

HCUP Summary Statistics Report: NEDS 2017 Core File
Means of Continuous Data Elements

15:18 Saturday, November 23, 2019 1

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
AGE : Age in years at admission	33,506,022	623	0.00	90.00	41.09	24.48
AMONTH : Admission month	29,323,127	4,183,518	1.00	12.00	6.48	3.46
AWEEKEND : Admission day is a weekend	33,506,450	195	0.00	1.00	0.28	0.45
DIED_VISIT : Died in the ED (1), Died in the hospital (2), did not die (0)	33,429,428	77,217	0.00	2.00	0.01	0.13
DISCWT : Weight to ED Visits in AHA universe	33,506,645	0	1.13	22.56	4.32	0.97
DISP_ED : Disposition of patient (uniform) from ED	33,506,645	0	1.00	99.00	2.52	5.25
DQTR : Discharge quarter	33,429,761	76,884	1.00	4.00	2.49	1.12
DXVER : Diagnosis Version	33,506,645	0	10.00	10.00	10.00	0.00
EDEVENT : Type of ED Event	33,506,645	0	1.00	99.00	1.38	4.44
FEMALE : Indicator of sex	33,504,831	1,814	0.00	1.00	0.56	0.50
HOSP_ED : HCUP ED hospital identifier	33,506,645	0	10001.00	40649.00	27017.50	9792.08
I10_INJURY : Injury ICD-10-CM diagnosis reported on record (1: First-listed injury; 2: Other than first-listed injury; 0: No injury)	33,506,645	0	0.00	2.00	0.22	0.46
I10_MULTINJURY : Multiple ICD-10-CM injuries reported on record	33,506,645	0	0.00	1.00	0.06	0.23
I10_NDX : ICD-10-CM Number of diagnoses on this record	33,506,645	0	0.00	35.00	5.41	5.22
NEDS_STRATUM : Stratum used to sample hospital	33,506,645	0	10100.00	48100.00	27717.47	9858.12
PAY1 : Primary expected payer (uniform)	33,430,761	75,884	1.00	6.00	2.45	1.20
PAY2 : Secondary expected payer (uniform)	6,800,634	26,706,011	1.00	6.00	3.00	1.17
PL_NCHS : Patient Location: NCHS Urban-Rural Code	33,339,130	167,515	1.00	6.00	2.62	1.55
TOTCHG_ED : Total charge for ED services	28,992,248	4,514,397	100.00	781553.00	3978.59	5889.01

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please refer to the section on Description of Data Elements.*

HCUP Summary Statistics Report: NEDS 2017 Core File
Means of Continuous Data Elements

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
YEAR : Calendar year	33,506,645	0	2017.00	2017.00	2017.00	0.00
ZIPINC_QRTL : Median household income national quartile for patient ZIP Code	32,940,527	566,118	1.00	4.00	2.20	1.09

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***HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for AGE***

AGE	Frequency	Percent
.: Missing	283	0.00
.C: Inconsistent	340	0.00
0	735,838	2.20
1	591,807	1.77
2	640,684	1.91
3	352,939	1.05
4	304,633	0.91
5	288,469	0.86
6	259,680	0.78
7	381,511	1.14
8	230,312	0.69
9	230,515	0.69
10	225,786	0.67
11	212,801	0.64
12	340,854	1.02
13	224,697	0.67
14	240,179	0.72
15	263,205	0.79
16	390,566	1.17
17	315,756	0.94
18	381,066	1.14
19	501,162	1.50
20	416,469	1.24
21	428,244	1.28
22	699,501	2.09
23	448,053	1.34
24	459,662	1.37
25	474,748	1.42
26	480,956	1.44
27	766,946	2.29
28	471,451	1.41

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for AGE

AGE	Frequency	Percent
29	456,612	1.36
30	442,457	1.32
31	436,931	1.30
32	690,423	2.06
33	417,842	1.25
34	417,580	1.25
35	413,958	1.24
36	409,740	1.22
37	643,316	1.92
38	383,539	1.14
39	369,334	1.10
40	357,432	1.07
41	340,288	1.02
42	548,760	1.64
43	332,817	0.99
44	338,286	1.01
45	350,806	1.05
46	370,050	1.10
47	582,375	1.74
48	356,695	1.06
49	350,243	1.05
50	359,482	1.07
51	366,729	1.09
52	598,594	1.79
53	391,954	1.17
54	390,788	1.17
55	386,673	1.15
56	385,104	1.15
57	593,227	1.77
58	365,811	1.09
59	358,957	1.07

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for AGE

AGE	Frequency	Percent
60	353,317	1.05
61	337,376	1.01
62	516,114	1.54
63	312,668	0.93
64	300,317	0.90
65	299,852	0.89
66	288,771	0.86
67	457,083	1.36
68	282,784	0.84
69	287,436	0.86
70	297,861	0.89
71	242,420	0.72
72	388,673	1.16
73	245,157	0.73
74	255,739	0.76
75	235,083	0.70
76	222,523	0.66
77	337,305	1.01
78	211,105	0.63
79	208,069	0.62
80	198,168	0.59
81	193,587	0.58
82	293,219	0.88
83	177,504	0.53
84	172,721	0.52
85	166,475	0.50
86	160,051	0.48
87	226,437	0.68
88	138,613	0.41
89	127,323	0.38
90 or older	606,978	1.81

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***HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for AMONTH***

AMONTH	Frequency	Percent
.: Missing	4,183,518	12.49
1: January	2,544,828	7.59
2: February	2,337,814	6.98
3: March	2,523,978	7.53
4: April	2,426,998	7.24
5: May	2,514,134	7.50
6: June	2,368,710	7.07
7: July	2,459,951	7.34
8: August	2,444,464	7.30
9: September	2,414,902	7.21
10: October	2,438,521	7.28
11: November	2,359,744	7.04
12: December	2,489,083	7.43

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for A WEEKEND

A WEEKEND	Frequency	Percent
.: Missing	195	0.00
0: Monday-Friday	24,212,934	72.26
1: Saturday-Sunday	9,293,516	27.74

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for DIED_VISIT

DIED_VISIT	Frequency	Percent
.: Missing	77,217	0.23
0: Did not die	33,260,716	99.27
1: Died in the ED	47,140	0.14
2: Died in the hospital	121,572	0.36

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for DISCWT

DISCWT	Frequency	Percent
Non-blank	33,506,645	100.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for DISP_ED

DISP_ED	Frequency	Percent
1: Routine	27,128,947	80.97
2: Transfer: short-term hospital	516,031	1.54
5: Transfer: other type of facility	449,277	1.34
6: Home health care	74,996	0.22
7: Against medical advice	517,095	1.54
9: Admitted as an inpatient to this hospital	4,703,634	14.04
20: Died in ED	47,140	0.14
98: Not admitted to this hospital, destination unknown	69,260	0.21
99: Discharged alive, destination unknown	265	0.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for DQTR

DQTR	Frequency	Percent
.: Missing	76,884	0.23
1: First quarter	8,471,105	25.28
2: Second quarter	8,330,453	24.86
3: Third quarter	8,310,216	24.80
4: Fourth quarter	8,317,987	24.82

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for DXVER

DXVER	Frequency	Percent
10: ICD-10-CM diagnoses	33,506,645	100.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for EDEVENT

EDEVENT	Frequency	Percent
1: ED visit in which the patient is treated and released	28,170,315	84.07
2: ED visit in which the patient is admitted to this same hospital	4,703,634	14.04
3: ED visit in which the patient is transferred to another short-term hospital	516,031	1.54
9: ED visit in which the patient died in the ED	47,140	0.14
98: ED visit in which patient is not admitted to this same hospital, destination unknown	69,260	0.21
99: ED visit in which the patient is discharged alive, destination unknown	265	0.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for FEMALE

FEMALE	Frequency	Percent
.: Missing	1,177	0.00
.A: Invalid	<= 10	*.**
.C: Inconsistent	635	0.00
0: Male	14,905,926	44.49
1: Female	18,598,905	55.51

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for HCUPFILE

HCUPFILE	Frequency	Percent
SEDD	28,803,011	85.96
SID	4,703,634	14.04

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for I10_DX1

I10_DX1	Frequency	Percent
Blank	13,618	0.04
Valid DX	33,492,635	99.96
Inconsistent DX (incn)	183	0.00
Invalid DX (invl)	209	0.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for I10_INJURY

I10_INJURY	Frequency	Percent
0: No injury	26,866,201	80.18
1: Injury in the first-listed diagnosis	5,975,247	17.83
2: Injury in the diagnoses other than first-listed	665,197	1.99

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for I10_MULTINJURY

I10_MULTINJURY	Frequency	Percent
0: One or no injury diagnosis reported	31,579,264	94.25
1: More than one injury diagnosis reported, regardless of position	1,927,381	5.75

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for I10_NDX

I10_NDX	Frequency	Percent
0	10,133	0.03
1	5,630,101	16.80
2	5,811,386	17.34
3	4,851,593	14.48
4	3,708,380	11.07
5	2,773,986	8.28
6	1,995,987	5.96
7	1,474,510	4.40
8	1,127,643	3.37
9	910,724	2.72
10	815,933	2.44
11	603,258	1.80
12	508,386	1.52
13	430,141	1.28
14	370,700	1.11
15	377,048	1.13
16	297,126	0.89
17	245,634	0.73
18	269,233	0.80
19	189,118	0.56
20	170,237	0.51
21	141,477	0.42
22	115,755	0.35
23	101,583	0.30
24	109,609	0.33
25	242,351	0.72
26	64,260	0.19
27	41,858	0.12
28	22,273	0.07
29	16,835	0.05
30	26,046	0.08

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for I10_NDX

I10_NDX	Frequency	Percent
31	19,573	0.06
32	8,069	0.02
33	5,660	0.02
34	3,952	0.01
35	16,087	0.05

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for PAY1

PAY1	Frequency	Percent
.: Missing	75,635	0.23
.A: Invalid	249	0.00
1: Medicare	8,016,114	23.92
2: Medicaid	10,522,944	31.41
3: Private insurance	9,452,076	28.21
4: Self-pay	4,042,236	12.06
5: No charge	149,230	0.45
6: Other	1,248,161	3.73

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for PAY2

PAY2	Frequency	Percent
.: Missing	25,915,656	77.34
.A: Invalid	790,355	2.36
1: Medicare	556,195	1.66
2: Medicaid	1,922,558	5.74
3: Private insurance	2,012,652	6.01
4: Self-pay	1,936,073	5.78
5: No charge	31,268	0.09
6: Other	341,888	1.02

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for TOTCHG_ED

TOTCHG_ED	Frequency	Percent
.: Missing	4,458,235	13.31
.A: Invalid	<= 10	*.**
.C: Inconsistent	56,161	0.17
\$100- \$1,000	6,092,721	18.18
\$1,001- \$5,000	16,653,277	49.70
\$5,001-\$10,000	3,904,500	11.65
\$10,001-\$50,000	2,285,894	6.82
\$50,001-\$75,000	41,835	0.12
Over \$75,000	14,021	0.04

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for YEAR

YEAR	Frequency	Percent
2017	33,506,645	100.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Frequency Distribution for ZIPINC_QRTL

ZIPINC_QRTL	Frequency	Percent
.: Missing	563,362	1.68
.A: Invalid	2,756	0.01
1: First quartile	11,468,222	34.23
2: Second quartile	8,889,492	26.53
3: Third quartile	7,127,117	21.27
4: Fourth quartile	5,455,696	16.28

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HCUP Summary Statistics Report: NEDS 2017 Core File
Univariates of Selected Continuous Data Elements

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

Moments			
N	33506645	Sum Weights	33506645
Mean	4.32197264	Sum Observations	144814803
Std Deviation	0.97270809	Variance	0.94616104
Skewness	1.17416676	Kurtosis	24.952278
Uncorrected SS	657588298	Corrected SS	31702681
Coeff Variation	22.5061141	Std Error Mean	0.00016804

Basic Statistical Measures			
Location		Variability	
Mean	4.321973	Std Deviation	0.97271
Median	4.526742	Variance	0.94616
Mode	3.494116	Range	21.42271
		Interquartile Range	1.39337

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	25719.64	Pr > t	<.0001
Sign	M	16753323	Pr >= M	<.0001
Signed Rank	S	2.807E14	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	22.55511
99%	6.45676
95%	5.69164
90%	5.34230
75% Q3	4.92793

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 2017 Core File
Univariates of Selected Continuous Data Elements

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

Quantiles (Definition 5)	
Level	Quantile
50% Median	4.52674
25% Q1	3.53456
10%	3.14884
5%	2.85615
1%	1.54902
0% Min	1.13239

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HCUP Summary Statistics Report: NEDS 2017 Core File
Univariates of Selected Continuous Data Elements

Variable: AGE (Age in years at admission)

Moments			
N	33506022	Sum Weights	33506022
Mean	41.0862999	Sum Observations	1376638470
Std Deviation	24.4832267	Variance	599.42839
Skewness	0.15194689	Kurtosis	-0.9297541
Uncorrected SS	7.66454E10	Corrected SS	2.00845E10
Coeff Variation	59.589758	Std Error Mean	0.00422968

Basic Statistical Measures			
Location		Variability	
Mean	41.08630	Std Deviation	24.48323
Median	39.00000	Variance	599.42839
Mode	27.00000	Range	90.00000
		Interquartile Range	38.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	9713.815	Pr > t	<.0001
Sign	M	16385092	Pr >= M	<.0001
Signed Rank	S	2.685E14	Pr >= S	<.0001

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

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HCUP Summary Statistics Report: NEDS 2017 Core File
Univariates of Selected Continuous Data Elements

Variable: AGE (Age in years at admission)

Quantiles (Definition 5)	
Level	Quantile
50% Median	39
25% Q1	22
10%	7
5%	2
1%	0
0% Min	0

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	283	0.00	45.43
C	340	0.00	54.57
Total	623	0.00	100.00

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HCUP Summary Statistics Report: NEDS 2017 Core File
Univariates of Selected Continuous Data Elements

Variable: TOTCHG_ED (Total charge for ED services)

Moments			
N	28992248	Sum Weights	28992248
Mean	3978.59002	Sum Observations	1.15348E11
Std Deviation	5889.01357	Variance	34680480.8
Skewness	7.0711284	Kurtosis	148.183939
Uncorrected SS	1.46439E15	Corrected SS	1.00547E15
Coeff Variation	148.017603	Std Error Mean	1.09370856

Basic Statistical Measures			
Location		Variability	
Mean	3978.590	Std Deviation	5889
Median	2228.000	Variance	34680481
Mode	1400.000	Range	781453
		Interquartile Range	3294

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	3637.706	Pr > t	<.0001
Sign	M	14496124	Pr >= M	<.0001
Signed Rank	S	2.101E14	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	781553
99%	28097
95%	13322
90%	8722
75% Q3	4429

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HCUP Summary Statistics Report: NEDS 2017 Core File
Univariates of Selected Continuous Data Elements

Variable: TOTCHG_ED (Total charge for ED services)

Quantiles (Definition 5)	
Level	Quantile
50% Median	2228
25% Q1	1135
10%	607
5%	411
1%	212
0% Min	100

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	4458235	13.31	98.76
A	1	0.00	0.00
C	56161	0.17	1.24
Total	4514397	13.47	100.00

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