

List of Natsal-3 Journal publications:

Geary RS, Tanton C, Erens B, Clifton S, Prah P, Wellings K, Mitchell KR, Datta J, Gravningen K, Fuller E, Johnson AM, Sonnenberg P, Mercer CH. Sexual identity, attraction and behaviour in Britain: the implications of using different dimensions of sexual orientation to estimate the size of sexual minority populations. PLoS ONE, in press.

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0189607>

Lewis R, Tanton C, Mercer CH, Mitchell KR, Palmer M, Macdowall W, Wellings K. Heterosexual practices among young people in Britain: evidence from three National Surveys of Sexual Attitudes and Lifestyles. *Journal of Adolescent Health*, 2017; 61 (2017) 694e702

<http://www.sciencedirect.com/science/article/pii/S1054139X17303300?via%3Dihub>

French RS, Geary R, Jones KG, Glasier A, Mercer CH, Datta J, Macdowall W, Palmer M, Johnson AM, Wellings K. Where do women and men in Britain obtain contraception? Findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *BMJ Sexual & Reproductive Health*, 2017;0:1–11. doi:10.1136/jfprhc-2017-101728

<http://srh.bmj.com/content/early/2017/11/07/jfprhc-2017-101728.long>

Tanton C, Geary RS, Clifton S, Field N, Heap KL, Mapp F, Hughes G, Johnson AM, Cassell J, Sonnenberg P, Mercer CH. Sexual health clinic attendance and non-attendance in Britain: Findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *Sexually Transmitted Infections* 2017 Published Online First

<http://sti.bmj.com/content/early/2017/09/29/sextrans-2017-053193>

Scott R, Slaymaker E, Wellings K, Mercer CH. Understanding differences in conception and abortion rates among under-20 year olds in Britain and France: Examining the contribution of social disadvantage. *PLoS One*, 2017; 12 (10): e0186412.

<https://doi.org/10.1371/journal.pone.0186412>

Wayal S, Hughes G, Sonnenberg P, Mohammed H, Tanton C, Copas AJ, Gerressu M, Furegato M, Mercer CH. Examining ethnic inequalities in sexual behaviours and lifestyles: evidence from a British national probability sample survey. *Lancet Public Health*, 2017; 2:e458-472

[http://www.thelancet.com/journals/lanpub/article/PIIS2468-2667\(17\)30159-7/fulltext](http://www.thelancet.com/journals/lanpub/article/PIIS2468-2667(17)30159-7/fulltext)

Graham CA, Mercer CH, Tanton C, Jones KG, Johnson AM, Wellings K, Mitchell KR. Factors associated with reporting lacking interest in sex and their interaction with gender. Findings from the third British National Survey of Sexual Attitudes and Lifestyles. *BMJ Open*, 2017, doi

10.1136/bmjopen-2017-016942 <http://bmjopen.bmj.com/content/7/9/e016942>

Paquette R, Tanton C, Burns F, Prah P, Shahmanesh M, Field N, Macdowall W, Gravningen K, Sonnenberg P, Mercer CH. Illicit drug use and its association with key sexual risk behaviours and outcomes: Findings from Britain's third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *PLoS One*, 2017; 12(5): e0177922. doi:10.1371/journal.pone.0177922.

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0177922>

Gravningen K Mitchell KR, Wellings K, Johnson AM, Geary R, Jones KG, Clifton S, Erens B, Lu L, Chayachinda C, Field N, Sonnenberg P, Mercer CH. Reported reasons for Breakdown of

Marriage and Cohabitation in Britain: Findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). PLOS ONE 2017; <http://dx.doi.org/10.1371/journal.pone.0174129>

Tanton C, Mesher D, Beddows S, Soldan K, Clifton S, Panwar K, Field N, Mercer CH, Johnson AM, Sonnenberg P. Human Papillomavirus (HPV) in young women in Britain: Population-based evidence of the effectiveness of the bivalent immunisation programme and burden of quadrivalent and 9-valent vaccine types. *Papillomavirus Research* 2017; 3: 36-41. http://discovery.ucl.ac.uk/1538752/1/Field_1-s2.0-S2405852116300350-main.pdf

Cabecinha M, Mercer CH, Gravningen K, et al Finding sexual partners online: prevalence and associations with sexual behaviour, STI diagnoses and other sexual health outcomes in the British population *Sex Transm Infect* Published Online First: 10 April 2017. <http://sti.bmj.com/content/early/2017/04/10/sextrans-2016-052994.info>

J. Datta, M.J. Palmer, C. Tanton, L.J. Gibson, K.G. Jones, W. Macdowall, A. Glasier, P. Sonnenberg, N. Field, C.H. Mercer, A.M. Johnson, K. Wellings; Prevalence of infertility and help seeking among 15,000 women and men, *Human Reproduction*, Volume 31, Issue 9, 1 September 2016, Pages 2108–2118, <https://doi.org/10.1093/humrep/dew123>

Clifton S, Mercer CH, Woodhall SC, Sonnenberg P, Field N, Lu L, Johnson AM, Cassell JA. Patterns of chlamydia testing in different settings and implications for wider STI diagnosis and care: a probability sample survey of the British population. *Sexually transmitted infections*; online first (December 2016) <http://sti.bmj.com/content/early/2017/03/22/sextrans-2016-052719>

Clifton S, Macdowall W, Copas AH, Tanton C, Keevil BG, Lee DM, Mitchell KR, Field N, Sonnenberg P, Bancroft J, Mercer CH, Wallace AM, Johnson AM, Wellings K, Wu FCW. Salivary Testosterone Levels and Health Status in Men and Women in the British General Population: Findings from the Third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *Journal of Clinical Endocrinology and Metabolism* 2016; 101(11): 3939-3951. <http://dx.doi.org/10.1210/jc.2016-1669#sthash.F85JxpdH.dpuf>

Field N, Clifton S, Alexander S, Ison CA, Khanom R, Saunders P, Hughes G, Heath L, Beddows S, Mercer CH, Tanton C, Johnson AM, Sonnenberg P. *Trichomonas vaginalis* infection is uncommon in the British general population: implications for clinical testing and public health screening. *Sexually Transmitted Infections*; online first (September 2016) <http://sti.bmj.com/content/early/2016/09/29/sextrans-2016-052660>

Mercer CH, Jones KG, Johnson AM, Lewis R, Mitchell KR, Gravningen K, Clifton S, Tanton C, Sonnenberg P, Wellings K, Cassell JA, Estcourt CS. How can we objectively categorise partnership type? A novel classification of population survey data to inform epidemiological research and clinical practice. *Sexually Transmitted Infections* online first (August 2016), <http://sti.bmj.com/content/93/2/129>

Clifton S, Fuller E, Philo D. National Survey of Sexual Attitudes and Lifestyles (Natsal-3) Reference Tables. 2016. NatCen Social Research, London. </media/3935/natsal-3-reference-tables.pdf>

Keevil BG, Fiers T, Kaufman J-M, Macdowall W, Clifton S, Lee D, Wu F. Sex hormone-binding globulin has no effect of salivary testosterone. *Annals of Clinical Biochemistry* 2016; Letter.

Khadr SN, Jones KG, Mann S, Hale D, Johnson AM, Viner RM, Mercer CH*, Wellings K* (* joint senior authors). Investigating the relationship between substance use and sexual behaviour in young people in Britain: findings from a national probability survey. *BMJ Open*, 2016 Jun 30; 6(6):e011961. doi: <http://bmjopen.bmj.com/content/6/6/e011961>

Mitchell KR, Geary R, Graham C, Clifton S, Mercer CH, Lewis R, Macdowall W, Datta J, Johnson AM, Wellings K. Sexual Function in 16- to 21-Year-Olds in Britain. 2016. *J Adolesc Health*. 59(4): 422-8. <http://europepmc.org/articles/PMC5026680>

Black KI, Geary R, French R, Leefe N, Mercer CH, Glasier A, Macdowall W, Gibson L, Datta J, Palmer M, Wellings K. Trends in the use of emergency contraception in Britain: evidence from the second and third National Surveys of Sexual Attitudes and Lifestyles. 2016. *BJOG*. 123(10): 1600-7 <http://onlinelibrary.wiley.com/doi/10.1111/1471-0528.14131/full>

Geary RS, Tomes C, Jones KG, Glasier A, Macdowall W, Datta J, Sonnenberg P, Wellings K, French RS, Mercer CH, Johnson AM. Actual and preferred contraceptive sources among young people: findings from the British National Survey of Sexual Attitudes and Lifestyles. 2016. *BMJ Open*. 6(9):e011966 <http://bmjopen.bmj.com/content/6/9/e011966>

Edelman N, Cassell JA, de Visser R, Prah P, Mercer CH. Can psychosocial and socio-demographic questions help identify sexual risk among heterosexually-active women of reproductive age? Evidence from Britain's third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). 2017. *BMC Public Health*. 17(1): 5. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5209946/>

Mitchell KR, Geary R, Graham CA, Datta J, Wellings K, Sonnenberg P, Field N, Nunns D, Bancroft J, Jones KG, Johnson AM, Mercer CH. Painful sex (dyspareunia) in women: prevalence and associated factors in a British population probability survey. *BJOG*. 2017. <http://onlinelibrary.wiley.com/doi/10.1111/1471-0528.14518/abstract>

Keevil, BG, Clifton S, Tanton C, Macdowall W, Copas AJ, Lee D, Field N, Mitchell KR, Sonnenberg P, Bancroft J, Mercer CH, Johnson AM, Wellings K, Wu, FCW. Distribution of salivary testosterone in men and women in a British general population-based sample: the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *Journal of the Endocrine Society*. 2017. 1(1); 14-25. <https://academic.oup.com/jes/article/1/1/14/2890811>

Lin A, Ong KJ, Hobbelen P, King E, Mesher D, Edmunds WJ, Sonnenberg P, Gilson R, Bains I, Choi YH, Tanton C, Soldan K, Jit M. Impact and cost-effectiveness of selective human papillomavirus vaccination of men who have sex with men. *Clin Infect Dis*. 2016 <https://academic.oup.com/cid/article/64/5/580/2736759>

Mesher D, Soldan K, Lehtinen M, Beddows S, Brisson M, Brotherton JML, Chow EPF, Cummings T, Drolet M, Fairley CK, Garland SM, Kahn JA, Kavanagh K, Markowitz L, Pollock KG, Söderlund-Strand A, Sonnenberg P, Tabrizi SN, Tanton C, Unger E, Thomas SL. Population-level effects of human papillomavirus vaccination programs on infections with nonvaccine genotypes. *Emerg Infect Dis*. 2016. 22(10); 1732-40. https://wwwnc.cdc.gov/eid/article/22/10/16-0675_article

Mercer CH, Prah P, Field N, Tanton C, Macdowall W, Clifton S, Hughes G, Nardone A, Wellings K, Johnson AM, Sonnenberg P. The health and well-being of men who have sex with men (MSM) in Britain: Evidence from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *BMC Public Health*. 2016; 16(1); <https://bmcpublikealth.biomedcentral.com/articles/10.1186/s12889-016-3149-z>

Datta J, Palmer MJ, Tanton C, Gibson LJ, Jones KG, Macdowall W, Glasier A, Sonnenberg P, Field N, Mercer CH, Johnson AM, Wellings K. Prevalence of infertility and help seeking among 15000 women and men. *Hum Reprod*. <https://academic.oup.com/humrep/article/31/9/2108/2913864>

Wellings K, Palmer MJ, Geary RS, Gibson LJ, Copas A, Datta J, Glasier A, Scott RH, Mercer CH, Erens B, Macdowall W, French RS, Jones K, Johnson AM, Tanton C, Wilkinson P. Changes in conceptions in women younger than 18 years and the circumstances of young mothers in England in 2000-12: an observational study. *Lancet* 2016; [http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(16\)30449-4/abstract](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)30449-4/abstract)

Field N, Prah P, Mercer CH, Rait G, King M, Cassell, J, Tanton C, Heath L, Mitchell KR, Clifton S, Datta J, Wellings K, Johnson AM, Sonnenberg P. Are depression and poor sexual health are neglected co-morbidities? Evidence from a population sample. *BMJ Open* 2016; 6(3) <http://bmjopen.bmj.com/content/6/3/e010521>

Tanton C, Johnson AM, Macdowall W, Datta J, Clifton S, Field N, Mitchell KR, Wellings K, Sonnenberg P, Mercer CH. Forming new sex partnerships while overseas: findings from the third British National Survey of Sexual Attitudes & Lifestyles (Natsal-3). *Sex Transmit Infect*. 2016; <http://sti.bmj.com/content/92/6/415>

Prah P, Hickson F, Bonell C, McDaid LM, Johnson AM, Wayal S, Clifton S, Sonnenberg P, Nardone A, Erens B, Copas AJ, Riddell J, Weatherburn P, Mercer CH. Men who have sex with men in Great Britain: comparing methods and estimates from probability and convenience sample surveys. 2016. *Sex Transm Infect*. 92(6): 455-63. <http://eprints.gla.ac.uk/116325/>

Clifton S, Nardone A, Field N, Mercer CH, Tanton C, Macdowall W, Johnson AM, Sonnenberg P. HIV testing, risk perception, and behaviour: findings from the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *AIDS* 2016; 20(6); 943-951. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4794135/>

Aicken CRH, Estcourt CS, Johnson AM, Sonnenberg P, Wellings K, Mercer CH. Use of the internet for sexual health among sexually experienced persons aged 16 to 44 years: Evidence from a nationally representative survey of the British population. *Journal of Medical Internet Research*, 2016; 18(1):e14. doi: 10.2196/jmir.4373

Burkill S, Copas A, Couper MP, Clifton S, Prah P, Datta J, Conrad F, Wellings K, Johnson AM, Erens B. Using the web to collect data on sensitive behaviours: a study looking at mode effects on the British National Survey of Sexual Attitudes and Lifestyles. *PLoS ONE* 11(2): e0147983. doi:10.1371/journal.pone.0147983

Woodhall SC, Soldan K, Sonnenberg P, Mercer CH, Clifton S, Saunders P, da Silva F, Alexander S, Tanton C, Field N, Copas AJ, Ison CA, Johnson AM. Chlamydia prevalence

estimates among young adults from the National Surveys of Sexual Attitudes and Lifestyles (Natsal) in Britain: what can they tell us about changes in prevalence over the last decade? *Sexually Transmitted Infections*, 2015 Sep;91(6):412-4. doi: 10.1136/sextrans-2015-052067

Homfray V, Tanton C, Miller RF, Beddows S, Field N, Sonnenberg P, Panwar K, Johnson AM, Mercer CH. Male circumcision and STI acquisition in Britain: Evidence from a national probability sample survey. *PLoS One*, 2015. 10(6): e0130396. doi:10.1371/journal.pone.0130396.

Mercer CH, Fuller SS, Saunders JM, Muniina P, Copas AJ, Hart GJ, Sutcliffe LJ, Johnson AM, Cassell JA, Estcourt CS. Examining the potential public health benefit of offering STI testing to men in amateur football clubs: Evidence from cross-sectional surveys. *BMC Public Health*, 2015; 15: 676 doi: 10.1186/s12889-015-1951-7

Palmer MJ, Clarke L, Ploubidis GB, Mercer CH, Gibson L, Johnson AM, Copas AJ, Wellings K. Is 'sexual competence' at first heterosexual intercourse associated with subsequent sexual health status? *Journal of Sex Research*, 2016; doi: 10.1080/00224499.2015.1134424

Mitchell KR, Jones KG, Wellings K, Johnson AM, Graham C, Datta J, Copas AJ, Bancroft J, Sonnenberg P, Macdowall W, Field N, Mercer CH. Prevalence of sexual function problems in Britain: The impact of morbidity criteria. *Journal of Sex Research*, in press.

Homfray V, Tanton C, Mitchell K, Miller R, Field N, Macdowall W, Wellings K, Sonnenberg P, Johnson A, Mercer CH (2015) Examining the association between male circumcision and sexual function: Evidence from a British probability sample survey. *AIDS* 29:1411–1416

Erens B. (June 2015) Non-probability web panel surveys: Do they work? Questioning the accuracy of web surveys. *SRA Research Matters*. <http://the-sra.org.uk/whats-new/research-matters/>

Sonnenberg P, Ison CA, Clifton S, Field N, Tanton C, Soldan K, Beddows S, Alexander S, Khanom R, Saunders P, Copas AJ, Wellings K, Mercer CH, Johnson AM. Epidemiology of *Mycoplasma genitalium* in British men and women aged 16-44 years: evidence from the third National Survey of Sexual Attitudes and Lifestyles. *International Journal of Epidemiology* 2015; 1-13. doi: 10.1093/ije/dyv194

Mapp F, Hickson F, Mercer CH, Wellings K Experience and Meaning of Genital Symptoms to People in Britain: Findings from the Third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *The Journal of Sexual Medicine*, 2015; 12. p. 320. ISSN 1743-6095

Prah P, Johnson AM, Nardone A, Clifton S, Mindell JS, Copas AJ, Robinson C, Craig R, Woodhall S, Macdowall W, Fuller E, Erens B, Sonnenberg P, Wellings K, Mercer CH. Asking about sex in general health surveys: Comparing data collected by the Health Survey for England with the National Survey of Sexual Attitudes and Lifestyles. *PLOS ONE*, 2015;10(8):e0135203 doi: 10.1371/journal.pone.0135203

Woodhall SC, Soldan K, Sonnenberg P, Mercer CH, Clifton S, Saunders P, da Silva F, Alexander S, Tanton C, Field N, Copas AJ, Ison CA, Johnson AM. Is chlamydia screening reaching young adults at risk of infection? Findings from the third National Survey of Sexual

Attitudes and Lifestyles (Natsal-3). Sexually Transmitted Infections, 2015
doi:10.1136/sextrans-2015-052013.

Mitchell KR, Prah P, Mercer CH, Datta J, Tanton C, Macdowall W, Copas AJ, Clifton S, Sonnenberg P, Field N, Johnson AM, Wellings K. Medicated sex in Britain: evidence from the third National Survey of Sexual Attitudes and Lifestyles. Sexually Transmitted Infections. 2015; 0: 1-7 doi:10.1136/sextrans-2015-052094

Fuller E, Clifton S, Field N, Mercer CM, Prah P, Macdowall W, Mitchell K, Sonnenberg P, Johnson AM, Wellings K. Natsal-3: key findings from Scotland. Scottish Government, 2015. <http://www.gov.scot/Resource/0047/00474316.pdf>

Tanton C, Soldan K, Beddows S, Mercer CH, Waller J, Field N, Clifton S, Copas AJ, Panwar K, Manyenga P, Coelho da Silva F, Wellings K, Ison CA, Johnson AM, Sonnenberg P. High-risk human papillomavirus (HPV) infection and cervical cancer prevention in Britain: Evidence of differential uptake of interventions from a national probability survey. Cancer Epidemiology, Biomarkers, and Prevention. 2015; 24(5) 842-53.

Tanton C, Jones KG, Macdowall W, Clifton S, Mitchell KR, Datta J, Lewis R, Field N, Sonnenberg P, Stevens A, Wellings K, Johnson AM, Mercer CH. Patterns and trends in sources of information about sex among young people in Britain: evidence from three National Surveys of Sexual Attitudes and Lifestyles. BMJ Open. 2015; 5: e007834.
doi:10.1136/bmjopen-2015-007834

Macdowall W, Jones KG, Tanton C, Clifton S, Copas AJ, Mercer CH, Palmer MJ, Lewis R, Datta J, Mitchell KR, Field N, Sonnenberg P, Johnson AM, Wellings K. Associations between source of information about sex and sexual health outcomes in Britain: findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). BMJ Open. 2015; 5:e007837.
doi:10.1136/bmjopen-2015-007837

Field N, Clifton S, Alexander S, Ison CA, Hughes G, Beddows S, Tanton C, Soldan K, Coelho da Silva F, Mercer CH, Wellings K, Johnson AM, Sonnenberg P. Confirmatory assays are essential when testing for Neisseria gonorrhoeae in low prevalence settings: Insights from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Sexually Transmitted Infections. Published online first doi:10.1136/sextrans-2014-051850

Jones KG, Mitchell KR, Ploubidis GB, Wellings K, Datta J, Johnson AM, Mercer CH. The Natsal-SF Measure of Sexual Function: Comparison of Three Scoring Methods. Journal of Sex Research. 2015; DOI: 10.1080/00224499.2014.985813
<http://www.tandfonline.com/doi/abs/10.1080/00224499.2014.985813?ai=1cr3&ui=ek54&af=T>

(Collaborator publication) Looker K, Wallace L, Turner KME. Impact and cost-effectiveness of chlamydia testing in Scotland: a mathematical modelling study. Theoretical and medical modelling. 2015; 12(2) doi:10.1186/1742-4682-12-2
<http://www.tbiomed.com/content/pdf/1742-4682-12-2.pdf>

Erens B, Burkill S, Couper MP, Conrad F, Clifton S, Tanton C, Phelps A, Datta J, Mercer CH, Sonnenberg S, Prah P, Mitchell KR, Wellings K, Johnson AM, Copas AJ. Nonprobability web surveys to measure sexual behaviours and attitudes in the general population: a comparison with

a probability sample interview survey. *J Med Internet Res.* 2014;16(12):e276. doi: /jmir.3382
<http://www.jmir.org/2014/12/e276/>

Jones KG, Johnson AM, Wellings K, Sonnenberg S, Field N, Tanton C, Erens B, Clifton S, Datta J, Mitchell KR, Prah P, Mercer CH. The prevalence of, and factors associated with, paying for sex among men resident in Britain: findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *Sex Transm Infect.* 2014; Published Online First: 17 November 2014. doi:10.1136/sextrans-2014-051683
<http://sti.bmj.com/content/early/2014/10/28/sextrans-2014-051683.full>

Keevil BG, MacDonald P, Macdowall W, Lee DM, Wu FCW and the NATSAL Team. Salivary testosterone measurement by liquid chromatography tandem mass spectrometry in adult males and females. *Ann Clin Biochem.*2014; 51:368-378. <http://acb.sagepub.com/content/51/3/368.full>

Mercer CH, Wellings K, Johnson AM. What's new about Natsal-3? *Sex Transm Infect.* 2014; 90: 80-81. <http://sti.bmj.com/content/90/2/80.full>

Erens B, Phelps A, Clifton S, Mercer CH, Tanton C, Hussey D, Sonnenberg P, Macdowall W, Field N, Datta J, Mitchell K, Copas AJ, Wellings K, Johnson AM. Methodology of the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *Sex Transm Infect.* 2014; 90: 84-89. <http://sti.bmj.com/content/90/2/84.full?sid=1bb4a477-2fc6-40b2-a218-f2bcb4ea681d>

Prah P, Copas AJ, Mercer CH, Clifton S, Erens B, Phelps A, Tanton C, Sonnenberg P, Macdowall W, Wellings K, Johnson AM. Consistency in reporting sensitive sexual behaviours in Britain: Change in reporting bias in the second and third National Surveys of Sexual Attitudes and Lifestyles (Natsal-2 and Natsal-3). *Sex Transm Infect.* 2014; 90: 90-93.
<http://sti.bmj.com/content/90/2/90.full?sid=128dbe79-eeb9-4dbd-962c-162bb5c7ba17>

Wellings K, Johnson AM. Framing sexual health research: adopting a broader perspective. *Lancet.* 2013; 382: 1759-1761.
<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2962378-8/fulltext>

Mercer CH, Tanton C, Prah P, Erens B, Sonnenberg P, Clifton S, Macdowall W, Lewis R, Field N, Datta J, Copas AJ, Phelps A, Wellings K, Johnson AM. Changes in sexual attitudes and lifestyles through the lifecourse and trends over time: Findings from the British National Surveys of Sexual Attitudes and Lifestyles (Natsal). *Lancet.* 2013; 382: 1781-1794.
<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2962035-8/fulltext>

Sonnenberg P, Clifton S, Beddows S, Field N, Soldan K, Tanton C, Mercer CH, Coelho da Silva F, Alexander S, Copas AJ, Phelps A, Erens B, Prah P, Macdowall W, Wellings K, Ison CA, Johnson AM. Prevalence, risk factors and uptake of interventions for sexually transmitted infections: Findings from the British National Surveys of Sexual Attitudes and Lifestyles (Natsal). *Lancet.* 2013; 382: 1795-1806.
<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2961947-9/fulltext>

Wellings K, Jones KG, Mercer CH, Tanton C, Clifton S, Datta J, Copas AJ, Erens B, Gibson LJ, Macdowall W, Sonnenberg P, Phelps P, Johnson AM. Unplanned pregnancy in Britain: prevalence, associated factors and context; findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal 3). *Lancet.* 2013; 382: 1807-1816.

<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2962071-1/fulltext>

Mitchell KR, Mercer CH, Ploubidis GB, Jones KG, Datta J, Field N, Copas AJ, Tanton C, Erens B, Sonnenberg P, Clifton S, Macdowall W, Phelps A, Johnson AM, Wellings K. Sexual function in Great Britain: findings from the National Surveys of Sexual Attitudes and Lifestyles (Natsal). *Lancet*. 2013; 382: 1817-1829.

<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2962366-1/fulltext>

Field N, Mercer CH, Sonnenberg P, Tanton C, Clifton S, Mitchell KR, Erens B, Macdowall W, Wu FC, Datta J, Jones KG, Stevens A, Prah P, Copas AJ, Phelps A, Wellings K, Johnson AM. Investigating associations between health and sexual lifestyles: Findings from the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *Lancet*. 2013; 382: 1830-1844.

<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2962222-9/fulltext>

Macdowall W, Gibson LJ, Tanton C, Mercer CH, Lewis R, Clifton S, Field N, Datta J, Mitchell KR, Sonnenberg P, Erens B, Copas AJ, Phelps A, Prah P, Johnson AM, Wellings K. Lifetime prevalence, associated factors and circumstances of non-volitional sex among women and men: Findings from the third British National Survey of Sexual Attitudes and Lifestyles (Natsal). *Lancet*. 2013; 382: 1845-1855.

<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2962300-4/fulltext>

Aicken CRH, Gray M, Clifton S, Tanton C, Field N, Sonnenberg P, Johnson AJ, Mercer CH. Improving questions on sexual partnerships: Lessons learned from cognitive interviews for Britain's third National Survey of Sexual Attitudes and Lifestyles ('Natsal-3'). *Archives of Sexual Behaviour*. 2013; 42(2): 173-185.

<http://link.springer.com/article/10.1007/s10508-012-9962-2/fulltext.html>

Mitchell KR, Ploubidis GB, Datta J, Wellings K. The Natsal-SF: a validated measure of sexual function for use in community surveys. *Eur J Epidemiol*. 2012; 27(6): 409-18.

<http://link.springer.com/article/10.1007/s10654-012-9697-3/fulltext.html>

Field N, Tanton C, Mercer CH, Nicholson S, Soldan K, Beddows S, Ison C, Johnson AM, Sonnenberg P. Testing for sexually transmitted infections in a population-based sexual health survey: development of an acceptable ethical approach. *Journal of Medical Ethics* 2012; 38(6): 380-2. <http://jme.bmj.com/content/38/6/380.long>

Macdonald PR, Owen LJ, Wu FC, MacDowall W, Keevil BG For the NATSAL team. A Liquid Chromatography-Tandem Mass Spectrometry Method for Salivary Testosterone with Adult Male Reference Interval Determination. *Clin Chem*. 2011; 57:774-775.

<http://www.clinchem.org/content/57/5/774.long>

List of Natsal-3 conference abstracts:

Sonnenberg P, Tanton C, King E, Field N, Beddows S, Mesher D, Mercer CH, Soldan K, Johnson AM. Genital warts and HPV 6/11 in the British population: data from the National Survey of Sexual Attitudes and Lifestyles (Natsal-3). *HPV 2017; 31st International Papillomavirus Conference, Cape Town, South Africa, 28 Feb – 4 Mar 2017.*

Palmer, MJ, Clarke, L, Wellings, K, 'Sexual competence' at first heterosexual intercourse: examining the prevalence and correlates of a context-based measure of first intercourse in a population-based sample of British 16-24 year olds'. Society for Social Medicine Annual Scientific Meeting, Dublin, 2-4 September 2015

Mitchell KR, Datta J, Ploubidis G, Mercer CH, Johnson AM, Wellings K. Using population-based studies to understand key influences on sexual health and behaviour: Getting more from the method. International Academy of Sex Research Annual Meeting, Canada 9-12th August 2015.

Erens B, Mitchell KR, Gibson LJ, Clifton S, Wellings K. Older people in Britain with health issues: why are some sexually satisfied and others not? Symposium presentation at the International Union against Sexually Transmitted Infections 29th European Conference. Sitges, Spain, 24-26th September 2015.

Sonnenberg P, Tanton C, Mesher D, Beddows S, Soldan K, Clifton S, Panwar K, Field N, Mercer CH, Johnson AM. Type-specific human papillomavirus (HPV) in women in the British population: current prevalence and change over time. Oral presentation at the 30th International Papillomavirus Conference & Clinical Workshop (HPV 2015), 17-21 September 2015, Lisbon, Portugal.

Mercer CH, Geary R, Jones KG, Clifton S, Tanton C, Sonnenberg P, Gravningen K, Johnson AM. Mind the Gap! Biological and behavioural concurrency and their potential for STI transmission in the British population. Poster presentation at the World STI & HIV Congress 2015 and 21st International Society for Sexually Transmitted Diseases Research (ISSTD) Congress, 13-18 September 2015, Brisbane, Australia.

Mercer CH, Jones KG, Johnson AM, Lewis R, Mitchell KR, Clifton S, Tanton C, Sonnenberg P, Wellings K, Cassell JA, Estcourt CS. Overcoming the ambiguity of partnership type: A novel characterisation using data from Britain's third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Oral presentation at the World STI & HIV Congress 2015 and 21st International Society for Sexually Transmitted Diseases Research (ISSTD) Congress, 13-18 September 2015, Brisbane, Australia.

Prah P, Hickson F, Bonell C, McDaid L, Johnson AM, Clifton S, Wayal S, Sonnenberg P, Nardone T, Erens B, Riddell J, Weatherburn P, Mercer CH. Representing men who have sex with men (MSM) in Britain: Evidence from comparative analyses of the latest convenience and probability surveys. Poster presentation at the World STI & HIV Congress 2015 and 21st International Society for Sexually Transmitted Diseases Research (ISSTD) Congress, 13-18 September 2015, Brisbane, Australia.

Woodhall S, Soldan K, Sonnenberg P, Mercer CH, Clifton S, Saunders P, Coelho da Silva F, Alexander S, Tanton C, Field N, Copas A, Ison CA, Johnson AM. What can probability surveys tell us about changes in chlamydia prevalence in Britain? Evidence from the National Surveys of Sexual Attitudes and Lifestyles (Natsal). Poster presentation at the World STI & HIV Congress 2015 and 21st International Society for Sexually Transmitted Diseases Research (ISSTD) Congress, 13-18 September 2015, Brisbane, Australia.

Johnson AM, Woodhall SC, Soldan K, McClure M, Horner P, Sonnenberg P, Nardone A, Mercer

CH. Assessing programme impact through multiple non-experimental methods: The case of chlamydia screening in England and other stories. Program Science meeting, Brisbane, Australia, 12 September 2015.

Wellings K. Trends and patterns in sexual behaviour: Responses to a changing world. Plenary session on Sexual behaviour and public health at the 22nd Congress of the World Association for Sexual Health, Singapore, 25 July 2015.

Mapp F. Experience and meaning of genital symptoms to people in Britain: Findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Congress of the World Association for Sexual Health, Singapore, 25-28th July 2015.

Burkill S, Copas A, Couper M, Clifton S, Prah P, Datta J, Conrad F, Johnson AM, Welling K, Erens B. Using the web to collect data on sensitive behaviours: an experiment looking at mode effects on the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3) European Survey Research Association Conference. Reykjavik, 16th July 2015.

Clifton S, Mercer CH, Cassell J, Sonnenberg P, Lu M, Woodhall SC, Soldan K. Does chlamydia testing in general practice mean missed opportunities for the diagnosis of other STIs?: a comparison of the population tested in general practice versus sexual health clinics in Britain. Poster presentation (P186.1) at BASHH Spring Conference 2015, Glasgow, UK, 1-3 June 2015. Published abstract in Sex Transm Infect 2015;91(Suppl 1): A77
doi:10.1136/sextrans-2015-052126.229.

Mercer CH, Prah P, Tanton C, Field N, Clifton S, Sonnenberg P, Jones KG, Nardone A, Johnson AM. The sexual health & well-being of men who have sex with men (MSM): Evidence from Britain's National Surveys of Sexual Attitudes and Lifestyles (Natsal). Oral presentation (O8) at BASHH Spring Conference 2015, 1-3 June 2015, Royal Glasgow Concert Halls, Glasgow. Published abstract in Sex Transm Infect 2015;91(Suppl 1): A3
doi:10.1136/sextrans-2015-052126.8

Burkill S, Copas A, Couper M, Clifton S, Prah P, Datta J, Conrad F, Johnson AM, Welling K, Erens B. Using the web to collect data on sensitive behaviours: an experiment looking at mode effects on the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3) Webdatanet Conference. Salamanca, 27th May 2015.

Bob Erens. Using non-probability web surveys to measure sexual behaviours and attitudes in the general population. Oral presentation at the Social Research Association annual conference 2014, London, UK, 8th December 2014.

Andrew Copas. Propensity score adjustments for non-probability samples: Using web panels to collect data on sexual health Oral presentation at the Social Research Association annual conference 2014, London, UK, 8th December 2014.

Jones KG, MacDowall W, Tanton C, Mercer CH, Wellings K, Clifton S, Mitchell KR, Lewis R, Stevens A, and Johnson AM. Patterns of sex education & association with sexual health outcomes in Britain: Exploratory studies using Natsal to inform interventions. Poster presentation at the 2014 School of Public Health Research Annual Scientific Meeting, Sheffield, UK, 22 October 2014.

Tanton C. Travel and sex: Findings from Britain's third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Presentation in "Sex Tourism" Symposium. International Union against Sexually Transmitted Infections Malta Meeting 2014. St Julians, Malta, 18-20 September 2014

Clifton S, Jones K, Tanton C, Field N, Mercer CH, Soldan K, Macdowall W, Johnson AM, Sonnenberg P. STI Risk Perception and its association with behaviour and STIs: results from the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3). International Union against Sexually Transmitted Infections Malta Meeting 2014. St Julians, Malta, 18-20 September 2014

Copas AJ, Burkill S, Erens B, Couper M, Conrad F. Propensity score adjustments for non-probability samples: using web panels to collect data on sexual health. Oral presentation at the World Association of Public Opinion Research (WAPOR) Annual Conference, Nice, France, 4-6 September 2014.

Aicken CRH, Sonnenberg P, Estcourt CS, Johnson AM, Mercer CH. Who uses the internet for sexual healthcare? Evidence from a nationally-representative survey of the British population. Poster presentation at the UCL Festival of Digital Health, London, UK, 23-25 June 2014.

Mercer CH, Burkill S, Clifton S, Field N, Tanton C, Aicken CRH, Sonnenberg P, Johnson AM. Measuring concurrent sexual partnerships in behavioural surveys: a tale of two methods. Poster presentation at the 2014 National STD Prevention Conference, Atlanta, USA, 9-12 June 2014

Jones KG, Johnson AM, Wellings K, Sonnenberg P, Field N, Tanton C, Erens B, Clifton S, Datta J, Mitchell KR, Prah P, Mercer CH. The prevalence of and factors associated with paying for sex among men resident in Britain: findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Poster presentation at the 2014 National STD Prevention Conference, Atlanta, USA, 9-12 June 2014.

Tanton C, Soldan K, Beddows S, Waller J, Clifton S, Field N, Mercer CH, Ison C, Johnson AM, Sonnenberg P. Human papillomavirus infection and cervical cancer prevention in Britain: Findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Poster presentation at the 2014 National STD Prevention Conference, Atlanta, USA, 9-12 June 2014.

Sonnenberg P, Ison C, Field N, Clifton S, Tanton C, Soldan K, Beddows S, Mercer CH, Johnson AM. Mycoplasma Genitalium in British Women and Men Aged 16-44 Years: Findings from the Third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Late breaker oral presentation at the 2014 National STD Prevention Conference, Atlanta, USA, 9-12 June 2014.

Prah P, Mercer CH, Nardone A, Woodhall SC, Clifton S, Erens B, Craig R, Robinson C, Johnson AM. Asking about Sex in General Health Surveys: Comparing the Health Survey for England with the Natsal Survey of Sexual Attitudes and Lifestyles. Oral presentation at the 2014 National STD Prevention Conference, Atlanta, USA, 9-12 June 2014.

Woodhall SC, Soldan K, Sonnenberg P, Mercer CH, Clifton S, Saunders P, da Silva F, Alexander S, Tanton C, Field N, Copas AJ, Ison CA, Johnson AM. Chlamydia prevalence estimates among young adults from the National Surveys of Sexual Attitudes and Lifestyles (Natsal) in Britain: what can they tell us about changes in prevalence over the last decade? Late breaker poster presentation at the 2014 National STD Prevention Conference, Atlanta, USA,

9-12 June 2014.

Erens B, Burkill S, Copas AJ, Couper M, Conrad F. Using non-probability web surveys to measure sexual behaviours and attitudes in the British general population. Poster presentation at the 2014 National STD Prevention Conference, Atlanta, USA, 9-12 June 2014

Sonnenberg P, Ison C, Field N, Clifton S, Tanton C, Soldan K, Beddows S, Mercer CH, Johnson AM. Mycoplasma genitalium in British women and men aged 16-44 years: findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Oral presentation at the Third Joint Conference of the British HIV Association (BHIVA) with the British Association for Sexual Health and HIV (BASHH), Liverpool, UK, 1-4 April 2014.

Tanton C, Soldan K, Beddows S, Waller J, Clifton S, Field N, Mercer CH, Ison C, Johnson AM, Sonnenberg P. Human papillomavirus infection and cervical cancer prevention in Britain: Findings from the third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Oral presentation at the Third Joint Conference of the British HIV Association (BHIVA) with the British Association for Sexual Health and HIV (BASHH), Liverpool, UK, 1-4 April 2014.

Field N, Prah P, Mercer CH, Rait G, Cassall J, Johnson AM, Sonnenberg P. Sexual behaviour and sexual health service use of people with depression in Britain: Findings from the Third National Survey of sexual attitudes and Lifestyles (Natsal-3). Poster presentation at the Third Joint Conference of BHIVA with BASHH; Liverpool, 1-4 April 2014

Field N, Sonnenberg P, Alexander S, Ison CA, Hughes G, Clifton S, Tanton C, Beddows S, Mercer CH, Johnson AM. Dual testing for Chlamydia Trachomatis and Neisseria gonorrhoeae within a general population survey: Insights from the Third National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Poster presentation at the Third Joint Conference of BHIVA with BASHH; Liverpool, 1-4 April 2014

Clifton S, Mercer CH, Nardone A, Field N, Tanton C, Johnson AM, Sonnenberg P. HIV risk perception and testing in groups identified in the BASHH/BHIVA UK national guidelines for HIV testing 2008: Findings from Natsal-3. Poster presentation at the Third Joint Conference of BHIVA with BASHH; Liverpool, 1-4 April 2014

Woodhall SC, Soldan K, Sonnenberg P, Mercer CH, Clifton S, Saunders P, da Silva F, Alexander S, Tanton C, Field N, Copas A, Ison CA, Johnson AM. Chlamydia infection and control among young adults in Britain in 2010-2012: Findings from the third British National Survey of Sexual Attitudes and Lifestyles (Natsal-3). Poster presentation at the Third Joint Conference of BHIVA with BASHH; Liverpool, 1-4 April 2014

Erens B, Burkill S, Copas AJ, Couper M, Conrad F. How well do volunteer web panel surveys measure sensitive behaviours in the general population, and can they be improved? A comparison with the third British National Survey of Sexual Attitudes & Lifestyles (Natsal-3). Poster presentation at Public Health Science: a national conference dedicated to new research in public health, London, UK, November 2013
<http://www.sciencedirect.com/science/journal/01406736/382/supp/S3>

Nicholson, S., Gray, M., Aicken, C., Tanton, C., Field, N., Sonnenberg, P., Johnson, A., Mercer, C. Improving questions on sexual mixing for Britain's third National Survey of Sexual Attitudes

and Lifestyles ('Natsal 2010'): Lessons learned from cognitive interviewing. 11th IUSTI World Congress; 2009; Cape Town, South Africa, 9-12 November 2009.

Erens B, Burkill S, Copas AJ, Couper M, Conrad F, How Well Do Web Panel Surveys Measure Sensitive Behaviours in the General Population, and Can They Be Improved? A Comparison with the Third British National Survey of Sexual Attitudes & Lifestyles (Natsal3). Society for Social Medicine 57th Annual Scientific Meeting, Brighton, UK, 11-13 September 2013.

Field N, Tanton C, Mercer CH, Clifton S, Soldan K, Beddows S, Ison C, Johnson AM, Sonnenberg P. Testing for STIs in population-based sexual health surveys without returning results: development of an ethical and pragmatic approach. Fifth European Survey Research Association Conference; 2013; Ljubljana, Slovenia, 15-19 July 2013.

Clifton S, MacDowall W, Wu F, Keevil B, MacDonald P, MacIntyre H. Measuring Salivary Testosterone in a national population survey. Fifth European Survey Research Association Conference; 2013; Ljubljana, Slovenia, 15-19 July 2013.

Erens B, Burkill S, Copas AJ, Couper M, Conrad F, Tanton C. How Well Do Web Panel Surveys Measure Sensitive Behaviours in the General Population, and Can They Be Improved? A Comparison with the Third British National Survey of Sexual Attitudes & Lifestyles (Natsal3). STI & AIDS World Congress 2013, Vienna, Austria, July 14-17.

Erens B, Burkill S, Copas AJ, Couper M, Conrad F, How Well Do Web Panel Surveys Measure Sensitive Behaviours in the General Population, and Can They Be Improved? A Comparison with the Third British National Survey of Sexual Attitudes & Lifestyles (Natsal3). European Survey Research Association conference 2013, Ljubljana, Slovenia, July 15-19.

Mitchell K, Graham C, Wellings, K Sexual desire and sexual arousal: Do men and women make a distinction? 20th World Association of Sexual Health Conference. Glasgow, UK, 12-16 June 2011.

Phelps, A and Nicholson, S. Selling sex on the doorstep: Development activities to maximise response on the National Survey of Sexual Attitudes and Lifestyles. Social Research Association Annual Conference 2010, London. 7th December 2010.