

**HCUP Summary Statistics Report: NEDS 2020 Core File**  
**Means of Continuous Data Elements**

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
AGE : Age in years at admission	28,036,349	685	0.00	90.00	43.36	23.78
AMONTH : Admission month	25,327,050	2,709,984	1.00	12.00	6.31	3.58
AWEEKEND : Admission day is a weekend	28,036,819	215	0.00	1.00	0.27	0.44
DIED_VISIT : Died in the ED (1), Died in the hospital (2), did not die (0)	28,020,142	16,892	0.00	2.00	0.01	0.16
DISCWT : Weight to ED Visits in AHA universe	28,037,034	0	1.01	20.62	4.40	1.28
DISP_ED : Disposition of patient (uniform) from ED	28,037,034	0	1.00	99.00	2.60	3.86
DQTR : Discharge quarter	27,983,673	53,361	1.00	4.00	2.44	1.16
EDEVENT : Type of ED Event	28,037,034	0	1.00	99.00	1.27	2.37
FEMALE : Indicator of sex	28,034,732	2,302	0.00	1.00	0.54	0.50
I10_INJURY : Injury ICD-10-CM diagnosis reported on record (1: First-listed injury; 2: Other than first-listed injury; 0: No injury)	28,037,034	0	0.00	2.00	0.21	0.46
I10_INJURY_CUT : Mechanism of injury: cut or pierce	28,037,034	0	0.00	1.00	0.01	0.12
I10_INJURY_DROWN : Mechanism of injury: drowning or submersion	28,037,034	0	0.00	1.00	0.00	0.01
I10_INJURY_FALL : Mechanism of injury: fall	28,037,034	0	0.00	1.00	0.06	0.23
I10_INJURY_FIRE : Mechanism of injury: fire, flame, hot object, or hot substance	28,037,034	0	0.00	1.00	0.00	0.05
I10_INJURY_FIREARM : Mechanism of injury: firearm	28,037,034	0	0.00	1.00	0.00	0.03
I10_INJURY_MACHINERY : Mechanism of injury: machinery	28,037,034	0	0.00	1.00	0.00	0.03
I10_INJURY_MVT : Mechanism of injury: motor vehicle traffic, including the occupant of a car, motorcyclist, pedal cyclist, pedestrian, other, or unspecified	28,037,034	0	0.00	1.00	0.02	0.13
I10_INJURY_NATURE : Mechanism of injury: natural or environmental, included venomous and nonvenomous bites and stings	28,037,034	0	0.00	1.00	0.01	0.09

(Continued)

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**HCUP Summary Statistics Report: NEDS 2020 Core File**  
**Means of Continuous Data Elements**

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
I10_INJURY_OVEREXERTION : Mechanism of injury: overexertion	28,037,034	0	0.00	1.00	0.01	0.10
I10_INJURY_POISON : Mechanism of injury: poisoning, including drugs and nondrugs	28,037,034	0	0.00	1.00	0.01	0.09
I10_INJURY_STRUCK : Mechanism of injury: struck by or against	28,037,034	0	0.00	1.00	0.02	0.15
I10_INJURY_SUFFOCATION : Mechanism of injury: suffocation	28,037,034	0	0.00	1.00	0.00	0.02
I10_INTENT_ASSAULT : Intent of injury: assault	28,037,034	0	0.00	1.00	0.01	0.09
I10_INTENT_SELF_HARM : Intent of injury: intentional self-harm	28,037,034	0	0.00	1.00	0.00	0.06
I10_INTENT_UNINTENTIONAL : Intent of injury: unintentional	28,037,034	0	0.00	1.00	0.16	0.36
I10_MULTINJURY : Multiple ICD-10-CM injuries reported on record	28,037,034	0	0.00	1.00	0.05	0.23
I10_NDX : ICD-10-CM Number of diagnoses on this record	28,037,034	0	0.00	35.00	6.37	6.00
NEDS_STRATUM : Stratum used to sample hospital	28,037,034	0	10100.00	43420.00	27985.78	9823.26
PAY1 : Primary expected payer (uniform)	27,988,930	48,104	1.00	6.00	2.46	1.23
PAY2 : Secondary expected payer (uniform)	5,917,505	22,119,529	1.00	6.00	3.07	1.22
PL_NCHS : Patient Location: NCHS Urban-Rural Code	27,800,651	236,383	1.00	6.00	2.69	1.55
RACE : Race (uniform)	27,433,126	603,908	1.00	6.00	1.81	1.18
TOTCHG_ED : Total charge for ED services	26,605,024	1,432,010	100.00	933903.00	5444.18	8415.91
YEAR : Calendar year	28,037,034	0	2020.00	2020.00	2020.00	0.00
ZIPINC_QRTL : Median household income national quartile for patient ZIP Code	27,504,165	532,869	1.00	4.00	2.18	1.09

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for AGE***

<b>AGE</b>	<b>Frequency</b>	<b>Percent</b>
.: Missing	349	0.00
.A: Invalid	<= 10	*.**
.C: Inconsistent	335	0.00
0	487,006	1.74
1	340,984	1.22
2	438,507	1.56
3	203,902	0.73
4	178,264	0.64
5	168,073	0.60
6	152,004	0.54
7	276,887	0.99
8	132,474	0.47
9	129,116	0.46
10	129,875	0.46
11	131,454	0.47
12	266,173	0.95
13	152,394	0.54
14	165,297	0.59
15	180,579	0.64
16	298,114	1.06
17	227,870	0.81
18	295,916	1.06
19	415,098	1.48
20	352,656	1.26
21	361,244	1.29
22	580,664	2.07
23	361,550	1.29
24	363,757	1.30
25	372,694	1.33
26	381,027	1.36
27	622,169	2.22

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for AGE***

<b>AGE</b>	<b>Frequency</b>	<b>Percent</b>
28	403,606	1.44
29	409,605	1.46
30	410,802	1.47
31	397,790	1.42
32	601,333	2.14
33	374,067	1.33
34	368,589	1.31
35	360,027	1.28
36	352,294	1.26
37	552,572	1.97
38	346,486	1.24
39	343,867	1.23
40	337,197	1.20
41	323,435	1.15
42	492,754	1.76
43	305,526	1.09
44	290,309	1.04
45	290,961	1.04
46	288,171	1.03
47	463,929	1.65
48	305,672	1.09
49	326,197	1.16
50	321,688	1.15
51	314,001	1.12
52	476,939	1.70
53	313,725	1.12
54	323,728	1.15
55	334,240	1.19
56	342,731	1.22
57	515,897	1.84
58	340,491	1.21

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for AGE***

<b>AGE</b>	<b>Frequency</b>	<b>Percent</b>
59	338,783	1.21
60	334,796	1.19
61	324,988	1.16
62	479,610	1.71
63	310,189	1.11
64	298,327	1.06
65	295,075	1.05
66	285,801	1.02
67	415,450	1.48
68	268,438	0.96
69	259,538	0.93
70	254,149	0.91
71	252,974	0.90
72	382,488	1.36
73	266,145	0.95
74	216,674	0.77
75	213,130	0.76
76	217,156	0.77
77	325,703	1.16
78	204,251	0.73
79	190,666	0.68
80	182,183	0.65
81	175,967	0.63
82	250,138	0.89
83	159,893	0.57
84	153,212	0.55
85	145,911	0.52
86	131,155	0.47
87	178,395	0.64
88	115,092	0.41

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for AGE***

<b>AGE</b>	<b>Frequency</b>	<b>Percent</b>
89	105,390	0.38
90 or older	510,305	1.82

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for AMONTH***

<b>AMONTH</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	2,709,984	9.67
1 : January	2,800,445	9.99
2 : February	2,564,364	9.15
3 : March	2,244,073	8.00
4 : April	1,427,622	5.09
5 : May	1,755,863	6.26
6 : June	1,974,227	7.04
7 : July	2,153,590	7.68
8 : August	2,130,619	7.60
9 : September	2,071,275	7.39
10 : October	2,119,025	7.56
11 : November	2,052,491	7.32
12 : December	2,033,456	7.25

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for A WEEKEND***

<b>A WEEKEND</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	214	0.00
.A: Invalid	<= 10	*.**
0 : Monday-Friday	20,441,558	72.91
1 : Saturday-Sunday	7,595,261	27.09

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for DIED\_VISIT***

<b>DIED_VISIT</b>	<b>Frequency</b>	<b>Percent</b>
.: Missing	16,892	0.06
0: Did not die	27,802,554	99.16
1: Died in the ED	53,172	0.19
2: Died in the hospital	164,416	0.59

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for DISCWT***

<b>DISCWT</b>	<b>Frequency</b>	<b>Percent</b>
Non-blank	28,037,034	100.00

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for DISP\_ED***

<b>DISP_ED</b>	<b>Frequency</b>	<b>Percent</b>
1: Routine	21,838,663	77.89
2: Transfer: short-term hospital	520,904	1.86
5: Transfer: other type of facility	457,723	1.63
6: Home health care	89,148	0.32
7: Against medical advice	473,427	1.69
9: Admitted as an inpatient to this hospital	4,588,116	16.36
20: Died in ED	53,172	0.19
98: Not admitted to this hospital, destination unknown	15,595	0.06
99: Discharged alive, destination unknown	286	0.00

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for DQTR***

<b>DQTR</b>	<b>Frequency</b>	<b>Percent</b>
.: Missing	53,361	0.19
1: First quarter	8,451,805	30.15
2: Second quarter	5,679,830	20.26
3: Third quarter	6,993,300	24.94
4: Fourth quarter	6,858,738	24.46

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for EDEVENT***

<b>EDEVENT</b>	<b>Frequency</b>	<b>Percent</b>
1: ED visit in which the patient is treated and released	22,858,961	81.53
2: ED visit in which the patient is admitted to this same hospital	4,588,116	16.36
3: ED visit in which the patient is transferred to another short-term hospital	520,904	1.86
9: ED visit in which the patient died in the ED	53,172	0.19
98: ED visit in which patient is not admitted to this same hospital, destination unknown	15,595	0.06
99: ED visit in which the patient is discharged alive, destination unknown	286	0.00

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for FEMALE***

<b>FEMALE</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	1,935	0.01
.A: Invalid	101	0.00
.C: Inconsistent	266	0.00
0 : Male	12,935,514	46.14
1 : Female	15,099,218	53.85

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for HCUPFILE***

<b>HCUPFILE</b>	<b>Frequency</b>	<b>Percent</b>
SEDD	23,448,918	83.64
SID	4,588,116	16.36

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for I10\_DX1***

<b>I10_DX1</b>	<b>Frequency</b>	<b>Percent</b>
Blank	7,815	0.03
Valid DX	28,029,040	99.97
Inconsistent DX (incn)	128	0.00
Invalid DX (invl)	51	0.00

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for I10\_INJURY***

<b>I10_INJURY</b>	<b>Frequency</b>	<b>Percent</b>
0: No injury	22,758,952	81.17
1: Injury in the first-listed diagnosis	4,673,923	16.67
2: Injury in the diagnoses other than first-listed	604,159	2.15

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for I10\_MULTINJURY***

<b>I10_MULTINJURY</b>	<b>Frequency</b>	<b>Percent</b>
0: One or no injury diagnosis reported	26,506,237	94.54
1: More than one injury diagnosis reported, regardless of position	1,530,797	5.46

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for I10\_NDX***

<b>I10_NDX</b>	<b>Frequency</b>	<b>Percent</b>
0	7,770	0.03
1	3,614,678	12.89
2	4,267,573	15.22
3	3,781,638	13.49
4	3,041,314	10.85
5	2,389,574	8.52
6	1,800,151	6.42
7	1,379,299	4.92
8	1,084,661	3.87
9	895,859	3.20
10	812,010	2.90
11	614,752	2.19
12	505,280	1.80
13	441,042	1.57
14	381,294	1.36
15	396,439	1.41
16	310,136	1.11
17	280,725	1.00
18	342,461	1.22
19	214,878	0.77
20	184,905	0.66
21	169,477	0.60
22	140,119	0.50
23	124,837	0.45
24	167,105	0.60
25	318,929	1.14
26	91,892	0.33
27	60,271	0.21
28	35,867	0.13
29	27,682	0.10
30	54,648	0.19

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for I10\_NDX***

<b>I10_NDX</b>	<b>Frequency</b>	<b>Percent</b>
31	31,077	0.11
32	15,192	0.05
33	12,703	0.05
34	7,603	0.03
35	33,193	0.12

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for PAY1***

<b>PAY1</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	47,465	0.17
.A: Invalid	639	0.00
1 : Medicare	7,007,365	24.99
2 : Medicaid	8,248,731	29.42
3 : Private insurance	8,096,225	28.88
4 : Self-pay	3,305,406	11.79
5 : No charge	155,379	0.55
6 : Other	1,175,824	4.19

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for PAY2***

<b>PAY2</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	22,119,468	78.89
.A: Invalid	61	0.00
1 : Medicare	443,048	1.58
2 : Medicaid	1,654,876	5.90
3 : Private insurance	1,673,233	5.97
4 : Self-pay	1,719,611	6.13
5 : No charge	42,053	0.15
6 : Other	384,684	1.37

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for RACE***

<b>RACE</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	603,722	2.15
.A: Invalid	186	0.00
1 : White	15,397,875	54.92
2 : Black	5,780,959	20.62
3 : Hispanic	4,465,720	15.93
4 : Asian/Pacific Islander	676,149	2.41
5 : Native American	164,770	0.59
6 : Other	947,653	3.38

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for TOTCHG\_ED***

<b>TOTCHG_ED</b>	<b>Frequency</b>	<b>Percent</b>
.: Missing	1,377,445	4.91
.C: Inconsistent	54,565	0.19
\$100- \$1,000	3,353,969	11.96
\$1,001- \$5,000	15,025,279	53.59
\$5,001-\$10,000	4,790,243	17.09
\$10,001-\$50,000	3,310,167	11.81
\$50,001-\$75,000	87,746	0.31
Over \$75,000	37,620	0.13

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for YEAR***

<b>YEAR</b>	<b>Frequency</b>	<b>Percent</b>
2020	28,037,034	100.00

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Frequency Distribution for ZIPINC\_QRTL***

<b>ZIPINC_QRTL</b>	<b>Frequency</b>	<b>Percent</b>
. : Missing	532,110	1.90
.A: Invalid	759	0.00
1 : First quartile	9,772,856	34.86
2 : Second quartile	7,562,077	26.97
3 : Third quartile	5,593,005	19.95
4 : Fourth quartile	4,576,227	16.32

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**HCUP Summary Statistics Report: NEDS 2020 Core File  
Univariates of Selected Continuous Data Elements**

**Variable: DISCWT (Weight to ED Visits in AHA universe)**

Moments			
N	28037034	Sum Weights	28037034
Mean	4.39697598	Sum Observations	123278165
Std Deviation	1.27924823	Variance	1.63647603
Skewness	-0.1507018	Kurtosis	1.70195629
Uncorrected SS	587933063	Corrected SS	45881932.4
Coeff Variation	29.0938189	Std Error Mean	0.0002416

Basic Statistical Measures			
Location		Variability	
Mean	4.40	Std Deviation	1.28
Median	4.46	Variance	1.64
Mode	5.56	Range	19.61
		Interquartile Range	1.49

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	18199.74	Pr >  t	<.0001
Sign	M	14018517	Pr >=  M	<.0001
Signed Rank	S	1.965E14	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	20.62
99%	7.78
95%	6.14
90%	5.66
75% Q3	5.35
50% Median	4.46

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***HCUP Summary Statistics Report: NEDS 2020 Core File  
Univariates of Selected Continuous Data Elements***

***Variable: DISCWT (Weight to ED Visits in AHA universe)***

<b>Quantiles (Definition 5)</b>	
<b>Level</b>	<b>Quantile</b>
<b>25% Q1</b>	3.87
<b>10%</b>	2.55
<b>5%</b>	1.87
<b>1%</b>	1.12
<b>0% Min</b>	1.01

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**HCUP Summary Statistics Report: NEDS 2020 Core File  
Univariates of Selected Continuous Data Elements**

**Variable: AGE (Age in years at admission)**

Moments			
N	28036349	Sum Weights	28036349
Mean	43.3595894	Sum Observations	1215644580
Std Deviation	23.7849665	Variance	565.724633
Skewness	0.07191059	Kurtosis	-0.9049012
Uncorrected SS	6.85707E10	Corrected SS	1.58609E10
Coeff Variation	54.8551471	Std Error Mean	0.00449202

Basic Statistical Measures			
Location		Variability	
Mean	43.36	Std Deviation	23.78
Median	42.00	Variance	565.72
Mode	27.00	Range	90.00
		Interquartile Range	37.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	9652.579	Pr >  t	<.0001
Sign	M	13774672	Pr >=  M	<.0001
Signed Rank	S	1.897E14	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	90.00
99%	90.00
95%	83.00
90%	77.00
75% Q3	62.00
50% Median	42.00

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**HCUP Summary Statistics Report: NEDS 2020 Core File  
Univariates of Selected Continuous Data Elements**

**Variable: AGE (Age in years at admission)**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	25.00
10%	12.00
5%	3.00
1%	0.00
0% Min	0.00

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
	349	0.00	50.95
A	1	0.00	0.15
C	335	0.00	48.91
Total	685	0.00	100.00

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**HCUP Summary Statistics Report: NEDS 2020 Core File  
Univariates of Selected Continuous Data Elements**

**Variable: TOTCHG\_ED (Total charge for ED services)**

Moments			
N	26605024	Sum Weights	26605024
Mean	5444.18194	Sum Observations	1.44843E11
Std Deviation	8415.91234	Variance	70827580.5
Skewness	11.8186465	Kurtosis	486.584188
Uncorrected SS	2.67292E15	Corrected SS	1.88437E15
Coeff Variation	154.585435	Std Error Mean	1.63162134

Basic Statistical Measures			
Location		Variability	
Mean	5,444.18	Std Deviation	8,415.91
Median	3,080.00	Variance	70,827,580.55
Mode	3,166.00	Range	933,803.00
		Interquartile Range	4,410.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	3336.67	Pr >  t	<.0001
Sign	M	13302512	Pr >=  M	<.0001
Signed Rank	S	1.77E14	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	933,903.00
99%	37,730.00
95%	18,165.00
90%	11,910.00
75% Q3	6,018.00
50% Median	3,080.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

**HCUP Summary Statistics Report: NEDS 2020 Core File  
Univariates of Selected Continuous Data Elements**

**Variable: TOTCHG\_ED (Total charge for ED services)**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1,608.00
10%	864.00
5%	590.00
1%	294.00
0% Min	100.00

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
	1,377,445	4.91	96.19
C	54,565	0.19	3.81
Total	1,432,010	5.11	100.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***