

HCUP Summary Statistics Report: NRD 2021 Hospital File
Means of Continuous Data Elements

19:46 Friday, December 29, 2023 1

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Median	Sum
HOSP_BEDSIZE : Bed size of hospital	2,505	0	1.00	3.00	1.77	2	4,424
HOSP_NRD : NRD hospital identifier	2,505	0	81,001.00	84,754.00	82,876.50	82,878	207,605,625
HOSP_URCAT4 : Hospital urban-rural designation	2,505	0	1.00	4.00	2.25	2	5,631
HOSP_UR_TEACH : Teaching status of urban hospitals	2,505	0	0.00	2.00	1.11	1	2,770
H_CONTRL : Control/ownership of hospital	2,505	0	1.00	3.00	1.93	2	4,835
NRD_STRATUM : NRD stratum used for weighting	2,505	0	8,001.00	8,096.00	8,051.12	8,050	20,168,060
N_DISC_U : Number of universe discharges in NRD_STRATUM	2,505	0	6,166.00	3,116,540.00	456,866.58	210,465	1,144,450,784
N_HOSP_U : Number of universe hospitals in NRD_STRATUM	2,505	0	4.00	359.00	86.64	61	217,028
S_DISC_U : Number of sample discharges in NRD_STRATUM	2,505	0	3,020.00	1,403,374.00	236,463.82	110,789	592,341,861
S_HOSP_U : Number of sample hospitals in NRD_STRATUM	2,505	0	4.00	141.00	45.76	37	114,633
TOTAL_DISC : Total hospital discharges	2,505	0	1.00	111,706.00	6,708.79	3,104	16,805,508
YEAR : Calendar year	2,505	0	2,021.00	2,021.00	2,021.00	2,021	5,062,605

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

***HCUP Summary Statistics Report: NRD 2021 Hospital File
Frequency Distribution for HOSP_BEDSIZE***

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	1,232	49.18%
2: Medium	627	25.03%
3: Large	646	25.79%

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***HCUP Summary Statistics Report: NRD 2021 Hospital File
Frequency Distribution for H_CONTRL***

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	525	20.96%
2: Private, not-for-profit (voluntary)	1,630	65.07%
3: Private, investor-owned (proprietary)	350	13.97%

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HCUP Summary Statistics Report: NRD 2021 Hospital File
Univariates of Selected Continuous Data Elements

Variable: N_DISC_U (Number of universe discharges in NRD_STRATUM)

Moments			
N	2505	Sum Weights	2505
Mean	456866.58	Sum Observations	1144450784
Std Deviation	565478.785	Variance	3.19766E11
Skewness	2.41551163	Kurtosis	7.38341271
Uncorrected SS	1.32356E15	Corrected SS	8.00695E14
Coeff Variation	123.773287	Std Error Mean	11298.2831

Basic Statistical Measures			
Location		Variability	
Mean	456866.6	Std Deviation	565479
Median	210465.0	Variance	3.19766E11
Mode	194440.0	Range	3110374
		Interquartile Range	557665

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	40.43681	Pr > t	<.0001
Sign	M	1252.5	Pr >= M	<.0001
Signed Rank	S	1569383	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2021 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	3116540
99%	3116540
95%	1549353
90%	1057255
75% Q3	652482
50% Median	210465
25% Q1	94817
10%	31205
5%	14195
1%	9533
0% Min	6166

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HCUP Summary Statistics Report: NRD 2021 Hospital File
Univariates of Selected Continuous Data Elements

Variable: N_HOSP_U (Number of universe hospitals in NRD_STRATUM)

Moments			
N	2505	Sum Weights	2505
Mean	86.6379242	Sum Observations	217028
Std Deviation	83.3379667	Variance	6945.21669
Skewness	2.06019502	Kurtosis	3.88294558
Uncorrected SS	36193678	Corrected SS	17390822.6
Coeff Variation	96.1910936	Std Error Mean	1.66509507

Basic Statistical Measures			
Location		Variability	
Mean	86.6379	Std Deviation	83.33797
Median	61.0000	Variance	6945
Mode	359.0000	Range	355.00000
		Interquartile Range	53.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	52.03182	Pr > t	<.0001
Sign	M	1252.5	Pr >= M	<.0001
Signed Rank	S	1569383	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2021 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	359
99%	359
95%	359
90%	218
75% Q3	92
50% Median	61
25% Q1	39
10%	22
5%	16
1%	8
0% Min	4

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HCUP Summary Statistics Report: NRD 2021 Hospital File
Univariates of Selected Continuous Data Elements

Variable: S_DISC_U (Number of sample discharges in NRD_STRATUM)

Moments			
N	2505	Sum Weights	2505
Mean	236463.817	Sum Observations	592341861
Std Deviation	292762.992	Variance	8.57102E10
Skewness	2.07192603	Kurtosis	4.66466941
Uncorrected SS	3.54686E14	Corrected SS	2.14618E14
Coeff Variation	123.808791	Std Error Mean	5849.41335

Basic Statistical Measures			
Location		Variability	
Mean	236463.8	Std Deviation	292763
Median	110789.0	Variance	8.57102E10
Mode	64516.0	Range	1400354
		Interquartile Range	303028

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	40.42522	Pr > t	<.0001
Sign	M	1252.5	Pr >= M	<.0001
Signed Rank	S	1569383	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2021 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	1403374
99%	1403374
95%	912450
90%	560594
75% Q3	347706
50% Median	110789
25% Q1	44678
10%	14973
5%	7768
1%	5360
0% Min	3020

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HCUP Summary Statistics Report: NRD 2021 Hospital File
Univariates of Selected Continuous Data Elements

Variable: S_HOSP_U (Number of sample hospitals in NRD_STRATUM)

Moments			
N	2505	Sum Weights	2505
Mean	45.7616766	Sum Observations	114633
Std Deviation	34.5899226	Variance	1196.46275
Skewness	1.46780997	Kurtosis	1.48590169
Uncorrected SS	8241741	Corrected SS	2995942.72
Coeff Variation	75.5870964	Std Error Mean	0.69110769

Basic Statistical Measures			
Location		Variability	
Mean	45.76168	Std Deviation	34.58992
Median	37.00000	Variance	1196
Mode	49.00000	Range	137.00000
		Interquartile Range	29.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	66.21497	Pr > t	<.0001
Sign	M	1252.5	Pr >= M	<.0001
Signed Rank	S	1569383	Pr >= S	<.0001

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***HCUP Summary Statistics Report: NRD 2021 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	141
99%	141
95%	141
90%	119
75% Q3	51
50% Median	37
25% Q1	22
10%	14
5%	10
1%	5
0% Min	4

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