

HCUP Summary Statistics Report: NIS 2019 Hospital File
Means of Continuous Data Elements

13:11 Tuesday, August 24, 2021 1

Variable / Label	N	Minimum	Maximum	Mean	Median	Sum
DISCWT : NIS discharge weight	4,568	5	5	5.0	5	22,840
HOSP_BEDSIZE : Bed size of hospital (STRATA)	4,568	1	3	1.7	1	7,697
HOSP_DIVISION : Census Division of hospital (STRATA)	4,568	1	9	5.2	5	23,658
HOSP_LOCTEACH : Location/teaching status of hospital (STRATA)	4,568	1	3	2.0	2	9,197
HOSP_NIS : NIS hospital number	4,568	10,001	90,530	52,098.3	50,326	237,984,921
HOSP_REGION : Region of hospital	4,568	1	4	2.6	3	12,003
H_CONTRL : Control/ownership of hospital (STRATA)	4,568	1	3	2.0	2	8,972
NIS_STRATUM : NIS hospital stratum	4,568	1,111	9,333	5,397.3	5,222	24,654,867
N_DISC_U : Number of universe discharges in the stratum	4,568	1,774	1,941,734	330,819.8	109,628	1,511,184,671
N_HOSP_U : Number of universe hospitals in the stratum	4,568	2	160	54.2	41	247,427
S_DISC_U : Number of sample discharges in the stratum	4,568	355	388,347	66,164.0	21,926	302,237,122
S_HOSP_U : Number of sample hospitals in the stratum	4,568	2	151	52.1	39	237,808
TOTAL_DISC : Total number of discharges from this hospital in the NIS	4,568	1	15,387	1,550.7	730	7,083,805
YEAR : Calendar year	4,568	2,019	2,019	2,019.0	2,019	9,222,792

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for HOSP_BEDSIZE

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	2,464	53.94%
2: Medium	1,079	23.62%
3: Large	1,025	22.44%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for HOSP_DIVISION

HOSP_DIVISION	Frequency	Percent of Total
1: New England	176	3.85%
2: Middle Atlantic	426	9.33%
3: East North Central	737	16.13%
4: West North Central	625	13.68%
5: South Atlantic	703	15.39%
6: East South Central	293	6.41%
7: West South Central	743	16.27%
8: Mountain	340	7.44%
9: Pacific	525	11.49%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for HOSP_LOCTEACH

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,658	36.30%
2: Urban nonteaching	1,191	26.07%
3: Urban teaching	1,719	37.63%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for HOSP_REGION

HOSP_REGION	Frequency	Percent of Total
1: Northeast	602	13.18%
2: Midwest	1,362	29.82%
3: South	1,739	38.07%
4: West	865	18.94%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for H_CTRL

H_CTRL	Frequency	Percent of Total
1: Government, non-federal (public)	896	19.61%
2: Private, not-for-profit (voluntary)	2,940	64.36%
3: Private, investor-owned (proprietary)	732	16.02%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
1111	<= 10	*.***%
1211	37	0.81%
1212	<= 10	*.***%
1213	<= 10	*.***%
1221	27	0.59%
1222	14	0.31%
1231	40	0.88%
1232	21	0.46%
1233	<= 10	*.***%
1321	<= 10	*.***%
1331	<= 10	*.***%
1332	<= 10	*.***%
2112	<= 10	*.***%
2121	<= 10	*.***%
2131	<= 10	*.***%
2132	<= 10	*.***%
2133	<= 10	*.***%
2211	33	0.72%
2212	18	0.39%
2213	16	0.35%
2221	35	0.77%
2222	19	0.42%
2223	<= 10	*.***%
2231	114	2.50%
2232	80	1.75%
2233	50	1.09%
2321	<= 10	*.***%
2322	<= 10	*.***%
2331	13	0.28%
3111	33	0.72%

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Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
3112	<= 10	*.***%
3113	<= 10	*.***%
3121	13	0.28%
3123	<= 10	*.***%
3131	<= 10	*.***%
3132	<= 10	*.***%
3133	<= 10	*.***%
3211	107	2.34%
3212	36	0.79%
3213	61	1.34%
3221	78	1.71%
3222	40	0.88%
3223	30	0.66%
3231	142	3.11%
3232	55	1.20%
3233	63	1.38%
3311	<= 10	*.***%
3312	<= 10	*.***%
3313	<= 10	*.***%
3321	<= 10	*.***%
3322	<= 10	*.***%
3323	<= 10	*.***%
3331	18	0.39%
3332	<= 10	*.***%
4111	151	3.31%
4112	15	0.33%
4113	19	0.42%
4121	21	0.46%
4122	<= 10	*.***%
4131	<= 10	*.***%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
4133	<= 10	*.***%
4211	148	3.24%
4212	22	0.48%
4213	51	1.12%
4221	51	1.12%
4222	13	0.28%
4223	12	0.26%
4231	43	0.94%
4232	15	0.33%
4233	29	0.63%
4311	<= 10	*.***%
4313	<= 10	*.***%
4321	<= 10	*.***%
4323	<= 10	*.***%
4331	<= 10	*.***%
4332	<= 10	*.***%
4333	<= 10	*.***%
5111	31	0.68%
5112	12	0.26%
5113	18	0.39%
5121	14	0.31%
5122	<= 10	*.***%
5123	<= 10	*.***%
5131	12	0.26%
5132	<= 10	*.***%
5133	15	0.33%
5211	43	0.94%
5212	19	0.42%
5213	30	0.66%
5221	66	1.44%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
5222	39	0.85%
5223	35	0.77%
5231	95	2.08%
5232	51	1.12%
5233	57	1.25%
5311	<= 10	*,***%
5312	<= 10	*,***%
5313	15	0.33%
5321	22	0.48%
5322	22	0.48%
5323	14	0.31%
5331	30	0.66%
5332	22	0.48%
5333	<= 10	*,***%
6111	31	0.68%
6112	<= 10	*,***%
6113	12	0.26%
6121	<= 10	*,***%
6123	<= 10	*,***%
6131	<= 10	*,***%
6133	<= 10	*,***%
6211	35	0.77%
6212	19	0.42%
6213	29	0.63%
6221	20	0.44%
6222	<= 10	*,***%
6223	<= 10	*,***%
6231	19	0.42%
6232	20	0.44%
6233	<= 10	*,***%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
6311	<= 10	*,***%
6312	<= 10	*,***%
6313	14	0.31%
6321	11	0.24%
6322	<= 10	*,***%
6323	<= 10	*,***%
6331	11	0.24%
7111	92	2.01%
7112	15	0.33%
7113	<= 10	*,***%
7121	31	0.68%
7122	<= 10	*,***%
7123	<= 10	*,***%
7131	15	0.33%
7132	<= 10	*,***%
7133	<= 10	*,***%
7211	53	1.16%
7212	22	0.48%
7213	17	0.37%
7221	41	0.90%
7222	18	0.39%
7223	17	0.37%
7231	73	1.60%
7232	41	0.90%
7233	16	0.35%
7311	26	0.57%
7312	12	0.26%
7313	15	0.33%
7321	93	2.04%
7322	16	0.35%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
7323	<= 10	*.***%
7331	59	1.29%
7332	25	0.55%
7333	<= 10	*.***%
8111	25	0.55%
8112	21	0.46%
8113	12	0.26%
8121	<= 10	*.***%
8131	<= 10	*.***%
8133	<= 10	*.***%
8211	25	0.55%
8212	35	0.77%
8213	22	0.48%
8221	30	0.66%
8222	<= 10	*.***%
8223	<= 10	*.***%
8231	18	0.39%
8232	23	0.50%
8233	24	0.53%
8312	<= 10	*.***%
8313	<= 10	*.***%
8321	15	0.33%
8322	12	0.26%
8323	<= 10	*.***%
8331	20	0.44%
8332	<= 10	*.***%
8333	<= 10	*.***%
9111	23	0.50%
9112	22	0.48%
9113	13	0.28%

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Frequency Distribution for NIS_STRATUM

NIS_STRATUM	Frequency	Percent of Total
9121	18	0.39%
9122	<= 10	*,***%
9123	<= 10	*,***%
9131	14	0.31%
9132	<= 10	*,***%
9133	16	0.35%
9211	<= 10	*,***%
9212	26	0.57%
9213	15	0.33%
9221	41	0.90%
9222	26	0.57%
9223	36	0.79%
9231	69	1.51%
9232	45	0.99%
9233	61	1.34%
9321	19	0.42%
9322	21	0.46%
9323	17	0.37%
9331	<= 10	*,***%
9332	<= 10	*,***%
9333	<= 10	*,***%

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

Variable: DISCWT (NIS discharge weight)

Moments			
N	4568	Sum Weights	4568
Mean	4.99998241	Sum Observations	22839.9196
Std Deviation	0.00030311	Variance	9.18779E-8
Skewness	2.31687464	Kurtosis	69.9856632
Uncorrected SS	114199.197	Corrected SS	0.00041961
Coeff Variation	0.00606229	Std Error Mean	4.48479E-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: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1114875	Pr > t	<.0001
Sign	M	2284	Pr >= M	<.0001
Signed Rank	S	5217798	Pr >= S	<.0001

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

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

Variable: DISCWT (NIS discharge weight)

Quantiles (Definition 5)	
Level	Quantile
50% Median	5.00
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 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Moments			
N	4568	Sum Weights	4568
Mean	330819.762	Sum Observations	1511184671
Std Deviation	448392.053	Variance	2.01055E11
Skewness	1.92273848	Kurtosis	3.16644727
Uncorrected SS	1.41815E15	Corrected SS	9.1822E14
Coeff Variation	135.539682	Std Error Mean	6634.29622

Basic Statistical Measures			
Location		Variability	
Mean	330,819.76	Std Deviation	448,392.05
Median	109,628.00	Variance	201055432757.84
Mode	56,338.00	Range	1,939,960.00
		Interquartile Range	418,446.00

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	49.86509	Pr > t	<.0001
Sign	M	2284	Pr >= M	<.0001
Signed Rank	S	5217798	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1,941,734.00
99%	1,941,734.00
95%	1,490,555.00
90%	958,342.00
75% Q3	468,251.00

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Quantiles (Definition 5)	
Level	Quantile
50% Median	109,628.00
25% Q1	49,805.00
10%	22,559.00
5%	13,743.00
1%	6,700.00
0% Min	1,774.00

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Moments			
N	4568	Sum Weights	4568
Mean	54.1652802	Sum Observations	247427
Std Deviation	43.142921	Variance	1861.31163
Skewness	1.08687396	Kurtosis	0.1800785
Uncorrected SS	21902563	Corrected SS	8500610.21
Coeff Variation	79.6505082	Std Error Mean	0.63833183

Basic Statistical Measures			
Location		Variability	
Mean	54.17	Std Deviation	43.14
Median	40.50	Variance	1,861.31
Mode	97.00	Range	158.00
		Interquartile Range	53.00

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	84.85443	Pr > t	<.0001
Sign	M	2284	Pr >= M	<.0001
Signed Rank	S	5217798	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	160.00
99%	160.00
95%	153.00
90%	114.00
75% Q3	74.00

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Quantiles (Definition 5)	
Level	Quantile
50% Median	40.50
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 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Moments			
N	4568	Sum Weights	4568
Mean	66163.9934	Sum Observations	302237122
Std Deviation	89678.3918	Variance	8042213960
Skewness	1.92273892	Kurtosis	3.16644983
Uncorrected SS	5.6726E13	Corrected SS	3.67288E13
Coeff Variation	135.539569	Std Error Mean	1326.85897

Basic Statistical Measures			
Location		Variability	
Mean	66,163.99	Std Deviation	89,678.39
Median	21,926.00	Variance	8042213960.04
Mode	11,268.00	Range	387,992.00
		Interquartile Range	83,689.00

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	49.86513	Pr > t	<.0001
Sign	M	2284	Pr >= M	<.0001
Signed Rank	S	5217798	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	388,347.00
99%	388,347.00
95%	298,111.00
90%	191,668.00
75% Q3	93,650.00

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Quantiles (Definition 5)	
Level	Quantile
50% Median	21,926.00
25% Q1	9,961.00
10%	4,512.00
5%	2,749.00
1%	1,340.00
0% Min	355.00

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Moments			
N	4568	Sum Weights	4568
Mean	52.0595447	Sum Observations	237808
Std Deviation	41.8691483	Variance	1753.02558
Skewness	1.05872057	Kurtosis	0.10559669
Uncorrected SS	20386244	Corrected SS	8006067.8
Coeff Variation	80.4254984	Std Error Mean	0.6194854

Basic Statistical Measures			
Location		Variability	
Mean	52.06	Std Deviation	41.87
Median	39.00	Variance	1,753.03
Mode	22.00	Range	149.00
		Interquartile Range	53.00

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	84.03676	Pr > t	<.0001
Sign	M	2284	Pr >= M	<.0001
Signed Rank	S	5217798	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	151.00
99%	151.00
95%	148.00
90%	114.00
75% Q3	73.00

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HCUP Summary Statistics Report: NIS 2019 Hospital File
Univariates of Selected Continuous Data Elements

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

Quantiles (Definition 5)	
Level	Quantile
50% Median	39.00
25% Q1	20.00
10%	11.00
5%	7.00
1%	3.00
0% Min	2.00

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