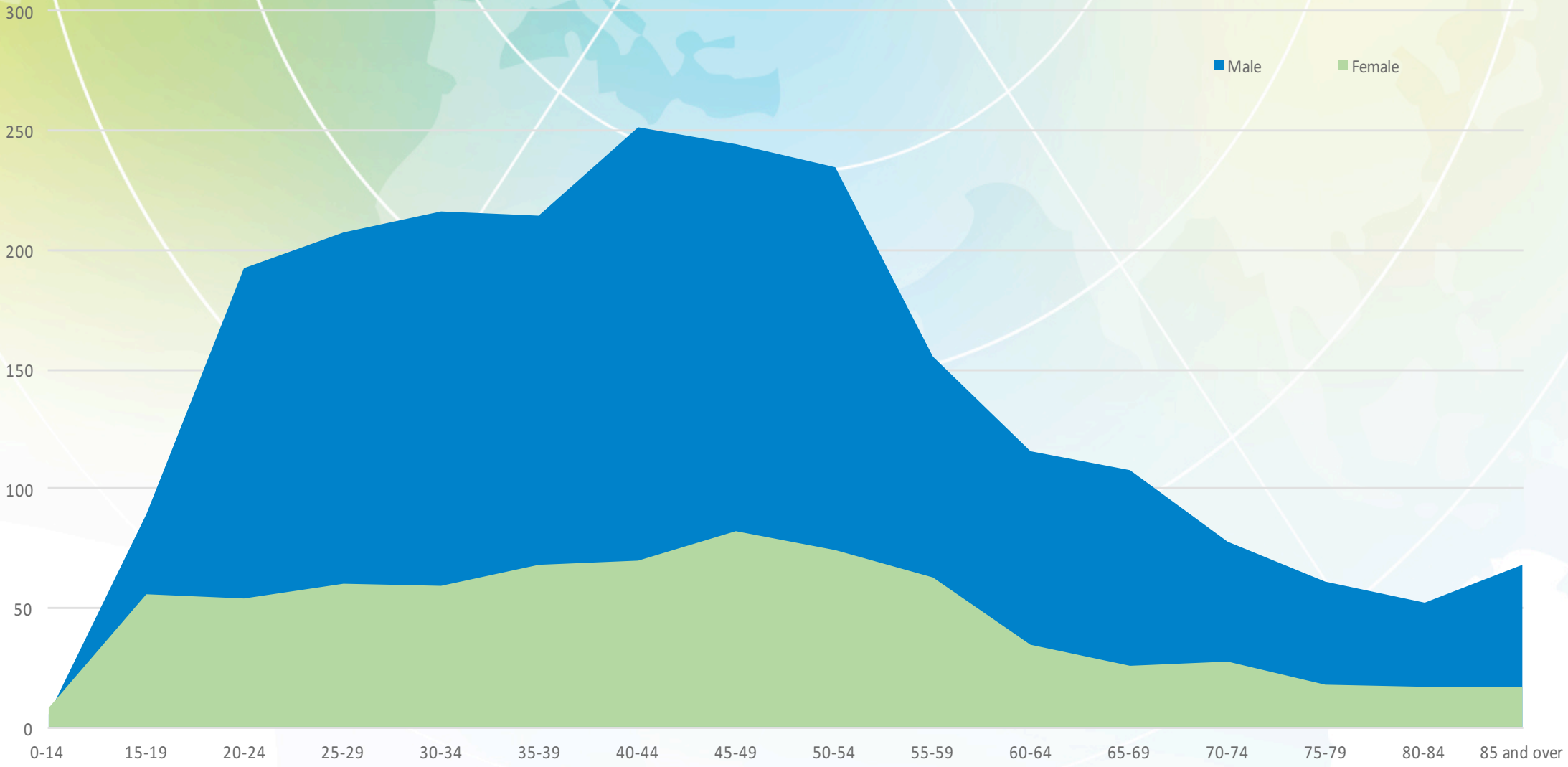


Number of Male and Female Suicide Deaths ABS 2001 - 2015



Male and Female Suicide Deaths by Age ABS 2005 – 2015

Age and Gender



Male Suicide Deaths by Age ABS 2005 – 2015

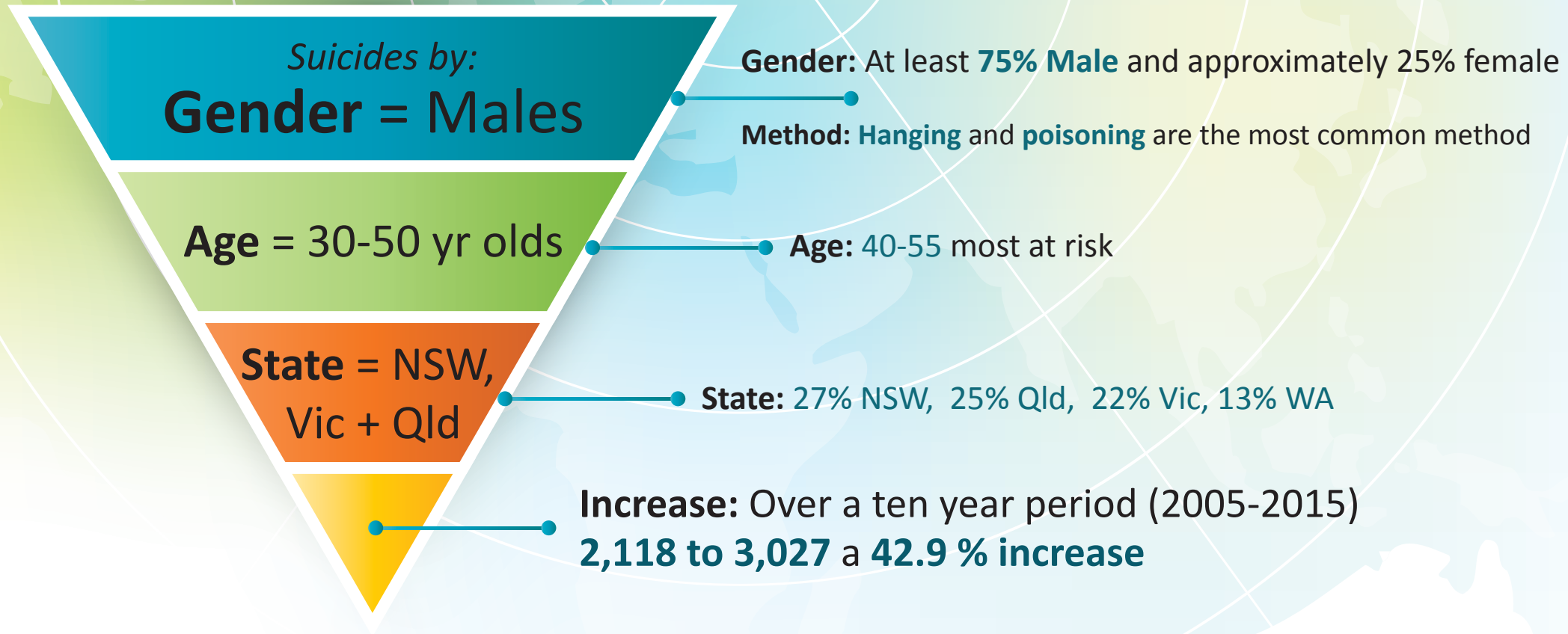


Male and Female Suicide Deaths by State ABS 2015



Prioritising **Target** Groups for Prevention Initiatives © AIMHS 2017

(based on gross national suicide data)



Prioritising Key Risk Factors for Prevention Initiatives © AIMHS 2017

- Unemployment
- Family Breakdown
- Financial Difficulties
- Isolation/location
- Situational Distress
- Poor Engagement by Mental Health/Human Service Agencies & Professionals

***Weighting of risk factors needs to be part of the next step:**
Scoping, Action Plan & Budget

Program/initiatives design needs to take account of:

- Analysis of Deficits in Current Suicide Prevention Initiatives
- Ethnic differences
- Local conditions and culture
- Geographic location
- Weighting of risk factors

References

- Andrews, P. (2017). *Negative Effects of Antidepressants | Mad in America*. *Mad In America*. Retrieved 20 January 2017, from <http://www.madinamerica.com/2012/09/things-your-doctor-should-tell-you-about-antidepressants/>
- Antidepressant Use in Children, Adolescents, and Adults. *Fda.gov*. 2007 <http://www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/UCM096273>
- Ashfield, J. (2010). *Doing psychotherapy with men* (1st ed.). S. Australia: Australian Institute of Male Health and Studies.
- Ashfield, J. (2009). *Matters for men* (1st ed.). Norwood, S. Aust.: Peacock Publications.
- Ashfield, J. (2016). *Preventing Suicide in Indigenous Communities: Essential reading for those who aim to make a difference* (1st ed.). Australia: YouCanHelp Publishing.
- Ashfield, J. (2017). *Teenagers and Self-Harm: What every parent and teacher needs to know* (3rd ed.). South Australia: YouCanHelp Publishing.
- ATYPICAL ANTIPSYCHOTIC MEDICATIONS: USE IN ADULTS. (2013). Retrieved 20 January 2017, from <http://www.cms.gov/Medicare-Medicaid-Coordination/Fraud-Prevention/Medicaid-Integrity-Education/Pharmacy-Education-Materials/Downloads/atyp-antipsych-adult-factsheet>.
- Australian Bureau of Statistics. (2016). Causes of Death, Australia, 2015. Catalogue No. 3303.0. Belconnen, ACT: Commonwealth of Australia. Accessed September 28, 2016 from: <http://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/47E19CA15036B04BCA2577570014668B?opendocument>
- Australian Government Life is For Everyone Fact sheet Fact sheet 17 Suicide and men (2017).
- Australia second in world in anti-depressant prescriptions*. (2017). ABC News. Retrieved 20 January 2017, from <http://www.abc.net.au/news/2013-11-22/australia-second-in-world-in-anti-depressant-prescriptions/5110084>
- Baldwin, D. & Birtwistle, J. (2005). *Atlas de depresión* (1st ed.). Boca Raton [etc.]: The Parthenon Publishing Group
- Beautrais, A. (2001). *Suicides and serious suicide attempts: two populations or one?*. *Psychological Medicine*, 31(05). <http://dx.doi.org/10.1017/s0033291701003889>
- beyondblue*. (2017). *Beyondblue.org.au*. Retrieved 5 February 2017, from <https://www.beyondblue.org.au/about-us/about-our-work/workplace-mental-health/about-the-doctors-mental-health-program>
- Bonner, A. & Luscombe, C. (2009). Suicide and homelessness. *Journal Of Public Mental Health*, 8(3), 7-19. <http://dx.doi.org/10.1108/17465729200900016>
- Bryant, L. and Garnham, B. (2013). Beyond Discourses of Drought: The micropolitics of the wine industry and the mental health of farmers. *Journal of Rural Studies*. 3, 2, pp.1-9.
- Bryant, L. & Garnham, B. (2014). Economies, ethics and emotions: Farmer distress within the moral economy of agribusiness. *Journal Of Rural Studies*, 34, 304-312. <http://dx.doi.org/10.1016/j.jrurstud.2014.03.006>
- 3303.0 - Causes of Death, Australia, 2015. (2017). *Abs.gov.au*. Retrieved 21 January 2017, from <http://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/47E19CA15036B04BCA2577570014668B?opendocument>
- Chang, S., Stuckler, D., Yip, P., & Gunnell, D. (2013). Impact of 2008 global economic crisis on suicide: time trend study in 54 countries. *BMJ*, 347(sep17 1), f5239-f5239. <http://dx.doi.org/10.1136/bmj.f5239>
- Corboz, J. (2008). *Feeling queer and blue* (1st ed.). Hawthorn West, Vic.: Beyondblue.
- Davey, M. (2017). *Social isolation a key risk factor for suicide among Australian men – study*. *The Guardian*. Retrieved 5 February 2017, from <https://www.theguardian.com/society/2015/jun/25/loneliness-a-key-risk-factor-for-suicide-among-australian-men-study>

- De Leo, D., Svetlicic, J. & Milner, A. (2011) 'Suicide in indigenous people in Queensland, Australia: trends and methods, 1994-2007', *Australian and New Zealand Journal of Psychiatry* 45:7, 532-538.
- Dudgeon, Pat, et al. (2012) *Hear our Voices: Community Consultations for the Development of an Empowerment, Healing and Leadership Program for Aboriginal people living in the Kimberley, Western Australia, Final Research Report, March, 2012*. Australian Government Department of Health and Ageing.
- Elliott-Farrelly, T. (2004) 'Australian aboriginal suicide: the need for aboriginal suicidology?' *Australian e-Journal for the Advancement of Mental Health* 3:3, 1-8.
- Esposito-Smythers, C. & Spirito, A. (2004). Adolescent Substance Use and Suicidal Behavior: A Review With Implications for Treatment Research. *Alcoholism: Clinical And Experimental Research*, 28, 775-88S. <http://dx.doi.org/10.1097/01.alc.0000127417.99752.87>
- Farrelly, T. (2008) 'The Aboriginal Suicide and Self-Harm Help-Seeking Quandary', *Aboriginal and Islander Health Worker Journal* 32:1, January/February 2008, 11-15.
- Fragar L, Henderson A, Morton C, and Pollock K. (2008) *The Mental Health of People on Australian Farms – The Facts*. Rural Industries Research and Development Corporation and Australian Centre for Agricultural Health and Safety. ISBN 1 74151 728 1 ISSN 1440-6845
- Fragar, L., Stain, H., Perkins, D., Kelly, B., Fuller, J., & Coleman, C. et al. (2010). Distress among rural residents: Does employment and occupation make a difference?. *Australian Journal Of Rural Health*, 18(1), 25-31. <http://dx.doi.org/10.1111/j.1440-1584.2009.01119.x>
- Hanigan, I., Butler, C., Kokic, P., & Hutchinson, M. (2012). Suicide and drought in New South Wales, Australia, 1970-2007. *Proceedings Of The National Academy Of Sciences*, 109(35), 13950-13955. <http://dx.doi.org/10.1073/pnas.1112965109>
- Hanssens, L. (2007) 'The search to identify contagion operating within suicide clusters in indigenous communities, Northern Territory. Australia', *Aboriginal and Islander Health Worker Journal* 31, 27-33.
- Haw, C., Hawton, K., Gunnell, D., & Platt, S. (2014). Economic recession and suicidal behaviour: Possible mechanisms and ameliorating factors. *International Journal Of Social Psychiatry*, 61(1), 73-81. <http://dx.doi.org/10.1177/0020764014536545>
- Hawton, K. & Rodham, K. (2006) *By Their Own Hand: Deliberate Self Harm and Suicidal*
- Hirsch, J. K. (2006) A Review of the Literature on Rural Suicide. *Crisis*, 27(4), 189-199.
- Hjelmeland, H., Dieserud, G., Dyregrov, K., Knizek, B., & Leenaars, A. (2012). Psychological Autopsy Studies as Diagnostic Tools: Are They Methodologically Flawed?. *Death Studies*, 36(7), 605-626. <http://dx.doi.org/10.1080/07481187.2011.584015>
- Hogan, A. & Young, M. (2013). Visioning a future for rural and regional Australia. *Cambridge Journal Of Regions, Economy And Society*, 6(2), 319-330. <http://dx.doi.org/10.1093/cjres/rst005>
- Hogan, A. & Young, M. Visioning a future for rural and regional Australia. National Institute for Rural and Regional Australia Australian National University Retrieved Feb 7, 2017 <http://www.natsem.canberra.edu.au/storage/16%20Aug%202012%20-%20Visioning%20a%20Future%20for%20Rural%20and%20Regional%20Australia.pdf>
- Holt-Lunstad, J., Smith, T., & Layton, J. (2010). Social Relationships and Mortality Risk: A Meta-analytic Review. *Plos Medicine*, 7(7), e1000316. <http://dx.doi.org/10.1371/journal.pmed.1000316>
- Hunter, E. & Harvey, D. (2002). Indigenous suicide in Australia, New Zealand, Canada and the United States. *Emergency Medicine Australasia*, 14(1), 14-23. <http://dx.doi.org/10.1046/j.1442-2026.2002.00281.x>
- Isometsa, E. & Lonnqvist, J. (1998). Suicide attempts preceding completed suicide. *The British Journal Of Psychiatry*, 173(6), 531-535. <http://dx.doi.org/10.1192/bjp.173.6.531>
- Johnson, T., Garlow, S., Brawley, O., & Master, V. (2011). Peak window of suicides occurs within the first month of diagnosis: implications for clinical oncology. *Psycho-Oncology*, 21(4), 351-356. <http://dx.doi.org/10.1002/pon.1905>

- King, R. (1994) Suicide prevention: dilemmas and some solutions. *Rural Society*, 4(3/4), 2-6.
- Knox, K. (2014). Approaching Suicide as a Public Health Issue. *Annals Of Internal Medicine*, 161(2), 151. <http://dx.doi.org/10.7326/m14-0914>
- Kölves, K., Ide, N., & De Leo, D. (2012). Fluctuations of suicidality in the aftermath of a marital separation: 6-month follow-up observations. *Journal of Affective Disorders*, 142(1-3), 256-263. <https://www.ncbi.nlm.nih.gov/pubmed/19428116>
- Koziol, M. (2017). Pat McGorry slams politicians and health bureaucrats: 'They're ignoring the evidence'. *The Age*. Retrieved 5 February 2017, from <http://www.theage.com.au/federal-politics/federal-election-2016/federal-election-2016-pat-mcgorry-slams-politicians-and-health-bureaucrats-theyre-ignoring-the-evidence-20160609-gpfchj.html#ixzz4B7QvIHIS>
- Kposowa, A. (2000). Marital status and suicide in the National Longitudinal Mortality Study. *Journal Of Epidemiology & Community Health*, 54(4), 254-261. <http://dx.doi.org/10.1136/jech.54.4.254>
- Large, M. & Ryan, C. (2014). Disturbing findings about the risk of suicide and psychiatric hospitals. *Social Psychiatry And Psychiatric Epidemiology*, 49(9), 1353-1355. <http://dx.doi.org/10.1007/s00127-014-0912-2>
- Life Fact sheet 3 Statistics on suicide in Australia,. (2017).
- Lloyd-Richardson, E., Lewis, S., Whitlock, J., Rodham, K., & Schatten, H. (2015). Research with adolescents who engage in non-suicidal self-injury: ethical considerations and challenges. *Child And Adolescent Psychiatry And Mental Health*, 9(1). <http://dx.doi.org/10.1186/s13034-015-0071-6>
- Luoma, J., Martin, C., & Pearson, J. (2002). Contact With Mental Health and Primary Care Providers Before Suicide: A Review of the Evidence. *American Journal Of Psychiatry*, 159(6), 909-916. <http://dx.doi.org/10.1176/appi.ajp.159.6.909>
- Luoma, J. & Pearson, J. (2002). Suicide and Marital Status in the United States, 1991–1996: Is Widowhood a Risk Factor?. *American Journal Of Public Health*, 92(9), 1518-1522. <http://dx.doi.org/10.2105/ajph.92.9.1518>
- Macdonald J, Monaem A, Sliwka G, Smith A, & Trezise E. (2010). Pathways to Despair: The Social Determinants of Male Suicide (aged 25-44), Central Coast, NSW. *MHIRC Paper no. 2. Penrith: MHIRC*. http://www.uws.edu.au/__data/assets/pdf_file/0015/217032/MHIRC_2.Pathways.pdf
- McPhedran, S. & De Leo, D. (2013). Miseries Suffered, Unvoiced, Unknown? Communication of Suicidal Intent by Men in "Rural" Queensland, Australia. *Suicide And Life-Threatening Behavior*, 43(6), 589-597. <http://dx.doi.org/10.1111/sltb.12041>
- Milner, A., Maheen, H., Bismark, M., & Spittal, M. (2016). Suicide by health professionals: a retrospective mortality study in Australia, 2001–2012. *The Medical Journal Of Australia*, 205(6), 260-265. <http://dx.doi.org/10.5694/mja15.01044>
- Milner, A., Morrell, S., & LaMontagne, A. (2014). Economically inactive, unemployed and employed suicides in Australia by age and sex over a 10-year period: what was the impact of the 2007 economic recession?. *International Journal Of Epidemiology*, 43(5), 1500-1507. <http://dx.doi.org/10.1093/ije/dyu148>
- Misono, S., Weiss, N., Fann, J., Redman, M., & Yueh, B. (2008). Incidence of Suicide in Persons With Cancer. *Journal Of Clinical Oncology*, 26(29), 4731-4738. <http://dx.doi.org/10.1200/jco.2007.13.8941>
- Mościcki, E. (1994). Gender differences in completed and attempted suicides. *Annals Of Epidemiology*, 4(2), 152-158. [http://dx.doi.org/10.1016/1047-2797\(94\)90062-0](http://dx.doi.org/10.1016/1047-2797(94)90062-0)
- Mulls,. (2014). FDA Mulls Antidepressant Warnings. *Daily Press*.
- NIMH » Antidepressants: A complicated picture. (2017). *Nimh.nih.gov*. Retrieved 20 January 2017, from <https://www.nimh.nih.gov/about/directors/thomas-insel/blog/2011/antidepressants-a-complicated-picture.shtml>

- 
- Pekker, M. & profile, V. (2017). Bereavement Leading to Suicide: Statistical Analysis. *Depressedisorder.blogspot.com.au*. Retrieved 5 February 2017, from <http://depressedisorder.blogspot.com.au/2011/03/bereavement-leading-to-suicide.html>
- Reeves, A., McKee, M., Gunnell, D., Chang, S., Basu, S., Barr, B., & Stuckler, D. (2014). Economic shocks, resilience, and male suicides in the Great Recession: cross-national analysis of 20 EU countries. *The European Journal Of Public Health*, 25(3), 404-409. <http://dx.doi.org/10.1093/eurpub/cku168>
- Renwick, M.Y., Olsen, G. G., & Tyrrell, M. S. (1982) Suicide in rural New South Wales: Comparison with metropolitan experience. *Medical Journal of Australia*, 1, 377-380.
- Sher, L. (2005). Alcohol consumption and suicide. *QJM*, 99(1), 57-61. <http://dx.doi.org/10.1093/qjmed/hci146>
- Wainer, J., & Chesters, J. (2000) Rural mental health: neither romanticism nor despair. *Australian Journal of Rural Health*, 8(3), 141-147.
- WHO Preventing suicide: a global imperative. (2014)WHO Library Cataloguing-in-Publication Data. ISBN: 978 92 4 156477 9 http://www.who.int/mental_health/suicide-prevention/world_report_2014/en/
- Why are elderly Australians taking their own lives?. (2017). ABC News. Retrieved 5 February 2017, from <http://www.abc.net.au/news/2015-10-08/mental-health-depression-elderly-suicide/6808998>