### HCUP Summary Statistics Report: NIS 2012 - Hospital File Means of Continuous Data Elements

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : NIS discharge weight	4,378	0	5.00	5.00	5.00	0.00
HOSP_BEDSIZE : Bed size of hospital (STRATA)	4,378	0	1.00	3.00	1.87	0.85
HOSP_DIVISION: Census Division of hospital (STRATA)	4,378	0	1.00	9.00	5.16	2.33
HOSP_LOCTEACH: Location/teaching status of hospital (STRATA)	4,378	0	1.00	3.00	1.84	0.76
HOSP_NIS: NIS hospital number	4,378	0	10,002.00	90,539.00	51,922.45	23,253.47
HOSP_REGION : Region of hospital	4,378	0	1.00	4.00	2.62	0.94
H_CONTRL: Control/ownership of hospital (STRATA)	4,378	0	1.00	3.00	1.99	0.61
NIS_STRATUM: NIS hospital stratum	4,378	0	1,131.00	9,332.00	5,379.79	2,329.95
N_DISC_U: Number of universe discharges in the stratum	4,378	0	2,009.00	1,800,847.00	311,307.54	403,802.81
N_HOSP_U: Number of universe hospitals in the stratum	4,378	0	2.00	170.00	51.14	40.97
S_DISC_U: Number of sample discharges in the stratum	4,378	0	402.00	360,169.00	62,261.55	80,760.53
S_HOSP_U: Number of sample hospitals in the stratum	4,378	0	2.00	156.00	47.41	38.22
TOTAL_DISC : Total number of discharges from this hospital in the NIS	4,378	0	1.00	27,912.00	1,666.74	2,067.60
YEAR : Calendar year	4,378	0	2,012.00	2,012.00	2,012.00	0.00

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	1,915	43.74%
2: Medium	1,131	25.83%
3: Large	1,332	30.42%

HOSP_DIVISION	Frequency	Percent of Total
1: New England	124	2.83%
2: Middle Atlantic	444	10.14%
3: East North Central	731	16.70%
4: West North Central	639	14.60%
5: South Atlantic	706	16.13%
6: East South Central	214	4.89%
7: West South Central	666	15.21%
8: Mountain	329	7.51%
9: Pacific	525	11.99%

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,666	38.05%
2: Urban nonteaching	1,728	39.47%
3: Urban teaching	984	22.48%

HOSP_REGION	Frequency	Percent of Total
1: Northeast	568	12.97%
2: Midwest	1,370	31.29%
3: South	1,586	36.23%
4: West	854	19.51%

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	837	19.12%
2: Private, not-for-profit (voluntary)	2,762	63.09%
3: Private, investor-owned (proprietary)	779	17.79%

NIS_STRATUM	Frequency	Percent of Total
1131	<= 10	*.**%
1211	<= 10	*.**%
1212	<= 10	*.**%
1221	26	0.59%
1222	<= 10	*.**%
1223	11	0.25%
1231	26	0.59%
1232	13	0.30%
1233	<= 10	*.**%
1321	<= 10	*.**%
1322	<= 10	*.**%
1331	<= 10	*.**%
1332	<= 10	*.**%
2112	<= 10	*.**%
2121	<= 10	*.**%
2131	<= 10	*.**%
2132	13	0.30%
2133	<= 10	*.**%
2211	28	0.64%
2212	24	0.55%
2213	32	0.73%
2221	51	1.16%
2222	44	1.01%
2223	53	1.21%
2231	54	1.23%
2232	47	1.07%

NIS_STRATUM	Frequency	Percent of Total
2233	55	1.26%
2321	12	0.27%
2322	<= 10	*.**%
2323	<= 10	*.**%
2331	<= 10	*.**%
3111	36	0.82%
3112	<= 10	*.**%
3113	13	0.30%
3121	12	0.27%
3122	<= 10	*.**%
3131	<= 10	*.**%
3133	<= 10	*.**%
3211	105	2.40%
3212	26	0.59%
3213	78	1.78%
3221	82	1.87%
3222	76	1.74%
3223	80	1.83%
3231	49	1.12%
3232	46	1.05%
3233	54	1.23%
3311	<= 10	*.**%
3313	<= 10	*.**%
3321	15	0.34%
3322	<= 10	*.**%
3323	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
3331	<= 10	*.**%
3332	<= 10	*.**%
4111	156	3.56%
4112	18	0.41%
4113	22	0.50%
4121	22	0.50%
4123	<= 10	*.**%
4131	<= 10	*.**%
4133	<= 10	*.**%
4211	144	3.29%
4212	22	0.50%
4213	61	1.39%
4221	39	0.89%
4222	29	0.66%
4223	21	0.48%
4231	25	0.57%
4232	17	0.39%
4233	23	0.53%
4311	<= 10	*.**%
4313	<= 10	*.**%
4321	<= 10	*.**%
4323	<= 10	*.**%
4331	<= 10	*.**%
4332	<= 10	*.**%
5111	31	0.71%
5112	16	0.37%

NIS_STRATUM	Frequency	Percent of Total
5113	23	0.53%
5121	18	0.41%
5122	18	0.41%
5123	14	0.32%
5131	<= 10	*.**%
5132	<= 10	*.**%
5133	13	0.30%
5211	41	0.94%
5212	27	0.62%
5213	43	0.98%
5221	60	1.37%
5222	50	1.14%
5223	53	1.21%
5231	42	0.96%
5232	34	0.78%
5233	46	1.05%
5311	14	0.32%
5312	12	0.27%
5313	31	0.71%
5321	18	0.41%
5322	41	0.94%
5323	49	1.12%
5331	<= 10	*.**%
5332	<= 10	*.**%
6111	14	0.32%
6112	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
6113	<= 10	*.**%
6131	<= 10	*.**%
6133	<= 10	*.**%
6211	25	0.57%
6212	12	0.27%
6213	23	0.53%
6221	16	0.37%
6222	11	0.25%
6223	<= 10	*.**%
6231	<= 10	*.**%
6232	16	0.37%
6233	<= 10	*.**%
6311	<= 10	*.**%
6312	<= 10	*.**%
6313	<= 10	*.**%
6321	14	0.32%
6322	<= 10	*.**%
6323	<= 10	*.**%
6331	<= 10	*.**%
6333	<= 10	*.**%
7111	42	0.96%
7112	18	0.41%
7113	<= 10	*.**%
7121	23	0.53%
7122	<= 10	*.**%
7123	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
7131	11	0.25%
7132	<= 10	*.**%
7133	<= 10	*.**%
7211	51	1.16%
7212	19	0.43%
7213	27	0.62%
7221	40	0.91%
7222	22	0.50%
7223	30	0.69%
7231	37	0.85%
7232	21	0.48%
7233	17	0.39%
7311	31	0.71%
7312	<= 10	*.**%
7313	23	0.53%
7321	117	2.67%
7322	26	0.59%
7323	25	0.57%
7331	22	0.50%
7332	16	0.37%
7333	<= 10	*.**%
8111	31	0.71%
8112	21	0.48%
8113	<= 10	*.**%
8123	<= 10	*.**%
8131	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
8133	<= 10	*.**%
8211	28	0.64%
8212	35	0.80%
8213	19	0.43%
8221	21	0.48%
8222	15	0.34%
8223	35	0.80%
8231	<= 10	*.**%
8232	<= 10	*.**%
8233	14	0.32%
8312	<= 10	*.**%
8313	<= 10	*.**%
8321	14	0.32%
8322	21	0.48%
8323	<= 10	*.**%
8331	<= 10	*.**%
8332	<= 10	*.**%
8333	<= 10	*.**%
9111	21	0.48%
9112	26	0.59%
9113	12	0.27%
9121	25	0.57%
9122	11	0.25%
9123	<= 10	*.**%
9131	<= 10	*.**%
9132	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
9133	13	0.30%
9211	<= 10	*.**%
9212	26	0.59%
9213	19	0.43%
9221	51	1.16%
9222	48	1.10%
9223	85	1.94%
9231	25	0.57%
9232	25	0.57%
9233	36	0.82%
9321	24	0.55%
9322	30	0.69%
9323	23	0.53%
9332	<= 10	*.**%

#### Variable: DISCWT (NIS discharge weight)

Moments				
N	4378	Sum Weights	4378	
Mean	4.99999918	<b>Sum Observations</b>	21889.9964	
<b>Std Deviation</b>	0.00020841	Variance	4.34335E-8	
Skewness	3.63501652	Kurtosis	67.72531	
<b>Uncorrected SS</b>	109449.964	Corrected SS	0.00019011	
Coeff Variation	0.00416814	Std Error Mean	3.14974E-6	

Basic Statistical Measures				
Location Variability				
Mean	4.999999	Std Deviation	0.0002084	
Median	5.000000	Variance	4.34335E-8	
Mode	5.000000	<b>Range</b> 0.0053		
		Interquartile Range	0.0000464	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	1587433	Pr >  t	<.0001	
Sign	M	2189	Pr >=  M	<.0001	
Signed Rank	S	4792816	Pr >=  S	<.0001	

Variable: DISCWT (NIS discharge weight)

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	5.00290	
99%	5.00046	
95%	5.00027	
90%	5.00013	
75% Q3	5.00001	
50% Median	5.00000	
25% Q1	4.99997	
10%	4.99987	
5%	4.99976	
1%	4.99954	
0% Min	4.99751	

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

Moments				
N	4378	Sum Weights	4378	
Mean	311307.538	Sum Observations	1362904403	
<b>Std Deviation</b>	403802.814	Variance	1.63057E11	
Skewness	2.12122798	Kurtosis	4.11717677	
<b>Uncorrected SS</b>	1.13798E15	Corrected SS	7.13699E14	
Coeff Variation	129.711865	Std Error Mean	6102.83267	

Basic Statistical Measures				
Location Variability				
Mean	311307.5	Std Deviation	403803	
Median	152829.0	Variance	1.63057E11	
Mode	70734.0	Range	1798838	
		Interquartile Range	348418	

Tests for Location: Mu0=0					
Test Statistic p Value					
Student's t	t 51.01033		Pr >  t	<.0001	
Sign	M	2189	Pr >=  M	<.0001	
Signed Rank	S	4792816	Pr >=  S	<.0001	

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

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	1800847	
99%	1800847	
95%	1419882	
90%	847009	
75% Q3	405398	
50% Median	152829	
25% Q1	56980	
10%	24872	
5%	19143	
1%	7037	
0% Min	2009	

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

Moments				
N	4378	Sum Weights	4378	
Mean	51.1439013	<b>Sum Observations</b>	223908	
<b>Std Deviation</b>	40.9700999	Variance	1678.54908	
Skewness	1.50587835	Kurtosis	1.64419591	
<b>Uncorrected SS</b>	18798538	Corrected SS	7347009.34	
Coeff Variation	80.1074983	Std Error Mean	0.61919743	

Basic Statistical Measures				
Location Variability				
Mean	51.14390	Std Deviation	40.97010	
Median	41.00000	Variance 167		
Mode	54.00000	Range 168.0000		
		Interquartile Range	36.00000	

Tests for Location: Mu0=0				
Test	Sta	atistic	p Val	ue
Student's t	t	82.59708	Pr >  t	<.0001
Sign	M	2189	Pr >=  M	<.0001
Signed Rank	S	4792816	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	170	
99%	170	
95%	157	
90%	106	
75% Q3	60	
50% Median	41	
25% Q1	24	
10%	13	
5%	8	
1%	3	
0% Min	2	

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

Moments					
N	4378	Sum Weights	4378		
Mean	62261.5516	<b>Sum Observations</b>	272581073		
<b>Std Deviation</b>	80760.525	Variance	6522262404		
Skewness	2.12122435	Kurtosis	4.1171597		
Uncorrected SS	4.55193E13	Corrected SS	2.85479E13		
Coeff Variation	129.711713	Std Error Mean	1220.56596		

	Basic Statistical Measures				
Location Variabi			y		
Mean	62261.55	Std Deviation	80761		
Median	30566.00	Variance	6522262404		
Mode	14147.00	Range	359767		
		Interquartile Range	69684		

Tests for Location: Mu0=0				
Test	Sta	atistic	p Val	ue
Student's t	t	51.01039	Pr >  t	<.0001
Sign	M	2189	Pr >=  M	<.0001
Signed Rank	S	4792816	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	360169	
99%	360169	
95%	283976	
90%	169402	
75% Q3	81080	
50% Median	30566	
25% Q1	11396	
10%	4974	
5%	3829	
1%	1407	
0% Min	402	

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

Moments				
N	4378	Sum Weights	4378	
Mean	47.4106898	Sum Observations	207564	
<b>Std Deviation</b>	38.2168924	Variance	1460.53086	
Skewness	1.41214928	Kurtosis	1.36092881	
<b>Uncorrected SS</b>	16233496	Corrected SS	6392743.58	
Coeff Variation	80.6081761	Std Error Mean	0.57758711	

	Basic Statistical Measures				
Location Variability			7		
Mean	47.41069	Std Deviation	38.21689		
Median	36.00000	Variance	1461		
Mode	26.00000	Range	154.00000		
		Interquartile Range	33.00000		

Note: The mode displayed is the smallest of 2 modes with a count of 156.

Tests for Location: Mu0=0				
Test	Statistic p Value			ue
Student's t	t	82.08405	Pr >  t	<.0001
Sign	M	2189	Pr >=  M	<.0001
Signed Rank	S	4792816	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	156	
99%	156	
95%	144	
90%	105	
75% Q3	55	
50% Median	36	
25% Q1	22	
10%	11	
5%	7	
1%	3	
0% Min	2	