### HCUP Summary Statistics Report: NIS 2013 - Hospital File Means of Continuous Data Elements

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : NIS discharge weight	4,363	0	4.99	5.01	5.00	0.00
HOSP_BEDSIZE : Bed size of hospital (STRATA)	4,363	0	1.00	3.00	1.87	0.85
HOSP_DIVISION: Census Division of hospital (STRATA)	4,363	0	1.00	9.00	5.16	2.31
HOSP_LOCTEACH: Location/teaching status of hospital (STRATA)	4,363	0	1.00	3.00	1.85	0.76
HOSP_NIS: NIS hospital number	4,363	0	10,001.00	90,543.00	51,913.79	23,146.64
HOSP_REGION : Region of hospital	4,363	0	1.00	4.00	2.62	0.94
H_CONTRL: Control/ownership of hospital (STRATA)	4,363	0	1.00	3.00	1.99	0.60
NIS_STRATUM: NIS hospital stratum	4,363	0	1,131.00	9,332.00	5,379.25	2,319.12
N_DISC_U: Number of universe discharges in the stratum	4,363	0	626.00	1,725,467.00	301,769.73	390,655.21
N_HOSP_U: Number of universe hospitals in the stratum	4,363	0	2.00	173.00	51.16	41.12
S_DISC_U: Number of sample discharges in the stratum	4,363	0	125.00	345,093.00	60,353.98	78,131.02
S_HOSP_U: Number of sample hospitals in the stratum	4,363	0	2.00	152.00	47.47	38.66
TOTAL_DISC : Total number of discharges from this hospital in the NIS	4,363	0	1.00	27,176.00	1,631.80	2,048.11
YEAR : Calendar year	4,363	0	2,013.00	2,013.00	2,013.00	0.00

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	1,907	43.71%
2: Medium	1,124	25.76%
3: Large	1,332	30.53%

HOSP_DIVISION	Frequency	Percent of Total
1: New England	113	2.59%
2: Middle Atlantic	446	10.22%
3: East North Central	732	16.78%
4: West North Central	642	14.71%
5: South Atlantic	707	16.20%
6: East South Central	214	4.90%
7: West South Central	662	15.17%
8: Mountain	332	7.61%
9: Pacific	515	11.80%

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,658	38.00%
2: Urban nonteaching	1,712	39.24%
3: Urban teaching	993	22.76%

HOSP_REGION	Frequency	Percent of Total
1: Northeast	559	12.81%
2: Midwest	1,374	31.49%
3: South	1,583	36.28%
4: West	847	19.41%

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	821	18.82%
2: Private, not-for-profit (voluntary)	2,768	63.44%
3: Private, investor-owned (proprietary)	774	17.74%

NIS_STRATUM	Frequency	Percent of Total
1131	<= 10	*.**%
1211	<= 10	*.**%
1212	<= 10	*.**%
1221	21	0.48%
1222	11	0.25%
1223	<= 10	*.**%
1231	22	0.50%
1232	12	0.28%
1233	<= 10	*.**%
1321	<= 10	*.**%
1322	<= 10	*.**%
1331	<= 10	*.**%
1332	<= 10	*.**%
2112	<= 10	*.**%
2121	<= 10	*.**%
2131	<= 10	*.**%
2132	<= 10	*.**%
2133	<= 10	*.**%
2211	29	0.66%
2212	25	0.57%
2213	30	0.69%
2221	48	1.10%
2222	45	1.03%
2223	52	1.19%
2231	54	1.24%
2232	51	1.17%

NIS_STRATUM	Frequency	Percent of Total
2233	53	1.21%
2321	14	0.32%
2322	<= 10	*.**%
2323	<= 10	*.**%
2331	<= 10	*.**%
2332	<= 10	*.**%
3111	35	0.80%
3112	<= 10	*.**%
3113	13	0.30%
3121	12	0.28%
3122	<= 10	*.**%
3131	<= 10	*.**%
3133	<= 10	*.**%
3211	104	2.38%
3212	27	0.62%
3213	77	1.76%
3221	85	1.95%
3222	74	1.70%
3223	77	1.76%
3231	56	1.28%
3232	43	0.99%
3233	54	1.24%
3311	<= 10	*.**%
3313	<= 10	*.**%
3321	17	0.39%
3322	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
3323	<= 10	*.**%
3331	<= 10	*.**%
3332	<= 10	*.**%
3333	<= 10	*.**%
4111	152	3.48%
4112	19	0.44%
4113	26	0.60%
4121	21	0.48%
4122	<= 10	*.**%
4123	<= 10	*.**%
4131	<= 10	*.**%
4133	<= 10	*.**%
4211	152	3.48%
4212	19	0.44%
4213	60	1.38%
4221	43	0.99%
4222	21	0.48%
4223	21	0.48%
4231	26	0.60%
4232	16	0.37%
4233	24	0.55%
4311	<= 10	*.**%
4313	<= 10	*.**%
4321	<= 10	*.**%
4322	<= 10	*.**%
4323	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
4331	<= 10	*.**%
4332	<= 10	*.**%
5111	25	0.57%
5112	16	0.37%
5113	25	0.57%
5121	16	0.37%
5122	12	0.28%
5123	16	0.37%
5131	<= 10	*.**%
5132	<= 10	*.**%
5133	12	0.28%
5211	42	0.96%
5212	28	0.64%
5213	44	1.01%
5221	63	1.44%
5222	49	1.12%
5223	54	1.24%
5231	41	0.94%
5232	41	0.94%
5233	45	1.03%
5311	14	0.32%
5312	11	0.25%
5313	30	0.69%
5321	22	0.50%
5322	35	0.80%
5323	48	1.10%

NIS_STRATUM	Frequency	Percent of Total
5331	<= 10	*.**%
5332	<= 10	*.**%
5333	<= 10	*.**%
6111	15	0.34%
6112	<= 10	*.**%
6113	<= 10	*.**%
6123	<= 10	*.**%
6131	<= 10	*.**%
6133	<= 10	*.**%
6211	25	0.57%
6212	12	0.28%
6213	24	0.55%
6221	15	0.34%
6222	<= 10	*.**%
6223	<= 10	*.**%
6231	<= 10	*.**%
6232	15	0.34%
6233	<= 10	*.**%
6311	<= 10	*.**%
6312	11	0.25%
6313	<= 10	*.**%
6321	17	0.39%
6322	<= 10	*.**%
6323	<= 10	*.**%
6331	<= 10	*.**%
6333	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
7111	43	0.99%
7112	17	0.39%
7113	<= 10	*.**%
7121	22	0.50%
7122	<= 10	*.**%
7123	<= 10	*.**%
7131	<= 10	*.**%
7132	<= 10	*.**%
7133	<= 10	*.**%
7211	49	1.12%
7212	22	0.50%
7213	26	0.60%
7221	42	0.96%
7222	24	0.55%
7223	30	0.69%
7231	34	0.78%
7232	24	0.55%
7233	16	0.37%
7311	27	0.62%
7312	11	0.25%
7313	23	0.53%
7321	116	2.66%
7322	25	0.57%
7323	25	0.57%
7331	22	0.50%
7332	17	0.39%

NIS_STRATUM	Frequency	Percent of Total
7333	<= 10	*.**%
8111	26	0.60%
8112	24	0.55%
8113	11	0.25%
8123	<= 10	*.**%
8131	<= 10	*.**%
8133	<= 10	*.**%
8211	30	0.69%
8212	36	0.83%
8213	18	0.41%
8221	22	0.50%
8222	17	0.39%
8223	33	0.76%
8231	<= 10	*.**%
8232	<= 10	*.**%
8233	14	0.32%
8312	<= 10	*.**%
8313	<= 10	*.**%
8321	16	0.37%
8322	20	0.46%
8323	11	0.25%
8331	<= 10	*.**%
8332	<= 10	*.**%
8333	<= 10	*.**%
9111	22	0.50%
9112	24	0.55%

NIS_STRATUM	Frequency	Percent of Total
9113	<= 10	*.**%
9121	22	0.50%
9122	11	0.25%
9123	<= 10	*.**%
9131	<= 10	*.**%
9132	<= 10	*.**%
9133	15	0.34%
9211	<= 10	*.**%
9212	25	0.57%
9213	18	0.41%
9221	49	1.12%
9222	53	1.21%
9223	84	1.93%
9231	27	0.62%
9232	23	0.53%
9233	37	0.85%
9321	23	0.53%
9322	26	0.60%
9323	23	0.53%
9332	<= 10	*.**%

### Variable: DISCWT (NIS discharge weight)

Moments				
N	4363	Sum Weights	4363	
Mean	4.99998239	Sum Observations	21814.9232	
<b>Std Deviation</b>	0.00028482	Variance	8.11202E-8	
Skewness	7.01389179	Kurtosis	359.033746	
Uncorrected SS	109074.232	Corrected SS	0.00035385	
Coeff Variation	0.00569634	Std Error Mean	4.31193E-6	

	Basic Statistical Measures			
Loca	Location Variability			
Mean	4.999982	Std Deviation 0.00028		
Median	5.000000	Variance	8.11202E-8	
Mode	5.000000	<b>Range</b> 0.0130		
		Interquartile Range	0.0000907	

Tests for Location: Mu0=0						
Test Statistic p Value						
Student's t	t 1159569		Pr >  t	<.0001		
Sign	<b>M</b> 2181.5		Pr >=  M	<.0001		
Signed Rank	S					

Variable: DISCWT (NIS discharge weight)

Quantiles (Definition 5)		
Level	Quantile	
100% Max	5.00800	
99%	5.00071	
95%	5.00022	
90%	5.00006	
75% Q3	5.00002	
50% Median	5.00000	
25% Q1	4.99993	
10%	4.99980	
5%	4.99973	
1%	4.99939	
0% Min	4.99491	

#### Variable: N\_DISC\_U (Number of universe discharges in the stratum)

Moments				
N	4363	Sum Weights	4363	
Mean	301769.733	Sum Observations	1316621345	
Std Deviation	390655.207	Variance	1.52611E11	
Skewness	2.07321649	Kurtosis	3.86665605	
Uncorrected SS	1.06301E15	Corrected SS	6.65691E14	
Coeff Variation	129.454735	Std Error Mean	5914.26814	

Basic Statistical Measures				
Loca	Location Variability			
Mean	301769.7	Std Deviation	390655	
Median	139590.0	Variance	1.52611E11	
Mode	67304.0	Range	1724841	
		Interquartile Range	322608	

Note: The mode displayed is the smallest of 2 modes with a count of 152.

Tests for Location: Mu0=0					
Test Statistic p Value					
Student's t	t 51.02402		Pr >  t	<.0001	
Sign	M	2181.5	Pr >=  M	<.0001	
Signed Rank	S	4760033	Pr >=  S	<.0001	

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

Quantiles (Definition 5)		
Level	Quantile	
100% Max	1725467	
99%	1725467	
95%	1377524	
90%	887360	
75% Q3	378522	
50% Median	139590	
25% Q1	55914	
10%	23406	
5%	18484	
1%	7714	
0% Min	626	

#### Variable: N\_HOSP\_U (Number of universe hospitals in the stratum)

Moments				
N	4363	Sum Weights	4363	
Mean	51.1604401	Sum Observations	223213	
<b>Std Deviation</b>	41.1165455	Variance	1690.57031	
Skewness	1.49757965	Kurtosis	1.66465068	
Uncorrected SS	18793943	Corrected SS	7374267.69	
Coeff Variation	80.3678495	Std Error Mean	0.62247801	

Basic Statistical Measures				
Location Variability				
Mean	51.16044	Std Deviation	41.11655	
Median	41.00000	Variance	1691	
Mode	54.00000	<b>Range</b> 171.000		
		Interquartile Range	36.00000	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	82.18835	Pr >  t	<.0001
Sign	M	2181.5	Pr >=  M	<.0001
Signed Rank	S	4760033	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Level	Quantile	
100% Max	173	
99%	173	
95%	152	
90%	105	
75% Q3	60	
50% Median	41	
25% Q1	24	
10%	12	
5%	7	
1%	3	
0% Min	2	

Variable: S\_DISC\_U (Number of sample discharges in the stratum)

Moments					
N	4363	Sum Weights	4363		
Mean	60353.9803	Sum Observations	263324416		
<b>Std Deviation</b>	78131.0163	Variance	6104455702		
Skewness	2.07321825	Kurtosis	3.86666165		
Uncorrected SS	4.25203E13	Corrected SS	2.66276E13		
Coeff Variation	129.454621	Std Error Mean	1182.85325		

	Basic Statistical Measures				
Loca	ation	Variability			
Mean	60353.98	Std Deviation	78131		
Median	27918.00	Variance	6104455702		
Mode	13461.00	Range	344968		
		Interquartile Range	64521		

Note: The mode displayed is the smallest of 2 modes with a count of 152.

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	51.02406	Pr >  t	<.0001
Sign	M	2181.5	Pr >=  M	<.0001
Signed Rank	S	4760033	Pr >=  S	<.0001

Variable: S\_DISC\_U (Number of sample discharges in the stratum)

Quantiles (Definition 5)		
Level	Quantile	
100% Max	345093	
99%	345093	
95%	275505	
90%	177472	
75% Q3	75704	
50% Median	27918	
25% Q1	11183	
10%	4681	
5%	3697	
1%	1543	
0% Min	125	

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

Moments				
N	4363	Sum Weights	4363	
Mean	47.4694018	Sum Observations	207109	
<b>Std Deviation</b>	38.6649532	Variance	1494.9786	
Skewness	1.41512663	Kurtosis	1.36678326	
Uncorrected SS	16352437	Corrected SS	6521096.67	
Coeff Variation	81.4523708	Std Error Mean	0.58536248	

	Basic Statistical Measures				
Location Variabili					
Mean	47.4694	Std Deviation	38.66495		
Median	36.0000	Variance	1495		
Mode	152.0000	Range	150.00000		
		Interquartile Range	34.00000		

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	81.09403	Pr >  t	<.0001
Sign	M	2181.5	Pr >=  M	<.0001
Signed Rank	S	4760033	Pr >=  S	<.0001

Variable: S\_HOSP\_U (Number of sample hospitals in the stratum)

Quantiles (Definition 5)		
Level	Quantile	
100% Max	152	
99%	152	
95%	152	
90%	104	
75% Q3	56	
50% Median	36	
25% Q1	22	
10%	11	
5%	7	
1%	3	
0% Min	2	