Period Poverty in the United States

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FOOTNOTES

- 1. Amy Smith, "The State of Period Poverty in the US," *Penn Nursing*, University of Pennsylvania, accessed February 2022, https://www.nursing.upenn.edu/details/news.php?id=1545.
- 2. "Bacterial Vaginosis," *Cleveland Clinic,* accessed December 1, 2022, https://my.clevelandclinic.org/health/diseases/3963-bacterial-vaginosis?_ga=2.126609742.21274 5147.1666655678-828020787.1666064358&_gl=1*bvtym9*_ga*ODI4MDIwNzg3LjE2NjYwNjQz NTg.* ga HWJ092SPKP*MTY2NjY1NTY3OS4zLjAuMTY2NjY1NTY3OS4wLjAuMA.
- 3. Alexandra Alvarez, "Period Poverty," *American Medical Women's Association*, November 5, 2019, https://www.amwa-doc.org/period-poverty/.
- 4. "Everything You Need to Know About Using Menstrual Cups," *Healthline*, accessed November 3, 2022, https://www.healthline.com/health/womens-health/menstrual-cup#TOC_TITLE_HDR_1.
- 5. "Stigma," *The Britannica Dictionary*, accessed December 1, 2022, https://www.britannica.com/dictionary/stigma.
- 6. "The Tampon Tax: Everything You Need to Know," *Global Citizen*, accessed January 27, 2022, https://www.globalcitizen.org/en/content/tampon-tax-explained-definition-facts-statistics/.
- 7. "Toxic Shock Syndrome," *Cleveland Clinic*, accessed November 17, 2022, https://my.clevelandclinic.org/health/diseases/15437-toxic-shock-syndrome.
- 8. "Menstrual Cycle: What's Normal, what's not," *Mayo Clinic*, accessed November 3 2022, https://www.mayoclinic.org/healthy-lifestyle/womens-health/in-depth/menstrual-cycle/art-200471 86.
- 9. "What are the Symptoms for Menstruation," *National Institute of Child Health and Human Development*, accessed November 3, 2022, https://www.nichd.nih.gov/health/topics/menstruation/conditioninfo/symptoms.
- **10.** "Starting your Periods," *National Health Society*, accessed November 3 2022, https://www.nhs.uk/conditions/periods/starting-periods/.
- 11. "Menstrual Cycle: What's Normal, What's Not," *Mayo Clinic*, accessed November 3 2022, https://www.mayoclinic.org/healthy-lifestyle/womens-health/in-depth/menstrual-cycle/art-200471
- **12.** "The Ultimate Guide to Feminine Hygiene," *Duquesne University School of Nursing*, accessed November 3 2022,
- https://onlinenursing.duq.edu/master-science-nursing/the-ultimate-guide-to-feminine-hygiene/.

 13. "Period Poverty," *American Medical Women's Association*, November 5, 2019,
- https://www.amwa-doc.org/period-poverty/.
- 14. Amy Smith, "The State of Period Poverty in the US," *Penn Nursing*, University of Pennsylvania, accessed February 2022, https://www.nursing.upenn.edu/details/news.php?id=1545.
- 15. Lisa De Bode, "Hygiene and Heartache: Homeless Women's Daily Struggle to Keep Clean," *Aljazeera America*, January 13, 2015, http://america.aljazeera.com/articles/2015/1/13/-scared-to-walk-thestreet.html.
- 16. Lauren F. Cardoso et al., "Period Poverty and Mental Health Implications Among College-Aged Women in the United States," *BMC Women's Health* 21, no. 14 (2021), https://doi.org/10.1186/s12905-020-01149-5.
- 17. Reproductive Injustice: The State of Reproductive Healthcare for Women in New York State Prision (New York, Correctional Association of New York, 2015), 68, https://static1.squarespace.com/static/5b2c07e2a9e02851fb387477/t/5c4f5d01758d466ad39b0a 97/1548705033102/2015+Reproductive+Injustice+in+New+Yorks+Prisons.pdf.
- **18.** Joan C. Chrisler et al., "Queer Periods: Attitudes Toward and Experiences with Menstruation in the Masculine of Centre and Transgender Community," *Culture, Health & Sexuality* 18, no. 11 (2016): 1238–1250, https://doi.org/10.1080/13691058.2016.1182645.

- 19. Ashley Rapp and Sidonie Kilpatrick, "Changing the Cycle: Period Poverty as a Public Health Crisis," *School of Public Health*, University of Michigan, February 4, 2020, https://sph.umich.edu/pursuit/2020posts/period-poverty.html.
- 20. "U by Kotex Period Poverty Awareness Week Results," https://cdn.b12.io/client_media/HJ1wIVtI/1d8564dc-bf10-11eb-9c7a-0242ac110002-U_by_Kotex _Period_Poverty_-_PPAW_Data_Set.pdf.
- **21.** Ibid.
- 22. "What is the Tampon Tax," *Alliance for Period Supplies*, accessed December 1, 2022, https://allianceforperiodsupplies.org/tampon-tax/#:~:text=Currently%2C%2022%20states%20ch arge%20sales,have%20a%20statewide%20sales%20tax.
- 23. Bhuchitra Singh, Jiahui Zhang, and James Segars, "Period Poverty and the Menstrual Product Tax in the United States," *Obstetrics & Gynecology* 135 (May 2020): 68S, https://doi.org/10.1097/01.AOG.0000665164.05365.d0.
- 24. Katherine Andersh et al., "Period Poverty: A Risk Factor for People Who Menstruate in Stem," *Intersectional Science Policy* 18, no. 4 (September 27, 2021), https://doi.org/10.38126/jspq180401.
- 25. Lauren F. Cardoso et al., "Period Poverty and Mental Health Implications Among College-Aged Women in the United States," *BMC Women's Health* 21, no.14 (2021), https://doi.org/10.1186/s12905-020-01149-5.
- 26. "Over One Million Girls in the UK Struggled to Afford or Access Period Products During the Pandemic," *Plan Internationally*, May 28, 2021, https://plan-uk.org/media-centre/over-one-million-girls-in-the-uk-struggled-to-afford-or-access-period-products-during-the-pandemic.
- 27. Oni Lusk-Stover et al., "Globally, Periods are Causing Girls to be Absent from School," accessed November 28, 2022, https://blogs.worldbank.org/education/globally-periods-are-causing-girls-be-absent-school.
- 28. Noriko Akiyama, Fan Li, and Wenqian Xu, "Ending Period Shame and Poverty in Asia," *Stanford Social Innovation Review*, accessed December 1, 2022, https://doi.org/10.48558/33GZ-4952.
- 29. "The Challenges," *Menstrual Hygiene*, accessed December 1, 2022, https://www-unicef-org.translate.goog/mexico/higiene-menstrual?_x_tr_sl=es&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=sc.
- 30. "Who We Are," *Global Menstrual Collective*, accessed November 18, 2022, https://www.globalmenstrualcollective.org/who-we-are/.
- 31. Bridget J. Crawford and Carla Spivick, "Tampon Tax, Discrimination, and Human Rights," *Wisconsin Law Review*, no. 3 (2017): 496–497, https://heinonline.org/HOL/Page?handle=hein.journals/wlr2017&div=21&g_sent=1&casa_token=&collection=journals.
- 32. Singh, Zhang, and Segars, "Period Poverty and the Menstrual Product Tax in the United States."
- 33. Andersh et al., "Period Poverty: A Risk Factor for People Who Menstruate in Stem."
- **34.** "Tampon Tax," *Alliance for Period Supplies,* accessed December 1, 2022, https://allianceforperiodsupplies.org/tampon-tax/.
- 35. "The Numbers Behind the Feminine Product Shortage," *NielsenIQ*, June 17, 2022, https://nielseniq.com/global/en/insights/analysis/2022/the-numbers-behind-the-feminine-product-shortage/.
- 36. Andersh et al., "Period Poverty: A Risk Factor for People Who Menstruate in Stem."
- **37.** "Food Stamp Benefits by State," *World Population Review,* accessed November 5, 2022, https://worldpopulationreview.com/state-rankings/food-stamp-benefits-by-state.
- 38. "What can SNAP Buy?" *Food and Nutrition Services,* US Department of Agriculture, accessed November 7, 2022, https://www.fns.usda.gov/snap/eligible-food-items.
- 39. Seth Freed Wessler, "Timed Out on Welfare, Many Sell Food Stamps," *Type,* February 10, 2010, https://www.typeinvestigations.org/investigation/2010/02/16/timed-welfare-many-sell-food-stamps/.
- **40.** Ibid.
- **41.** Allison R. Casola et al., "Menstrual Health Stigma in the United States: Communication Complexities and Implications for Theory and Practice," *Journal of Midwifery & Women's Health* 66, no. 6 (2021): 725–728, https://doi.org/10.1111/jmwh.13216.

- 42. Joan C. Chrisler, "Teaching Taboo Topics: Menstruation, Menopause, and the Psychology of Women," *Psychology of Women Quarterly* 37, no. 1 (2013): 128–132, https://doi.org/10.1177/0361684312471326.
- 43. "Nearly Half of Us Women Have Experienced 'Period Shaming'," *Menstrual Hygiene Day,* accessed February 4, 2022, https://menstrualhygieneday.org/nearly-half-us-women-experienced-period-shaming/.
- 44. Ashley Rapp and Sidonie Kilpatrick, "Changing the Cycle: Period Poverty as a Public Health Crisis," *School of Public Health*, University of Michigan, February 4, 2020, https://sph.umich.edu/pursuit/2020posts/period-poverty.html.
- **45.** Ibid.
- **46.** "Short Report: How Family Physicians can Support Discussions about Menstrual Issues," *Canadian Family Physician* 60, no. 3 (2014): e194–e196, https://www.cfp.ca/content/60/3/e194.
- 47. Casola et al., "Menstrual Health Stigma in the United States: Communication Complexities and Implications for Theory and Practice."
- 48. Valerie Rubinsky, Jacqueline N. Gunning, and Angela Cooke-Jackson, "I Thought I Was Dying:" (Un)Supportive Communication Surrounding Early Menstruation Experiences," *Health Communication* 35, no. 2 (2020): 242–252, https://doi.org/10.1080/10410236.2018.1548337.
- 49. Casola et al., "Menstrual Health Stigma in the United States: Communication Complexities and Implications for Theory and Practice."
- 50. "Education and Provisions for Adequate Menstrual Hygiene Management at School can Prevent Adverse Health Consequences," *World Health Organization*, May 27, 2022, https://www.who.int/europe/news/item/27-05-2022-education-and-provisions-for-adequate-menst rual-hygiene-management-at-school-can-prevent-adverse-health-consequences.
- 51. Anne Sebert Kuhlmann et al., "State Standards for Menstrual Hygiene Education in U.S. Schools," *Journal of School Health* 92, no. 4 (April 2022): 418–420, https://doi.org/10.1111/josh.13135.
- **52.** Ibid.
- Amelia A. Trant et al., ""Menstrual Health and Hygiene among Adolescents in the United States," *Journal of Pediatric and Adolescent Gynecology* 35, no. 5 (October 2022): 282, https://doi.org/10.1016/j.jpag.2021.12.014.
- **54.** Sarah Wood, "How Schools Can Address Period Poverty," *US News*, September 28, 2022, https://www.usnews.com/education/k12/articles/how-schools-can-address-period-poverty.
- 55. Nita Bhalla, "How Many People Experienced a Lower Income Due to Covid-19," *World Economic Forum,* May 6, 2021, https://www.weforum.org/agenda/2021/05/how-many-people-experienced-a-lower-income-due-to-covid-19/.
- 56. Marni Somner, et al. "Menstrual Product Insecurity Resulting From COVID-19–Related Income Loss, United States, 2020," *American Journal of Public Health* 112, no. 4 (April 1, 2022): 675–684, https://doi.org/10.2105/AJPH.2021.306674.
- **57.** Ibid.
- 58. Isabella Bellini and Caitlin White, "Tampon Shortage Spotlights the Vital Need for Menstrual Equity Now," *Health City*, August 30, 2022, https://healthcity.bmc.org/population-health/tampon-shortage-spotlights-vital-need-menstrual-equity-now.
- 59. Sharon Terlep and Allison Prang, "Tampon Makers Bolster Production to Avert Major Shortages," *The Wall Street Journal*, June 16, 2022, https://www.wsj.com/articles/tampon-makers-bolster-production-to-avert-major-shortages-11655 388105.
- **60.** Ibid.
- 61. Ashley Rapp and Sidonie Kilpatrick, "Changing the Cycle: Period Poverty as a Public Health Crisis," *School of Public Health*, University of Michigan, February 4, 2020, https://sph.umich.edu/pursuit/2020posts/period-poverty.html.
- 62. Shailini Vora, "The Realities of Period Poverty: How Homelessness Shapes Women's Lived Experiences of Menstruation," *The Palgrave Handbook of Critical Menstruation Studies* (2020): 31–47, https://link.springer.com/chapter/10.1007/978-981-15-0614-7 4.
- 63. Rapp and Kilpatrick, "Changing the Cycle: Period Poverty as a Public Health Crisis."

- 64. Amanda L. Collar and Steven X. Chen, "Menstruation without Taxation," *Annals of Internal Medicine*, January 20, 2021, http://freshlook.annals.org/2021/10/menstruation-without-taxation.html?m=1.
- **65.** Ibid.
- 66. Singh, Zhang, and Segars, "Period Poverty and the Menstrual Product Tax in the United States."
- 67. "What Happens if you Leave a Tampon in Too Long," *Women's Health*, Cleveland Clinic, September 9, 2022,
 - https://health.clevelandclinic.org/what-happens-if-you-leave-a-tampon-in-too-long/.
- **68.** Ibid.
- 69. "Bacterial Vaginosis," *Cleveland Clinic*, accessed October 24, 2022, https://my.clevelandclinic.org/health/diseases/3963-bacterial-vaginosis?_ga=2.126609742.21274 5147.1666655678-828020787.1666064358&_gl=1*bvtym9*_ga*ODI4MDIwNzg3LjE2NjYwNjQz NTg.* ga HWJ092SPKP*MTY2NjY1NTY3OS4zLjAuMTY2NjY1NTY3OS4wLjAuMA.
- **70.** Ibid.
- **71.** Ibid.
- 72. "What Happens if you Leave a Tampon in Too Long," Women's Health.
- 73. Madeleine Boyers et al., "Period Poverty: The Perceptions and Experiences of Impoverished Women Living in an Inner-City Area of Northwest England," *PLoS ONE* 17, no. 7 (2022), https://doi.org/10.1371/journal.pone.0269341.
- 74. "Toxic Shock Syndrome (TSS)," *Better Health Channel*, accessed November 17, 2022, https://www.betterhealth.vic.gov.au/health/conditionsandtreatments/toxic-shock-syndrome-tss.
- 75. Libby Mitchell, "What you Need to Know about Toxic Shock Syndrome," *Health: University of Utah*, July 2, 2018, https://healthcare.utah.edu/healthfeed/postings/2018/07/tss.php.
- 76. "Toxic Shock Syndrome," Cleveland Clinic.
- **77.** Ibid.
- **78.** Ibid.
- 79. Selina Berger et al., "Menstrual Toxic Shock Syndrome: Case Report and Systematic Review of the Literature," *The Lancet Infectious Diseases* 19, no. 9 (2019): e313–e321, https://doi.org/10.1016/S1473-3099(19)30041-6.
- 80. "How Do I Use Tampons, Pads, Period Underwear, and Menstrual Cups?" *Planned Parenthood*, accessed November 30, 2022, https://www.plannedparenthood.org/learn/health-and-wellness/menstruation/how-do-i-use-tampons-pads-and-menstrual-cups.
- 81. Boyers et al., "Period Poverty: The Perceptions and Experiences of Impoverished Women Living in an Inner-City Area of Northwest England."
- 82. Cardoso, L.F., Scolese, A.M., Hamidaddin, A. *et al.* Period poverty and mental health implications among college-aged women in the United States. *BMC Women's Health* **21**, 14 (2021). 3, https://doi.org/10.1186/s12905-020-01149-5.
- 83. Lauren F. Cardoso et al., "Period Poverty and Mental Health Implications Among College-aged Women in the United States," *BMC Women's Health* 21, no. 14 (2021): 3, https://doi.org/10.1186/s12905-020-01149-5.
- 84. Misha Valencia, "The Price We Pay for Period Products," *HealthyWomen*, April 6, 2021, https://www.healthywomen.org/your-health/period-poverty/the-price-we-pay-for-period-products.
- **85.** "SLU Study Spotlights Low-Income Women's Menstrual Product Access Issues," *SLU*, January 10, 2019, https://www.slu.edu/news/2019/january/menstrual-products-access-research.php.
- **86.** "How Can Period Pain Impact your Employees," *Employee Benefits*, February 3, 2022, https://employeebenefits.co.uk/how-can-period-pain-impact-your-employees/.
- 87. "H.R.3614 Menstrual Equity For All Act of 2021," *Congress*, November 1, 2022, https://www.congress.gov/bill/117th-congress/house-bill/3614/text.
- 88. Ibid.
- 89. Andersh et al., "Period Poverty: A Risk Factor for People Who Menstruate in Stem."
- **90.** Ibid.
- 91. "Menstrual Cup Companies that Give Back," *Put a Cup in It*, accessed November 18, 2022, https://putacupinit.com/charity/.
- **92.** "Buy One, Give One," *Ruby Cup*, accessed November 18, 2022, https://rubycup.com/pages/how-we-give.

- 93. Annamarya Scaccia, "Everything You Need to Know about Using Menstrual Cups," *Healthline*, accessed November 20, 2022, https://www.healthline.com/health/womens-health/menstrual-cup.
- 94. Micah Dorfner, "Menstrual Cups vs. Tampons: Things You Might Not Know," *Mayo Clinic*, March 24, 2016, https://newsnetwork.mayoclinic.org/discussion/menstrual-cups-vs-tampons-things-you-might-not -know-about-the-cup/.
- 95. Ibid
- **96.** Anna Maria van Eijk, "Menstrual Cup Use, Leakage, Acceptability, Safety, and Availability: A Systematic Review and Meta-Analysis," *The Lancet Public Health* 4, no. 8 (August 2019): e390, https://doi.org/10.1016/S2468-2667(19)30111-2.
- 97. Anna Maria van Eijk et al., "Exploring Menstrual Products: A Systematic Review and Meta-Analysis of Reusable Menstrual Pads for Public Health Internationally," *PLoS ONE* 16, no. 9 (2021), https://doi.org/10.1371/journal.pone.0257610.
- 98. Scaccia, "Everything You Need to Know about Using Menstrual Cups."
- 99. Ibid.
- **100.** Amy Smith, "The State of Period Poverty in the US," *Penn Nursing*, University of Pennsylvania, accessed February 28, 2022, https://www.nursing.upenn.edu/details/news.php?id=1545.
- 101. "The Numbers Behind the Feminine Product Shortage," NielsenIQ, June 17, 2022, https://nielseniq.com/global/en/insights/analysis/2022/the-numbers-behind-the-feminine-product-shortage/.
- **102.** "SLU Study Spotlights Low-Income Women's Menstrual Product Access Issues," *SLU*, January 10, 2019, https://www.slu.edu/news/2019/january/menstrual-products-access-research.php.
- 103. van Eijk, "Menstrual Cup Use, Leakage, Acceptability, Safety, and Availability: A Systematic Review and Meta-Analysis."