#### HCUP Summary Statistics Report: NEDS 2019 Core File Means of Continuous Data Elements

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
AGE: Age in years at admission	33,145,373	1,878	0.00	90.00	41.80	24.54
AMONTH : Admission month	29,758,914	3,388,337	1.00	12.00	6.50	3.45
AWEEKEND : Admission day is a weekend	33,145,833	1,418	0.00	1.00	0.27	0.45
DIED_VISIT : Died in the ED (1), Died in the hospital (2), did not die (0)	33,128,215	19,036	0.00	2.00	0.01	0.13
DISCWT: Weight to ED Visits in AHA universe	33,147,251	0	0.73	14.87	4.33	1.21
DISP_ED: Disposition of patient (uniform) from ED	33,147,251	0	1.00	99.00	2.41	3.69
DQTR : Discharge quarter	33,081,021	66,230	1.00	4.00	2.50	1.12
EDEVENT : Type of ED Event	33,147,251	0	1.00	99.00	1.24	2.30
FEMALE : Indicator of sex	33,144,554	2,697	0.00	1.00	0.55	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)	33,147,251	0	0.00	2.00	0.21	0.45
I10_INJURY_CUT : Mechanism of injury: cut or pierce	33,147,251	0	0.00	1.00	0.01	0.11
I10_INJURY_DROWN : Mechanism of injury: drowning or submersion	33,147,251	0	0.00	1.00	0.00	0.01
I10_INJURY_FALL: Mechanism of injury: fall	33,147,251	0	0.00	1.00	0.06	0.23
I10_INJURY_FIRE : Mechanism of injury: fire, flame, hot object, or hot substance	33,147,251	0	0.00	1.00	0.00	0.05
I10_INJURY_FIREARM: Mechanism of injury: firearm	33,147,251	0	0.00	1.00	0.00	0.03
I10_INJURY_MACHINERY : Mechanism of injury: machinery	33,147,251	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	33,147,251	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	33,147,251	0	0.00	1.00	0.01	0.09

(Continued)

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Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
I10_INJURY_OVEREXERTION : Mechanism of injury: overexertion	33,147,251	0	0.00	1.00	0.01	0.10
I10_INJURY_POISON : Mechanism of injury: poisoning, including drugs and nondrugs	33,147,251	0	0.00	1.00	0.01	0.09
I10_INJURY_STRUCK: Mechanism of injury: struck by or against	33,147,251	0	0.00	1.00	0.03	0.16
I10_INJURY_SUFFOCATION: Mechanism of injury: suffocation	33,147,251	0	0.00	1.00	0.00	0.02
I10_INTENT_ASSAULT : Intent of injury: assault	33,147,251	0	0.00	1.00	0.01	0.09
I10_INTENT_SELF_HARM: Intent of injury: intentional self-harm	33,147,251	0	0.00	1.00	0.00	0.06
I10_INTENT_UNINTENTIONAL : Intent of injury: unintentional	33,147,251	0	0.00	1.00	0.16	0.37
I10_MULTINJURY : Multiple ICD-10-CM injuries reported on record	33,147,251	0	0.00	1.00	0.05	0.22
I10_NDX: ICD-10-CM Number of diagnoses on this record	33,147,251	0	0.00	35.00	5.79	5.62
NEDS_STRATUM : Stratum used to sample hospital	33,147,251	0	10101.00	43420.00	27474.45	10127.16
PAY1 : Primary expected payer (uniform)	33,101,751	45,500	1.00	6.00	2.45	1.22
PAY2 : Secondary expected payer (uniform)	7,403,156	25,744,095	1.00	6.00	3.06	1.24
PL_NCHS : Patient Location: NCHS Urban-Rural Code	32,926,694	220,557	1.00	6.00	2.69	1.53
RACE : Race (uniform)	32,365,625	781,626	1.00	6.00	1.82	1.19
TOTCHG_ED: Total charge for ED services	31,660,670	1,486,581	100.00	947956.00	4858.17	7298.00
YEAR : Calendar year	33,147,251	0	2019.00	2019.00	2019.00	0.00
ZIPINC_QRTL : Median household income national quartile for patient ZIP Code	32,561,643	585,608	1.00	4.00	2.20	1.10

AGE	Frequency	Percent
.: Missing	1,482	0.00
.A: Invalid	<= 10	*.**
.C: Inconsistent	393	0.00
0	705,899	2.13
1	563,130	1.70
2	604,917	1.82
3	346,310	1.04
4	302,940	0.91
5	285,680	0.86
6	255,750	0.77
7	363,148	1.10
8	212,060	0.64
9	208,319	0.63
10	209,792	0.63
11	209,355	0.63
12	333,044	1.00
13	216,893	0.65
14	229,297	0.69
15	247,209	0.75
16	356,268	1.07
17	293,753	0.89
18	370,184	1.12
19	487,763	1.47
20	410,610	1.24
21	419,795	1.27
22	658,730	1.99
23	415,332	1.25
24	424,943	1.28
25	437,367	1.32
26	445,674	1.34
27	720,201	2.17

AGE	Frequency	Percent
28	468,975	1.41
29	465,374	1.40
30	453,615	1.37
31	440,658	1.33
32	671,235	2.03
33	417,561	1.26
34	409,788	1.24
35	399,833	1.21
36	399,265	1.20
37	625,024	1.89
38	390,676	1.18
39	384,680	1.16
40	370,788	1.12
41	353,691	1.07
42	546,832	1.65
43	328,037	0.99
44	328,998	0.99
45	322,810	0.97
46	328,091	0.99
47	545,726	1.65
48	362,758	1.09
49	361,008	1.09
50	352,373	1.06
51	350,864	1.06
52	551,688	1.66
53	363,963	1.10
54	377,207	1.14
55	385,297	1.16
56	386,349	1.17
57	589,042	1.78
58	383,487	1.16

AGE	Frequency	Percent
59	375,579	1.13
60	366,509	1.11
61	359,137	1.08
62	538,283	1.62
63	336,170	1.01
64	325,969	0.98
65	325,172	0.98
66	311,723	0.94
67	470,442	1.42
68	294,512	0.89
69	289,511	0.87
70	289,194	0.87
71	294,769	0.89
72	454,402	1.37
73	247,484	0.75
74	243,774	0.74
75	248,880	0.75
76	259,170	0.78
77	360,546	1.09
78	223,310	0.67
79	212,955	0.64
80	207,670	0.63
81	203,626	0.61
82	289,417	0.87
83	184,592	0.56
84	177,501	0.54
85	161,913	0.49
86	154,979	0.47
87	215,137	0.65
88	137,626	0.42

AGE	Frequency	Percent
89	125,485	0.38
90 or older	609,880	1.84

AMONTH	Frequency	Percent
. : Missing	3,388,337	10.22
1 : January	2,506,101	7.56
2 : February	2,341,587	7.06
3: March	2,607,304	7.87
4 : April	2,463,359	7.43
5 : May	2,543,594	7.67
6 : June	2,410,777	7.27
7 : July	2,513,891	7.58
8 : August	2,482,906	7.49
9 : September	2,477,102	7.47
10 : October	2,457,985	7.42
11 : November	2,374,326	7.16
12 : December	2,579,982	7.78

AWEEKEND	Frequency	Percent
. : Missing	1,415	0.00
.A: Invalid	<= 10	*.**
0 : Monday-Friday	24,066,831	72.61
1 : Saturday-Sunday	9,079,002	27.39

DIED_VISIT	Frequency	Percent
.: Missing	19,036	0.06
0: Did not die	32,962,125	99.44
1: Died in the ED	46,326	0.14
2: Died in the hospital	119,764	0.36

DISCWT	Frequency	Percent
Non-blank	33,147,251	100.00

DISP_ED	Frequency	Percent
1: Routine	26,672,839	80.47
2: Transfer: short-term hospital	558,855	1.69
5: Transfer: other type of facility	483,559	1.46
6: Home health care	81,610	0.25
7: Against medical advice	542,925	1.64
9: Admitted as an inpatient to this hospital	4,743,410	14.31
20: Died in ED	46,326	0.14
98: Not admitted to this hospital, destination unknown	17,427	0.05
99: Discharged alive, destination unknown	300	0.00

DQTR	Frequency	Percent
.: Missing	66,230	0.20
1: First quarter	8,298,690	25.04
2: Second quarter	8,243,816	24.87
3: Third quarter	8,277,820	24.97
4: Fourth quarter	8,260,695	24.92

EDEVENT	Frequency	Percent
1: ED visit in which the patient is treated and released	27,780,933	83.81
2: ED visit in which the patient is admitted to this same hospital	4,743,410	14.31
3: ED visit in which the patient is transferred to another short-term hospital	558,855	1.69
9: ED visit in which the patient died in the ED	46,326	0.14
98: ED visit in which patient is not admitted to this same hospital, destination unknown	17,427	0.05
99: ED visit in which the patient is discharged alive, destination unknown	300	0.00

FEMALE	Frequency	Percent
. : Missing	1,669	0.01
.A: Invalid	42	0.00
.C: Inconsistent	986	0.00
0 : Male	14,911,869	44.99
1 : Female	18,232,685	55.01

HCUPFILE	Frequency	Percent
SEDD	28,403,841	85.69
SID	4,743,410	14.31

I10_DX1	Frequency	Percent
Blank	11,385	0.03
Valid DX	33,133,242	99.96
Inconsistent DX (incn)	366	0.00
Invalid DX (invl)	2,258	0.01

I10_INJURY	Frequency	Percent
0: No injury	26,837,038	80.96
1: Injury in the first-listed diagnosis	5,644,785	17.03
2: Injury in the diagnoses other than first-listed	665,428	2.01

I10_MULTINJURY	Frequency	Percent
0: One or no injury diagnosis reported	31,392,205	94.71
1: More than one injury diagnosis reported, regardless of position	1,755,046	5.29

I10_NDX	Frequency	Percent
0	9,957	0.03
1	5,108,553	15.41
2	5,494,923	16.58
3	4,660,991	14.06
4	3,637,917	10.98
5	2,762,168	8.33
6	2,029,854	6.12
7	1,515,511	4.57
8	1,175,188	3.55
9	956,645	2.89
10	858,999	2.59
11	630,017	1.90
12	528,731	1.60
13	451,896	1.36
14	392,462	1.18
15	408,953	1.23
16	318,755	0.96
17	281,261	0.85
18	299,090	0.90
19	210,554	0.64
20	192,368	0.58
21	162,155	0.49
22	138,216	0.42
23	124,592	0.38
24	164,317	0.50
25	312,775	0.94
26	80,031	0.24
27	54,293	0.16
28	30,725	0.09
29	23,973	0.07
30	53,454	0.16

I10_NDX	Frequency	Percent
31	23,507	0.07
32	12,086	0.04
33	10,301	0.03
34	6,560	0.02
35	25,473	0.08

PAY1	Frequency	Percent
. : Missing	43,358	0.13
.A: Invalid	2,142	0.01
1 : Medicare	8,159,515	24.62
2 : Medicaid	10,122,377	30.54
3 : Private insurance	9,278,546	27.99
4 : Self-pay	4,094,674	12.35
5 : No charge	168,810	0.51
6 : Other	1,277,829	3.86

PAY2	Frequency	Percent
. : Missing	25,727,735	77.62
.A: Invalid	16,360	0.05
1 : Medicare	601,107	1.81
2 : Medicaid	2,083,858	6.29
3 : Private insurance	2,069,202	6.24
4 : Self-pay	2,060,624	6.22
5 : No charge	78,389	0.24
6 : Other	509,976	1.54

RACE	Frequency	Percent
. : Missing	781,432	2.36
.A: Invalid	194	0.00
1 : White	18,063,933	54.50
2 : Black	6,831,750	20.61
3 : Hispanic	5,404,397	16.30
4 : Asian/Pacific Islander	695,689	2.10
5 : Native American	176,122	0.53
6 : Other	1,193,734	3.60

TOTCHG_ED	Frequency	Percent
.: Missing	1,394,018	4.21
.A: Invalid	<= 10	*.**
.C: Inconsistent	92,561	0.28
\$100- \$1,000	5,056,294	15.25
\$1,001-\$5,000	17,928,740	54.09
\$5,001-\$10,000	5,210,050	15.72
\$10,001-\$50,000	3,352,025	10.11
\$50,001-\$75,000	79,282	0.24
Over \$75,000	34,279	0.10

YEAR	Frequency	Percent
2019	33,147,251	100.00

ZIPINC_QRTL	Frequency	Percent
. : Missing	582,650	1.76
.A: Invalid	2,958	0.01
1 : First quartile	11,485,666	34.65
2 : Second quartile	8,499,357	25.64
3 : Third quartile	7,130,695	21.51
4 : Fourth quartile	5,445,925	16.43

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

	Moments			
N	33147251	Sum Weights	33147251	
Mean	4.32712456	Sum Observations	143432284	
<b>Std Deviation</b>	1.20846351	Variance	1.46038406	
Skewness	0.10113712	Kurtosis	3.3264942	
<b>Uncorrected SS</b>	669057075	Corrected SS	48407715.7	
Coeff Variation	27.9276341	Std Error Mean	0.0002099	

	Basic Statistical Measures			
Location		Variability		
Mean	4.327125	Std Deviation	1.20846	
Median	4.351207	Variance	1.46038	
Mode	4.480190	Range	14.13347	
		Interquartile Range	1.25655	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t 20615.3		Pr >  t	<.0001
Sign	M	16573626	Pr >=  M	<.0001
Signed Rank	S	2.747E14	Pr >=  S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	14.867516	
99%	7.189664	
95%	6.276633	
90%	5.622691	
<b>75% Q3</b> 5.02824		
50% Median	4.351207	

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

Quantiles (Definition 5)		
Level	Quantile	
25% Q1	3.771693	
10%	2.969350	
5%	2.125562	
<b>1%</b> 1.023979		
<b>0% Min</b> 0.734045		

Variable: AGE (Age in years at admission)

	Moments			
N	33145373	Sum Weights	33145373	
Mean	41.7975455	Sum Observations	1385395237	
<b>Std Deviation</b>	24.5421595	Variance	602.317594	
Skewness	0.10976529	Kurtosis	-0.9582575	
Uncorrected SS	7.78702E10	Corrected SS	1.9964E10	
Coeff Variation	58.7167481	Std Error Mean	0.00426286	

	Basic Statistical Measures			
Loca	ation	Variability		
Mean	41.79755	Std Deviation	24.54216	
Median	40.00000	Variance	602.31759	
Mode	27.00000	Range	90.00000	
		Interquartile Range	39.00000	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t 9805.042		Pr >  t	<.0001
Sign	M	16219737	Pr >=  M	<.0001
Signed Rank	S	2.631E14	Pr >=  S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	90	
99%	90	
95%	83	
90%	76	
75% Q3	61	
50% Median	40	

Variable: AGE (Age in years at admission)

Quantiles (Definition 5)		
Level Quantile		
25% Q1	22	
10%	7	
5%	2	
1%	0	
0% Min	0	

Missing Values			
		Percent Of	
Missing Value	Count	All Obs	Missing Obs
	1482	0.00	78.91
A	3	0.00	0.16
С	393	0.00	20.93
Total	1878	0.01	100.00

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

Moments				
N	31660670	Sum Weights	31660670	
Mean	4858.17458	<b>Sum Observations</b>	1.53813E11	
<b>Std Deviation</b>	7297.99747	Variance	53260767	
Skewness	8.2304312	Kurtosis	234.755144	
Uncorrected SS	2.43352E15	Corrected SS	1.68627E15	
Coeff Variation	150.22098	Std Error Mean	1.297011	

Basic Statistical Measures			
Location Variability			
Mean	4858.175	Std Deviation	7298
Median	2720.000	Variance	53260767
Mode	4620.000	Range	947856
		Interquartile Range	4028

Tests for Location: Mu0=0					
Test	Statistic		p Value		
Student's t	t	3745.67	Pr >  t	<.0001	
Sign	M	15830335	Pr >=  M	<.0001	
Signed Rank	S	2.506E14	Pr >=  S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	947956.0	
99%	34052.0	
95%	16148.3	
90%	10605.0	
75% Q3	5417.0	
50% Median	2720.0	

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

Quantiles (Definition 5)		
Level	Quantile	
25% Q1	1389.0	
10%	744.0	
5%	506.0	
1%	263.0	
0% Min	100.0	

Missing Values			
		Percent Of	
Missing Value	Count	All Obs	Missing Obs
	1394018	4.21	93.77
A	2	0.00	0.00
С	92561	0.28	6.23
Total	1486581	4.48	100.00