

American Indian and Alaska Native Enrollment in Clinical Studies in the National Institutes of Health’s Intramural Research Program

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Table 1.
Breakdown of the Studies That Enrolled at Least One American Indian or Alaska Native¹

<i>Studies</i>	<i># of studies, 2014</i>	<i>Percent of total studies with AI/AN enrollment</i>	<i># of AI/AN enrollees, 2014</i>	<i>Percent of total AI/AN enrollees</i>	<i># of studies, 2017</i>	<i>Percent of total studies with AI/AN enrollment</i>	<i># of AI/AN enrollees, 2017</i>	<i>Percent of total AI/AN enrollees</i>
With at least one AI/AN enrollee	360	100	27,776	100	378	100	32,409	100
With exactly one AI/AN enrollee	150	42	150	0.54	154	41	154	0.5
Specific to AIs/ANs or a tribal nation	3	1	12,257	44	4	1	12,603	39
Not specific to AIs/ANs or a tribal nation but enrolled at least one AI/AN	357	99	15,519	56	374	99	19,806	61

¹ In total, 360 studies enrolled 27,776 American Indians/Alaska Natives in 2014, and 378 studies enrolled 32,409 American Indians/Alaska Natives in 2017.

Table 2.
Breakdown of the Types of Clinical Studies That Enrolled at Least One
American Indian or Alaska Native in 2017

A

<i>Study and research type</i>	<i>Number of studies with AI/AN enrollment</i>	<i>Total number of studies</i>	<i>Percent of studies with AI/AN enrollment</i>
Observational natural history	202	607	33
Interventional natural history	5	14	35
Observational natural history: sample/data collection or analysis	104	392	27
Interventional natural history: sample/data collection or analysis	1	5	20
Interventional clinical trial	61	676	9
Observational clinical trial	1	1	100
Observational survey	3	3	100
Interventional pharmacokinetics or pharmacodynamics	1	17	6

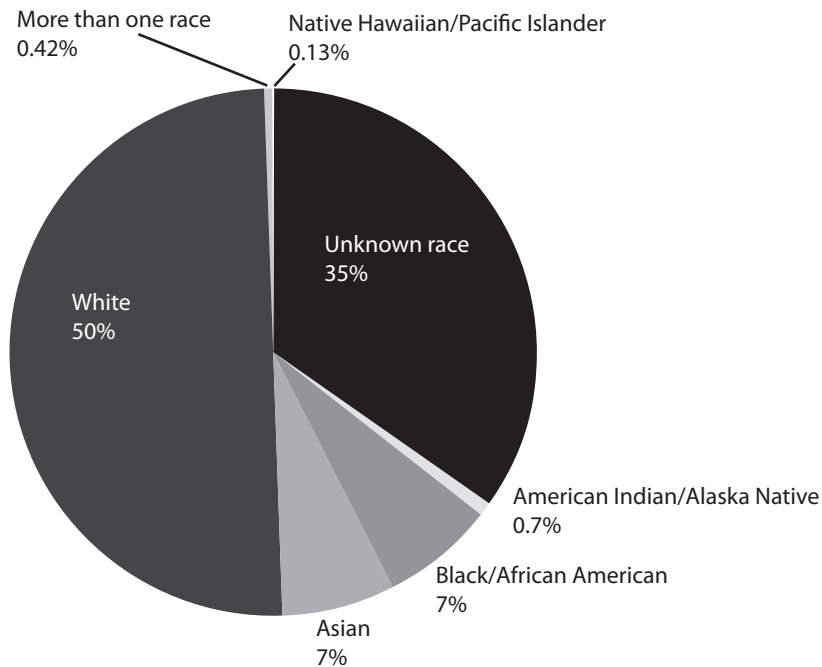
B

<i>Phase</i>	<i>Number of trials with AI/AN enrollment</i>	<i>Total number of trials</i>	<i>Percent of trials with AI/AN enrollment</i>
0	2	25	8
I	13	179	7
II	24	103	7
I-II	7	316	8
III	12	41	29
IV	4	13	31

Figure 1.
Included and Excluded Clinical Studies for 2014 and 2017

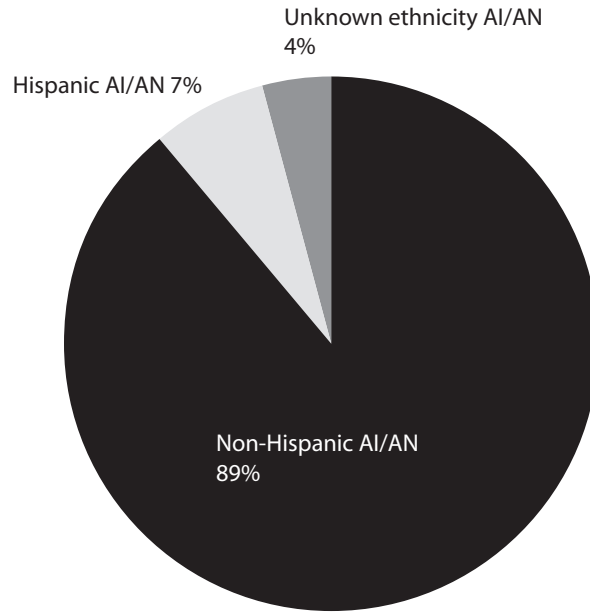
		<i>Excluded</i>	
2014	2017	2014	2017
All open clinical trials			
1,860	1,805		
Studies with enrollment		Studies with no enrollment	
1,748	1,726	112	79
Studies enrolling at least one AI/AN participant		Studies with no identified AI/AN participant	
360 (21%)	378 (22%)	1,388	1,348

Figure 2.
Percentages for Self-Reporting and Nonreporting of Racial Identity by Individuals Enrolled in NIH Clinical Studies in 2017¹



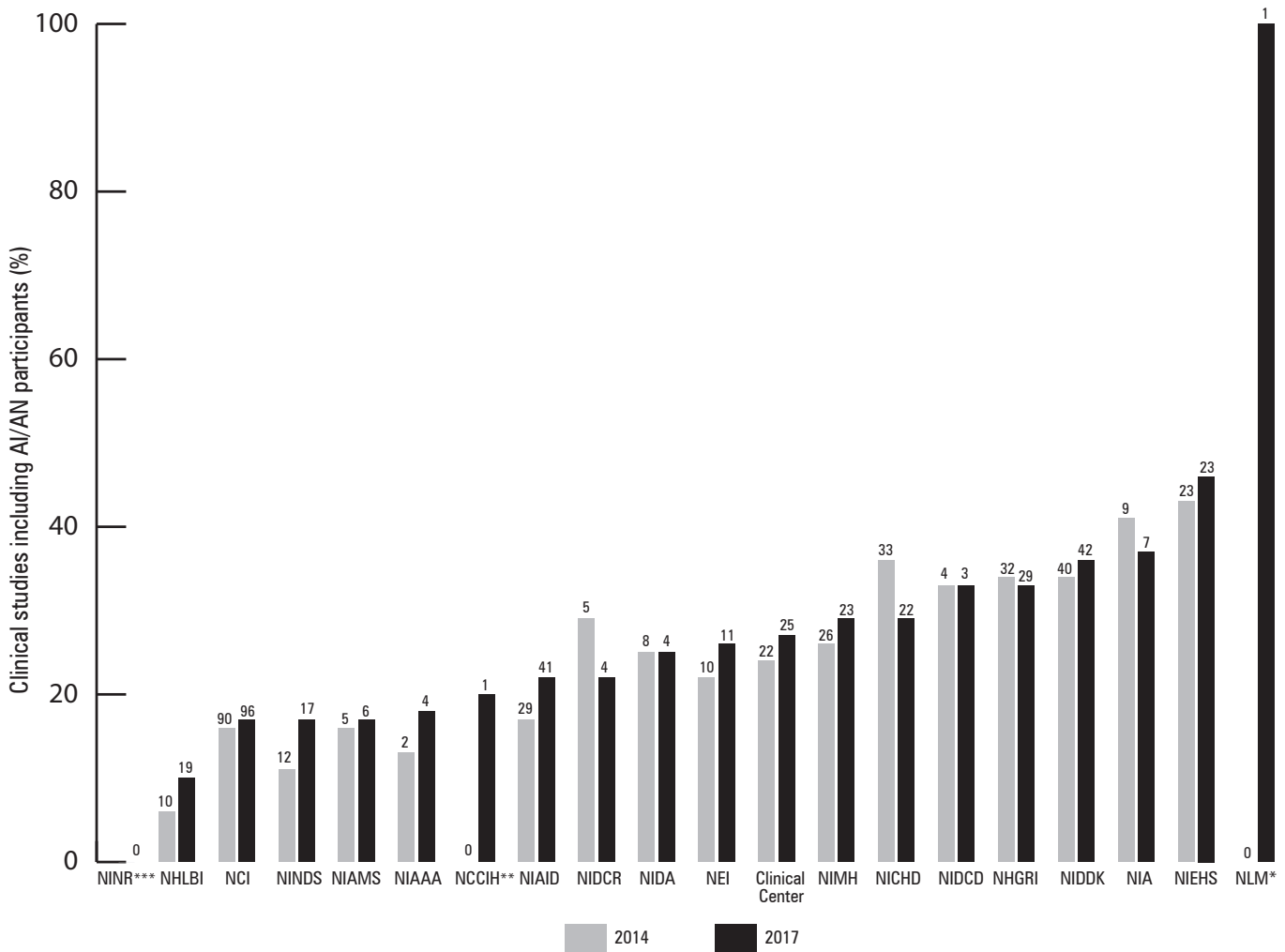
¹ Percentages represent the total number of enrollees identifying as belonging to one of the racial categories listed above in 2017. Of the clinical study enrollees, 50.18% identified as White, 7.18% as Black or African American, 6.51% as Asian, 0.71% as American Indian/Alaska Native, and 0.13% as Native Hawaiian/Pacific Islander; those identifying as more than one race made up 0.42% of all enrollees; and 34.87% of enrollees reported race as “unknown” or did not report it.

Figure 3.
Self-Reported Ethnicity Breakdown for American Indian/Alaska Native Enrollees in 2017¹



¹ Percentages represent the number of such enrollees identifying as one of the three available ethnicity options.

Figure 4.
Percent of Clinical Studies That Enrolled at Least One American Indian or Alaska Native, by Institute or Center, in 2014 and 2017¹



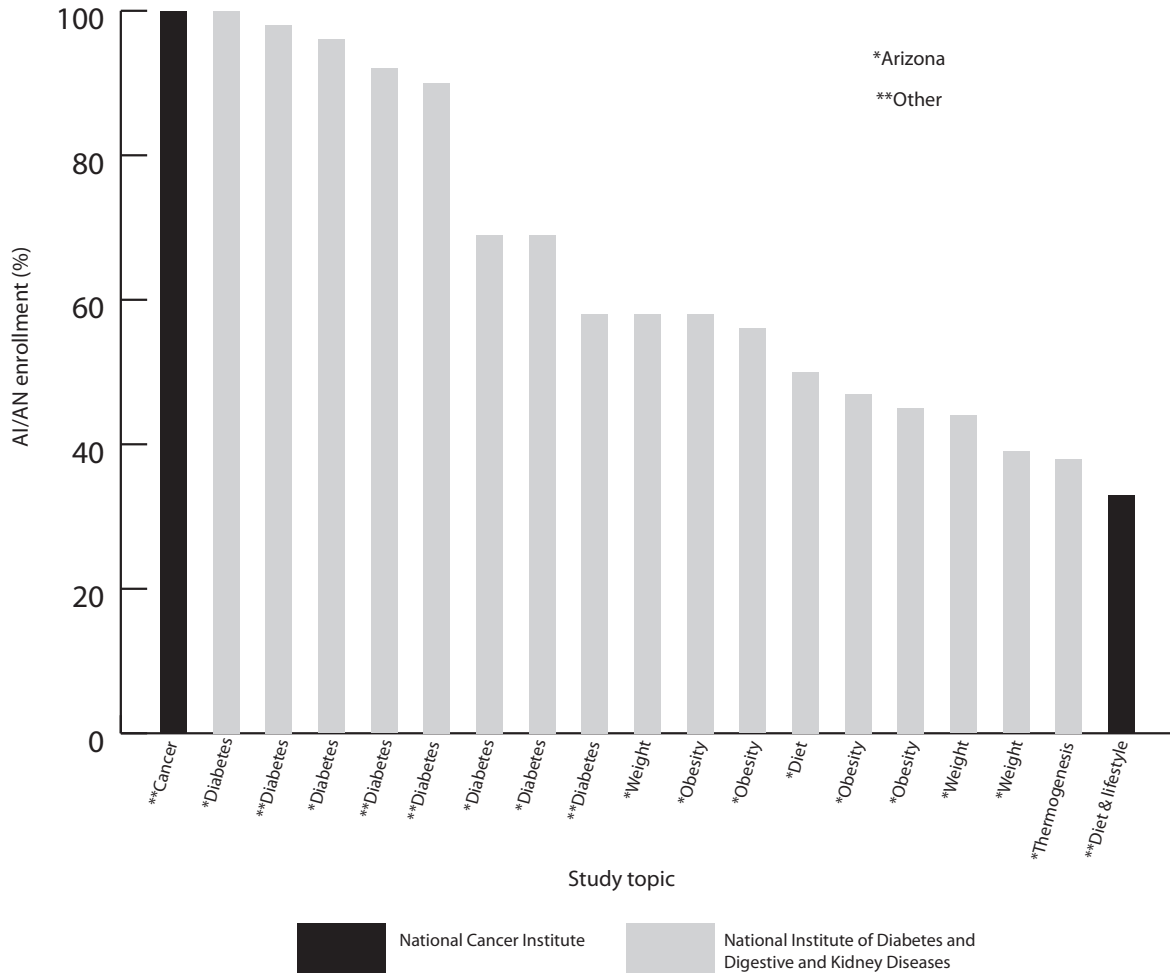
¹ The numbers on each bar are the number of clinical studies that enrolled at least one American Indian or Alaska Native by institute or center.

* The National Library of Medicine (NLM) had no studies open in 2014. NLM had only one open clinical study in 2017, and that study enrolled at least one American Indian or Alaska Native.

** The National Center for Complementary and Integrative Health (NCCIH) had only two open clinical studies in 2014, neither of which enrolled an American Indian or Alaska Native. In 2017, NCCIH had five open clinical studies, one of which enrolled such a participant.

***The National Institute of Nursing Research (NINR) had 11 open clinical studies, none of which enrolled an American Indian or Alaska Native.

Figure 5.
Percent of American Indian/Alaska Native Enrollment for 19 studies in 2017,
by Institute and Study Topic¹



¹ Studies with 33% or more American Indian/Alaska Native enrollment were included in this analysis. Thirteen of these studies took place in Arizona alone. Six studies were conducted in one or more of the following locations: Arizona, Maryland, New Mexico, California, Texas, Alabama, New York, Colorado, Louisiana, Massachusetts, Minnesota, Pennsylvania, Rhode Island, Tennessee, Washington, Hawaii, and Mexico.