

HCUP Summary Statistics Report: NEDS 2018 Core File
Means of Continuous Data Elements

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
AGE : Age in years at admission	35,807,507	443	0.00	90.00	40.77	24.72
AMONTH : Admission month	32,510,784	3,297,166	1.00	12.00	6.45	3.47
AWEEKEND : Admission day is a weekend	35,807,758	192	0.00	1.00	0.27	0.45
DIED_VISIT : Died in the ED (1), Died in the hospital (2), did not die (0)	35,772,586	35,364	0.00	2.00	0.01	0.13
DISCWT : Weight to ED Visits in AHA universe	35,807,950	0	0.74	10.35	4.01	1.20
DISP_ED : Disposition of patient (uniform) from ED	35,807,950	0	1.00	99.00	2.43	4.14
DQTR : Discharge quarter	35,722,146	85,804	1.00	4.00	2.49	1.12
EDEVENT : Type of ED Event	35,807,950	0	1.00	99.00	1.27	2.99
FEMALE : Indicator of sex	35,805,949	2,001	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)	35,807,950	0	0.00	2.00	0.21	0.45
I10_INJURY_CUT : Mechanism of injury: cut or pierce	35,807,950	0	0.00	1.00	0.01	0.11
I10_INJURY_DROWN : Mechanism of injury: drowning or submersion	35,807,950	0	0.00	1.00	0.00	0.01
I10_INJURY_FALL : Mechanism of injury: fall	35,807,950	0	0.00	1.00	0.06	0.23
I10_INJURY_FIRE : Mechanism of injury: fire, flame, hot object, or hot substance	35,807,950	0	0.00	1.00	0.00	0.05
I10_INJURY_FIREARM : Mechanism of injury: firearm	35,807,950	0	0.00	1.00	0.00	0.02
I10_INJURY_MACHINERY : Mechanism of injury: machinery	35,807,950	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	35,807,950	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	35,807,950	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	35,807,950	0	0.00	1.00	0.01	0.10
I10_INJURY_POISON : Mechanism of injury: poisoning, including drugs and nondrugs	35,807,950	0	0.00	1.00	0.01	0.09
I10_INJURY_STRUCK : Mechanism of injury: struck by or against	35,807,950	0	0.00	1.00	0.03	0.16
I10_INJURY_SUFFOCATION : Mechanism of injury: suffocation	35,807,950	0	0.00	1.00	0.00	0.02
I10_INTENT_ASSAULT : Intent of injury: assault	35,807,950	0	0.00	1.00	0.01	0.09
I10_INTENT_SELF_HARM : Intent of injury: intentional self-harm	35,807,950	0	0.00	1.00	0.00	0.06
I10_INTENT_UNINTENTIONAL : Intent of injury: unintentional	35,807,950	0	0.00	1.00	0.16	0.37
I10_MULTINJURY : Multiple ICD-10-CM injuries reported on record	35,807,950	0	0.00	1.00	0.05	0.22
I10_NDX : ICD-10-CM Number of diagnoses on this record	35,807,950	0	0.00	35.00	5.52	5.40
NEDS_STRATUM : Stratum used to sample hospital	35,807,950	0	10101.00	43922.00	27516.75	10026.59
PAY1 : Primary expected payer (uniform)	35,781,188	26,762	1.00	6.00	2.43	1.19
PAY2 : Secondary expected payer (uniform)	7,167,926	28,640,024	1.00	6.00	3.05	1.20
PL_NCHS : Patient Location: NCHS Urban-Rural Code	35,580,739	227,211	1.00	6.00	2.56	1.53
TOTCHG_ED : Total charge for ED services	29,952,766	5,855,184	100.00	929746.00	4240.37	6301.17
YEAR : Calendar year	35,807,950	0	2018.00	2018.00	2018.00	0.00
ZIPINC_QRTL : Median household income national quartile for patient ZIP Code	35,190,351	617,599	1.00	4.00	2.18	1.10

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for AGE***

AGE	Frequency	Percent
.: Missing	162	0.00
.A: Invalid	<= 10	*.**
.C: Inconsistent	280	0.00
0	863,298	2.41
1	682,741	1.91
2	743,370	2.08
3	409,441	1.14
4	350,191	0.98
5	331,775	0.93
6	294,836	0.82
7	431,932	1.21
8	249,266	0.70
9	247,860	0.69
10	246,872	0.69
11	240,319	0.67
12	384,558	1.07
13	241,797	0.68
14	260,629	0.73
15	279,036	0.78
16	413,839	1.16
17	334,293	0.93
18	396,951	1.11
19	529,714	1.48
20	439,741	1.23
21	448,366	1.25
22	729,921	2.04
23	460,633	1.29
24	473,734	1.32
25	486,219	1.36
26	494,023	1.38
27	804,277	2.25

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for AGE***

AGE	Frequency	Percent
28	505,993	1.41
29	492,143	1.37
30	477,180	1.33
31	459,419	1.28
32	724,507	2.02
33	444,342	1.24
34	429,209	1.20
35	429,884	1.20
36	426,239	1.19
37	674,324	1.88
38	412,843	1.15
39	396,004	1.11
40	383,504	1.07
41	370,398	1.03
42	573,229	1.60
43	349,957	0.98
44	345,495	0.96
45	351,156	0.98
46	366,509	1.02
47	611,489	1.71
48	382,488	1.07
49	373,640	1.04
50	370,194	1.03
51	376,410	1.05
52	607,735	1.70
53	399,679	1.12
54	408,523	1.14
55	407,964	1.14
56	405,690	1.13
57	628,676	1.76
58	395,316	1.10

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for AGE***

AGE	Frequency	Percent
59	386,042	1.08
60	377,787	1.06
61	371,821	1.04
62	553,762	1.55
63	343,113	0.96
64	330,097	0.92
65	328,261	0.92
66	318,945	0.89
67	482,646	1.35
68	303,194	0.85
69	303,279	0.85
70	306,057	0.85
71	317,627	0.89
72	408,839	1.14
73	253,882	0.71
74	260,054	0.73
75	270,502	0.76
76	248,653	0.69
77	355,149	0.99
78	226,731	0.63
79	221,959	0.62
80	216,364	0.60
81	205,044	0.57
82	297,784	0.83
83	194,708	0.54
84	180,027	0.50
85	175,061	0.49
86	166,950	0.47
87	229,653	0.64
88	148,229	0.41

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for AGE***

AGE	Frequency	Percent
89	132,320	0.37
90 or older	643,196	1.80

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for AMONTH***

AMONTH	Frequency	Percent
. : Missing	3,297,166	9.21
1 : January	2,958,575	8.26
2 : February	2,653,464	7.41
3 : March	2,719,533	7.59
4 : April	2,623,648	7.33
5 : May	2,768,457	7.73
6 : June	2,622,187	7.32
7 : July	2,732,375	7.63
8 : August	2,733,925	7.63
9 : September	2,679,310	7.48
10 : October	2,702,886	7.55
11 : November	2,579,288	7.20
12 : December	2,737,136	7.64

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for A WEEKEND***

A WEEKEND	Frequency	Percent
. : Missing	192	0.00
0 : Monday-Friday	25,992,819	72.59
1 : Saturday-Sunday	9,814,939	27.41

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for DIED_VISIT***

DIED_VISIT	Frequency	Percent
.: Missing	35,364	0.10
0: Did not die	35,595,297	99.41
1: Died in the ED	47,070	0.13
2: Died in the hospital	130,219	0.36

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for DISCWT***

DISCWT	Frequency	Percent
Non-blank	35,807,950	100.00

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for DISP_ED***

DISP_ED	Frequency	Percent
1: Routine	28,972,421	80.91
2: Transfer: short-term hospital	524,089	1.46
5: Transfer: other type of facility	509,181	1.42
6: Home health care	90,256	0.25
7: Against medical advice	540,457	1.51
9: Admitted as an inpatient to this hospital	5,091,286	14.22
20: Died in ED	47,070	0.13
98: Not admitted to this hospital, destination unknown	32,950	0.09
99: Discharged alive, destination unknown	240	0.00

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for DQTR***

DQTR	Frequency	Percent
.: Missing	85,804	0.24
1: First quarter	9,204,443	25.71
2: Second quarter	8,799,200	24.57
3: Third quarter	8,907,148	24.87
4: Fourth quarter	8,811,355	24.61

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for EDEVENT***

EDEVENT	Frequency	Percent
1: ED visit in which the patient is treated and released	30,112,315	84.09
2: ED visit in which the patient is admitted to this same hospital	5,091,286	14.22
3: ED visit in which the patient is transferred to another short-term hospital	524,089	1.46
9: ED visit in which the patient died in the ED	47,070	0.13
98: ED visit in which patient is not admitted to this same hospital, destination unknown	32,950	0.09
99: ED visit in which the patient is discharged alive, destination unknown	240	0.00

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for FEMALE***

FEMALE	Frequency	Percent
. : Missing	1,405	0.00
.A: Invalid	30	0.00
.C: Inconsistent	566	0.00
0 : Male	16,000,954	44.69
1 : Female	19,804,995	55.31

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for HCUPFILE***

HCUPFILE	Frequency	Percent
SEDD	30,716,664	85.78
SID	5,091,286	14.22

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for I10_DX1***

I10_DX1	Frequency	Percent
Blank	10,459	0.03
Valid DX	35,796,602	99.97
Inconsistent DX (incn)	292	0.00
Invalid DX (invl)	597	0.00

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for I10_INJURY***

I10_INJURY	Frequency	Percent
0: No injury	28,979,251	80.93
1: Injury in the first-listed diagnosis	6,109,303	17.06
2: Injury in the diagnoses other than first-listed	719,396	2.01

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for I10_MULTINJURY***

I10_MULTINJURY	Frequency	Percent
0: One or no injury diagnosis reported	33,939,509	94.78
1: More than one injury diagnosis reported, regardless of position	1,868,441	5.22

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for I10_NDX***

I10_NDX	Frequency	Percent
0	8,960	0.03
1	6,032,644	16.85
2	6,198,429	17.31
3	5,089,890	14.21
4	3,887,186	10.86
5	2,924,895	8.17
6	2,118,129	5.92
7	1,570,660	4.39
8	1,206,368	3.37
9	976,386	2.73
10	840,409	2.35
11	647,665	1.81
12	552,131	1.54
13	473,339	1.32
14	407,414	1.14
15	422,973	1.18
16	325,563	0.91
17	283,554	0.79
18	293,530	0.82
19	211,658	0.59
20	188,817	0.53
21	162,819	0.45
22	136,447	0.38
23	120,150	0.34
24	155,227	0.43
25	299,342	0.84
26	74,589	0.21
27	47,945	0.13
28	27,053	0.08
29	19,992	0.06
30	44,268	0.12

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for I10_NDX***

I10_NDX	Frequency	Percent
31	19,533	0.05
32	9,012	0.03
33	6,211	0.02
34	4,618	0.01
35	20,144	0.06

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for PAY1***

PAY1	Frequency	Percent
. : Missing	25,016	0.07
.A: Invalid	1,746	0.00
1 : Medicare	8,513,646	23.78
2 : Medicaid	11,692,538	32.65
3 : Private insurance	9,826,701	27.44
4 : Self-pay	4,335,771	12.11
5 : No charge	125,217	0.35
6 : Other	1,287,315	3.60

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for PAY2***

PAY2	Frequency	Percent
. : Missing	28,639,551	79.98
.A: Invalid	473	0.00
1 : Medicare	578,060	1.61
2 : Medicaid	1,948,328	5.44
3 : Private insurance	2,069,827	5.78
4 : Self-pay	2,062,418	5.76
5 : No charge	125,553	0.35
6 : Other	383,740	1.07

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for TOTCHG_ED***

TOTCHG_ED	Frequency	Percent
.: Missing	5,784,306	16.15
.A: Invalid	<= 10	*.**
.C: Inconsistent	70,877	0.20
\$100- \$1,000	5,480,907	15.31
\$1,001- \$5,000	17,532,055	48.96
\$5,001-\$10,000	4,318,906	12.06
\$10,001-\$50,000	2,553,083	7.13
\$50,001-\$75,000	49,572	0.14
Over \$75,000	18,243	0.05

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for YEAR***

YEAR	Frequency	Percent
2018	35,807,950	100.00

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Frequency Distribution for ZIPINC_QRTL***

ZIPINC_QRTL	Frequency	Percent
. : Missing	614,237	1.72
.A: Invalid	3,362	0.01
1 : First quartile	12,684,555	35.42
2 : Second quartile	9,457,089	26.41
3 : Third quartile	7,193,967	20.09
4 : Fourth quartile	5,854,740	16.35

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**HCUP Summary Statistics Report: NEDS 2018 Core File
Univariates of Selected Continuous Data Elements**

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

Moments			
N	35807950	Sum Weights	35807950
Mean	4.00621733	Sum Observations	143454430
Std Deviation	1.20341094	Variance	1.4481979
Skewness	0.18980055	Kurtosis	2.05665475
Uncorrected SS	626566621	Corrected SS	51856996.5
Coeff Variation	30.0385836	Std Error Mean	0.00020111

Basic Statistical Measures			
Location		Variability	
Mean	4.006217	Std Deviation	1.20341
Median	3.975660	Variance	1.44820
Mode	3.517820	Range	9.60770
		Interquartile Range	1.33851

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	19920.96	Pr > t	<.0001
Sign	M	17903975	Pr >= M	<.0001
Signed Rank	S	3.206E14	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	10.348774
99%	7.389832
95%	5.760790
90%	5.292064
75% Q3	4.752086
50% Median	3.975660

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Univariates of Selected Continuous Data Elements***

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

Quantiles (Definition 5)	
Level	Quantile
25% Q1	3.413578
10%	2.781844
5%	1.612550
1%	0.984406
0% Min	0.741073

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**HCUP Summary Statistics Report: NEDS 2018 Core File
Univariates of Selected Continuous Data Elements**

Variable: AGE (Age in years at admission)

Moments			
N	35807507	Sum Weights	35807507
Mean	40.7707736	Sum Observations	1459899761
Std Deviation	24.7177362	Variance	610.966484
Skewness	0.14826703	Kurtosis	-0.9558808
Uncorrected SS	8.13984E10	Corrected SS	2.18772E10
Coeff Variation	60.6261153	Std Error Mean	0.00413068

Basic Statistical Measures			
Location		Variability	
Mean	40.77077	Std Deviation	24.71774
Median	39.00000	Variance	610.96648
Mode	0.00000	Range	90.00000
		Interquartile Range	38.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	9870.231	Pr > t	<.0001
Sign	M	17472105	Pr >= M	<.0001
Signed Rank	S	3.053E14	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	90
99%	90
95%	83
90%	76
75% Q3	60
50% Median	39

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**HCUP Summary Statistics Report: NEDS 2018 Core File
Univariates of Selected Continuous Data Elements**

Variable: AGE (Age in years at admission)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	22
10%	6
5%	2
1%	0
0% Min	0

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
	162	0.00	36.57
A	1	0.00	0.23
C	280	0.00	63.21
Total	443	0.00	100.00

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**HCUP Summary Statistics Report: NEDS 2018 Core File
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Variable: TOTCHG_ED (Total charge for ED services)

Moments			
N	29952766	Sum Weights	29952766
Mean	4240.37426	Sum Observations	1.27011E11
Std Deviation	6301.17122	Variance	39704758.8
Skewness	8.82034632	Kurtosis	336.983887
Uncorrected SS	1.72784E15	Corrected SS	1.18927E15
Coeff Variation	148.599412	Std Error Mean	1.15133793

Basic Statistical Measures			
Location		Variability	
Mean	4240.374	Std Deviation	6301
Median	2413.000	Variance	39704759
Mode	2616.000	Range	929646
		Interquartile Range	3437

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	3682.997	Pr > t	<.0001
Sign	M	14976383	Pr >= M	<.0001
Signed Rank	S	2.243E14	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	929746
99%	29875
95%	14125
90%	9166
75% Q3	4694
50% Median	2413

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***HCUP Summary Statistics Report: NEDS 2018 Core File
Univariates of Selected Continuous Data Elements***

Variable: TOTCHG_ED (Total charge for ED services)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1257
10%	662
5%	454
1%	219
0% Min	100

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
	5784306	16.15	98.79
A	1	0.00	0.00
C	70877	0.20	1.21
Total	5855184	16.35	100.00

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