Support for Native American Infants, Toddlers and their Families in California

INTRODUCTION

California is home to over 346,000 Native American children, one of the largest populations of Indigenous children in the U.S. These children live in all regions of the state and belong to many diverse cultures and communities. Numerous health and social disparities persist in Native American populations, which are evidence of generations of genocide, systemic racism, and trauma.

Nevertheless, Native American communities continue to thrive, and certain cultural strengths may protect Native American children from adversity. To effectively and equitably serve the youngest Native American children and their families in California, early childhood policies and programs must be responsive to their communities' unique needs, experiences, and strengths.

ABOUT THIS PROJECT

This brief is the result of a research project on issues facing the Native American community in California, and ways for community-based organizations to partner with Indigenous communities to best support them. The sources for this brief include a literature review and stakeholder interviews with First 5s and others with subject matter expertise. The brief highlights key learnings from this research, and provides a set of conclusions for First 5s and state and community leaders to consider as they work to be more inclusive and responsive to Native American families.

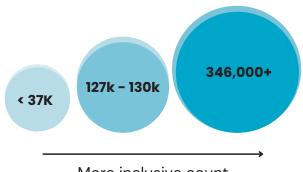
The First 5 Center acknowledges that the literature reviewed and cited here is saturated with studies about Native American population disparities and deficits, and few about strengths and resiliencies.¹ In addition, Western, deficit-oriented indicators conflict with holistic strengths-based concepts of health and wellness in traditional Indigenous cultures, including for children's development.² Describing the population through a deficit lens perpetuates notions of racial inferiority and may be experienced as acts of continued colonization and assimilation.³ In an effort to draw attention to disparities and present an accurate account of the literature, this brief describes the challenges faced by Native American communities.

More than 346,000 Native American children live in California.

California is home to one of the largest populations of Native American children under 18 in the United States though population estimates vary greatly — from less than 37,000 to over 346,000 children.⁴

Estimates on the low end of this range rely on population data for only single-race, non-Hispanic Native American children.⁵ When including single-race Native American children who are also Hispanic, population estimates rise to between 126,970 and 130,174 children.⁶ These estimates rise even further — to between 211,606 and 346,346 children — when including all children who identify as Native American in any racial or ethnic combination.⁷

When defined inclusively, the population of Native American kids in California increases from less than 37,000 to more than 346,000 children.



More inclusive count

In a 2019 report, the California Department of Public Health found a similar change; Native American births in California increased 700% — from 1,765 to more than 13,000 births — when calculated using the most inclusive data definition.⁸

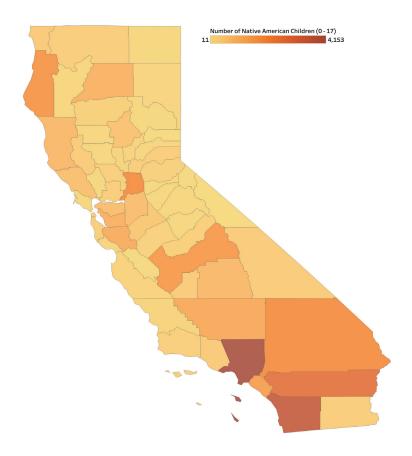
Subsets of data for single-race, non-Hispanic Native Americans exclude the vast majority of the total Native American population, yet these are the data sets most often available to researchers. Information about Native American populations is often further limited by racial misclassification, suppressed data, and the use of umbrella "other" categories for small population subgroups. Together, these practices can mask and misrepresent trends, as well as erase many Native Americans from the data story. Ultimately, it becomes easier to both overlook an already marginalized population and design ineffective, inequitable policies and programs.

Native American children belong to diverse cultures and communities, and live in all regions of California.

For thousands of years prior to European colonization, the land we now call California was home to dozens of Indigenous populations with unique cultures and hundreds of languages. While many tribes, cultures, and languages were destroyed and lost, many survived or have been recovered.¹¹

There are currently 110 federally recognized tribes that share geography with California, and several dozen more seeking recognition. Approximately 3% of Native Americans live on tribal lands — also known as reservations and Rancherias — while 90% live in cities and urban areas. Many of these Urban Indians are members of out-of-state tribes.¹²

Today, Native American children live throughout the state, with the greatest number in several high-population counties such as Los Angeles, San Diego, and Riverside. However, Native American children make up a very small percentage of all the children in these counties. In contrast, while there are fewer children overall in several small-population counties such as Alpine, Inyo, Del Norte, and Humboldt, Native American children make up much larger shares of the children there. However, and Humboldt, Native American children make up much larger shares of the children there.



Persistent health and social disparities in Native American populations are evidence of generations of genocide, systemic racism, and trauma.

An abundance of research demonstrates many persistent health and social disparities in Native American populations. These include poorer health, lower life expectancy, more violence, very high suicide rates, disproportionate levels of poverty, and more severe maternal mortality compared to other groups.¹⁵

Research also shows higher rates of Native American infant mortality,¹⁶ early childhood poverty,¹⁷ childhood obesity and tooth decay,¹⁸ exposure to Adverse Childhood Experiences (ACEs),¹⁹ and over-representation in child welfare systems.²⁰ In California, Native American infant mortality remains consistently higher than that of all children,²¹ and Native American children are placed in foster care at four times the rate of white children.²²

Health and social disparities are not symptoms of individual behavior or biology, but of generations of genocide, racism, and trauma — including family separation and forced assimilation.²³ Historical trauma in Native Americans has been linked to intergenerational substance abuse, depression, ineffective parenting, and emotional distress.²⁴

The causes of and solutions to health and social disparities are systemic.

Cultural strengths and cultural connection may protect Native American children from adversity.

Throughout California and the nation, Native American communities continue to thrive and certain cultural strengths may protect children from adversity.

Many Native American children are traditionally raised within extended family networks and in close intergenerational relationships through which traditions, practices, and values are passed down. Children are often parented not only by their biological parents, but by grandparents, aunts, uncles, and other biological and non-biological relatives.²⁵

We know that a strong, positive, and stable relationship with just one adult can protect children from toxic stress and trauma.²⁶ Meanwhile, Native American children are often surrounded by a whole network of adults committed to their physical, mental, and spiritual health.

Traditional culture may act as a protective factor for Native American children.

A small body of research points to culture as a protective factor that promotes the health and well-being of Native American children. Stronger cultural connections — such as learning about one's traditional culture, learning and using Native languages, and participating in spiritual practices — have been linked to positive outcomes and greater resilience in children.²⁷ For example, Native American youth with strong cultural connections were less likely to have suicidal thoughts, and moms with strong connections to their Native American identities reported fewer developmental concerns in their toddlers.²⁸

Strengths-based programs promote Native American families' assets and children's healthy development.

Given these outcomes, some early childhood leaders have sought to create and modify programs for Native American communities. Through interviews with First 5s, we identified playgroups and home visiting models that are designed to build on families' strengths, recognize their cultural assets, and reinforce cultural connections.

SKUY' SOO HUE-NO-WOH DEVELOPMENTAL PLAYGROUP IN HUMBOLDT COUNTY

First 5 Humboldt's developmental playgroup for Native families, Skuy' Soo Hue-no-woh ("In a Good Way we Grow"), offers opportunities for caregivers of young Native American children to access developmental information and connect with other adults while children play and socialize. A fluent Yurok language speaker attends most of the playgroup sessions and speaks only in Yurok, which creates an immersive language experience for children and their caregivers.

The Native families playgroup is supported through First 5 Humboldt's Playgroup Grant Program and offered in partnership with Two Feathers Native American Family Services, the Yurok Tribe Language program, and the McKinleyville Family Resource Center. First 5 Humboldt credited these respectful partnerships with local Native-led organizations with

the playgroup's success, specifically by building trust, lending credibility to First 5, and eliminating barriers for client families.

This is the first of First 5 Humboldt's two playgroups specifically designed for local Native families. The program was created to provide these families with consistent community space to connect with each other. First 5 Humboldt staff explained, "Native families don't always see themselves represented in community spaces [so the playgroup has been] framed as largely for and by Native families."

ROAD TO RESILIENCE PROGRAM IN HUMBOLDT AND DEL NORTE COUNTIES

Road to Resilience²⁹ in Humboldt and Del Norte Counties is a voluntary home visiting and case management program for new and expectant Native American mothers who are at risk of or currently experiencing substance abuse. Perinatal healthcare navigators provide various levels of personalized support to clients and their families. Family Spirit is one of two home visiting curricula utilized; while not implemented to fidelity, the curricula serve as guides to respond to clients needs:

"We... meet the client wherever they're at... start with basic needs... food resources, housing resources... We do home visits, assist with navigating referral systems... It's really difficult to find resources especially when you're in a crisis..." – Ashley Villagomes, First 5 Humboldt Road to Resilience Project Coordinator

Care navigators are members of local Indigenous populations, which helps to build trust with clients. Navigators receive cultural humility, trauma-informed, community health, and other basic and specialized training. They may provide families with physical resources and incentives, help schedule appointments, and sometimes attend court visits with clients. Client families may also receive locally-made cultural items, such as hand-woven baby rattles or a traditional baby basket, both of which help to reinforce cultural and community connections.

First 5 Humboldt partners with the United Indian Health Service (UIHS) to deliver Road to Resilience services to client families through the network of UIHS clinics in Humboldt and Del Norte counties. The Road to Resilience Program is funded by a Road to Resilience grant from the Office of Child Abuse Prevention (OCAP) which prioritized applicants affiliated with tribes, populations overrepresented in child welfare systems, and under-resourced geographic regions.³⁰

First 5 Humboldt was invited by local Indigenous leaders to apply for the OCAP grant, which is indicative of the trusting and authentic relationships that First 5 has established with local Indigenous communities in recent years. These developed through First 5 staff's

professional and personal connections, and with a commitment to listening, learning, and knowing when it is and is not appropriate to offer support. First 5 Humboldt recognizes that while it has valuable early childhood expertise and resources to offer, it is essential not to impose solutions to perceived problems, but to instead respond to stated needs at the request of local Indigenous communities and leaders.

STRONG STARTS FOR STRONG FAMILIES IN MODOC COUNTY

In 2022, First 5 Modoc awarded a grant to Strong Families Health Center, an inter-tribal health center and service provider based in Alturas, for a pilot home visiting program called Strong Starts for Strong Families. The program serves tribal members of Cedarville Rancheria and other local families. Program staff utilize the evidence-based Nurturing Parenting home visiting curriculum, but with modifications to ensure lessons are culturally sensitive and appropriate. The pilot program also includes developmental playgroups for all families, tribal or non-tribal.

First 5 Modoc views its partnership with Strong Families Health Center as an example to other county systems of how to make space for and more equitably serve tribal families who have for too long been isolated, under-resourced, and under-served. This partnership is part of First 5 Modoc's broader effort to connect with and support local tribal families through prevention-focused programming and extensive community outreach.

OTHER HOME VISITING PROGRAMS FOR NATIVE AMERICAN FAMILIES IN CALIFORNIA

In addition to First 5s' models, Native American families in California may also receive home visiting through a network of programs delivered by counties, community-based organizations, and tribal-led organizations. In 2021, tribal-led organizations delivered evidence-based home visiting programs in at least eight California counties.³¹

Two federally-funded home visiting programs specifically focus on Native American families:

• Tribal Home Visiting is funded by a six percent set-aside in the federal Maternal, Infant, and Early Childhood Home Visiting (MIECHV) Program budget. Funds are awarded to tribal organizations to operate any of the 23 federally-approved home visiting models. The Administration for Children and Families (ACF) funds two separate grant programs through Tribal MIECHV, the Development and Implementation Grant and the Implementation and Expansion Grant. In previous years, Tribal Home Visiting grants were awarded to three tribal entities in California to expand their existing home visiting services. Funding for these three organizations ended in federal fiscal year 2023. Currently, Acorns to Oak Trees is the only California tribal organization receiving Tribal Home Visiting grant funds. Acorns to Oak Trees is part of the second cohort of Development and Implementation grantees, which funds tribal entities that do not have prior experience implementing evidence-based home visiting models, performance measurement systems, and evaluation activities. Acorns to Oak Trees is based in Pala, CA, and utilizes The Spirit Incredible Years program to provide parental and home visiting support. Incredible Years program to provide parental and home visiting support.

 American Indian and Alaska Native Early Head Start (AI/AN EHS) programs are funded by the Office of Head Start and operated locally by tribal entities. Programs may be offered in centers, family child cares, or clients' homes; the home-based option (EHS-HBO) is an evidence-based home visiting model. There are currently eight AI/AN EHS programs operated by four tribal entities in California.³⁵ In 2021, these included 42 home-based slots offered by two providers.³⁶

Although not designed specifically for Native American families, Native American families may also receive home visiting services through:

- The California Home Visiting Program (CHVP) targets families who are at risk of Adverse Childhood Experiences (ACEs). It is funded with MIECHV and State General Fund dollars, and is administered by the California Department of Public Health. CHVP currently operates in 21 counties and supports three evidence-based models. In FY 2021-2022, one percent of CHVP participants were Native American.³⁷
- The CalWORKs Home Visiting Program (CalWORKs HVP) is an optional benefit for CalWORKs (TANF) beneficiaries who are pregnant or caregivers of a child under 24 months. State-funded, county-implemented programs utilize four evidence-based home visiting models, including EHS-HBO, plus approved local models. As of 2022, 42 counties were participating in CalWORKs HVP.³⁸ CalWORKs does not publish annual data disaggregated by race and ethnicity for all families enrolled in its home visiting program.
- Approximately 14,000 Early Head Start-Home Based Option (EHS-HBO) slots are funded throughout California.³⁹ These locally-operated programs are distinct from American Indian / Alaska Native (AI/AN) EHS programs, but follow the same evidence-based curriculum. The Office of Head Start publishes cumulative race and ethnicity data for all Early Head Start program participants, but does not disaggregate the data by program option.

A NOTE ON EVIDENCE-BASED HOME VISITING:

Evidence-based home visiting models are often considered the gold standard, but they can be costly and difficult to implement to fidelity. Further, only one of the 23 programs that meet federal standards of effectiveness has been rigorously evaluated in tribal populations. This program, Family Spirit, treats culture as a protective factor and the curriculum can be adapted to local communities' practices and traditions.⁴⁰ There are currently seven programs offering Family Spirit in California.⁴¹ Forty-two counties are currently participating in CalWORKs HVP.

Research suggests that using evidence-based curricula for Native American populations may not be effective nor appropriate without cultural adaptations.⁴² Evidence-informed or locally-evaluated home visiting models, however, can be tailored to local communities' unique needs and practices.

Conclusions and considerations

More than 346,000 racially and culturally diverse Native American children live throughout California. These children and their families belong to diverse communities with unique cultural strengths that can be promoted through family-centered, culturally-responsive early childhood systems and services.

To more equitably and effectively support Native American families, early childhood service providers, funders, and policymakers should:

- Understand that data and research about Native American populations are limited. Decisions-makers should know who is included and excluded in any sources used to inform their policies and programs. It is not true that these children are a vanishingly small proportion of all children; their needs are important regardless of how you count them.
- Consider how the narrative about young children's health and wellbeing and how priorities for early childhood systems and services might change if Native Americans were accurately represented in data and research. There are substantially more Native American children in California than frequently reported, and indicators of child health and well-being may only represent a small subset of these children.



Locally-weaved baby rattles that are given to Road to Resilience clients. Photo credit: Ashley Villagomes.

- Develop respectful, authentic partnerships with Native American families, communities, and Native-led organizations. Developing these relationships will require intentional, local work, and a sincere commitment to listening, learning, and trust-building.
- Learn directly from Native American communities about their needs and priorities for young children. This can be achieved through family engagement initiatives; community-based research projects; and through inclusion on committees, in coalitions, and in organizational staff and leadership.

NOTES

- 1. Barnes-Najor, J. V., Thompson, N. L., & Wilson, S. (2019). Understanding the implications of systems of privilege within the field of early childhood education for American Indian and Alaska Native children. Handbook of Children and Prejudice, Springer International Publishing, pp. 99–114. https://doi.org/10.1007/978-3-030-12228-7_5; Faircloth, S. C. (2015). The early childhood education of American Indian and Alaska Native children: State of the research. Journal of American Indian education, 54(1), pp. 99–126. https://www.jstor.org/stable/10.5749/jamerindieduc.54.10099; Foxworth, R., & Ellenwood, C. (2021). Indigenous peoples and third sector research: Indigenous Data Sovereignty as a framework to improve research practices. Voluntas. https://doi.org/10.1007/s11266-022-00458-7
- 2. Niles, M., Byers, L., & Krueger, E. (2007). Best Practice and evidence-based research in indigenous early childhood intervention programs. Canadian Journal of Native Education, 30(1), 108. https://go.exlibris.link/P4gvLtjH; Rountree, J., & Smith, A. (2016). Strengths-based well-being indicators for Indigenous children and families: A literature review of indigenous communities' identified well-being indicators. American Indian and Alaska Native Mental Health Research, 23(3), pp. 206-220. https://doi.org/10.5820/aian.2303.2016.206; Barnes-Najor, J. V., Thompson, N. L., & Wilson, S. (2019). Understanding the implications of systems of privilege within the field of early childhood education for American Indian and Alaska Native children. Handbook of Children and Prejudice, Springer International Publishing, pp. 99-114. https://doi.org/10.1007/978-3-030-12228-7_5
- 3. Niles et al., 2007; Foxworth & Ellenwood, 2022
- 4. See Appendix A for population estimates by racial/ethnic category and source.
- 5. The Children's Partnership. (2022). A child is a child: A snapshot of California's children's health November 2022: Al/AN children's health fact sheet 2022 citations. https://childrenspartnership.org/wp-content/uploads/2022/11/ChildlsaChild_AlAN_ChildrenHealth-22-Final.pdf; Kids Count. (2022). Child population by race and ethnicity in California: 2022. The Annie E. Casey Foundation. https://datacenter.aecf.org/data/tables/103-child-population-by-race-and-ethnicity?loc=6&l oct=2#detailed/2/6/false/1095,2048,574,1729,37,871,870,573,869,36/68,69,671,270,66,71,72/423,424; Kidsdata. (2021). Child population by race/ethnicity in California: 2021. https://www.kidsdata.org/topic/33/child-population-race/table#fmt=140&l oc=2,127,347,1763,331,348,336,171,321,345,357,332,324,369,358,362,360,337,327,364,356,217,353,328,354,323,352,320,339,334,365,343,-330,367,344,355,366,368,265,349,361,4,273,59,370,326,333,322,341,338,350,342,329,325,359,351,363,340,335&tf=141&ch=11&sortType=asc
- U.S. Census Bureau. (2023). 2021 American Community Survey 1-Year Estimates Selected Population Profiles, Table S0201. https://data.census.gov/table?q=s0201&t=006:009:01A&g=040XX00US06&tid=ACSSPPIY2021.S0201; The Children's Partnership, 2022.
- 7. Ibio
- 8. California Department of Public Health [CDPH]. (2019a). California American Indian / Alaska Native maternal and infant health status report. https://www.cdph.ca.gov
- 9. Becker, T.L., Babey, S.H., Shimkhada, R., Scheitler, A.J. & Ponce, N.Z. (2020). Limited access to health data on American Indian and Alaska Natives impedes population health insights. UCLA Center for Health Policy Research. https://www.jstor.org/stable/resrep43282
- 10. For more information, see: Urban Indian Health Institute [UIHI]. (2019). Who counts? Racial misclassification and American Indians/Alaska Natives [Online webinar]. https://www.uihi.org/resources/who-counts-racial-misclassification-and-american-indians-alaska-natives/; California Consortium for Urban Indian Health [CCUIH]. (2020). A profile of data availability on American Indians and Alaska Natives in California. https://ccuih.org/wp-content/uploads/2021/03/AIANDC_Report_Draft_3_23_Edited.pdf; Becker et al., 2020; and CDPH, 2019a.
- 11. Ka'm-t'em: The impact of ACEs and Toxic Stress in Indigenous Communities, Module 4: Indigenous tribes of California, ACEs Aware Supplemental Training. https://www.kamtem-indigenousknowledge.com; Akins, D.B., & Bauer, W.J. (2021). We are the land: A history of Native California. University of California Press.
- 12. California Courts. (n.d.). California tribal communities: California's Indian tribes. https://www.courts.ca.gov/3066.htm; CCUIH. (n.d.). About Us. https://ccuih.org/about-us/
- 13. U.S. Census Bureau, 2023.
- 14. KidsData, 2021. Note: These population numbers only include single-race, non-Hispanic Native American children under age 18; see
- 15. Jones, D.S. (2006). The persistence of American Indian health disparities. American Journal of Public Health, 96(12), pp. 2122–2134. https://doi.org/10.2105/AJPH.2004.054262; Indian Health Service. (2019). Indian health disparities. https://www.ihs.gov/newsroom/factsheets/disparities/; Joseph, A., Pratt, B., Joseph, V. (2019). Ending the health crisis in Indian Country: A path to fulfill the trust and treaty obligations. The National Tribal Budget Formulation Workgroup. Retrieved from https://www.nihb.org/docs/04242019/307871_NIHB%20 IHS%20Budget%20Book_WEB.PDF; Barofsky, M.Y., Chien, N., Malone, L., Bernstein, S., & Mumma, K. (2018). A portrait of American Indian and Alaska Native children and families. Brief prepared for the Office of Planning, Research, and Evaluation, Administration for Children and Families. https://www.google.com/search?client=safari&rls=en&q=A+portrait+of+American+Indian+and+Alaska+Native+children+and+fam ilies&ie=UTF-8; Kozhimannil, K. B., Interrante, J. D., Tofte, A. N., & Admon, L. K. (2020). Severe maternal morbidity and mortality among Indigenous women in the United States. Obstetrics and Gynecology, 135(2), pp. 294-300. https://doi.org/10.1097/AOG.000000000000000047
- 16. Barnes-Najor, J. V., Thompson, N. L., & Wilson, S. (2019). Understanding the implications of systems of privilege within the field of early childhood education for American Indian and Alaska Native children. Handbook of Children and Prejudice, Springer International Publishing, pp. 99–114. https://doi.org/10.1007/978-3-030-12228-7_5
- 17. Him, D.A., & Gordon, H.S.J. (2022). Latest census estimates show disproportionate poverty among American Indian and Alaska Native (AI/AN) children and the overall AI/AN population. Child Trends. https://www.google.com/search?client=safari&rls=en&q=Latest+census+estimates+show+disproportionate+poverty+among+American+Indian+and+Alaska+Native+(AI% 2FAN)+children+and+the+overall+AI%2FAN+population&ie=UTF-8&oe=UTF-8; Riser, Q. H., Rouse, H. L., Dorius, C. J., & Choi, J. Y. (2019). Native American children and school readiness: A nationally representative study of individual and cumulative risks. Children and Youth Services Review, 106, 104496. https://doi.org/10.1016/j.childyouth.2019.104496

- 18. Bullock, A., Sheff, K., Moore, K., & Manson, S. (2017). Obesity and overweight in American Indian and Alaska Native children. American Journal of Public Health, 107(9), pp. 1502–1507. https://doi.org/10.2105/AJPH.2017.303904; Phipps, K.R., Ricks, T.L., Manz, M.C., Blahut, P. (2012). Prevalence and severity of dental caries among American Indian and Alaska Native preschool children. Journal of Public Health Dentistry, 72(2012), pp. 208–215. https://www.doi.org/10.1111/j.1752-7325.2012.00331.x
- 19. Cole, A. B., Armstrong, C. M., Giano, Z. D., & Hubach, R. D. (2022). An update on ACEs domain frequencies across race/ethnicity and sex in a nationally representative sample. Child Abuse & Neglect, 129, 105686-105686. https://doi.org/10.1016/j.chiabu.2022.105686; Giano, Z., Camplain, R. L., Camplain, C., Pro, G., Haberstroh, S., Baldwin, J. A., Wheeler, D. L., & Hubach, R. D. (2021). Adverse childhood events in American Indian/Alaska Native populations. American Journal of Preventive Medicine, 60(2), pp. 213-221. https://doi.org/10.1016/j.amepre.2020.08.020
- 20. Bell, S., Deen, J. F., Fuentes, M., Moore, K., & Committee on Native American Child, H. (2021). Caring for American Indian and Alaska Native children and adolescents. *Pediatrics*, 147(4), pp. 1-12. https://doi.org/10.1542/peds.2021-050498
- CDPH, 2019a.
- 22. Legislative Analyst's Office. (2022). Initial analysis and key questions: Racial disproportionalities and disparities in California's child welfare system. https://lao.ca.gov/handouts/socservices/2022/CWS-Analysis-Questions-030922.pdf
- 23. Brave Heart, M. Y. H., & DeBruyn, L. M. (1998). The American Indian Holocaust: Healing historical unresolved grief. American Indian and Alaska Native Mental Health Research, 8(2), pp. 60–78. https://doi.org/10.5820/aian.0802.1998.60; Evans-Campbell, T. (2008). Historical trauma in American Indian/Native Alaska communities: A multilevel framework for exploring impacts on individuals, families, and communities. Journal of Interpersonal Violence, 23(3), pp. 316–338. https://doi.org/10.1177/0886260507312290; Jones, 2006; Walters, K.L., Mohammed, S.A., Evans-Campbell, T., Beltran, R.E., Chae, D.H., & Duran, B. (2011). Bodies don't just tell stories, they tell histories: Embodiment of historical trauma among American Indians and Alaska Natives. Du Bois Review, 8(1), pp. 179–189. https://doi.org/10.1017/S1742058X1100018X
- 24. Walls, M. L., & Whitbeck, L. B. (2012). The intergenerational effects of relocation policies on indigenous families. *Journal of Family Issues*, 33(9), pp. 1272–1293. https://doi.org/10.1177/0192513X12447178; Whitbeck, L. B., Adams, G. W., Hoyt, D. R., & Chen, X. (2004). Conceptualizing and measuring historical trauma among American Indian people. *American Journal of Community Psychology*, 33(3-4), pp. 119–130. https://doi.org/10.1023/B:AJCP.0000027000.77357.31; Gillson, S.L., Hautala, D., Sittner, K.J., and Walls, M. (2022). Historical trauma and oppression: Associations with internalizing outcomes among American Indian adults with type 2 diabetes. Transcultural Psychiatry, O(0), pp. 1-13. https://www.doi.org/10.1177/13634615221079146
- 25. Sarche, M., & Spicer, P. (2008). Poverty and health disparities for American Indian and Alaska Native Children: Current knowledge and future prospects. *Annals of the New York Academy of Sciences*, 1136(1), pp. 126–136. https://doi.org/10.1196/annals.1425.017
- Tolliver-Lynn, M. N., Marris, Alvina M., Sullivan, Maureen A., & Armans, M. (2021). The role of the parent-child relationship in fostering resilience in American Indian/Alaskan Native children. *Journal of Community Psychology*, 49(2), pp. 419-431. https://doi.org/10.1002/jcop.22468
- 27. Barnes-Najor, et al., 2019; LaFromboise, T.D., Hoyt, D.R., Oliver, L., & Whitbeck, L.B. (2006). Family, community, and school influences on resilience among American Indian adolescents in the upper Midwest. *Journal of Community Psychology*, 34(2), pp. 193–209. https://www.doi.org/10.1002/jcop.20090
- 28. Yoder, K. A., Whitbeck, L. B., Hoyt, D. R., & LaFromboise, T. (2006). Suicidal ideation among American Indian youths. *Archives of Suicide Research*, 10(2), pp. 177–190. https://doi.org/10.1080/13811110600558240; Sarche, M.C., Croy, C.D., Big Crow, C., Mitchell, C.M., & Spicer, P. (2009). Maternal correlates of 2-year-old American Indian children's social-emotional development in a northern plains tribe. *Infant Mental Health Journal*, 30(4), pp. 321–340. https://www.doi.org/10.1002/imhj.20217
- 29. Note: First 5 Humboldt's Road to Resilience program is distinct from and not associated with the California Surgeon General's 2020 report Roadmap for Resilience.
- 30. Office of Child Abuse Prevention [OCAP]. (2020). Fact sheet: Road to Resilience. https://www.cdss.ca.gov
- 31. National Home Visiting Resource Center [NHVRC]. (2023). Data in Action: Mapping evidence-based home visiting programs provided by Tribal-led organizations. https://nhvrc.org/brief/mapping-home-visiting-tribal-led-organizations/
- 32. Office of Early Childhood Development [OECD]. (n.d.). About Tribal Home Visiting. Retrieved July 5, 2023 from https://www.acf.hhs.gov/ecd/tribal; Home Visiting Evidence of Effectiveness [HomVEE]. (n.d.). Models eligible for Maternal, Infant, and Early Childhood Home Visiting (MIECHV) funding. Retrieved July 6, 2023 from https://homvee.acf.hhs.gov/HRSA-Models-Eligible-MIECHV-Grantees
- 33. OECD. (n.d.). Tribal Home Visiting Grantees. Retrieved July 5, 2023 from https://www.acf.hhs.gov/ecd/tribal
- 34. Data on the number of Native American families and children served by Acorns to Oak Trees is unavailable.
- 35. Head Start Early Childhood Learning and Knowledge Center [ECLKC] (n.d.). Head Start Center locator. Retrieved July 5, 2023 from https://eclkc.ohs.acf.hhs.gov/
- 36. In FY 2020-2021, the Office of Head Start (OHS) funded 12 home-based Early Head Start slots for the Hoopa Valley Tribal Head Start, and 30 for the Yurok Tribe Head Start. OHS (2021a). Early Head Start Services Snapshot: Hoopa Valley Tribal Council (2020-2021). https://eclkc.ohs.acf.hhs.gov/grantee-profiles/hoopa_valley_tribal_council_ca; OHS (2021b). Early Head Start Services Snapshot: Yurok Tribe (2020-2021). https://eclkc.ohs.acf.hhs.gov/grantee-profiles/yurok_tribe_ca.
- 37. CDPH. (n.d.) California Home Visiting Program: CHVP (MIECHV) by the numbers: Retrieved July 5, 2023 from https://www.cdph.ca.gov/Programs/CFH/DMCAH/CHVP/Pages/default.aspx#data-and-reports. Note: This data includes only single-race, non-Hispanic Native American participants in the California Home Visiting Program.
- 38. CDSS. (2020, Aug). Fact Sheet: California Work Opportunity and Responsibility to Kids (CalWORKs) Home Visiting Program. https://www.cdss.ca.gov/Portals/9/CWChildCare/HVP-Fact-Sheet-082020.pdf
- 39. First 5 Center for Children's Policy. (2022). The Role of First 5s in Home Visiting: Innovations, Challenges, and Opportunities in California. https://first5center.org/assets/files/Home-Visiting-Report-v4.pdf

- 40. Bleiweiss-Sande, R., Sama-Miller, E., Chavez, C., Coughlin, R., & Mraz Esposito, A. (2022). Assessing effectiveness of early childhood home visiting models implemented with tribal populations: October 2022, Home Visiting Evidence of Effectiveness (HomVEE) Review. Office of Planning, Research and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services. https://homvee.acf.hhs.gov/publications/tribal-home-visiting; NHRVC, 2023; HomVEE. (2022). Implementing Family Spirit. https://homvee.acf.hhs.gov/implementation/Family%20Spirit*/Model%20Overview
- 41. Private communication with Family Spirit Program, Johns Hopkins Center for Indigenous Health. July 28, 2023.
- 42. Barnes Najor et al., 2019; Faircloth, S. C. (2015). The early childhood education of American Indian and Alaska Native children: State of the research. Journal of American Indian education, 54(1), pp. 99-126. https://www.jstor.org/stable/10.5749/jamerindieduc.54.1.0099; Niles, M., Byers, L., & Krueger, E. (2007). Best Practice and evidence-based research in indigenous early childhood intervention programs. Canadian Journal of Native Education, 30(1), 108. https://go.exlibris.link/P4gvLtjH; Sarche, M., & Spicer, P. (2008). Poverty and health disparities for American Indian and Alaska Native Children: Current knowledge and future prospects. Annals of the New York Academy of Sciences, 1136(1), pp. 126-136. https://doi.org/10.1196/annals.1425.017

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Appendices

Appendix A. Estimated population of Native American children ages O-17 in California, by racial/ethnic category.

RACIAL/ETHNIC CATEGORY	N	SOURCE
Single race, non-Hispanic	23,714	The Children's Partnership, 2022
	30,371	Kids Count, 2022
	36,400	KidsData, 2021
Single race, Hispanic or non- Hispanic	126,970	U.S. Census Bureau, 2023
	130,174	The Children's Partnership, 2022
Single or multiracial, Hispanic or non-Hispanic	211,606	The Children's Partnership, 2022
	346,346	U.S. Census Bureau, 2023

Appendix B. Estimated population of single-race, non-Hispanic Native American Children Ages O-17 in California, by county: 2021

LOCATION	N	% OF ALL CHILDREN
California	36,400	0.4
Alameda County	1,057	0.3
Alpine County	49	30.1
Amador County	85	1.5
Butte County	622	1.4
Calaveras County	74	1.1
Colusa County	99	1.7
Contra Costa County	700	0.3
Del Norte County	437	8.0
El Dorado County	257	0.7
Fresno County	1,636	0.6
Glenn County	105	1.4
Humboldt County	1,738	6.3
Imperial County	357	0.7
Inyo County	388	10.5
Kern County	1,237	0.5
Kings County	393	0.8
Lake County	404	3.0
Lassen County	144	2.7
Los Angeles County	4,153	0.2
Madera County	316	0.8
Marin County	109	0.2
Mariposa County	65	2.4
Mendocino County	846	4.6
Merced County	238	0.3
Modoc County	68	3.9
Mono County	28	1.0
Monterey County	228	0.2
Napa County	64	0.2
Nevada County	141	0.9
Orange County	1,491	0.2
Placer County	347	0.5

LOCATION	N	% OF ALL CHILDREN
Plumas County	91	2.9
Riverside County	2,651	0.5
Sacramento County	1,893	0.5
San Benito County	38	0.3
San Bernardino County	1,892	0.3
San Diego County	3,528	0.4
San Francisco County	328	0.2
San Joaquin County	717	0.4
San Luis Obispo County	197	0.4
San Mateo County	296	0.2
Santa Barbara County	279	0.3
Santa Clara County	1,147	0.3
Santa Cruz County	163	0.3
Shasta County	988	2.6
Sierra County	11	2.5
Siskiyou County	359	4.3
Solano County	330	0.3
Sonoma County	688	0.8
Stanislaus County	477	0.3
Sutter County	194	0.8
Tehama County	272	1.9
Trinity County	102	4.5
Tulare County	857	0.6
Tuolumne County	106	1.3
Ventura County	432	0.2
Yolo County	275	0.5
Yuba County	213	1.0

Data Note: These population estimates for single-race, non-Hispanic Native American children do not include children who identify as multiracial and/or Hispanic.

Data Source: California Department of Finance, Population Estimates and Projections; U.S. Census Bureau, Population and Housing Unit Estimates (Aug. 2021), as cited on Kidsdata.org, *Child population by race/ethnicity in California*: 2021. https://www.kidsdata.org/topic/33/child-population-race/table#fmt=140 &loc=2,127,347,1763,331,348,336,171,321,345,357,332,324,369,358,362,360, 337,327,364,356,217,353,328,354,323,352,320,339,334,365,343,330,367,344,355,366,368,265,349,361,4,273,59,370,326,333,322,341,338,350,342,329,325,359,351,363,340,335&tf=141&ch=11&sortType=ascsdata.org