

# Inadequate Healthcare for American Indians in the United States

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## FOOTNOTES

1. Eric Whitney, "Native Americans Feel Invisible in U.S. Health Care System," *NPR*, December 12, 2017, <https://www.npr.org/sections/health-shots/2017/12/12/569910574/native-americans-feel-invisible-in-u-s-health-care-system#:~:text=A%20lot%20of%20that%20has,%2C%20monetary%2C%22%20Moss%20says>.
2. Jennie R. Joe, "The Rationing of Healthcare and Health Disparity for the American Indians/Alaska Natives," in *Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care* (Washington, DC: National Academies Press, 2003), <https://www.ncbi.nlm.nih.gov/books/NBK220367/>.
3. Ibid.
4. "Tribal Enrollment Process," *US Department of the Interior*, July 1, 2015, <https://www.doi.gov/tribes/enrollment>.
5. "About Chronic Diseases," *Centers for Disease Control and Prevention*, July 21, 2022, <https://www.cdc.gov/chronicdisease/about/index.htm>.
6. "Understanding Hunger and Food Insecurity," *Feeding America*, 2018, <https://www.feedingamerica.org/hunger-in-america/food-insecurity>.
7. "Health Disparities," *Centers for Disease Control and Prevention*, November 24, 2020, <https://www.cdc.gov/healthyyouth/disparities/index.htm>.
8. "Health Coverage - Glossary," *HealthCare.gov*, accessed 30 January 2024, <https://www.healthcare.gov/glossary/health-coverage/#:~:text=Legal%20entitlement%20to%20payment%20or>.
9. "Trauma," *Administration for Children & Families*, accessed February 11, 2023, <https://www.acf.hhs.gov/trauma-toolkit/trauma-concept>.
10. Jessica Jaiswal and Perry N. Halkitis, "Towards a More Inclusive and Dynamic Understanding of Medical Mistrust Informed by Science," *Behavioral Medicine (Washington, DC)*, 2019, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7808310/#:~:text=The%20authors%20define%20medical%20mistrust,but%20also%20%E2%80%9Cdeeper%20legacies%E2%80%9D>.
11. Paula Braveman and Laura Gottlieb, "The Social Determinants of Health: It's Time to Consider the Causes of the Causes," *Public Health Reports*, 129, (2014): 19–31, <https://journals.sagepub.com/doi/pdf/10.1177/00333549141291S206>.
12. Ruth Ivory-Moore, *Pore Space Rights - U.S. Overview* (Global CCS Institute, 2022), <https://www.globalccsinstitute.com/wp-content/uploads/2022/05/Brief-Pore-Space-Rights-5.24-12.pdf>.
13. "Frequently Asked Questions," *BIA*, accessed October 4, 2023, <https://www.bia.gov/frequently-asked-questions#:~:text=As%20a%20general%20rule%2C%20an>.
14. Russell Thornton, "Tribal Membership Requirements and the Demography of "Old" and "New" Native Americans," in *Changing Numbers, Changing Needs: American Indian Demography and Public Health*, ed. G. D. Sandefur, R. R. Rindfuss, and B. Cohen, (Washington, DC: National Academies Press (US), 1996), <https://www.ncbi.nlm.nih.gov/books/NBK233104/>.

15. "Who Is an American Indian or Alaska Native?" *Indian Affairs*, accessed November 28, 2023, <https://www.bia.gov/faqs/who-american-indian-or-alaska-native#:~:text=Other%20factors%2C%20such%20as%20a,Alaska%20Native%2C%20are%20also%20important>.
16. Kat Chow, "So What Exactly Is 'Blood Quantum'?" *NPR*, February 9, 2018, <https://www.npr.org/sections/codeswitch/2018/02/09/583987261/so-what-exactly-is-blood-quantum#:~:text=of%20your%20tribe-,Blood%20quantum%20was%20initially%20a%20system%20that%20the%20federal%20government,part%20of%20their%20citizenship%20requirements>.
17. "Tribal Enrollment Process," *US Department of the Interior*, July 1, 2015, <https://www.doi.gov/tribes/enrollment>.
18. "About IHS," *IHS*, 2017, <https://www.ihs.gov/aboutihs/>.
19. "The Indian Health Service (IHS): An Overview," *Every CRS Report*, Congressional Research Service, January 12, 2016, <https://www.everycrsreport.com/reports/R43330.html>.
20. "10 Important Facts about Indian Health Service and Health Insurance," (HealthCare.gov, August 2016), 8, <https://www.cms.gov/Outreach-and-Education/American-Indian-Alaska-Native/AIAN/Downloads/10-Important-Facts-About-IHS-and-Health-Care-.pdf>.
21. Ibid.
22. "Quick Look | Fact Sheets," *Newsroom*, 2013, <https://www.ihs.gov/newsroom/factsheets/quicklook/>.
23. "Disparities | Fact Sheets," *Indian Health Service*, October 2019, <https://www.ihs.gov/newsroom/factsheets/disparities/>.
24. "For Patients," *Indian Health Service*, accessed February 11, 2023, <https://www.ihs.gov/forpatients#:~:text=IHS%20provides%20a%20comprehensive%20health,Natives%20in%20the%20United%20States>.
25. "Disparities | Fact Sheets," *Indian Health Service*, October 2019, <https://www.ihs.gov/newsroom/factsheets/disparities/>.
26. Mary Smith, "Native Americans: A Crisis in Health Equity - American Bar Association," *American Bar Association*, accessed February 11, 2023. [http://www.americanbar.org/groups/crsj/publications/human\\_rights\\_magazine\\_home/the-state-of-healthcare-in-the-united-states/native-american-crisis-in-health-equity#:~:text=American%20Indians%20and%20Alaska%20Natives%20born%20today%20have%20a%20life,cirrhosis%2C%20diabetes%2C%20and%20chronic%20lower](http://www.americanbar.org/groups/crsj/publications/human_rights_magazine_home/the-state-of-healthcare-in-the-united-states/native-american-crisis-in-health-equity#:~:text=American%20Indians%20and%20Alaska%20Natives%20born%20today%20have%20a%20life,cirrhosis%2C%20diabetes%2C%20and%20chronic%20lower).
27. Collette Adamsen et al., "Education, Income, and Employment and Prevalence of Chronic Disease among American Indian/Alaska Native Elders." *Preventing Chronic Disease*, US National Library of Medicine, March 22, 2018, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5871354/>.
28. "Health Policy Data Requests - Percent of U.S. Adults 55 and over with Chronic Conditions," *National Center for Health Statistics*, November 6, 2015, [https://www.cdc.gov/nchs/health\\_policy/adult\\_chronic\\_conditions.htm](https://www.cdc.gov/nchs/health_policy/adult_chronic_conditions.htm).
29. Becky Morgan, "Diabetes Still Highest among AI/AN." *NICOA*, January 14, 2019, <https://www.nicoa.org/diabetes-still-highest-among-ai-an/>.
30. Michael Kaliszewski, "Substance Abuse Statistics for Native Americans," *American Addiction Centers*, September 12, 2022, <https://americanaddictioncenters.org/addiction-statistics/native-americans>.
31. Ibid.
32. "How Hunger Affects Native American Communities," *Move For Hunger*, accessed January 30, 2024, <https://moveforhunger.org/native-americans-food-insecure#:~:text=About%20one%20in%20four%20Native>.

33. Phillip Kaufman, Chris Dicken, and Ryan Williams, *Measuring Access to Healthful, Affordable Food in American Indian and Alaska Native Tribal Areas* (Washington, DC: United States Department of Agriculture, December 2014), [https://www.ers.usda.gov/webdocs/publications/43905/49690\\_eib131\\_errata.pdf](https://www.ers.usda.gov/webdocs/publications/43905/49690_eib131_errata.pdf).
34. Ibid.
35. Donald Warne and Linda Bane Frizzell, "American Indian Health Policy: Historical Trends and Contemporary Issues," *American Journal of Public Health*, June 2014, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4035886/>.
36. "Basis for Health Services: Fact Sheets," *Newsroom*, accessed February 11, 2023, <https://www.ihs.gov/newsroom/factsheets/basisforhealthservices/>.
37. "Brief History of the Indian Health Care Improvement Act," *Tribal Health Reform Resource Center*, accessed January 31, 2024, <https://www.nihb.org/tribalhealthreform/ihcia-history/>.
38. Ibid.
39. "Indian Tribes and Resources for Native Americans," *USA.gov*, 2019, <https://www.usa.gov/tribes>.
40. "Office of Minority Health," *American Indian/Alaska Native - The Office of Minority Health*, accessed March 8, 2023, <https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=3&lvlid=62#:~:text=In%202019%2C%20ten%20states%20with,%2C%20South%20Dakota%2C%20New%20York>.
41. "About Us," *Indian Affairs*, accessed January 30, 2024, [https://www.bia.gov/about-us#:~:text=Indian%20Affairs%20\(IA\)%20currently%20provides](https://www.bia.gov/about-us#:~:text=Indian%20Affairs%20(IA)%20currently%20provides).
42. "What Is a Federal Indian Reservation?" *Indian Affairs*, accessed January 30, 2024, <https://www.bia.gov/faqs/what-federal-indian-reservation#:~:text=The%20largest%20is%20the%2016>.
43. "About Us," *Indian Affairs*, accessed 30 January 30, 2024, [https://www.bia.gov/about-us#:~:text=Indian%20Affairs%20\(IA\)%20currently%20provides](https://www.bia.gov/about-us#:~:text=Indian%20Affairs%20(IA)%20currently%20provides).
44. "Understanding Tribal Sovereignty," *Federal Bar Association*, March 1, 2017, <https://www.fedbar.org/blog/understanding-tribal-sovereignty/>.
45. "The Dawes Act," *Khan Academy*, accessed March 8, 2023, <https://www.khanacademy.org/humanities/us-history/the-gilded-age/american-west/a/the-dawes-act>.
46. "Trail of Tears," *History.com*, A&E Television Networks, November 9, 2009, <https://www.history.com/topics/native-american-history/trail-of-tears>.
47. Ken Drexler, "Research Guides: Indian Removal Act: Primary Documents in American History: Introduction," *Loc.gov, Library of Congress*, January 22, 2019, <https://guides.loc.gov/indian-removal-act>.
48. "Dawes Act (1887)," *National Archives*, September 9, 2021, <https://www.archives.gov/milestone-documents/dawes-act#:~:text=Also%20known%20as%20the%20General>.
49. Samina Syed, Ben Gerber, and Lisa Sharp, "Traveling towards Disease: Transportation Barriers to Health Care Access," *Journal of Community Health* 38, no. 5 (March 31, 2013): 976–993, <https://doi.org/10.1007/s10900-013-9681-1>.
50. Hannah Lambalot, Kelcie Jimenez, and Deborah Roseman, *Essential Hospitals and States: Confronting Transportation Barriers to Improve Health* (America's Essential Hospitals, March 2019), <https://essentialhospitals.org/wp-content/uploads/2019/03/Confronting-Transportation-Barriers-1.pdf>.
51. Wakina Scott, *Welfare Reform and American Indians: Critical Issues for Reauthorization* (Washington, DC: National Health Policy Forum, June 17, 2002), <https://www.ncbi.nlm.nih.gov/books/NBK561163/>.

52. Elvis Ndembe et al., *Tribal Transit Study: Demographic Needs Indicators, Funding Needs and Livability* (Fargo, ND: Upper Great Plains Transportation Institute, April 2021), <https://www.ugpti.org/resources/reports/downloads/surtcom21-05.pdf>.
53. Stephanie M. Wille et al., "Barriers to Healthcare for American Indians Experiencing Homelessness," *Journal of Social Distress and the Homeless*, US National Library of Medicine, 2017. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5783318>.
54. Jennie R. Joe, "The Rationing of Healthcare and Health Disparity for the American Indians/Alaska Natives," in *Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care* (Washington, DC: National Academies Press, 2003), <https://www.ncbi.nlm.nih.gov/books/NBK220367/>.
55. Onyi Lam, Brian Broderick, and Skye Toor, "How Far Americans Live from the Closest Hospital Differs by Community Type," *Pew Research Center*, December 12, 2018, <https://www.pewresearch.org/short-reads/2018/12/12/how-far-americans-live-from-the-closest-hospital-differs-by-community-type/>.
56. Peng Jia, Fahui Wang, and Imam M Xierali, "Differential Effects of Distance Decay on Hospital Inpatient Visits among Subpopulations in Florida, USA," *Environmental Monitoring and Assessment*, US National Library of Medicine, June 28, 2019, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6598965/>.
57. "Transportation Issues in Indian Country," *GovInfo*, accessed November 9, 2023, <https://www.govinfo.gov/content/pkg/CHRG-110shrg37860/html/CHRG-110shrg37860.htm#:~:text=Of%20the%2027%2C000%20miles%20of>.
58. "Improving Health Care through Transportation," *National Academies*, accessed November 29, 2023, <https://www.nationalacademies.org/trb/blog/improving-health-care-through-transportation>.
59. "Indian Health Service: Efforts to Recruit Health Care Professionals," *GovInfo*, accessed November 9, 2023, <https://www.govinfo.gov/content/pkg/GAOREPORTS-HEHS-94-180FS/html/GAOREPORTS-HEHS-94-180FS.htm>.
60. Kerry Cromer, Linda Wofford, David K. Wyant, "Barriers to Healthcare Access Facing American Indian and Alaska Natives in Rural America," *Taylor & Francis*, accessed March 8, 2023, [https://www.tandfonline.com/doi/full/10.1080/07370016.2019.1665320?casa\\_token=lyVSgctL8LMAAAAA%3AiLFTVA80Pi40WGRwe650VZjBLkzLZ0wJKJgdTghpqquzzMoOT1eSdhwC6PdsstbFfPyUJpVnz7aA](https://www.tandfonline.com/doi/full/10.1080/07370016.2019.1665320?casa_token=lyVSgctL8LMAAAAA%3AiLFTVA80Pi40WGRwe650VZjBLkzLZ0wJKJgdTghpqquzzMoOT1eSdhwC6PdsstbFfPyUJpVnz7aA)
61. Elizabeth Mertz, Cynthia Wides, and Paul Gates, "The American Indian and Alaska Native Dentist Workforce in the United States," *Journal of Public Health Dentistry* 77, no. 2 (December 2016): 125–35, <https://doi.org/10.1111/jphd.12186>.
62. Misha Friedman, "For Native Americans, Health Care Is a Long, Hard Road Away," *NPR*, April 13, 2016, <https://www.npr.org/sections/health-shots/2016/04/13/473848341/health-care-s-hard-realities-on-the-reservation-a-photo-essay>.
63. Mary Smith, "Native Americans: A Crisis in Health Equity - American Bar Association," *American Bar Association*, accessed February 11, 2023, [http://www.americanbar.org/groups/crsj/publications/human\\_rights\\_magazine\\_home/the-state-of-healthcare-in-the-united-states/native-american-crisis-in-health-equity/#:~:text=American%20Indians%20and%20Alaska%20Natives%20born%20today%20have%20a%20life,cirrhosis%2C%20diabetes%2C%20and%20chronic%20lower](http://www.americanbar.org/groups/crsj/publications/human_rights_magazine_home/the-state-of-healthcare-in-the-united-states/native-american-crisis-in-health-equity/#:~:text=American%20Indians%20and%20Alaska%20Natives%20born%20today%20have%20a%20life,cirrhosis%2C%20diabetes%2C%20and%20chronic%20lower).
64. Maggie L. Thorsen et al., "Evaluating Disparities in Access to Obstetric Services for American Indian Women Across Montana," *The Journal of Rural Health* 38, no. 1 (2021): 151–60, <https://doi.org/10.1111/jrh.12572>.

65. "Native Americans Given Promise of Health Care. For Rural Moms, It's an Empty One," *USA Today*, August 11, 2022, <https://www.usatoday.com/in-depth/news/health/2022/08/11/rural-native-americans-suffer-lack-maternal-health-care-access/10084897002/#:~:text=There%20are%20only%20nine%20IHS.>
66. Adrianna Rodriguez, "These Are the Best Hospitals to Have a Baby in Every State, According to US News & World Report," *USA Today*, December 7, 2021, <https://www.usatoday.com/story/news/health/2021/12/07/best-hospitals-have-baby-every-state-us-news-world-report/6405851001/>.
67. "Health Facilities Construction," *Indian Health Service*, October 2016, <https://www.ihs.gov/newsroom/factsheets/healthfacilitiesconstruction/>
68. Tracy J. Stewart and Vivian M. Gonzalez, "Associations of Historical Trauma and Racism with Health Care System Distrust and Mental Health Help-Seeking Propensity among American Indian and Alaska Native College Students," *Cultural Diversity and Ethnic Minority Psychology*, April 2023, <https://doi.org/10.1037/cdp0000587>.
69. Hannah Brown, "The Effects of Historical Trauma on the Health of Indigenous Communities in North America." *D- Scholarship*, Institutional Repository at the University of Pittsburgh, May 16, 2022, <http://d-scholarship.pitt.edu/42885/>.
70. "Tips for Disaster Responders: Understanding Historical Trauma and Resilience When Responding to an Event in Indian Country," *Substance Abuse and Mental Health Services Administration*, accessed January 30, 2024, [https://store.samhsa.gov/sites/default/files/SAMHSA\\_Digital\\_Download/pep22-01-01-005.pdf](https://store.samhsa.gov/sites/default/files/SAMHSA_Digital_Download/pep22-01-01-005.pdf).
71. Tracy J. Stewart, and Vivian M. Gonzalez, "Associations of Historical Trauma and Racism with Health Care System Distrust and Mental Health Help-Seeking Propensity among American Indian and Alaska Native College Students," *Cultural Diversity and Ethnic Minority Psychology*, April 2023, <https://doi.org/10.1037/cdp0000587>.
72. David S. Jones, "The Persistence of American Indian Health Disparities," *American Journal of Public Health* 96, no. 12 (October 10, 2011): 2122–34, <https://doi.org/10.2105/ajph.2004.054262>.
73. "Tips for Disaster Responders: Understanding Historical Trauma and Resilience When Responding to an Event in Indian Country," *Substance Abuse and Mental Health Services Administration*, accessed January 30, 2024, [https://store.samhsa.gov/sites/default/files/SAMHSA\\_Digital\\_Download/pep22-01-01-005.pdf](https://store.samhsa.gov/sites/default/files/SAMHSA_Digital_Download/pep22-01-01-005.pdf).
74. Sherry C. Kwon and Abdolreza Saadabadi, *Mental Health Challenges in Caring for American Indians and Alaska Natives* (Florida: StatPearls Publishing, 2022), <https://www.ncbi.nlm.nih.gov/books/NBK570587/>.
75. Ibid.
76. B. Ashleigh Guadagnolo et al., "Medical Mistrust and Less Satisfaction with Health Care among Native Americans Presenting for Cancer Treatment," *Journal of Health Care for the Poor and Underserved* 20, no. 1 (February 2009): 210–26, <https://doi.org/10.1353/hpu.0.0108>.
77. Ibid.
78. Elise Trott Jaramillo et al., "Causes and Consequences of Not Having a Personal Healthcare Provider Among American Indian Elders: A Mixed-Method Study," *Frontiers in Public Health* 10 (March 2022), <https://doi.org/10.3389/fpubh.2022.832626>.
79. Ibid.
80. Ibid.
81. Kathleen Brown-Rice, "Examining the Theory of Historical Trauma among Native Americans – the Professional Counselor," *The Professional Counselor*, October 15, 2014, <https://tpcjournal.nbcc.org/examining-the-theory-of-historical-trauma-among-native-americans/>.

82. "Britain Wages Biological Warfare with Smallpox - Timeline - Native Voices," *National Library of Medicine*, accessed January 30, 2024, <https://www.nlm.nih.gov/nativevoices/timeline/229.html>.
83. Christina M. Pacheco and Sean M. Daley, "Moving Forward: Breaking the Cycle of Mistrust Between American Indians and Researchers," *American Journal of Public Health*, American Public Health Association, November 4, 2013, <https://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2013.301480>.
84. Nanibaa' A. Garrison, "Genomic Justice for Native Americans," *Science, Technology, & Human Values* 38, no. 2 (December 2012): 201–23, <https://doi.org/10.1177/0162243912470009>.
85. "About IHS," *Indian Health Service*, 2017, <https://www.ihs.gov/aboutihs/>.
86. *Healthcare Reducing Disparities in the Federal Health Care Budget* (Fiscal Year 2019 Indian Country Budget Request, 2019), [https://archive.ncai.org/07\\_NCAI-FY20-Healthcare.pdf](https://archive.ncai.org/07_NCAI-FY20-Healthcare.pdf).
87. Eric Whitney, "Native Americans Feel Invisible in U.S. Health Care System," *NPR*, December 12, 2017, <https://www.npr.org/sections/health-shots/2017/12/12/569910574/native-americans-feel-invisible-in-u-s-health-care-system#:~:text=A%20lot%20of%20that%20has,%2C%20monetary%2C%22%20Moss%20says>.
88. Ibid.
89. *Healthcare Reducing Disparities in the Federal Health Care Budget* (Fiscal Year 2019 Indian Country Budget Request, 2019), [https://archive.ncai.org/07\\_NCAI-FY20-Healthcare.pdf](https://archive.ncai.org/07_NCAI-FY20-Healthcare.pdf).
90. *Department of Health and Human Services, Fiscal Year 2024* (Rockville, MD: Indian Health Service, March 10, 2023), [https://www.ihs.gov/sites/budgetformulation/themes/responsive2017/display\\_objects/documents/FY2024-IHS-CJ32223.pdf](https://www.ihs.gov/sites/budgetformulation/themes/responsive2017/display_objects/documents/FY2024-IHS-CJ32223.pdf).
91. Jennie R. Joe, "The Rationing of Healthcare and Health Disparity for the American Indians/Alaska Natives," in *Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care* (Washington, DC: National Academies Press, 2003), <https://www.ncbi.nlm.nih.gov/books/NBK220367/>.
92. Michelle Sarche and Paul Spicer, "Poverty and Health Disparities for American Indian and Alaska Native Children," *Annals of the New York Academy of Sciences* 1136, no. 1 (2008): 126–36, <https://doi.org/10.1196/annals.1425.017>.
93. Ibid.
94. Ibid.
95. Bianca K. Frogner and Janette S. Dill, "Tracking Turnover among Health Care Workers during the COVID-19 Pandemic," *JAMA Health Forum* 3, no. 4 (2022): e220371, <https://doi.org/10.1001/jamahealthforum.2022.0371>.
96. *Summary of Recruitment and Retention Challenges* (Indian Health Service, 2016), [https://www.ihs.gov/sites/newsroom/themes/responsive2017/display\\_objects/documents/2016\\_Letters/Enclosure2\\_IHSSummarySheet\\_WorkforceChallenges.pdf](https://www.ihs.gov/sites/newsroom/themes/responsive2017/display_objects/documents/2016_Letters/Enclosure2_IHSSummarySheet_WorkforceChallenges.pdf).
97. Jennie R. Joe, "The Rationing of Healthcare and Health Disparity for the American Indians/Alaska Natives," in *Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care* (Washington, DC: National Academies Press, 2003), <https://www.ncbi.nlm.nih.gov/books/NBK220367/>.
98. Ibid.
99. Van Wilder et al., "Living with a Chronic Disease: Insights from Patients with a Low Socioeconomic Status," *BMC Family Practice* 22, no. 1 (2021), <https://doi.org/10.1186/s12875-021-01578-7>.
100. Collette Adamsen et al., "Education, Income, and Employment and Prevalence of Chronic Disease among American Indian/Alaska Native Elders," *Preventing Chronic Disease*, US National Library of Medicine, March 22, 2018. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5871354/>.

101. *Focus on Wellness* (American Hospital Association, 2007), [https://www.aha.org/system/files/content/00-10/071204\\_H4L\\_FocusonWellness.pdf](https://www.aha.org/system/files/content/00-10/071204_H4L_FocusonWellness.pdf).
102. Van Wilder et al., "Living with a Chronic Disease: Insights from Patients with a Low Socioeconomic Status," *BMC Family Practice* 22, no. 1 (2021), <https://doi.org/10.1186/s12875-021-01578-7>.
103. Collette Adamsen et al., "Education, Income, and Employment and Prevalence of Chronic Disease among American Indian/Alaska Native Elders," *Preventing Chronic Disease*, US National Library of Medicine, March 22, 2018, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5871354/>.
104. "Diabetes Still Highest among AI/AN," *NICOA*, January 14, 2019, <https://www.nicoa.org/diabetes-still-highest-among-ai-an/>.
105. "Race/Ethnicity – Kidney Disease Risk Factors – American Kidney Fund (AKF)," *Kidney Fund*, October 29, 2021, <https://www.kidneyfund.org/all-about-kidneys/risk-factors/raceethnicity-kidney-disease-risk-factors#:~:text=Native%20Americans%20and%20kidney%20disease&text=Native%20Americans%20are%20twice%20as>.
106. Sean Hubbard and Patricia M. Chen, "Falling Short: Examining Medical Debt and Cost Avoidance in American Indian and Alaska Native Households," *Journal of Health Care for the Poor and Underserved* 33, no. 4 (November 2022): 1757–71, <https://doi.org/10.1353/hpu.2022.0136>.
107. Scott V. Adams, Andrea N. Burnett-Hartman, and Stacey A. Cohen, "Cancer Treatment Delays in American Indians and Alaska Natives Enrolled in Medicare," *Journal of Health Care for the Poor and Underserved*, February 2017, <https://muse.jhu.edu/article/648765#tab02>.
108. "Cancer Waiting Times," *Cancer Research UK*, August 15, 2023, <https://www.cancerresearchuk.org/about-cancer/worried-about-cancer/cancer-waiting-times>.
109. Lunna Lopes, Marley Presiado, and Liz Hamel, "Americans' Challenges with Health Care Costs," *KFF*, accessed November 28, 2023, <https://www.kff.org/health-costs/issue-brief/americans-challenges-with-health-care-costs/#:~:text=High%20health%20care%20costs%20disproportionately,care%20due%20to%20the%20cost>.
110. Sean Hubbard and Patricia M. Chen, "Falling Short: Examining Medical Debt and Cost Avoidance in American Indian and Alaska Native Households," *Journal of Health Care for the Poor and Underserved* 33, no. 4 (November 2022): 1757–71, <https://doi.org/10.1353/hpu.2022.0136>.
111. "Medical Debt Implications in Native American Communities," *Community Catalyst*, April 28, 2022, <https://communitycatalyst.org/posts/medical-debt-implications-in-native-american-communities/>.
112. Ibid.
113. Collette Adamsen et al., "Education, Income, and Employment and Prevalence of Chronic Disease among American Indian/Alaska Native Elders," *Preventing Chronic Disease*, US National Library of Medicine, March 22, 2018, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5871354/>.
114. "Chronic Disease Rates and Management Strain the US Healthcare System," *LifeSciencesIntelligence*, August 31, 2022, <https://lifesciencesintelligence.com/features/chronic-disease-rates-and-management-strain-the-us-healthcare-system#:~:text=Direct%20healthcare%20costs%20for%20individuals,their%20counters%20without%20chronic%20disease>.
115. Sean Hubbard and Patricia M. Chen, "Falling Short: Examining Medical Debt and Cost Avoidance in American Indian and Alaska Native Households," *Journal of Health Care for the Poor and Underserved* 33, no. 4 (November 2022): 1757–71, <https://doi.org/10.1353/hpu.2022.0136>.
116. Peter J. Cunningham, *Healthcare Utilization, Expenditures, and Insurance Coverage for American Indians and Alaska Natives Eligible for the Indian Health Service* (Washington, DC: National Academies Press, 1996), <https://www.ncbi.nlm.nih.gov/books/NBK233093/>.
117. Ibid.

118. Sean Hubbard and Patricia M. Chen, "Falling Short: Examining Medical Debt and Cost Avoidance in American Indian and Alaska Native Households," *Journal of Health Care for the Poor and Underserved* 33, no. 4 (November 2022): 1757–71, <https://doi.org/10.1353/hpu.2022.0136>.
119. "Chronic Disease Rates and Management Strain the US Healthcare System," *LifeSciencesIntelligence*, August 31, 2022, <https://lifesciencesintelligence.com/features/chronic-disease-rates-and-management-strain-the-us-healthcare-system#:~:text=Direct%20healthcare%20costs%20for%20individuals,their%20counte rparts%20without%20chronic%20disease>.
120. Joan M. O'Connell et al., "The Costs of Treating American Indian Adults with Diabetes within the Indian Health Service," *American Journal of Public Health* 102 (2012): 301–308, <https://ajph.aphapublications.org/doi/full/10.2105/AJPH.2011.300332>.
121. "Chronic Disease Rates and Management Strain the US Healthcare System," *LifeSciencesIntelligence*, August 31, 2022, <https://lifesciencesintelligence.com/features/chronic-disease-rates-and-management-strain-the-us-healthcare-system#:~:text=Direct%20healthcare%20costs%20for%20individuals,their%20counte rparts%20without%20chronic%20disease>.
122. Nathalia Jimenez et al., "A Review of the Experience, Epidemiology, and Management of Pain among American Indian, Alaska Native, and Aboriginal Canadian Peoples," *The Journal of Pain: Official Journal of the American Pain Society* 12, no. 5 (2011): 511–22, <https://doi.org/10.1016/j.jpain.2010.12.002>.
123. Ibid.
124. "Mental and Behavioral Health - American Indians/Alaska Natives," *Office of Minority Health*, accessed November 10, 2023, <https://minorityhealth.hhs.gov/mental-and-behavioral-health-american-indiansalaska-natives#:~:te xt=The%20overall%20death%20rate%20from>.
125. Ibid.
126. "Culture-Sensitive Health Care: American Indian," *Diversity Resources*, 2023, <https://www.diversityresources.com/health/indian.html>.
127. Ahmed Nahian and Natasha Jouk, *Cultural Competence in Caring for American Indians and Alaska Natives* (Florida: StatPearls Publishing, 2021), <https://www.ncbi.nlm.nih.gov/books/NBK570619/>.
128. "Culturally Competent Healthcare," *NICOA*, accessed November 29, 2023, <https://www.nicoa.org/elder-resources/culturally-competent-healthcare/>.
129. Ahmed Nahian and Natasha Jouk, *Cultural Competence in Caring for American Indians and Alaska Natives* (Florida: StatPearls Publishing, 2021), <https://www.ncbi.nlm.nih.gov/books/NBK570619/>.
130. Ibid.
131. "Culturally Competent Healthcare," *NICOA*, accessed November 29, 2023, <https://www.nicoa.org/elder-resources/culturally-competent-healthcare/>.
132. IHS Indian Health Disparities. Accessed November 29, 2023, [https://www.ihs.gov/sites/newsroom/themes/responsive2017/display\\_objects/documents/factsheets/Disparities.pdf](https://www.ihs.gov/sites/newsroom/themes/responsive2017/display_objects/documents/factsheets/Disparities.pdf).
133. "Culturally Competent Healthcare," *NICOA*, accessed November 29, 2023, <https://www.nicoa.org/elder-resources/culturally-competent-healthcare/>.
134. Ibid.
135. Ahmed Nahian and Natasha Jouk, *Cultural Competence in Caring for American Indians and Alaska Natives* (Florida: StatPearls Publishing, 2021), <https://www.ncbi.nlm.nih.gov/books/NBK570619/>.



136. Mary Catherine Beach et al., "Cultural Competence: A Systematic Review of Health Care Provider Educational Interventions." *Medical Care* 43, no. 4 (2005): 356–73, <http://www.jstor.org/stable/3768438>.
137. Linda Govere and Ephraim M. Govere, "How Effective Is Cultural Competence Training of Healthcare Providers on Improving Patient Satisfaction of Minority Groups? A Systematic Review of Literature," *Worldviews on Evidence-Based Nursing* 13 (2016): 402–10, <https://doi.org/10.1111/wvn.12176>.
138. Ahmed Nahian and Natasha Jouk, *Cultural Competence in Caring for American Indians and Alaska Natives* (Florida: StatPearls Publishing, 2021), <https://www.ncbi.nlm.nih.gov/books/NBK570619/>.
139. Andis Robeznieks, "Native Americans Work to Grow Their Own Physician Workforce," *American Medical Association*, August 22, 2019, <https://www.ama-assn.org/delivering-care/health-equity/native-americans-work-grow-their-own-physician-workforce#:~:text=Out%20of%20the%20estimated%205.2,Native%20American%20Medical%20Student%20Enrollment.%E2%80%9D>.
140. Lala L. Forrest et al., "Representation of American Indian and Alaska Native Individuals in Academic Medical Training," *JAMA Network Open* 5, no. 1 (January 2022), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8759009/>.
141. Christina Leonard, "Shortage of Native American Physicians Creates Concerns," *Cronkite News*, June 2, 2017, [cronkitenews.azpbs.org/2017/05/31/experts-shortage-of-american-indian-physicians-creates-concerns-elicits-calls-for-action/](http://cronkitenews.azpbs.org/2017/05/31/experts-shortage-of-american-indian-physicians-creates-concerns-elicits-calls-for-action/).
142. Ahmed Nahian and Natasha Jouk, *Cultural Competence in Caring for American Indians and Alaska Natives* (Florida: StatPearls Publishing, 2021), <https://www.ncbi.nlm.nih.gov/books/NBK570619/>.
143. *Crossing Great Divides: A Guide to Elder Mobility Resources and Solutions in Indian Country* (National Center on Senior Transportation, accessed November 30, 2023), [https://www.usaging.org/files/Crossing\\_Great\\_Divides\\_final.pdf](https://www.usaging.org/files/Crossing_Great_Divides_final.pdf).
144. Ibid.
145. Ibid.
146. Ibid.
147. Samina Syed, Ben Gerber, and Lisa Sharp, "Traveling Towards Disease: Transportation Barriers to Health Care Access," *Journal of Community Health* 38, no. 5 (March 31, 2013): 976–993, <https://doi.org/10.1007/s10900-013-9681-1>.
148. *Crossing Great Divides: A Guide to Elder Mobility Resources and Solutions in Indian Country* (National Center on Senior Transportation, accessed November 30, 2023), [https://www.usaging.org/files/Crossing\\_Great\\_Divides\\_final.pdf](https://www.usaging.org/files/Crossing_Great_Divides_final.pdf).
149. Myles J. Stone et al., "High-Risk Outreach for COVID-19 Mortality Reduction in an Indigenous Community." *American Journal of Public Health* 111, no. 11 (2021): 1939–41, <https://doi.org/10.2105/ajph.2021.306472>.
150. Ibid.
151. *Native Americans on the Move: Challenges and Successes* (Transportation Research Board of the National Academies, accessed November 30, 2023), [https://onlinepubs.trb.org/onlinepubs/tcrp/docs/TCRPH-38\\_Phase1brochure.pdf](https://onlinepubs.trb.org/onlinepubs/tcrp/docs/TCRPH-38_Phase1brochure.pdf).
152. *Health Care Services Are Not Always Available to Native Americans* (Washington, DC: Indian Health Service, August 2005), <https://www.gao.gov/assets/gao-05-789.pdf>.