

**HCUP Summary Statistics Report: NIS 2016 Hospital File
Means of Continuous Data Elements**

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : NIS discharge weight	4,575	0	5.00	5.01	5.00	0.00
HOSP_BEDSIZE : Bed size of hospital (STRATA)	4,575	0	1.00	3.00	1.74	0.83
HOSP_DIVISION : Census Division of hospital (STRATA)	4,575	0	1.00	9.00	5.18	2.32
HOSP_LOCTEACH : Location/teaching status of hospital (STRATA)	4,575	0	1.00	3.00	1.94	0.82
HOSP_NIS : NIS hospital number	4,575	0	10,001.00	90,536.00	52,129.37	23,187.28
HOSP_REGION : Region of hospital	4,575	0	1.00	4.00	2.63	0.93
H_CONTRL : Control/ownership of hospital (STRATA)	4,575	0	1.00	3.00	1.98	0.61
NIS_STRATUM : NIS hospital stratum	4,575	0	1,111.00	9,333.00	5,401.11	2,320.72
N_DISC_U : Number of universe discharges in the stratum	4,575	0	1,347.00	1,820,974.00	297,455.49	397,230.59
N_HOSP_U : Number of universe hospitals in the stratum	4,575	0	2.00	172.00	51.86	41.96
S_DISC_U : Number of sample discharges in the stratum	4,575	0	269.00	364,195.00	59,491.12	79,446.16
S_HOSP_U : Number of sample hospitals in the stratum	4,575	0	2.00	157.00	49.52	40.06
TOTAL_DISC : Total number of discharges from this hospital in the NIS	4,575	0	1.00	16,945.00	1,559.58	1,978.77
YEAR : Calendar year	4,575	0	2,016.00	2,016.00	2,016.00	0.00

***For more information about the coding of HCUP data elements,
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for HOSP_BEDSIZE***

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	2,311	50.51%
2: Medium	1,142	24.96%
3: Large	1,122	24.52%

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for HOSP_DIVISION***

HOSP_DIVISION	Frequency	Percent of Total
1: New England	152	3.32%
2: Middle Atlantic	445	9.73%
3: East North Central	736	16.09%
4: West North Central	640	13.99%
5: South Atlantic	711	15.54%
6: East South Central	284	6.21%
7: West South Central	748	16.35%
8: Mountain	329	7.19%
9: Pacific	530	11.58%

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for HOSP_LOCTEACH***

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,702	37.20%
2: Urban nonteaching	1,448	31.65%
3: Urban teaching	1,425	31.15%

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for HOSP_REGION***

HOSP_REGION	Frequency	Percent of Total
1: Northeast	597	13.05%
2: Midwest	1,376	30.08%
3: South	1,743	38.10%
4: West	859	18.78%

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for H_CONTRL***

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	892	19.50%
2: Private, not-for-profit (voluntary)	2,877	62.89%
3: Private, investor-owned (proprietary)	806	17.62%

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**HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM**

NIS_STRATUM	Frequency	Percent of Total
1111	<= 10	*.***%
1211	25	0.55%
1212	<= 10	*.***%
1213	<= 10	*.***%
1221	25	0.55%
1222	<= 10	*.***%
1223	<= 10	*.***%
1231	39	0.85%
1232	16	0.35%
1233	11	0.24%
1321	<= 10	*.***%
1322	<= 10	*.***%
1331	<= 10	*.***%
1332	<= 10	*.***%
2112	<= 10	*.***%
2131	<= 10	*.***%
2132	<= 10	*.***%
2133	<= 10	*.***%
2211	28	0.61%
2212	23	0.50%
2213	21	0.46%
2221	45	0.98%
2222	31	0.68%
2223	24	0.52%
2231	94	2.05%
2232	63	1.38%
2233	53	1.16%
2311	<= 10	*.***%
2321	11	0.24%
2322	<= 10	*.***%
2323	<= 10	*.***%

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**HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM**

NIS_STRATUM	Frequency	Percent of Total
2331	13	0.28%
2332	<= 10	*.***%
2333	<= 10	*.***%
3111	29	0.63%
3112	<= 10	*.***%
3113	11	0.24%
3121	15	0.33%
3122	<= 10	*.***%
3131	<= 10	*.***%
3132	<= 10	*.***%
3133	<= 10	*.***%
3211	110	2.40%
3212	32	0.70%
3213	67	1.46%
3221	75	1.64%
3222	52	1.14%
3223	50	1.09%
3231	107	2.34%
3232	51	1.11%
3233	58	1.27%
3311	<= 10	*.***%
3312	<= 10	*.***%
3313	<= 10	*.***%
3321	12	0.26%
3322	<= 10	*.***%
3323	<= 10	*.***%
3331	17	0.37%
3332	<= 10	*.***%
4111	152	3.32%
4112	18	0.39%
4113	19	0.42%

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
4121	22	0.48%
4131	<= 10	*.***%
4133	<= 10	*.***%
4211	157	3.43%
4212	21	0.46%
4213	44	0.96%
4221	52	1.14%
4222	16	0.35%
4223	18	0.39%
4231	40	0.87%
4232	17	0.37%
4233	24	0.52%
4311	<= 10	*.***%
4312	<= 10	*.***%
4313	<= 10	*.***%
4321	<= 10	*.***%
4322	<= 10	*.***%
4323	<= 10	*.***%
4331	<= 10	*.***%
4333	<= 10	*.***%
5111	30	0.66%
5112	15	0.33%
5113	19	0.42%
5121	14	0.31%
5122	11	0.24%
5123	<= 10	*.***%
5131	<= 10	*.***%
5132	<= 10	*.***%
5133	14	0.31%
5211	43	0.94%
5212	20	0.44%

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
5213	31	0.68%
5221	65	1.42%
5222	44	0.96%
5223	38	0.83%
5231	74	1.62%
5232	52	1.14%
5233	51	1.11%
5311	<= 10	*.***%
5312	<= 10	*.***%
5313	23	0.50%
5321	26	0.57%
5322	34	0.74%
5323	37	0.81%
5331	12	0.26%
5332	19	0.42%
6111	30	0.66%
6112	<= 10	*.***%
6113	14	0.31%
6122	<= 10	*.***%
6123	<= 10	*.***%
6131	<= 10	*.***%
6133	<= 10	*.***%
6211	34	0.74%
6212	20	0.44%
6213	30	0.66%
6221	21	0.46%
6222	<= 10	*.***%
6223	<= 10	*.***%
6231	12	0.26%
6232	16	0.35%
6233	<= 10	*.***%

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
6311	<= 10	*.***%
6312	<= 10	*.***%
6313	15	0.33%
6321	15	0.33%
6322	<= 10	*.***%
6331	<= 10	*.***%
6332	<= 10	*.***%
7111	92	2.01%
7112	21	0.46%
7113	<= 10	*.***%
7121	31	0.68%
7122	<= 10	*.***%
7123	<= 10	*.***%
7131	<= 10	*.***%
7132	<= 10	*.***%
7133	<= 10	*.***%
7211	55	1.20%
7212	24	0.52%
7213	19	0.42%
7221	43	0.94%
7222	18	0.39%
7223	16	0.35%
7231	54	1.18%
7232	40	0.87%
7233	16	0.35%
7311	27	0.59%
7312	12	0.26%
7313	15	0.33%
7321	114	2.49%
7322	22	0.48%
7323	17	0.37%

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
7331	47	1.03%
7332	18	0.39%
7333	<= 10	*.***%
8111	26	0.57%
8112	23	0.50%
8113	<= 10	*.***%
8121	<= 10	*.***%
8131	<= 10	*.***%
8133	<= 10	*.***%
8211	30	0.66%
8212	34	0.74%
8213	16	0.35%
8221	22	0.48%
8222	<= 10	*.***%
8223	12	0.26%
8231	15	0.33%
8232	18	0.39%
8233	22	0.48%
8312	<= 10	*.***%
8313	<= 10	*.***%
8321	18	0.39%
8322	18	0.39%
8323	<= 10	*.***%
8331	<= 10	*.***%
8332	<= 10	*.***%
8333	<= 10	*.***%
9111	26	0.57%
9112	24	0.52%
9113	11	0.24%
9121	24	0.52%
9122	<= 10	*.***%

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Frequency Distribution for NIS_STRATUM***

NIS_STRATUM	Frequency	Percent of Total
9123	<= 10	*.***%
9131	<= 10	*.***%
9132	<= 10	*.***%
9133	14	0.31%
9211	<= 10	*.***%
9212	25	0.55%
9213	15	0.33%
9221	50	1.09%
9222	41	0.90%
9223	56	1.22%
9231	48	1.05%
9232	35	0.77%
9233	51	1.11%
9321	19	0.42%
9322	26	0.57%
9323	18	0.39%
9331	<= 10	*.***%
9332	<= 10	*.***%
9333	<= 10	*.***%

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements

Variable: DISCWT (NIS discharge weight)

Moments			
N	4575	Sum Weights	4575
Mean	4.99999244	Sum Observations	22874.9654
Std Deviation	0.00032189	Variance	1.03611E-7
Skewness	8.27994764	Kurtosis	176.787216
Uncorrected SS	114374.654	Corrected SS	0.00047391
Coeff Variation	0.00643773	Std Error Mean	4.7589E-6

Basic Statistical Measures			
Location		Variability	
Mean	5.00	Std Deviation	0.00
Median	5.00	Variance	0.00
Mode	5.00	Range	0.01
		Interquartile Range	0.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	1050661	Pr > t	<.0001
Sign	M	2287.5	Pr >= M	<.0001
Signed Rank	S	5233800	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.01
99%	5.00
95%	5.00
90%	5.00
75% Q3	5.00
50% Median	5.00

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: DISCWT (NIS discharge weight)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	5.00
10%	5.00
5%	5.00
1%	5.00
0% Min	5.00

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements

Variable: N_DISC_U (Number of universe discharges in the stratum)

Moments			
N	4575	Sum Weights	4575
Mean	297455.489	Sum Observations	1360858860
Std Deviation	397230.59	Variance	1.57792E11
Skewness	2.13931369	Kurtosis	4.44542939
Uncorrected SS	1.12654E15	Corrected SS	7.21741E14
Coeff Variation	133.542868	Std Error Mean	5872.82603

Basic Statistical Measures			
Location		Variability	
Mean	297,455.49	Std Deviation	397,230.59
Median	122,572.00	Variance	157792141615.74
Mode	82,451.00	Range	1,819,627.00
		Interquartile Range	293,226.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	50.64946	Pr > t	<.0001
Sign	M	2287.5	Pr >= M	<.0001
Signed Rank	S	5233800	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1,820,974.00
99%	1,820,974.00
95%	1,139,805.00
90%	799,328.00
75% Q3	343,325.00
50% Median	122,572.00

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: N_DISC_U (Number of universe discharges in the stratum)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	50,099.00
10%	21,335.00
5%	14,071.00
1%	7,244.00
0% Min	1,347.00

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements

Variable: N_HOSP_U (Number of universe hospitals in the stratum)

Moments			
N	4575	Sum Weights	4575
Mean	51.8625137	Sum Observations	237271
Std Deviation	41.9576601	Variance	1760.44524
Skewness	1.36207456	Kurtosis	1.19265722
Uncorrected SS	20357747	Corrected SS	8052276.52
Coeff Variation	80.9017094	Std Error Mean	0.6203199

Basic Statistical Measures			
Location		Variability	
Mean	51.86	Std Deviation	41.96
Median	41.00	Variance	1,760.45
Mode	51.00	Range	170.00
		Interquartile Range	43.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	83.60608	Pr > t	<.0001
Sign	M	2287.5	Pr >= M	<.0001
Signed Rank	S	5233800	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	172.00
99%	172.00
95%	154.00
90%	110.00
75% Q3	64.00
50% Median	41.00

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: N_HOSP_U (Number of universe hospitals in the stratum)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	21.00
10%	12.00
5%	8.00
1%	4.00
0% Min	2.00

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**HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements**

Variable: S_DISC_U (Number of sample discharges in the stratum)

Moments			
N	4575	Sum Weights	4575
Mean	59491.1185	Sum Observations	272171867
Std Deviation	79446.1595	Variance	6311692256
Skewness	2.13931499	Kurtosis	4.44543687
Uncorrected SS	4.50615E13	Corrected SS	2.88697E13
Coeff Variation	133.542891	Std Error Mean	1174.56582

Basic Statistical Measures			
Location		Variability	
Mean	59,491.12	Std Deviation	79,446.16
Median	24,514.00	Variance	6311692255.91
Mode	16,490.00	Range	363,926.00
		Interquartile Range	58,645.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	50.64945	Pr > t	<.0001
Sign	M	2287.5	Pr >= M	<.0001
Signed Rank	S	5233800	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	364,195.00
99%	364,195.00
95%	227,961.00
90%	159,866.00
75% Q3	68,665.00
50% Median	24,514.00

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: S_DISC_U (Number of sample discharges in the stratum)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	10,020.00
10%	4,267.00
5%	2,814.00
1%	1,449.00
0% Min	269.00

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HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements

Variable: S_HOSP_U (Number of sample hospitals in the stratum)

Moments			
N	4575	Sum Weights	4575
Mean	49.5206557	Sum Observations	226557
Std Deviation	40.0618831	Variance	1604.95448
Skewness	1.27872378	Kurtosis	0.89670535
Uncorrected SS	18560313	Corrected SS	7341061.8
Coeff Variation	80.899339	Std Error Mean	0.59229192

Basic Statistical Measures			
Location		Variability	
Mean	49.52	Std Deviation	40.06
Median	40.00	Variance	1,604.95
Mode	157.00	Range	155.00
		Interquartile Range	43.00

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	83.60853	Pr > t	<.0001
Sign	M	2287.5	Pr >= M	<.0001
Signed Rank	S	5233800	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	157.00
99%	157.00
95%	152.00
90%	110.00
75% Q3	63.00
50% Median	40.00

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***HCUP Summary Statistics Report: NIS 2016 Hospital File
Univariates of Selected Continuous Data Elements***

Variable: S_HOSP_U (Number of sample hospitals in the stratum)

Quantiles (Definition 5)	
Level	Quantile
25% Q1	20.00
10%	11.00
5%	7.00
1%	3.00
0% Min	2.00

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