HCUP Summary Statistics Report: NIS 2022 Hospital File Means of Continuous Data Elements

Variable / Label	N	Minimum	Maximum	Mean	Median	Sum
DISCWT : NIS discharge weight	4,544	5	5	5.0	5	22,720
HOSP_BEDSIZE : Relative bed size category of hospital (STRATA)	4,544	1	3	1.7	1	7,556
HOSP_DIVISION : Census Division of hospital (STRATA)	4,544	1	9	5.2	5	23,482
HOSP_LOCTEACH: Location/teaching status of hospital (STRATA)	4,544	1	3	2.0	2	9,230
HOSP_NIS: NIS hospital number	4,544	10,001	90,528	51,985.7	50,325	236,222,907
HOSP_REGION : Region of hospital	4,544	1	4	2.6	3	11,910
H_CONTRL: Control/ownership of hospital (STRATA)	4,544	1	3	2.0	2	8,933
NIS_STRATUM: NIS hospital stratum	4,544	1,211	9,333	5,386.3	5,222	24,475,156
N_DISC_U: Number of universe discharges in the stratum	4,544	388	1,922,597	319,494.4	97,598	1,451,782,739
N_HOSP_U: Number of universe hospitals in the stratum	4,544	2	172	57.0	43	259,067
S_DISC_U: Number of sample discharges in the stratum	4,544	78	384,519	63,898.9	19,520	290,356,817
S_HOSP_U: Number of sample hospitals in the stratum	4,544	2	159	54.7	40	248,332
TOTAL_DISC : Total number of discharges from this hospital in the NIS	4,544	1	14,910	1,447.7	665	6,578,372
YEAR : Calendar year	4,544	2,022	2,022	2,022.0	2,022	9,187,968

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	2,515	55.35%
2: Medium	1,046	23.02%
3: Large	983	21.63%

HOSP_DIVISION	Frequency	Percent of Total
1: New England	174	3.83%
2: Middle Atlantic	422	9.29%
3: East North Central	738	16.24%
4: West North Central	620	13.64%
5: South Atlantic	704	15.49%
6: East South Central	302	6.65%
7: West South Central	756	16.64%
8: Mountain	306	6.73%
9: Pacific	522	11.49%

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,649	36.29%
2: Urban nonteaching	1,104	24.30%
3: Urban teaching	1,791	39.41%

HOSP_REGION	Frequency	Percent of Total
1: Northeast	596	13.12%
2: Midwest	1,358	29.89%
3: South	1,762	38.78%
4: West	828	18.22%

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	855	18.82%
2: Private, not-for-profit (voluntary)	2,989	65.78%
3: Private, investor-owned (proprietary)	700	15.40%

NIS_STRATUM	Frequency	Percent of Total
1211	39	0.86%
1212	<= 10	*.**%
1213	<= 10	*.**%
1221	21	0.46%
1222	<= 10	*.**%
1231	42	0.92%
1232	23	0.51%
1233	11	0.24%
1321	<= 10	*.**%
1331	<= 10	*.**%
1332	<= 10	*.**%
2111	<= 10	*.**%
2121	<= 10	*.**%
2131	<= 10	*.**%
2132	<= 10	*.**%
2133	<= 10	*.**%
2211	28	0.62%
2212	22	0.48%
2213	23	0.51%
2221	29	0.64%
2222	<= 10	*.**%
2223	<= 10	*.**%
2231	128	2.82%
2232	78	1.72%
2233	50	1.10%
2311	<= 10	*.**%
2321	<= 10	*.**%
2322	<= 10	*.**%
2331	<= 10	*.**%
2332	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
3111	29	0.64%
3112	<= 10	*.**%
3113	<= 10	*.**%
3121	13	0.29%
3122	<= 10	*.**%
3123	<= 10	*.**%
3131	<= 10	*.**%
3132	<= 10	*.**%
3133	<= 10	*.**%
3211	112	2.46%
3212	40	0.88%
3213	58	1.28%
3221	77	1.69%
3222	33	0.73%
3223	26	0.57%
3231	153	3.37%
3232	56	1.23%
3233	62	1.36%
3311	<= 10	*.**%
3312	<= 10	*.**%
3313	<= 10	*.**%
3321	11	0.24%
3322	<= 10	*.**%
3323	<= 10	*.**%
3331	18	0.40%
3333	<= 10	*.**%
4111	141	3.10%
4112	17	0.37%
4113	20	0.44%
4121	21	0.46%

NIS_STRATUM	Frequency	Percent of Total
4131	<= 10	*.**%
4133	<= 10	*.**%
4211	159	3.50%
4212	20	0.44%
4213	46	1.01%
4221	49	1.08%
4222	11	0.24%
4223	<= 10	*.**%
4231	51	1.12%
4232	18	0.40%
4233	28	0.62%
4311	<= 10	*.**%
4313	<= 10	*.**%
4321	<= 10	*.**%
4331	<= 10	*.**%
4332	<= 10	*.**%
4333	<= 10	*.**%
5111	30	0.66%
5112	11	0.24%
5113	17	0.37%
5121	17	0.37%
5122	<= 10	*.**%
5123	<= 10	*.**%
5131	16	0.35%
5132	<= 10	*.**%
5133	14	0.31%
5211	48	1.06%
5212	22	0.48%
5213	30	0.66%
5221	55	1.21%

NIS_STRATUM	Frequency	Percent of Total
5222	37	0.81%
5223	35	0.77%
5231	99	2.18%
5232	56	1.23%
5233	58	1.28%
5311	<= 10	*.**%
5312	<= 10	*.**%
5313	14	0.31%
5321	23	0.51%
5322	17	0.37%
5323	11	0.24%
5331	33	0.73%
5332	21	0.46%
5333	<= 10	*.**%
6111	29	0.64%
6112	<= 10	*.**%
6113	13	0.29%
6131	<= 10	*.**%
6133	<= 10	*.**%
6211	35	0.77%
6212	16	0.35%
6213	28	0.62%
6221	28	0.62%
6222	<= 10	*.**%
6223	<= 10	*.**%
6231	16	0.35%
6232	20	0.44%
6233	<= 10	*.**%
6311	<= 10	*.**%
6312	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
6313	<= 10	*.**%
6321	13	0.29%
6322	12	0.26%
6331	13	0.29%
6332	<= 10	*.**%
6333	<= 10	*.**%
7111	90	1.98%
7112	14	0.31%
7113	<= 10	*.**%
7121	31	0.68%
7122	<= 10	*.**%
7123	<= 10	*.**%
7131	18	0.40%
7132	<= 10	*.**%
7133	<= 10	*.**%
7211	56	1.23%
7212	24	0.53%
7213	18	0.40%
7221	53	1.17%
7222	12	0.26%
7223	12	0.26%
7231	77	1.69%
7232	45	0.99%
7233	19	0.42%
7311	26	0.57%
7312	11	0.24%
7313	11	0.24%
7321	103	2.27%
7322	11	0.24%
7323	11	0.24%

NIS_STRATUM	Frequency	Percent of Total
7331	59	1.30%
7332	24	0.53%
7333	<= 10	*.**%
8111	22	0.48%
8112	17	0.37%
8113	<= 10	*.**%
8121	<= 10	*.**%
8131	<= 10	*.**%
8133	<= 10	*.**%
8211	22	0.48%
8212	36	0.79%
8213	19	0.42%
8221	32	0.70%
8222	<= 10	*.**%
8223	<= 10	*.**%
8231	23	0.51%
8232	19	0.42%
8233	23	0.51%
8311	<= 10	*.**%
8312	<= 10	*.**%
8313	<= 10	*.**%
8321	<= 10	*.**%
8322	<= 10	*.**%
8331	17	0.37%
8332	<= 10	*.**%
8333	<= 10	*.**%
9111	22	0.48%
9112	20	0.44%
9113	17	0.37%
9121	11	0.24%

NIS_STRATUM	Frequency	Percent of Total
9122	<= 10	*.**%
9123	<= 10	*.**%
9131	18	0.40%
9132	<= 10	*.**%
9133	18	0.40%
9211	<= 10	*.**%
9212	23	0.51%
9213	15	0.33%
9221	35	0.77%
9222	27	0.59%
9223	38	0.84%
9231	79	1.74%
9232	50	1.10%
9233	58	1.28%
9321	17	0.37%
9322	22	0.48%
9323	12	0.26%
9331	<= 10	*.**%
9332	<= 10	*.**%
9333	<= 10	*.**%

	Moments			
N	4544	Sum Weights	4544	
Mean	4.99997458	Sum Observations	22719.8845	
Std Deviation	0.00062841	Variance	3.94893E-7	
Skewness	-29.835886	Kurtosis	1231.33542	
Uncorrected SS	113598.847	Corrected SS	0.001794	
Coeff Variation	0.01256817	Std Error Mean	9.32225E-6	

]	Basic Statistical Measures		
Locati	Location Variability		
Mean	5.00	Std Deviation	0.00
Median	5.00	Variance	0.00
Mode	5.00	Range	0.03
		Interquartile Range	0.00

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	536348.6	Pr > t	<.0001
Sign	M	2272	Pr >= M	<.0001
Signed Rank	S	5163120	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	

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	4.97	

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

	Moments			
N	4544	Sum Weights	4544	
Mean	319494.441	Sum Observations	1451782739	
Std Deviation	426713.394	Variance	1.82084E11	
Skewness	1.81700686	Kurtosis	2.82263442	
Uncorrected SS	1.29105E15	Corrected SS	8.27209E14	
Coeff Variation	133.558942	Std Error Mean	6330.19537	

	Basic Statistical Measures			
Location Variability			ility	
Mean	319,494.44	Std Deviation	426,713.39	
Median	97,598.00	Variance	182084320911.07	
Mode	69,679.00	Range	1,922,209.00	
		Interquartile Range	407,782.00	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	50.4715	Pr > t	<.0001
Sign	M	2272	Pr >= M	<.0001
Signed Rank	S	5163120	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	1,922,597.00	
99%	1,922,597.00	
95%	1,380,824.00	
90%	991,544.00	
75% Q3	451,165.00	

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

Quantiles (Definition 5)		
Level Quantile		
50% Median	97,598.00	
25% Q1	43,383.00	
10%	21,187.00	
5%	12,780.00	
1%	6,539.00	
0% Min	388.00	

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

Moments			
N	4544	Sum Weights	4544
Mean	57.0129842	Sum Observations	259067
Std Deviation	45.7476792	Variance	2092.85015
Skewness	1.06649476	Kurtosis	0.12864116
Uncorrected SS	24278001	Corrected SS	9507818.23
Coeff Variation	80.2408081	Std Error Mean	0.67865633

	Basic Statistical Measures				
Locati	Location Variability				
Mean	57.01	Std Deviation 45.75			
Median	43.00	Variance	2,092.85		
Mode	58.00	Range	170.00		
		Interquartile Range	57.00		

Tests for Location: Mu0=0				
Test Statistic p Value				
Student's t	t	84.00862	Pr > t	<.0001
Sign	M	2272	Pr >= M	<.0001
Signed Rank	S	5163120	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	172.00	
99%	172.00	
95%	158.00	
90%	129.00	
75% Q3	79.00	

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

Quantiles (Definition 5)		
Level Quantile		
50% Median	43.00	
25% Q1	22.00	
10%	12.00	
5%	8.00	
1%	3.00	
0% Min	2.00	

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

Moments				
N	4544	Sum Weights	4544	
Mean	63898.9474	Sum Observations	290356817	
Std Deviation	85342.6473	Variance	7283367455	
Skewness	1.81700496	Kurtosis	2.82262433	
Uncorrected SS	5.16418E13	Corrected SS	3.30883E13	
Coeff Variation	133.558769	Std Error Mean	1266.03861	

	Basic Statistical Measures				
Loc	Location Variability				
Mean	63,898.95	Std Deviation	85,342.65		
Median	19,520.00	Variance	7283367455.02		
Mode	13,936.00	Range	384,441.00		
		Interquartile Range	81,556.50		

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t 50.47156		Pr > t	<.0001	
Sign	M	2272	Pr >= M	<.0001	
Signed Rank	S	5163120	Pr >= S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	384,519.00	
99%	384,519.00	
95%	276,165.00	
90%	198,309.00	
75% Q3	90,233.00	

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

Quantiles (Definition 5)		
Level Quantile		
50% Median	19,520.00	
25% Q1	8,676.50	
10%	4,237.00	
5%	2,556.00	
1%	1,308.00	
0% Min	78.00	

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

Moments			
N	4544	Sum Weights	4544
Mean	54.6505282	Sum Observations	248332
Std Deviation	44.4030007	Variance	1971.62647
Skewness	1.01224406	Kurtosis	-0.0638666
Uncorrected SS	22528574	Corrected SS	8957099.04
Coeff Variation	81.2489872	Std Error Mean	0.65870833

	Basic Statistical Measures				
Locat	Location Variability				
Mean	54.65	Std Deviation 44.40			
Median	40.00	Variance	1,971.63		
Mode	58.00	Range	157.00		
		Interquartile Range	58.00		

Tests for Location: Mu0=0					
Test	Statistic		p Value		
Student's t	t	82.9662	Pr > t	<.0001	
Sign	M	2272	Pr >= M	<.0001	
Signed Rank	S	5163120	Pr >= S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	159.00	
99%	159.00	
95%	153.00	
90%	128.00	
75% Q3	78.00	

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

Quantiles (Definition 5)			
Level	Quantile		
50% Median	40.00		
25% Q1	20.00		
10%	10.00		
5%	7.00		
1%	3.00		
0% Min	2.00		