

Table 11. Mean (Standard Deviation) Proportion in Racial Groups within Sampled ZIP Codes of Residence ‡

Sampled Group Description	American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	Two or More Races	Other
	Mean (SD)†	Mean (SD)†	Mean (SD)†	Mean (SD)†	Mean (SD)†	Mean (SD)†	Mean (SD)†
Eligible children with an atraumatic headache (n=26,488)*	0.5 (1.0)	5.7 (8.5)	7.7 (12.3)	0.1 (0.2)	79.4 (17.1)	2.7 (1.5)	4.0 (6.2)
Subset who had a CT scan (n=2,977)**	0.5 (1.5)	4.6 (7.8)	8 (12.7)	0.1 (0.2)	80.7 (16.9)	2.5 (1.4)	3.6 (5.8)
Subset who had an MRI (n=1,585)***	0.4 (0.7)	5.7 (8.6)	6.9 (10.5)	0.1 (0.2)	80.4 (16.0)	2.6 (1.4)	3.9 (6.1)
Subset following claims CT exclusions (n=1,781)****	0.4 (1.0)	4.1 (7.2)	8.4 (13.1)	0.1 (0.2)	81.5 (16.6)	2.4 (1.4)	3.0 (4.9)
Subset following claims MRI exclusions (n=1,363)*****	0.4 (0.7)	5.8 (8.7)	6.9 (10.7)	0.1 (0.2)	80.4 (15.9)	2.6 (1.4)	3.8 (5.9)
Subset with CT and abstracted medical record (n=124)+	0.4 (0.6)	5.1 (7.2)	7.9 (13.5)	0.1 (0.4)	80.2 (17.3)	2.5 (1.4)	3.8 (6.0)
Subset with MRI and abstracted medical record (n=64)++	0.4 (0.4)	5.6 (6.5)	8.5 (16.2)	0.1 (0.2)	76.9 (19.2)	2.7 (1.4)	5.8 (10.1)
Children meeting CT denominator criteria (n=68)+++	0.3 (0.3)	4.7 (6.6)	9.7 (15.9)	0.1 (0.1)	79.7 (18.6)	2.5 (1.5)	3.0 (4.6)
Children meeting MRI numerator criteria (n=47)++++	0.4 (0.4)	6.5 (7.2)	7.4 (14.1)	0.1 (0.2)	77.8 (17.5)	2.8 (1.4)	5.0 (7.4)

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

*Among eligible children who had an atraumatic headache (n=27,005), no information available for 517 members (1.9%) due to missing or unmatched ZIP code, yielding n=26,488 (98.1%).

** Among the subset of children who had a CT scan (n=3,033), no information available for 56 members (1.8%) due to missing or unmatched ZIP code, yielding n=2,977 (98.2%).

*** Among the subset of children who had an MRI (n=1,612), no information available for 27 members (1.7%) due to missing or unmatched ZIP code, yielding n=1,585 (98.3%).

**** Among the subset of children following claims CT exclusions (n=1,815), no information available for 34 members (1.9%) due to missing or unmatched ZIP code, yielding n=1,781 (98.1%).

***** Among the subset of children following claims MRI exclusions (n=1,387), no information available for 24 members (1.7%) due to missing or unmatched ZIP code, yielding n=1,363 (98.3%).

+ Among the subset of children who had a CT scan and abstracted medical record (n=124), information was available for all members, yielding n=124 (100%).

++ Among the subset of children who had an MRI and abstracted medical record (n=66), no information available for 2 members (3.0%) due to missing or unmatched ZIP code, yielding n=64 (97.0%).

+++ Among children meeting CT denominator criteria (n=68), information was available for all members, yielding n=68 (100%).

++++ Among children meeting MRI numerator criteria (n=48), no information available for 1 member (2.1%) due to missing or unmatched ZIP code, yielding n=47 (97.9%).

Table 12. Mean (Standard Deviation) Proportion Reporting Hispanic Ethnicity within Sampled ZIP Codes of Residence[‡]

Sampled Group Description	Hispanic Ethnicity Mean (SD) [‡]
Eligible children with an atraumatic headache (n=26,488)*	10.4 (13.8)
Subset who had a CT scan (n=2,977)**	9.4 (13.3)
Subset who had an MRI (n=1,585)***	10.2 (13.2)
Subset following claims CT exclusions (n=1,781)****	8.2 (11.8)
Subset following claims MRI exclusions (n=1,363)*****	10.0 (13.0)
Subset with CT and abstracted medical record (n=124)+	9.4 (12.7)
Subset with MRI and abstracted medical record (n=64)++	14.0 (19.5)
Children meeting CT denominator criteria (n=68)+++	7.9 (10.2)
Children meeting MRI numerator criteria (n=47)++++	12.7 (16.1)

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

*Among eligible children who had an atraumatic headache (n=27,005), no information available for 517 members (1.9%) due to missing or unmatched ZIP code, yielding n=26,488 (98.1%).

** Among the subset of children who had a CT scan (n=3,033), no information available for 56 members (1.8%) due to missing or unmatched ZIP code, yielding n=2,977 (98.2%).

*** Among the subset of children who had an MRI (n=1,612), no information available for 27 members (1.7%) due to missing or unmatched ZIP code, yielding n=1,585 (98.3%).

**** Among the subset of children following claims CT exclusions (n=1,815), no information available for 34 members (1.9%) due to missing or unmatched ZIP code, yielding n=1,781 (98.1%).

***** Among the subset of children following claims MRI exclusions (n=1,387), no information available for 24 members (1.7%) due to missing or unmatched ZIP code, yielding n=1,363 (98.3%).

+ Among the subset of children who had a CT scan and abstracted medical record (n=124), information was available for all members, yielding n=124 (100%).

++ Among the subset of children who had an MRI and abstracted medical record (n=66), no information available for 2 members (3.0%) due to missing or unmatched ZIP code, yielding n=64 (97.0%).

+++ Among children meeting CT denominator criteria (n=68), information was available for all members, yielding n=68 (100%).

++++ Among children meeting MRI numerator criteria (n=48), no information available for 1 member (2.1%) due to missing or unmatched ZIP code, yielding n=47 (97.9%).

Table 13. Median Household Income within Sampled ZIP Codes of Residence[‡]

Sampled Group Description	Median Household Income (Mean) [‡]	SD	Min	25 th Percentile	Median	75 th Percentile	Max
Eligible children with an atraumatic headache (n=26,479)*	\$71,838	\$30,280	\$9,444	\$49,135	\$66,161	\$87,750	\$234,932
Subset who had a CT scan (n=2,977)**	\$67,599	\$28,567	\$16,036	\$45,563	\$61,063	\$83,168	\$207,949
Subset who had an MRI (n=1,584)***	\$73,135	\$30,691	\$23,166	\$50,028	\$66,500	\$90,225	\$234,932
Subset following claims CT exclusions (n=1,781)****	\$65,601	\$27,823	\$16,036	\$43,896	\$59,028	\$80,405	\$207,949
Subset following claims MRI exclusions (n=1,362)*****	\$73,454	\$30,863	\$23,166	\$50,176	\$67,063	\$91,052	\$234,932
Subset with CT and abstracted medical record (n=124)+	\$71,028	\$30,198	\$25,545	\$47,447	\$65,251	\$87,629	\$167,037
Subset with MRI and abstracted medical record (n=64)++	\$73,094	\$29,973	\$23,166	\$54,287	\$69,232	\$87,531	\$162,271
Children meeting CT denominator criteria (n=68)+++	\$70,354	\$28,839	\$27,781	\$48,946	\$64,355	\$83,686	\$167,037
Children meeting MRI numerator criteria (n=47)++++	\$73,828	\$29,324	\$25,800	\$53,760	\$70,964	\$88,288	\$162,271

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

*Among eligible children who had an atraumatic headache (n=27,005), no information available for 526 members (1.9%) due to missing or unmatched ZIP code or missing census data, yielding n=26,479 (98.1%).

** Among the subset of children who had a CT scan (n=3,033), no information available for 56 members (1.8%) due to missing or unmatched ZIP code or missing census data, yielding n=2,977 (98.2%).

*** Among the subset of children who had an MRI (n=1,612), no information available for 28 members (1.7%) due to missing or unmatched ZIP code or missing census data, yielding n=1,584 (98.3%).

**** Among the subset of children following claims CT exclusions (n=1,815), no information available for 34 members (1.9%) due to missing or unmatched ZIP code or missing census data, yielding n=1,781 (98.1%).

***** Among the subset of children following claims MRI exclusions (n=1,387), no information available for 25 members (1.8%) due to missing or unmatched ZIP code or missing census data, yielding n=1,362 (98.2%).

+ Among the subset of children who had a CT scan and abstracted medical record (n=124), information was available for all members, yielding n=124 (100%).

++ Among the subset of children who had an MRI and abstracted medical record (n=66), no information available for 2 members (3.0%) due to missing or unmatched ZIP code or missing census data, yielding n=64 (97.0%).

+++ Among children meeting CT denominator criteria (n=68), information was available for all members, yielding n=68 (100%).

++++ Among children meeting MRI numerator criteria (n=48), no information available for 1 member (2.1%) due to missing or unmatched ZIP code or missing census data, yielding n=47 (97.9%).

Table 14. Proportion of Sampled ZIP Codes Categorized as Urban[‡]

Sampled Group Description	Urban (Mean) [‡]	SD	Min	75 th Percentile	Median	75 th Percentile	Max
Eligible children with an atraumatic headache (n=26,488)*	78.5	32.1	0	69.3	95.9	100	100
Subset who had a CT scan (n=2,977)**	73.8	34.2	0	59.1	92.2	100	100
Subset who had an MRI (n=1,585)***	79.0	31.4	0	70.3	95.5	100	100
Subset following claims CT exclusions (n=1,781)****	71.3	35.4	0	53.6	89.2	99.8	100
Subset following claims MRI exclusions (n=1,363)*****	79.1	31.2	0	70.0	95.2	100	100
Subset with CT and abstracted medical record (n=124)+	75.1	32.6	0	55.4	90.6	99.9	100
Subset with MRI and abstracted medical record (n=64)++	80.0	30.3	0	74.0	93.6	100	100
Children meeting CT denominator criteria (n=68)+++	75.2	34.3	0	61.7	96.1	100	100
Children meeting MRI numerator criteria (n=47)++++	79.5	32.2	0	73.9	96.0	100	100

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

*Among eligible children who had an atraumatic headache (n=27,005), no information available for 517 members (1.9%) due to missing or unmatched ZIP code, yielding n=26,488 (98.1%).

** Among the subset of children who had a CT scan (n=3,033), no information available for 56 members (1.8%) due to missing or unmatched ZIP code, yielding n=2,977 (98.2%).

*** Among the subset of children who had an MRI (n=1,612), no information available for 27 members (1.7%) due to missing or unmatched ZIP code, yielding n=1,585 (98.3%).

**** Among the subset of children following claims CT exclusions (n=1,815), no information available for 34 members (1.9%) due to missing or unmatched ZIP code, yielding n=1,781 (98.1%).

***** Among the subset of children following claims MRI exclusions (n=1,387), no information available for 24 members (1.7%) due to missing or unmatched ZIP code, yielding n=1,363 (98.3%).

+ Among the subset of children who had a CT scan and abstracted medical record (n=124), information was available for all members, yielding n=124 (100%).

++ Among the subset of children who had an MRI and abstracted medical record (n=66), no information available for 2 members (3.0%) due to missing or unmatched ZIP code, yielding n=64 (97.0%).

+++ Among children meeting CT denominator criteria (n=68), information was available for all members, yielding n=68 (100%).

++++ Among children meeting MRI numerator criteria (n=48), no information available for 1 member (2.1%) due to missing or unmatched ZIP code, yielding n=47 (97.9%).