

Serosurveillance publications

1. Hendry AJ, Beard FH, Dey A, Quinn H, Hueston L, Dwyer DE, McIntyre PB. Lower immunity to poliomyelitis viruses in Australian young adults not eligible for inactivated polio vaccine. *Vaccine* 2020;38:2572-2577.
2. Patel C, Beard F, Hendry A, Quinn H, Dey A, Macartney K, Hueston L, Dwyer D, McIntyre P. Australian mumps serosurvey 2012-2013: any cause for concern? *Communicable Diseases Intelligence* 2020;44. <https://doi.org/10.33321/cdi.2020.44.67>
3. Edirisuriya C, Beard FH, Hendry AJ, Dey A, Gidding HF, Hueston L, Dwyer DE, Wood JG, Macartney KK, McIntyre PB. Australian rubella serosurvey 2012–2013: on track for elimination? *Vaccine* 2018;36:2794-8.
4. Gidding HF, Quinn HE, Hueston L, Dwyer DE, McIntyre PB. Declining measles antibodies in the era of elimination: Australia's experience. *Vaccine* 2018;36:507-13.
5. Pillsbury AJ, Quinn HE, Evans TD, McIntyre PB, Brotherton JML. Population-level herd protection of males from a female humanpapillomavirus vaccination program: evidence from Australian serosurveillance. *Clinical Infectious Diseases* 2017;65:827-32.
6. Wood JG, Goeyvaerts N, MacIntyre CR, Menzies RI, McIntyre PB, Hens N. Estimating vaccine coverage from serial trivariate serologic data in the presence of waning immunity. *Epidemiology* 2015;26:381-9.
7. Ward K, Dey A, Hull B, Quinn HE, Macartney K, Menzies R. Evaluation of Australia's varicella vaccination program for children and adolescents. *Vaccine* 2013;31:1413-9.
8. Song N, Gao Z, Wood JG, Hueston L, Gilbert GL, Macintyre CR, Quinn HE, Menzies R, McIntyre P. Current epidemiology of rubella and congenital rubella syndrome in Australia: progress towards elimination. *Vaccine* 2012;30:4073-8.
9. Quinn HE, Mahajan D, Hueston L, Campbell P, Menzies RI, Gilbert GL, McIntyre PB. The seroepidemiology of pertussis in NSW: fluctuating immunity profiles related to changes in vaccination schedules. *New South Wales Public Health Bulletin* 2012;22:224-9.
10. Campbell P, McIntyre P, Quinn H, Hueston L, Gilbert GL, McVernon J. Increased population prevalence of low pertussis toxin antibody levels in young children preceding a record pertussis epidemic in Australia. *PLoS One* 2012;7:e35874.
11. Jardine A, Deeks SL, Patel MS, Menzies RI, Gilbert GL, McIntyre PB. An evaluation of the Australian National Serosurveillance Program. *Communicable Diseases Intelligence* 2010;34:29-36.
12. Quinn HE, McIntyre PB, Backhouse JL, Gidding HF, Brotherton J, Gilbert GL. The utility of seroepidemiology for tracking trends in pertussis infection. *Epidemiology and Infection* 2010;138:426-33.
13. Gao Z, Gidding HF, Wood JG, MacIntyre CR. Modelling the impact of one-dose vs. two-dose vaccination regimens on the epidemiology of varicella zoster virus in Australia. *Epidemiology and Infection* 2010;138:457-68.
14. Newall AT, Brotherton JM, Quinn HE, McIntyre PB, Backhouse J, Gilbert L, Esser MT, Erick J, Bryan J, Formica N, MacIntyre CR. Population seroprevalence of human papillomavirus types 6, 11, 16, and 18 in men, women, and children in Australia [erratum appears in *Clin Infect Dis* 2008 Jul 15;47(2):302]. *Clinical Infectious Diseases* 2008;46:1647-55.
15. Moujaber T, MacIntyre CR, Backhouse J, Gidding H, Quinn H, Gilbert GL. The seroepidemiology of *Helicobacter pylori* infection in Australia. *International Journal of Infectious Diseases* 2008;12:500-4.
16. Aratchige PE, McIntyre PB, Quinn HE, Gilbert GL. Recent increases in mumps incidence in Australia: the "forgotten" age group in the 1998 Australian Measles Control Campaign. *Medical Journal of Australia* 2008;189:434-7.

17. Kelly HA, Gidding HF, Karapanagiotidis T, Leydon JA, Riddell MA. Residual susceptibility to measles among young adults in Victoria, Australia following a national targeted measles-mumps-rubella vaccination campaign. *BMC Public Health* 2007;7:99.
18. Gidding HF, Wood J, MacIntyre CR, Kelly H, Lambert SB, Gilbert GL, McIntyre PB. Sustained measles elimination in Australia and priorities for long term maintenance. *Vaccine* 2007;25:3574-80.
19. Gidding HF, Warlow M, MacIntyre CR, Backhouse J, Gilbert GL, Quinn HE, McIntyre PB. The impact of a new universal infant and school-based adolescent hepatitis B vaccination program in Australia. *Vaccine* 2007;25:8637-41.
20. Backhouse JL, Gidding HF, MacIntyre CR, McIntyre PB, Gilbert GL. Population-based seroprevalence of *Neisseria meningitidis* serogroup C capsular antibody before the introduction of conjugate vaccine, in Australia. *Vaccine* 2007;25:1310-5.
21. Tischer A, Andrews N, Kafatos G, Nardone A, Berbers G, Davidkin I, Aboudy Y, Backhouse J, Barbara C, Bartha K, Bruckova B, Duks A, Griskevicius A, Hesketh L, Johansen K, Jones L, Kuersteiner O, Lupulescu E, Mihneva Z, Mrazova M, de Ory F, Prosenk K, Schneider F, Tsakris A, Smelhausova M, Vranckx R, Zarvou M, Miller E. Standardization of measles, mumps and rubella assays to enable comparisons of seroprevalence data across 21 European countries and Australia. *Epidemiology and Infection* 2007;135:787-97.
22. Seale H, MacIntyre CR, Gidding HF, Backhouse JL, Dwyer DE, Gilbert L. National serosurvey of cytomegalovirus in Australia. *Clinical and Vaccine Immunology: CVI* 2006;13:1181-4.
23. Cagney M, MacIntyre CR, McIntyre P, Puech M, Giammanco A. The seroepidemiology of pertussis in Australia during an epidemic period. *Epidemiology and Infection* 2006;134:1208-16.
24. Backhouse JL, Gidding HF, McIntyre PB, Gilbert GL. Evaluation of two enzyme immunoassays for detection of immunoglobulin G antibodies to mumps virus. *Clinical and Vaccine Immunology: CVI* 2006;13:764-7.
25. Wood N, Backhouse J, Gidding HF, Gilbert GL, Lum G, McIntyre PB. Estimates of chronic hepatitis B virus infection in the Northern Territory. *Communicable Diseases Intelligence* 2005;29:289-90.
26. Gilbert GL, Gidding HF, Backhouse J, McIntyre PB. Varicella seroprevalence and vaccine uptake in preschool children [letter]. *Medical Journal of Australia* 2005;182:42.
27. Gidding HF, Brisson M, MacIntyre CR, Burgess MA. Modelling the impact of vaccination on the epidemiology of varicella zoster virus in Australia. *Australian and New Zealand Journal of Public Health* 2005;29:544-51.
28. Gidding HF, Backhouse JL, Gilbert GL, Burgess MA. National serosurvey of poliovirus immunity in Australia, 1996–99. *Australian and New Zealand Journal of Public Health* 2005;29:48-52.
29. Gidding HF, Backhouse JL, Burgess MA, Gilbert GL. Immunity to diphtheria and tetanus in Australia: a national serosurvey. *Medical Journal of Australia* 2005;183:301-4.
30. O'Sullivan BG, Gidding HF, Law M, Kaldor JM, Gilbert GL, Dore GJ. Estimates of chronic hepatitis B virus infection in Australia, 2000. *Australian and New Zealand Journal of Public Health* 2004;28:212-6.
31. Amin J, Gidding H, Gilbert G, Backhouse J, Kaldor J, Dore G, Burgess M. Hepatitis C prevalence – a nationwide serosurvey. *Communicable Diseases Intelligence* 2004;28:517-21.
32. Gidding H. Australia's national serosurveillance program. *New South Wales Public Health Bulletin* 2003;14:90-3.
33. Gidding HF, Young M, Pugh R, Burgess M. Rubella in Australia: can we explain two recent cases of congenital rubella syndrome? *Communicable Diseases Intelligence* 2003;27:537-40.
34. Gidding HF, MacIntyre CR, Burgess MA, Gilbert GL. The seroepidemiology and transmission dynamics of varicella in Australia. *Epidemiology and Infection* 2003;131:1085-9.
35. MacIntyre CR, Gay NJ, Gidding HF, Hull BP, Gilbert GL, McIntyre PB. A mathematical model to measure the impact of the Measles Control Campaign on the potential for measles transmission in Australia. *International Journal of Infectious Diseases* 2002;6:277-82.
36. Turnbull FM, Burgess MA, McIntyre PB, et al. The Australian Measles Control Campaign, 1998. *Bulletin of the World Health Organization* 2001;79:882-8.

37. Gilbert GL, Escott RG, Gidding HF, Lambert SB, Gilbert GL, Gidding HF, Escott RG, Achat HM, Hull BP, Wang H, Sam GA, Mead CL. Impact of the Australian Measles Control Campaign on immunity to measles and rubella. *Epidemiology and Infection* 2001;127:297-303.
38. Gidding HF, Gilbert GL. Measles immunity in young Australian adults. *Communicable Diseases Intelligence* 2001;25:133-6.
39. Amin J, Gilbert GL, Escott RG, Heath TC, Burgess MA. Hepatitis A epidemiology in Australia: national seroprevalence and notifications. *Medical Journal of Australia* 2001;174:338-41.
40. O'Grady KA, Merianos A, Patel M, Gilbert L. High seroprevalence of antibodies to varicella zoster virus in adult women in a tropical climate. *Tropical Medicine and International Health* 2000;5:732-6.