ISOLATION AMONG GENERATION Z IN THE UNITED STATES

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FOOTNOTES

- 1. "New Cigna Study Reveals Loneliness at Epidemic Levels in America," *Cigna,* May 1, 2018, https://www.cigna.com/newsroom/news-releases/2018/new-cigna-study-reveals-loneliness-at-epidemic-levels-in-america.
- 2. Michael Dimock, "Defining Generations: Where Millennials End and Generation Z Begins," *Pew Research Center*, January 17, 2019, https://www.pewresearch.org/fact-tank/2019/01/17/where-millennials-end-and-generation-z-begins/.
- **3.** "Generation Z: Latest Gen Z News, Research, Facts & Strategies," *Business Insider,* accessed January 25, 2020, https://www.businessinsider.com/generation-z.
- **4.** William C. Shiel Jr., "Medical Definition of Parasuicide," *MedicineNet*, last modified December 11, 2018, https://www.medicinenet.com/script/main/art.asp?articlekey=21820.
- 5. "What Is Cyberbullying," *StopBullying.gov*, accessed November 21, 2019, https://www.stopbullying.gov/cyberbullying/what-is-it/index.html.
- **6.** "APA Dictionary of Psychology," *American Psychological Association*, accessed November 20, 2019, https://dictionary.apa.org/imaginary-audience.
- "New Cigna Study Reveals Loneliness at Epidemic Levels in America," Cigna, accessed
 December 12, 2019,
 https://www.cigna.com/newsroom/news-releases/2018/new-cigna-study-reveals-loneliness-at-epidemic-levels-in-america.
- 8. Ibid.
- 9. Chris Wilson, "Is It Time to 'Pass the Torch?' The Generational Dilemma of the 2020 Democratic Primary," *Time*, July 30, 2019, https://time.com/5618238/democrats-age/.
- **10.** "Community Life Survey 2018-19," *gov.uk*, July 25, 2019, https://www.gov.uk/government/statistics/community-life-survey-2018-19.
- 11. Bianca DiJulio, Liz Hamel, Cailey Muñana, and Mollyann Brodie, "Loneliness and Social Isolation in the United States, the United Kingdom, and Japan: An International Survey," *The Henry J. Kaiser Family Foundation*, August 30, 2018, https://www.kff.org/report-section/loneliness-and-social-isolation-in-the-united-states-the-united-kingdom-and-japan-an-international-survey-introduction/.
- **12.** Sierra Naumu Thomas, "Prescription for Living Longer: Spend Less Time Alone," *BYU News*, March 10, 2015, https://news.byu.edu/news/prescription-living-longer-spend-less-time-alone.
- **13.** eLife, "Females React Differently than Males to Social Isolation," *ScienceDaily,* October 11, 2016, www.sciencedaily.com/releases/2016/10/161011125959.htm.
- **14.** Bianca DiJulio, Liz Hamel, Cailey Muñana, and Mollyann Brodie, "Loneliness and Social Isolation in the United States, the United Kingdom, and Japan: An International Survey," *The Henry J. Kaiser Family Foundation*, August 30, 2018, https://www.kff.org/report-section/loneliness-and-social-isolation-in-the-united-states-the-united-kingdom-and-japan-an-international-survey-introduction/.
- **15.** Esteban Ortiz-Ospina, "Is There a Loneliness Epidemic?" *Our World in Data*, December, 11, 2019, https://ourworldindata.org/loneliness-epidemic.
- **16.** Daniel W. Russell, "UCLA Loneliness Scale (Version 3): Reliability, Validity, and Factor Structure," *Journal of Personality Assessment* 66, no. 1, (1996): 20–40, https://doi.org/10.1207/s15327752jpa6601 2.
- 17. Brian A. Primack, Ariel Shensa, Jaime E. Sidani, Erin O. Whaite, Liu yi Lin, Daniel Rosen, Jason B. Colditz, Ana Radovic, and Elizabeth Miller, "Social Media Use and Perceived Social Isolation

- among Young Adults in the U.S.," *American Journal of Preventive Medicine* 53, no. 1 (July 01, 2017): 1–8, https://doi.org/10.1016/j.amepre.2017.01.010.
- **18.** Monica Anderson and Jingjing Jiang, "Teens, Social Media & Technology 2018," *Pew Research Center*, May 31, 2018, www.pewinternet.org/2018/05/31/teens-social-media-technology-2018/.
- **19.** Brian Primack, quoted in Katherine Hobson, "Feeling Lonely? Too Much Time On Social Media May Be Why," *National Public Radio*, March 6, 2017, https://www.npr.org/sections/health-shots/2017/03/06/518362255/feeling-lonely-too-much-time-on-social-media-may-be-why.
- Janet Morahan-Martin and Phyllis Schumacher, "Loneliness and Social Uses of the Internet," Computers in Human Behavior 19, no. 6 (November 2003): 659–671, https://doi.org/10.1016/S0747-5632(03)00040-2.
- 21. Eveline Teppers, Koen Luyckx, Theo A. Klimstra, and Luc Goossens, "Loneliness and Facebook Motives in Adolescence: A Longitudinal Inquiry into Directionality of Effect," *Journal of Adolescence* 37, no. 5 (2014): 691–699, https://doi.org/10.1016/j.adolescence.2013.11.003.
- 22. Miguel-Ángel Pertegal, Alfredo Oliva, and Ana Rodríguez-Meirinhos, "Development and Validation of the Scale of Motives for Using Social Networking Sites (SMU-SNS) for Adolescents and Youths," *PloS One* 14, no. 12 (December 2019): 1–21, https://doi.org/10.1371/journal.pone.0225781.
- 23. Eveline Teppers, Koen Luyckx, Theo A. Klimstra, and Luc Goossens, "Loneliness and Facebook Motives in Adolescence: A Longitudinal Inquiry into Directionality of Effect," *Journal of Adolescence* 37, no. 5 (2014): 691–699, https://doi.org/10.1016/j.adolescence.2013.11.003.
- 24. Laura Choate, "Social Media: Why Does It Make Us Feel More Lonely?" *Psychology Today*, November 28, 2018, https://www.psychologytoday.com/us/blog/girls-women-and-wellness/201811/social-media-why-does-it-make-us-feel-more-lonely.
- 25. Lindsay Favotto, Valerie Michaelson, William Pickett, and Colleen Davison, "The Role of Family and Computer-mediated Communication in Adolescent Loneliness," *PloS One* 14, no. 6 (June 05, 2019): 1–13, https://doi.org/10.1371/journal.pone.0214617.
- 26. Jeff Fromm, "Changing Family Structures and Gen Z's Influence at Home," *Millennial Marketing*, accessed January 30, 2020, http://www.millennialmarketing.com/2018/01/changing-family-structures-and-gen-zs-influence-at-home/.
- 27. Jennifer A. Hall-Lande, Maria E. Eisenberg, Sandra L. Christenson, and Dianne Neumark-Sztainer, "Social Isolation, Psychological Health, and Protective Factors in Adolescence." *Adolescence* 42, no. 166 (2007): 265–286.
- 28. Mary Pipher and Sara Pipher Gilliam, "The Lonely Burden of Today's Teenage Girls," *The Wall Street Journal*, August 15, 2019, https://www.wsj.com/articles/the-lonely-burden-of-todays-teenage-girls-11565883328.
- 29. Ralph E. Cash, "When it Hurts to Be a Teenager," *Principal Leadership* 4, no. 2 (October 2003): 11–15, accessed at https://lib-bvu-edu.erl.lib.bvu.edu/remoteauth/?url=/docview/234990186?accountid=4488.
- **30.** Ronald E. Dahl, "Adolescent Brain Development: A Period of Vulnerabilities and Opportunities," *Annals of the New York Academy of Sciences* 1021, no. 1 (2004): 1–22, https://doi.org/10.1196/annuals.1308.001.
- **31.** Ibid.
- 32. Silje Hartberg and Kristinn Hegna, "Listen to Me," Youth Survey in Stavanger (2013).
- 33. Unni K. Moksnes, Inger EO Moljord, Geir A. Espnes, and Don G. Byrne, "The Association between Stress and Emotional States in Adolescents: The Role of Gender and Self-Esteem," *Personality and Individual Differences* 49, no. 5 (2010): 430–435, https://doi.org/10.1016/j.paid.2010.04.012.
- **34.** "APA Dictionary of Psychology," *American Psychological Association*, accessed November 20, 2019, https://dictionary.apa.org/imaginary-audience.
- 35. Lesa Rae Vartanian, "Revisiting the Imaginary Audience and Personal Fable Constructs of Adolescent Egocentrism: A Conceptual Review," *Adolescence* 35, no. 140 (2000): 639–661.

- **36.** Kristine M. Kelly, Warren H. Jones, and Jeffrey M. Adams, "Using the Imaginary Audience Scale as a Measure of Social Anxiety in Young Adults," *Educational and Psychological Measurement* 62, no. 5 (October 2002): 896–914, https://doi.org/10.1177/001316402236884.
- **37.** Sarvada Chandra Tiwari, "Loneliness: A Disease?," *Indian Journal of Psychiatry* 55, no. 4 (2013): 320–322, https://doi.org/10.4103/0019-5545.120536.
- 38. Dustin Albert, Jason Chein, and Laurence Steinberg, "The Teenage Brain: Peer Influences on Adolescent Decision Making," *Current Directions in Psychological Science* 22, no. 2 (2013): 114–120, https://doi.org/10.1177/0963721412471347.
- 39. Leah H. Somerville, "Special Issue on the Teenage Brain: Sensitivity to Social Evaluation," *Current Directions in Psychological Science* 22, no. 2: 121-127, https://doi.org/10.1177/0963721413476512.
- 40. Ethan Kross, Marc G. Berman, Walter Mischel, Edward E. Smith, and Tor D. Wager, "Social Rejection Shares Somatosensory Representations with Physical Pain," *Proceedings of the National Academy of Sciences* 108, no. 15 (2011): 6270–6275, https://www.istor.org/stable/41126642.
- 41. Silje Hartberg and Kristinn Hegna, "Listen to Me," Youth Survey in Stavanger (2013).
- **42.** Janne Vanhalst, Bart Soenens, Koen Luyckx, Stijn Van Petegem, Molly S. Weeks, and Steven R. Asher, "Why Do the Lonely Stay Lonely? Chronically Lonely Adolescents' Attributions and Emotions in Situations of Social Inclusion and Exclusion," *Journal of Personality & Social Psychology* 109, no. 5 (2015): 932–948, https://doi.org/10.1037/pspp0000051.
- 43. Janne Vanhalst, Bart Soenens, Koen Luyckx, Stijn Van Petegem, Molly S. Weeks, and Steven R. Asher, "Why Do the Lonely Stay Lonely? Chronically Lonely Adolescents' Attributions and Emotions in Situations of Social Inclusion and Exclusion," Journal of Personality and Social Psychology 109, no. 5 (2015): 932–48, https://doi.org/10.1037/pspp0000051.
- **44.** Mustafa Şahin, "The Relationship Between the Cyberbullying/cybervictmization and Loneliness among Adolescents," *Children and Youth Services Review* 34, no. 4 (April 2012): 834–837, https://doi.org/10.1016/j.childyouth.2012.01.010.
- **45.** Gayle Brewer and Jade Kerslake, "Cyberbullying, Self-esteem, Empathy and Loneliness," *Computers in Human Behavior* 48 (2015): 255–260, https://doi.org/10.1016/j.chb.2015.01.073.
- **46.** "What Is Cyberbullying?" *Psy.D. Programs*, accessed November 14, 2019, https://psydprograms.org/what-is-cyberbullying/.
- **47.** Mustafa Şahin, "The Relationship Between the Cyberbullying/cybervictmization and Loneliness among Adolescents," *Children and Youth Services Review* 34, no. 4 (April 2012): 834–837, https://doi.org/10.1016/j.childvouth.2012.01.010.
- **48.** National Center for Educational Statistics, "Student Reports of Bullying: Results from the 2015 School Crime Supplement to the National Crime Victimization Survey," *U.S. Department of Education*, December 2016, https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2017015.
- **49.** Centers for Disease Control and Prevention, "Youth Risk Behavior Surveillance—United States, 2017," *Morbidity and Mortality Weekly Report—Surveillance Summaries* 67, no.8 (June 15, 2018): 1–479, https://www.cdc.gov/healthyyouth/data/yrbs/pdf/2017/ss6708.pdf.
- **50.** National Center for Educational Statistics, "Student Reports of Bullying: Results from the 2015 School Crime Supplement to the National Crime Victimization Survey," *U.S. Department of Education*, December 2016, https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2017015.
- **51.** Daniel Perlman and Letitia Anne Peplau, "Theoretical Approaches to Loneliness." in *Loneliness: A Sourcebook of Current Theory, Research and Therapy,* ed. Letitia Peplau (New York: John Wiley & Sons, 1982), 123–134.
- **52.** Bhawana Singh and U. V. Kiran, "Loneliness Among Elderly Women," *International Journal of Humanities and Social Science Invention* 2, no. 1 (January 2013): 1–5, https://www.researchgate.net/profile/UV_Kiran2/publication/236161239_Loneliness_among_elder-ly-women/links/00b495180e38020628000000.pdf.
- 53. California Institute of Technology, "How Social Isolation Transforms the Brain: A Particular Neural Chemical Is Overproduced During Long-term Social Isolation, Causing Increased Aggression and Fear," *ScienceDaily*, May 17, 2018, www.sciencedaily.com/releases/2018/05/180517113856.htm.

- **54.** Raheel Mushtaq, Sheikh Shoib, Tabindah Shah, and Sahil Mushtaq, "Relationship Between Loneliness, Psychiatric Disorders and Physical Health? A Review on the Psychological Aspects of Loneliness," *Journal of Clinical & Diagnostic Research* 8 (2014): 1–4, https://doi.org/10.7860/JCDR/2014/10077.4828.
- 55. Jennifer S. Silk, Ella Vanderbilt-Adriance, Daniel S. Shaw, Erika E. Forbes, Diana J. Whalen, Neal D. Ryan, and Ronald E. Dahl, "Resilience Among Children and Adolescents at Risk for Depression: Mediation and Moderation across Social and Neurobiological Contexts," *Development and Psychopathology* 19, no. 3 (2007): 841–865.
- **56.** Bonnie M. Hagerty and Arthur Williams, "The Effects of Sense of Belonging, Social Support, Conflict, and Loneliness on Depression," *Nursing Research* 48, no. 4 (1999): 215–219, http://ovidsp.ovid.com/ovidweb.cgi?T=JS&PAGE=reference&D=ovftd&NEWS=N&AN=00006199-199907000-00004.
- 57. Linda J. Koenig, Ann M. Isaacs, and Jennifer AJ Schwartz, "Sex Differences in Adolescent Depression and Loneliness: Why Are Boys Lonelier If Girls Are More Depressed?" *Journal of Research in Personality* 28, no. 1 (1994): 27–43, https://doi.org/10.1006/jrpe.1994.1004.
- 58. Ariel Stravynski and Richard Boyer, "Loneliness in Relation to Suicide Ideation and Parasuicide: A Population-wide Study," *Suicide and Life-Threatening Behavior* 31, no. 1 (Spring 2001): 32–40, retrieved from https://lib-byu-edu.erl.lib.byu.edu/remoteauth/?url=/docview/224894435?accountid=4488.
- 59. Sarah D. Pressman, Sheldon Cohen, Gregory E. Miller, Anita Barkin, Bruce S. Rabin, and John J. Treanor. "Loneliness, Social Network Size, and Immune Response to Influenza Vaccination in College Freshmen," *Health Psychology* 24, no. 3 (2005): 297–306, https://doi.org/10.1037/0278-6133.24.3.297.
- **60.** Ibid.
- **61.** "Sleep and Mental Health," *Harvard Health*, accessed October 28, 2019, https://www.health.harvard.edu/newsletter article/sleep-and-mental-health.
- **62.** Julianne Holt-Lunstad, Timothy B. Smith, and J. Bradley Layton, "Social Relationships and Mortality Risk: A Meta-analytic Review," *PLoS Med* 7, no. 7 (July 2010): e1000316, https://doi.org/10.1371/journal.pmed.1000316.
- 63. Julianne Holt-Lunstad, Timothy B. Smith, Mark Baker, Tyler Harris, and David Stephenson, "Loneliness and Social Isolation as Risk Factors for Mortality: A Meta-Analytic Review," Perspectives on Psychological Science 10, no. 2 (March 2015): 227–37, https://doi.org/10.1177/1745691614568352.
- **64.** Raheel Mushtaq, Sheikh Shoib, Tabindah Shah, and Sahil Mushtaq, "Relationship between Loneliness, Psychiatric Disorders and Physical Health? A Review on the Psychological Aspects of Loneliness," *Journal of Clinical and Diagnostic Research* 8, no. 9 (2014): WE01, https://doi.org/10.7860/JCDR/2014/10077.4828.
- 65. Jon Lampaa, Marie Westman, Diana Kadetoff, Anna Nordenstedt Agréus, Erwan Le Maître, Caroline Gillis-Haegerstrand, Magnus Andersson, Mohsen Khademi, Maripat Corr, Christina A. Christianson, Ada Delaney, Tony L. Yaksh, Eva Kosek, and Camilla I. Svensson, "Peripheral Inflammatory Disease Associated with Centrally Activated IL-1 System in Humans and Mice," Proceedings of the National Academy of Sciences 109, no. 31 (2012): 12728–12733, https://doi.org/10.1073/pnas.1118748109.
- 66. Lisa M. Jaremka, Christopher P. Fagundes, Juan Peng, Jeanette M. Bennett, Ronald Glaser, William B. Malarkey, and Janice K. Kiecolt-Glaser, "Loneliness Promotes Inflammation During Acute Stress," *Psychological Science* 24, no. 7 (2013): 1089–1097.
- **67.** Bridget J. Goosby, Anna Bellatorre, Katrina M. Walsemann, and Jacob E. Cheadle, "Adolescent Loneliness and Health in Early Adulthood," *Sociological Inquiry* 83, no. 4 (2013): 505–536, https://doi.org/10.1111/soin.12018.
- S. W. Sadava, and M. M. Thompson, "Loneliness, Social Drinking, and Vulnerability to Alcohol Problems," *Canadian Journal of Behavioural Science* 18, no. 2 (1986): 133, https://doi.org/10.1037/h0079980.
- **69.** Ibid.

- 70. Ken C. Winters and George A. Henly, "Personal Experience Inventory (PEI) A Measure of Substance Abuse in Adolescents," *Cigarette Use Questionnaire CUQ*, 1989.
- **71.** Joyce Kirkpatrick-Smith, Alexander R. Rich, Ronald Bonner, and Frank Jans, "Psychological Vulnerability and Substance Abuse as Predictors of Suicide Ideation among Adolescents," *OMEGA* 24, no. 1 (1992): 21–33, https://doi.org/10.2190/TVBX-40KA-QGLW-P2KC.
- 72. Michael T. McKay, Svenja Konowalczyk, James R. Andretta, and Jon C. Colea, "The direct and indirect effect of loneliness on the development of adolescent alcohol use in the United Kingdom," Addictive Behaviors Reports 6, no.1 (December 2017): 65–70, https://doi.org/10.1016/j.abrep.2017.07.003.
- 73. Jeffery Juergens, "Health Effects of Teen Substance Abuse Addiction Center," *AddictionCenter*, accessed October 29, 2019, www.addictioncenter.com/teenage-drug-abuse/health-effects-teen-substance-abuse/.
- 74. Grace MH Pretty, Lisa Andrewes, and Chris Collett, "Exploring Adolescents' Sense of Community and Its Relationship to Loneliness," *Journal of Community Psychology* 22, no. 4 (1994): 346–358, https://doi.org/10.1002/1520-6629(199410)22:4<346::AID-JCOP2290220407>3.0.CO;2-J.
- **75.** Michael Mason, Ivan Cheung, and Leslie Walker, "Substance Use, Social Networks, and the Geography of Urban Adolescents," *Substance Use & Misuse* 39, nos. 10–12 (2004): 1751–1777, https://doi.org/10.1081/JA-200033222.
- **76.** Feng Kong and Xuqun You, "Loneliness and Self-Esteem as Mediators between Social Support and Life Satisfaction in Late Adolescence," *Social Indicators Research* 110, no. 1 (2013): 271–279, https://doi.org/10.1007/s11205-011-9930-6.
- 77. Newport Academy, "About," *Newport Academy*, accessed May 11, 2020, https://www.newportacademy.com/about/.
- 78. Newport Academy, "How to Recognize Loneliness in Teenagers," *Newport Academy*, January 30, 2019, https://www.newportacademy.com/resources/mental-health/loneliness-in-teenagers/.
- **79.** Newport Academy, "The Science of Healing: Data Collection at Newport Academy," *Evidence-based Care Model 2018 Outcomes and Key Findings*, https://www.newportacademy.com/wp-content/themes/newport/img/Newport%20Academy-TheScienceofHealing-2018Outcomes-Digital.pdf?x82950.
- **80.** Newport Academy, "Measuring Treatment Outcomes: The Science of Healing," accessed May 11, 2020, https://www.newportacademy.com/outcomes/.
- 81. "Generalised Anxiety Disorder Assessment," *Child Outcomes Research Consortium*, accessed November 10, 2019, https://www.corc.uk.net/outcome-experience-measures/generalised-anxiety-disorder-assessment/
- 82. Newport Academy, "The Science of Healing: Data Collection at Newport Academy," *Evidence-based Care Model 2018 Outcomes and Key Findings*, https://www.newportacademy.com/wp-content/themes/newport/img/Newport%20Academy-TheScienceofHealing-2018Outcomes-Digital.pdf?x82950.
- 83. "New Cigna Study Reveals Loneliness at Epidemic Levels in America," *Cigna*, May 01, 2018, https://www.cigna.com/newsroom/news-releases/2018/new-cigna-study-reveals-loneliness-at-epidemic-levels-in-america.
- 84. "Teen Girls Are Less Confident Than Boys & It's Affecting Their Futures," *YPulse*, accessed November 2, 2019, https://www.ypulse.com/article/2018/04/12/teen-girls-are-less-confident-than-boys-its-affecting-their-futures/.
- **85.** Ibid.
- 86. Ibid.
- **87.** "Our Impact," *Girls on the Run,* accessed November 5, 2019, https://www.girlsontherun.org/what-we-do/our-impact/.
- **88.** "3rd-5th Grade Program," *Girls on the Run,* accessed May 11, 2020, https://www.girlsontherun.org/what-we-do/3rd-5th-grade-program/.

- **89.** "Our Impact," *Girls on the Run,* accessed November 5, 2019, https://www.girlsontherun.org/what-we-do/our-impact/.
- 90. Ibid.
- **91.** Ibid.
- 92. Janne Vanhalst, Koen Luyckx, Ron HJ Scholte, Rutger CME Engels, and Luc Goossens, "Low Self-Esteem as a Risk Factor for Loneliness in Adolescence: Perceived but not Actual Social Acceptance as an Underlying Mechanism," *Journal of Abnormal Child Psychology* 41, no. 7 (2013): 1067–1081, https://doi.org/10.1007/s10802-013-9751-y.
- **93.** Priya Thomas, "4 Relationship-Focused Ways You Can Help Students Decrease Loneliness," *Presence*, June 27, 2019, www.presence.io/blog/4-relationship-focused-ways-you-can-help-students-decrease-loneliness/.
- **94.** California Institute of Technology, "How Social Isolation Transforms the Brain: A Particular Neural Chemical Is Overproduced During Long-term Social Isolation, Causing Increased Aggression and Fear," *ScienceDaily*, May 17, 2018, www.sciencedaily.com/releases/2018/05/180517113856.htm.
- **95.** Ariel Stravynski and Richard Boyer, "Loneliness in Relation to Suicide Ideation and Parasuicide: A Population-Wide Study," *Suicide and Life-Threatening Behavior* 31, no. 1 (2001): 32–40.
- **96.** "About Us," *The Society for the Prevention of Teen Suicide (SPTS)*, accessed November 10, 2019, https://www.sptsusa.org/about-us/.
- **97.** "Resources: Organizations," *Los Angeles County Youth Suicide Prevention Project*, accessed May 12, 2020, https://preventsuicide.lacoe.edu/resources/organizations/.
- 98. Maureen Underwood, "Frequently Asked Questions from Educators," *The Society for the Preventions of Teen Suicide (SPTS)*, accessed May 12, 2020, http://www.sptsusa.org/educators/frequently-asked-questions-from-educators/.
- **99.** Ibid.
- **100.** Ibid.
- 101. California Institute of Technology, "How Social Isolation Transforms the Brain: A Particular Neural Chemical Is Overproduced During Long-term Social Isolation, Causing Increased Aggression and Fear," *ScienceDaily*, May 17, 2018, www.sciencedaily.com/releases/2018/05/180517113856.htm.
- **102.** Karyn Hall, "Accepting Loneliness," *Psychology Today*, January 13, 2013, https://www.psychologytoday.com/us/blog/pieces-mind/201301/accepting-loneliness.
- **103.** "Mission," *The Cost of Loneliness Project*, accessed November 25, 2019, https://www.thecostofloneliness.org/mission-1.
- **104.** "What We Do," *JED*, accessed November 25, 2019, https://www.iedfoundation.org/what-we-do/.
- 105. Mark Zuckerberg, quoted in Kerry Flynn, "Facebook's Traffic Is down 50 Million Hours per Day as Zuckerberg Demands Fewer 'viral Videos'," *Mashable*, January 31, 2018, https://mashable.com/2018/01/31/facebook-earnings-2017-50-million-hours-per-day-traffic/.
- **106.** Ibid.
- **107.** "Gen Z May Be the Loneliest Generation," *EAB*, April 26, 2019, https://eab.com/insights/daily-briefing/student-affairs/gen-z-may-be-the-loneliest-generation/.
- 108. Andrew Hutchinson, "Facebook Reaches 2.38 Billion Users, Beats Revenue Estimates in Latest Update," Social Media Today, April 24, 2019, https://www.socialmediatoday.com/news/facebook-reaches-238-billion-users-beats-revenue-estim ates-in-latest-upda/553403/.
- 109. Dennis Green, "The Most Popular Social Media Platforms with Gen Z," Business Insider, July 02, 2019, https://www.businessinsider.com/gen-z-loves-snapchat-instagram-and-youtube-social-media-201

9-6.