

HCUP Summary Statistics Report: NRD 2020 Hospital File
Means of Continuous Data Elements

09:43 Wednesday, November 23, 2022 1

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Median	Sum
HOSP_BEDSIZE : Bed size of hospital	2,539	0	1.00	3.00	1.77	2	4,497
HOSP_NRD : NRD hospital identifier	2,539	0	71,001.00	74,803.00	72,901.99	72,899	185,098,155
HOSP_URCAT4 : Hospital urban-rural designation	2,539	0	1.00	4.00	2.24	2	5,690
HOSP_UR_TEACH : Teaching status of urban hospitals	2,539	0	0.00	2.00	1.10	1	2,794
H_CONTRL : Control/ownership of hospital	2,539	0	1.00	3.00	1.94	2	4,914
NRD_STRATUM : NRD stratum used for weighting	2,539	0	7,001.00	7,100.00	7,047.96	7,044	17,894,776
N_DISC_U : Number of universe discharges in NRD_STRATUM	2,539	0	9,861.00	3,056,556.00	450,984.69	185,537	1,145,050,140
N_HOSP_U : Number of universe hospitals in NRD_STRATUM	2,539	0	3.00	352.00	84.65	56	214,930
S_DISC_U : Number of sample discharges in NRD_STRATUM	2,539	0	3,750.00	1,259,548.00	233,111.50	101,616	591,870,098
S_HOSP_U : Number of sample hospitals in NRD_STRATUM	2,539	0	2.00	136.00	44.87	37	113,925
TOTAL_DISC : Total hospital discharges	2,539	0	1.00	106,430.00	6,574.52	3,120	16,692,694
YEAR : Calendar year	2,539	0	2,020.00	2,020.00	2,020.00	2,020	5,128,780

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

***HCUP Summary Statistics Report: NRD 2020 Hospital File
Frequency Distribution for HOSP_BEDSIZE***

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	1,248	49.15%
2: Medium	624	24.58%
3: Large	667	26.27%

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***HCUP Summary Statistics Report: NRD 2020 Hospital File
Frequency Distribution for H_CONTRL***

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	533	20.99%
2: Private, not-for-profit (voluntary)	1,637	64.47%
3: Private, investor-owned (proprietary)	369	14.53%

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HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements

Variable: N_DISC_U (Number of universe discharges in NRD_STRATUM)

Moments			
N	2539	Sum Weights	2539
Mean	450984.695	Sum Observations	1145050140
Std Deviation	600799.237	Variance	3.6096E11
Skewness	2.54596409	Kurtosis	7.35760039
Uncorrected SS	1.43252E15	Corrected SS	9.16116E14
Coeff Variation	133.219429	Std Error Mean	11923.3426

Basic Statistical Measures			
Location		Variability	
Mean	450984.7	Std Deviation	600799
Median	185537.0	Variance	3.6096E11
Mode	180120.0	Range	3046695
		Interquartile Range	559697

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	37.82368	Pr > t	<.0001
Sign	M	1269.5	Pr >= M	<.0001
Signed Rank	S	1612265	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: N_DISC_U (Number of universe discharges in NRD_STRATUM)

Quantiles (Definition 5)	
Level	Quantile
100% Max	3056556
99%	3056556
95%	1502567
90%	1063816
75% Q3	638208
50% Median	185537
25% Q1	78511
10%	28107
5%	12541
1%	10208
0% Min	9861

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HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements

Variable: N_HOSP_U (Number of universe hospitals in NRD_STRATUM)

Moments			
N	2539	Sum Weights	2539
Mean	84.6514376	Sum Observations	214930
Std Deviation	81.999021	Variance	6723.83945
Skewness	1.97550583	Kurtosis	3.58650542
Uncorrected SS	35259238	Corrected SS	17065104.5
Coeff Variation	96.866661	Std Error Mean	1.62733632

Basic Statistical Measures			
Location		Variability	
Mean	84.6514	Std Deviation	81.99902
Median	56.0000	Variance	6724
Mode	352.0000	Range	349.00000
		Interquartile Range	79.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	52.0184	Pr > t	<.0001
Sign	M	1269.5	Pr >= M	<.0001
Signed Rank	S	1612265	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: N_HOSP_U (Number of universe hospitals in NRD_STRATUM)

Quantiles (Definition 5)	
Level	Quantile
100% Max	352
99%	352
95%	352
90%	220
75% Q3	111
50% Median	56
25% Q1	32
10%	21
5%	13
1%	8
0% Min	3

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HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements

Variable: S_DISC_U (Number of sample discharges in NRD_STRATUM)

Moments			
N	2539	Sum Weights	2539
Mean	233111.5	Sum Observations	591870098
Std Deviation	282644.323	Variance	7.98878E10
Skewness	1.71583774	Kurtosis	2.59779429
Uncorrected SS	3.40727E14	Corrected SS	2.02755E14
Coeff Variation	121.248554	Std Error Mean	5609.30322

Basic Statistical Measures			
Location		Variability	
Mean	233111.5	Std Deviation	282644
Median	101616.0	Variance	7.98878E10
Mode	58114.0	Range	1255798
		Interquartile Range	322928

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	41.55801	Pr > t	<.0001
Sign	M	1269.5	Pr >= M	<.0001
Signed Rank	S	1612265	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: S_DISC_U (Number of sample discharges in NRD_STRATUM)

Quantiles (Definition 5)	
Level	Quantile
100% Max	1259548
99%	1259548
95%	833013
90%	640752
75% Q3	358496
50% Median	101616
25% Q1	35568
10%	15492
5%	8393
1%	5264
0% Min	3750

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HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements

Variable: S_HOSP_U (Number of sample hospitals in NRD_STRATUM)

Moments			
N	2539	Sum Weights	2539
Mean	44.8700276	Sum Observations	113925
Std Deviation	33.6701957	Variance	1133.68208
Skewness	1.38824171	Kurtosis	1.24725199
Uncorrected SS	7989103	Corrected SS	2877285.11
Coeff Variation	75.0393915	Std Error Mean	0.66821203

Basic Statistical Measures			
Location		Variability	
Mean	44.87003	Std Deviation	33.67020
Median	37.00000	Variance	1134
Mode	37.00000	Range	134.00000
		Interquartile Range	35.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	67.14939	Pr > t	<.0001
Sign	M	1269.5	Pr >= M	<.0001
Signed Rank	S	1612265	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2020 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: S_HOSP_U (Number of sample hospitals in NRD_STRATUM)

Quantiles (Definition 5)	
Level	Quantile
100% Max	136
99%	136
95%	136
90%	118
75% Q3	55
50% Median	37
25% Q1	20
10%	13
5%	9
1%	6
0% Min	2

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