Disparities Data and ICD-9-CM to ICD-10-CM Code Conversion

Question 1b.4. Disparities data – Tables 1 - 4

Table 1. Mean (Standard Deviation) Proportion of Racial Groups within Sampled ZIP Codes of Residence‡

Sampled Group Description	American Indian or Alaska Native Mean (SD)‡	Asian Mean (SD)‡	Black or African American Mean (SD)‡	Native Hawaiian or Other Pacific Islander Mean (SD)‡	White Mean (SD)‡	Two or More Races Mean (SD)‡	Other Mean (SD)‡
Eligible children with post-traumatic headache (n=5,807)*	0.5 (1.1)	5.1 (8.0)	8.5 (13.5)	0.1 (0.2)	79.6 (17.7)	2.6 (1.4)	3.7 (6.0)
Subset who had a CT or MRI (n=2,918)**	0.5 (1.0)	4.9 (7.9)	8.0 (12.6)	0.1 (0.2)	80.2 (16.8)	2.6 (1.4)	3.7 (6.1)
Subset following claims denominator exclusions (n=2,386)***	0.5 (1.0)	4.8 (7.8)	8.2 (12.7)	0.1 (0.2)	80.3 (16.8)	2.6 (1.4)	3.6 (6.0)
Subset following claims numerator exclusions (n=1,985)****	0.5 (0.9)	4.9 (8.1)	8.1 (12.6)	0.1 (0.2)	80.3 (16.8)	2.6 (1.5)	3.6 (5.9)
Subset with reviewed and abstracted medical records (n=200)+	0.4 (0.3)	5.4 (8.1)	7.0 (10.1)	0.1 (0.3)	80.5 (15.6)	2.6 (1.4)	3.9 (6.9)
Children meeting denominator criteria (n=57)++	0.4 (0.4)	6.1 (9.1)	5.1 (8.2)	0.1 (0.1)	81.8 (15.1)	2.6 (1.3)	3.9 (7.6)
Children meeting numerator criteria (n=8)+++	0.3 (0.1)	3.3 (4.3)	7.1 (12.4)	0.03 (0.05)	84.9 (15.5)	1.8 (1.2)	2.7 (2.3)

‡Data summarize characteristics of the broader population residing in ZIP codes of sampled cases.

*Among eligible children who had a post-traumatic headache (n=5,912), no information available for 105 members (1.8%) due to missing or unmatched ZIP code, yielding n=5,807 (98.2%).

** Among the subset of children who had a CT or MRI (n=2,967), no information available for 49 members (1.7%) due to missing or unmatched ZIP code, yielding n=2,918 (98.3%).

*** Among the subset of children following denominator exclusions (n=2,419), no information available for 33 members (1.4%) due to missing or unmatched ZIP code, yielding n=2,386 (98.6%).

**** Among the subset of children following numerator exclusions (n=2,009), no information available for 24 (1.2%) members due to missing or unmatched ZIP code, yielding n=1,985 (98.8%).

+ Among the subset of children with abstracted medical records (n=204), no information available for 4 members (2.0%) due to missing or unmatched ZIP code, yielding n=200 (98.0%).

++ Among children meeting denominator criteria (n=57), information was available for all members, yielding n=57 (100%).

+++ Among children meeting numerator criteria (n=8), information was available for all members, yielding n=8 (100%).

Table 2. Mean (Standard Deviation) Proportion Reporting Hispanic Ethnicity within Sampled ZIP Codes of Residence[‡]

Sampled Group Description	Hispanic Ethnicity Mean (SD) [‡]
Eligible children with post-traumatic headache (n=5,807)*	9.7 (13.5)
Subset who had a CT or MRI (n=2,918)**	9.8 (13.6)
Subset following claims denominator exclusions (n=2,386)***	9.5 (13.3)
Subset following claims numerator exclusions (n=1,985)****	9.4 (13.2)
Subset with reviewed and abstracted medical records (n=200)+	10.3 (14.7)
Children meeting denominator criteria (n=57)++	10.0 (13.9)
Children meeting numerator criteria (n=8)+++	6.6 (5.3)

‡Data summarize characteristics of the broader population residing in ZIP codes of sampled cases.

*Among eligible children who had a post-traumatic headache (n=5,912), no information available for 105 members (1.8%) due to missing or unmatched ZIP code, yielding n=5,807 (98.2%).

** Among the subset of children who had a CT or MRI (n=2,967), no information available for 49 members (1.7%) due to missing or unmatched ZIP code, yielding n=2,918 (98.3%).

*** Among the subset of children following denominator exclusions (n=2,419), no information available for 33 members (1.4%) due to missing or unmatched ZIP code, yielding n=2,386 (98.6%).

**** Among the subset of children following numerator exclusions (n=2,009), no information available for 24 (1.2%) members due to missing or unmatched ZIP code, yielding n=1,985 (98.8%).

+ Among the subset of children with abstracted medical records (n=204), no information available for 4 members (2.0%) due to missing or unmatched ZIP code, yielding n=200 (98.0%).

++ Among children meeting denominator criteria (n=57), information was available for all members, yielding n=57 (100%).

+++ Among children meeting numerator criteria (n=8), information was available for all members, yielding n=8 (100%).

Table 3. Median Household Income within Sampled ZIP Codes of Residence[‡]

Sampled Group Description	Median Household Income (Mean)[‡]	SD	Min	25th Percentile	Median	75th Percentile	Max
Eligible children with post-traumatic headache (n=5,805)*	$ 69,886	$29,495	$15,473	$47,570	$63,878	$85,462	$219,688
Subset who had a CT or MRI (n=2,917)**	$69,540	$29,624	$16,036	$47,028	$63,542	$85,462	$219,688
Subset following claims denominator exclusions (n=2,386)***	$69,188	$29,630	$16,036	$46,964	$63,158	$85,380	$219,688
Subset following claims numerator exclusions (n=1,985)****	$68,934	$29,430	$16,036	$46,733	$63,269	$85,011	$219,688
Subset with reviewed and abstracted medical records (n=200)+	$74,498	$30,834	$20,673	$51,920	$69,214	$93,236	$167,037
Children meeting denominator criteria (n=57)++	$81,430	$32,839	$30,085	$57,712	$76,014	$99,041	$167,037
Children meeting numerator criteria (n=8)+++	$64,401	$33,345	$32,267	$39,979	$51,366	$84,965	$130,319

‡Data summarize characteristics of the broader population residing in ZIP codes of sampled cases.
*Among eligible children who had a post-traumatic headache (n=5,912), no information available for 107 members (1.8%) due to missing or unmatched ZIP code or missing census data, yielding n=5,805 (98.2%).
** Among the subset of children who had a CT or MRI (n=2,967), no information available for 50 members (1.7%) due to missing or unmatched ZIP code or missing census data, yielding n=2,917 (98.3%).
*** Among the subset of children following denominator exclusions (n=2,419), no information available for 33 members (1.4%) due to missing or unmatched ZIP code or missing census data, yielding n=2,386 (98.6%).
**** Among the subset of children following numerator exclusions (n=2,009), no information available for 24 members (1.2%) due to missing or unmatched ZIP code or missing census data, yielding n=1,985 (98.8%).
+ Among the subset of children with abstracted medical records (n=204), no information available for 4 members (2.0%) due to missing or unmatched ZIP code or missing census data, yielding n=200 (98.0%).
++ Among children meeting denominator criteria (n=57), information was available for all members, yielding n=57 (100%).
+++ Among children meeting numerator criteria (n=8), information was available for all members, yielding n=8 (100%).

Table 4. Proportion of Sampled ZIP Codes Categorized as Urban[‡]

Sampled Group Description	Urban	SD	Min	25th Percentile	Median	75th Percentile	Max

	(Mean)‡						
Eligible children with post-traumatic headache (n=5,807)*	77.3	32.8	0	66.4	95.0	100	100
Subset who had a CT or MRI (n=2,918)**	75.4	33.7	0	63.0	93.7	100	100
Subset following claims denominator exclusions (n=2,386)***	74.5	34.2	0	61.6	93.0	100	100
Subset following claims numerator exclusions (n=1,985)****	74.0	34.5	0	61.1	92.9	100	100
Subset with reviewed and abstracted medical records (n=200)+	77.5	32.3	0	63.6	95.2	100	100
Children meeting denominator criteria (n=57)++	77.9	30.9	0	68.3	94.2	100	100
Children meeting numerator criteria (n=8)+++	52.8	42.3	0	6.3	67.7	87.1	100

‡Data summarize characteristics of the broader population residing in ZIP codes of sampled cases.

*Among eligible children who had a post-traumatic headache (n=5,912), no information available for 105 members (1.8%) due to missing or unmatched ZIP code, yielding n=5,807 (98.2%).

** Among the subset of children who had a CT or MRI (n=2,967), no information available for 49 members (1.7%) due to missing or unmatched ZIP code, yielding n=2,918 (98.3%).

*** Among the subset of children following denominator exclusions (n=2,419), no information available for 33 members (1.4%) due to missing or unmatched ZIP code, yielding n=2,386 (98.6%).

**** Among the subset of children following numerator exclusions (n=2,009), no information available for 24 (1.2%) members due to missing or unmatched ZIP code, yielding n=1,985 (98.8%).

+ Among the subset of children with abstracted medical records (n=204), no information available for 4 members (2.0%) due to missing or unmatched ZIP code, yielding n=200 (98.0%).

++ Among children meeting denominator criteria (n=57), information was available for all members, yielding n=57 (100%).

+++ Among children meeting numerator criteria (n=8), information was available for all members, yielding n=8 (100%).