

CMS/IHS DATA MATCH REPORT

OCTOBER 2025



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OVERVIEW

In 2023, the Indian Health Service (IHS) and Centers for Medicare and Medicaid Services (CMS) signed a data use agreement (DUA) to perform a data match between IHS and CMS data. That initial DUA was extended to include 2019 through 2023 data. The goal of the data match is to identify the number of American Indians and Alaska Natives (AI/AN) from IHS registrants who are enrolled in Medicaid. This report provides the results from the data match for 2019, 2020, 2021, 2022, and 2023 data for each state and overall. The results are provided in the report below.[1]

METHODS

The IHS/CMS match included IHS registrants and T-MSIS (Transformed Medicaid Statistical Information System) data[2] for 2019- 2023. The IHS registration data was matched with T-MSIS Medicaid beneficiary data to determine how many American Indian/ Alaska Native IHS registrants were enrolled in Medicaid for 2019, 2020, 2021, 2022, and 2023. The match was performed using the last four digits of a patient's social security number, birthdate, sex, state, up to the first five characters of the patient's first name, middle initial, and up to the last eight characters of the patient's last name. The IHS/CMS data match was performed by Health Apt[3]. Once the match was complete, the data was downloaded to the Virtual Data Resource Center (VRDC) where Dr. Rochelle Ruffer from National Indian Health Board (NIHB) accessed the data to analyze it.

LIMITATIONS

These results are a first step toward obtaining data on American Indian/Alaska Native Medicaid enrollment. The data provided from the match includes the count of American Indians/Alaska Natives who were enrolled in Medicaid and part of the IHS registrant. Note that CMS uses calendar year for their data and IHS uses Fiscal Year. Thus, there are some discrepancies with the reported data. In addition, the data provided in the VRDC did not include claims data. Thus, this report does not have any analysis of health outcomes of American Indians/Alaska Natives.

[1] Per Grant Year Three Work Plan between CMS and NIHB, this report completes activities 2.1.3: Conduct analysis of the IHS/CMS match data. and 2.1.4: Write an annual report with data visualizations to summarize the results.

[2] <https://www.medicare.gov/medicaid/data-systems/macbis/transformed-medicare-statistical-information-system-t-msis/index.html>

[3] For more information, see: <http://www.healthapt.com/about-us.html>

ACKNOWLEDGEMENTS

This IHS/CMS data match represents a milestone in Tribal public health. For the first time, thanks to the data match efforts across federal agencies, NIHB has access to data on Medicaid enrollment for American Indian/Alaska Natives. Thank you to everyone from IHS and CMS, including colleagues at ResDAC who helped to make this data match a reality. We look forward to future collaborations.

A summary of these results was briefly presented to the Tribal Technical Advisory Group (TTAG) data subcommittee on July 21, 2025, as part of the in-person TTAG meeting. In addition, a more extensive presentation was provided to the TTAG data subcommittee meeting on August 26, 2025. The feedback is much appreciated. NIHB colleague, Jeannie Le, provided both invaluable technical support as well as conversation about the presentation and interpretation of the data. NIHB will present the report to TTAG during their in-person meeting on November 12, 2025.

This publication was supported by the Centers for Medicare and Medicaid Services (CMS) of the U.S. Department of Health and Human Services (HHS) as part of a financial assistance award with 100 percent of the funding by CMS/HHS. The contents are those of the author and do not necessarily represent the official views of, nor an endorsement, by CMS/HHS, or the U.S. Government.

RESULTS: AI/AN 2019-2023 MEDICAID ENROLLMENT FOR IHS REGISTRANTS

The table below shows the estimated number of AI/ANs IHS registrants enrolled in Medicaid in 2019 through 2023.

Year	AI/AN Medicaid Enrollment of IHS Registrants
2019	845,619
2020	819,185
2021	887,764
2022	921,066
2023	941,168

There is an increase in AI/AN IHS registrant Medicaid enrollment over the five years by 11.3 percent. However, note that from 2019 to 2020, the Medicaid enrollment of AI/AN IHS registrants decreases. The growth from 2020 to 2023 is 14.9 percent. The Appendix includes the annual AI/AN IHS registrant Medicaid enrollment for each state.

APPENDIX: STATE TABLES

State	2019	2020	2021	2022	2023
Alabama	2,090	2,071	2,090	2,067	2,045
Alaska	66,389	66,047	66,654	66,924	66,825
Arizona	151,408	143,990	153,170	157,154	159,375
Arkansas	4,739	4,440	4,721	4,792	4,842
California	71,607	69,748	69,748	70,499	71,304
Colorado	8,624	8,401	8,801	9,208	9,357
Connecticut	1,921	2,031	2,040	2,077	2,065
Delaware	445	445	437	420	419
District of Columbia	409	313	392	389	391
Florida	7,360	7,628	7,640	7,646	7,802
Georgia	3,492	3,503	3,496	3,433	3,394
Hawaii	834	899	959	962	917
Idaho	4,163	5,221	5,702	5,888	6,065
Illinois	5,626	5,796	5,828	5,824	5,741
Indiana	2,766	2,936	2,978	3,083	3,157
Iowa	3,904	3,943	4,054	4,124	4,089
Kansas	3,205	3,093	3,149	3,277	3,342
Kentucky	2,818	3,052	2,967	2,725	2,604

State	2019	2020	2021	2022	2023
Louisiana	3,620	3,624	3,637	3,632	3,645
Maine	2,701	2,923	3,044	3,152	3,151
Maryland	2,429	2,524	2,476	2,471	2,439
Massachusetts	3,744	3,669	3,707	3,699	3,797
Michigan	13,807	13,833	14,048	14,467	14,842
Minnesota	24,452	23,945	24,953	25,800	26,452
Mississippi	3,964	3,391	4,024	4,035	4,047
Missouri	2,488	2,506	2,888	3,260	3,563
Montana	34,826	32,611	33,420	33,727	33,657
Nebraska	4,521	5,207	6,001	6,484	6,574
Nevada	8,579	7,985	8,701	8,849	8,912
New Hampshire	467	453	462	467	450
New Jersey	2,983	3,009	2,975	2,994	2,968
New Mexico	103,512	100,885	105,266	105,487	104,700
New York	16,437	17,362	17,958	18,267	18,533
North Carolina	7,874	8,144	8,385	8,575	8,812
North Dakota	13,595	7,169	14,253	14,770	15,051
Ohio	5,218	5,301	5,245	5,206	5,155
Oklahoma	103,217	99,055	132,126	150,214	160,339
Oregon	17,384	17,777	18,509	19,099	19,392
Pennsylvania	5,454	5,611	5,518	5,436	5,503
Rhode Island	727	550	946	923	934

State	2019	2020	2021	2022	2023
South Carolina	2,564	2,618	2,554	2,606	2,644
South Dakota	29,367	28,114	29,164	29,894	33,289
Tennessee	2,779	2,766	841	2,686	2,684
Texas	10,863	11,725	11,944	12,030	12,140
Utah	6,307	6,891	7,689	8,117	8,311
Vermont	312	291	320	310	320
Virginia	2,753	2,950	3,045	3,146	3,203
Washington	41,490	40,526	41,573	42,463	42,988
West Virginia	1,023	1,042	1,032	1,021	1,014
Wisconsin	20,259	17,325	22,023	22,848	23,332
Wyoming	4,103	3,846	4,211	4,439	4,593