#### HCUP Summary Statistics Report: NIS 2014 - Hospital File Means of Continuous Data Elements

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : NIS discharge weight	4,411	0	5.00	5.00	5.00	0.00
HOSP_BEDSIZE : Bed size of hospital (STRATA)	4,411	0	1.00	3.00	1.76	0.83
HOSP_DIVISION: Census Division of hospital (STRATA)	4,411	0	1.00	9.00	5.12	2.34
HOSP_LOCTEACH: Location/teaching status of hospital (STRATA)	4,411	0	1.00	3.00	1.95	0.82
HOSP_NIS: NIS hospital number	4,411	0	10,001.00	90,539.00	51,501.84	23,415.20
HOSP_REGION : Region of hospital	4,411	0	1.00	4.00	2.61	0.95
H_CONTRL: Control/ownership of hospital (STRATA)	4,411	0	1.00	3.00	1.99	0.60
NIS_STRATUM: NIS hospital stratum	4,411	0	1,111.00	9,333.00	5,339.11	2,345.13
N_DISC_U: Number of universe discharges in the stratum	4,411	0	630.00	1,774,101.00	295,041.16	386,209.06
N_HOSP_U: Number of universe hospitals in the stratum	4,411	0	2.00	170.00	50.69	40.72
S_DISC_U: Number of sample discharges in the stratum	4,411	0	126.00	354,820.00	59,008.21	77,241.81
S_HOSP_U : Number of sample hospitals in the stratum	4,411	0	2.00	155.00	47.58	38.87
TOTAL_DISC : Total number of discharges from this hospital in the NIS	4,411	0	1.00	20,839.00	1,603.21	2,014.21
YEAR : Calendar year	4,411	0	2,014.00	2,014.00	2,014.00	0.00

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	2,158	48.92%
2: Medium	1,138	25.80%
3: Large	1,115	25.28%

HOSP_DIVISION	Frequency	Percent of Total
1: New England	156	3.54%
2: Middle Atlantic	446	10.11%
3: East North Central	735	16.66%
4: West North Central	644	14.60%
5: South Atlantic	714	16.19%
6: East South Central	198	4.49%
7: West South Central	669	15.17%
8: Mountain	331	7.50%
9: Pacific	518	11.74%

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,586	35.96%
2: Urban nonteaching	1,449	32.85%
3: Urban teaching	1,376	31.19%

HOSP_REGION	Frequency	Percent of Total
1: Northeast	602	13.65%
2: Midwest	1,379	31.26%
3: South	1,581	35.84%
4: West	849	19.25%

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	822	18.64%
2: Private, not-for-profit (voluntary)	2,820	63.93%
3: Private, investor-owned (proprietary)	769	17.43%

NIS_STRATUM	Frequency	Percent of Total
1111	<= 10	*.**%
1131	<= 10	*.**%
1211	26	0.59%
1212	<= 10	*.**%
1213	<= 10	*.**%
1221	28	0.63%
1222	<= 10	*.**%
1223	<= 10	*.**%
1231	38	0.86%
1232	16	0.36%
1233	11	0.25%
1321	<= 10	*.**%
1322	<= 10	*.**%
1331	<= 10	*.**%
1332	<= 10	*.**%
2112	<= 10	*.**%
2131	<= 10	*.**%
2132	<= 10	*.**%
2133	<= 10	*.**%
2211	26	0.59%
2212	23	0.52%
2213	26	0.59%
2221	48	1.09%
2222	34	0.77%
2223	26	0.59%
2231	90	2.04%

NIS_STRATUM	Frequency	Percent of Total
2232	61	1.38%
2233	55	1.25%
2321	<= 10	*.**%
2322	<= 10	*.**%
2323	<= 10	*.**%
2331	<= 10	*.**%
2332	<= 10	*.**%
2333	<= 10	*.**%
3111	34	0.77%
3112	<= 10	*.**%
3113	11	0.25%
3121	14	0.32%
3122	<= 10	*.**%
3131	<= 10	*.**%
3133	<= 10	*.**%
3211	108	2.45%
3212	26	0.59%
3213	73	1.65%
3221	78	1.77%
3222	61	1.38%
3223	50	1.13%
3231	92	2.09%
3232	55	1.25%
3233	55	1.25%
3311	<= 10	*.**%
3312	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
3313	<= 10	*.**%
3321	<= 10	*.**%
3322	<= 10	*.**%
3323	<= 10	*.**%
3331	15	0.34%
3332	<= 10	*.**%
3333	<= 10	*.**%
4111	155	3.51%
4112	18	0.41%
4113	21	0.48%
4121	20	0.45%
4122	<= 10	*.**%
4123	<= 10	*.**%
4131	<= 10	*.**%
4133	<= 10	*.**%
4211	152	3.45%
4212	21	0.48%
4213	48	1.09%
4221	49	1.11%
4222	24	0.54%
4223	19	0.43%
4231	35	0.79%
4232	20	0.45%
4233	20	0.45%
4311	<= 10	*.**%
4313	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
4321	<= 10	*.**%
4323	<= 10	*.**%
4331	<= 10	*.**%
4333	<= 10	*.**%
5111	26	0.59%
5112	17	0.39%
5113	22	0.50%
5121	18	0.41%
5122	12	0.27%
5123	11	0.25%
5131	<= 10	*.**%
5132	<= 10	*.**%
5133	12	0.27%
5211	39	0.88%
5212	19	0.43%
5213	32	0.73%
5221	61	1.38%
5222	44	1.00%
5223	37	0.84%
5231	70	1.59%
5232	54	1.22%
5233	49	1.11%
5311	13	0.29%
5312	<= 10	*.**%
5313	24	0.54%
5321	29	0.66%

NIS_STRATUM	Frequency	Percent of Total
5322	34	0.77%
5323	36	0.82%
5331	12	0.27%
5332	17	0.39%
5333	<= 10	*.**%
6111	12	0.27%
6112	<= 10	*.**%
6113	<= 10	*.**%
6122	<= 10	*.**%
6123	<= 10	*.**%
6131	<= 10	*.**%
6133	<= 10	*.**%
6211	24	0.54%
6212	<= 10	*.**%
6213	23	0.52%
6221	15	0.34%
6222	<= 10	*.**%
6223	<= 10	*.**%
6231	12	0.27%
6232	16	0.36%
6233	<= 10	*.**%
6311	<= 10	*.**%
6312	<= 10	*.**%
6313	<= 10	*.**%
6321	11	0.25%
6322	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
6331	<= 10	*.**%
6333	<= 10	*.**%
7111	44	1.00%
7112	15	0.34%
7113	<= 10	*.**%
7121	21	0.48%
7122	<= 10	*.**%
7123	<= 10	*.**%
7131	11	0.25%
7132	<= 10	*.**%
7133	<= 10	*.**%
7211	51	1.16%
7212	25	0.57%
7213	20	0.45%
7221	42	0.95%
7222	20	0.45%
7223	12	0.27%
7231	49	1.11%
7232	36	0.82%
7233	18	0.41%
7311	25	0.57%
7312	13	0.29%
7313	19	0.43%
7321	104	2.36%
7322	22	0.50%
7323	14	0.32%

NIS_STRATUM	Frequency	Percent of Total
7331	46	1.04%
7332	21	0.48%
7333	<= 10	*.**%
8111	26	0.59%
8112	22	0.50%
8113	12	0.27%
8121	<= 10	*.**%
8131	<= 10	*.**%
8133	<= 10	*.**%
8211	31	0.70%
8212	35	0.79%
8213	16	0.36%
8221	25	0.57%
8222	<= 10	*.**%
8223	20	0.45%
8231	15	0.34%
8232	15	0.34%
8233	18	0.41%
8312	<= 10	*.**%
8313	<= 10	*.**%
8321	14	0.32%
8322	18	0.41%
8323	<= 10	*.**%
8331	<= 10	*.**%
8332	<= 10	*.**%
8333	<= 10	*.**%

NIS_STRATUM	Frequency	Percent of Total
9111	23	0.52%
9112	24	0.54%
9113	<= 10	*.**%
9121	24	0.54%
9122	<= 10	*.**%
9123	<= 10	*.**%
9131	<= 10	*.**%
9132	<= 10	*.**%
9133	16	0.36%
9211	<= 10	*.**%
9212	22	0.50%
9213	13	0.29%
9221	52	1.18%
9222	44	1.00%
9223	49	1.11%
9231	52	1.18%
9232	33	0.75%
9233	51	1.16%
9321	21	0.48%
9322	24	0.54%
9323	16	0.36%
9331	<= 10	*.**%
9332	<= 10	*.**%
9333	<= 10	*.**%

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

Moments				
N	4411	4411 Sum Weights		
Mean	4.99999057	Sum Observations	22054.9584	
<b>Std Deviation</b>	0.00022966	Variance	5.27445E-8	
Skewness	-6.1633308	Kurtosis	102.44091	
Uncorrected SS	110274.584	Corrected SS	0.0002326	
Coeff Variation	0.00459324	Std Error Mean	3.45796E-6	

Basic Statistical Measures				
Location Variability				
Mean	4.999991	Std Deviation	0.0002297	
Median	5.000000	Variance	5.27445E-8	
Mode	5.000000	Range	0.00621	
		Interquartile Range	0.0000551	

Tests for Location: Mu0=0						
Test	Statistic p Value					
Student's t	t	1445936	Pr >  t	<.0001		
Sign	M 2205.5		Pr >=  M	<.0001		
Signed Rank	S					

Variable: DISCWT (NIS discharge weight)

Quantiles (Definition 5)		
Level	Quantile	
100% Max	5.00182	
99%	5.00047	
95%	5.00027	
90%	5.00014	
75% Q3	5.00003	
50% Median	5.00000	
25% Q1	4.99998	
10%	4.99989	
5%	4.99972	
1%	4.99912	
0% Min	4.99560	

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

Moments			
N	4411	Sum Weights 44	
Mean	295041.16	<b>Sum Observations</b>	1301426558
Std Deviation	386209.056	Variance	1.49157E11
Skewness	2.19586267	Kurtosis	4.77890576
Uncorrected SS	1.04176E15	Corrected SS	6.57784E14
Coeff Variation	130.90006	Std Error Mean	5815.05631

Basic Statistical Measures				
Location Variability				
Mean	295041.2	Std Deviation	386209	
Median	132871.0	Variance	1.49157E11	
Mode	66594.0	Range	1773471	
		Interquartile Range	310638	

Tests for Location: Mu0=0					
Test Statistic p Value					
Student's t	t 50.73746		Pr >  t	<.0001	
Sign	M	2205.5	Pr >=  M	<.0001	
Signed Rank	S	4865333	Pr >=  S	<.0001	

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

Quantiles (Definition 5)		
Level	Quantile	
100% Max	1774101	
99%	1774101	
95%	1067033	
90%	697876	
75% Q3	363716	
50% Median	132871	
25% Q1	53078	
10%	23572	
5%	14951	
1%	7703	
0% Min	630	

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

Moments				
N	4411	4411 Sum Weights		
Mean	50.6934935	Sum Observations	223609	
Std Deviation	40.7248096	Variance	1658.51011	
Skewness	1.44691979	Kurtosis	1.59723108	
Uncorrected SS	18649551	Corrected SS	7314029.6	
Coeff Variation	80.3353778	Std Error Mean	0.6131836	

Basic Statistical Measures				
Location Variability				
Mean	50.69349	Std Deviation	40.72481	
Median	40.00000	Variance	1659	
Mode	55.00000	Range	168.00000	
		Interquartile Range	39.00000	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	t $82.67262$ $ \mathbf{Pr} >  \mathbf{t} $		<.0001
Sign	M	2205.5	Pr >=  M	<.0001
Signed Rank	S	4865333	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Level	Quantile	
100% Max	170	
99%	170	
95%	155	
90%	108	
75% Q3	61	
50% Median	40	
25% Q1	22	
10%	12	
5%	8	
1%	3	
0% Min	2	

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

Moments				
N	4411	Sum Weights	4411	
Mean	59008.207	<b>Sum Observations</b>	260285201	
Std Deviation	77241.8121	Variance	5966297529	
Skewness	2.19586441	Kurtosis	4.77891136	
Uncorrected SS	4.16703E13	Corrected SS	2.63114E13	
Coeff Variation	130.900117	Std Error Mean	1163.01127	

	Basic Statistical Measures				
Loca	ation	Variability			
Mean	59008.21	Std Deviation	77242		
Median	26574.00	Variance	5966297529		
Mode	13319.00	Range	354694		
		Interquartile Range	62127		

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	50.73743	Pr >  t	<.0001
Sign	M	2205.5	Pr >=  M	<.0001
Signed Rank	S	4865333	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Level	Quantile	
100% Max	354820	
99%	354820	
95%	213407	
90%	139575	
75% Q3	72743	
50% Median	26574	
25% Q1	10616	
10%	4714	
5%	2990	
1%	1541	
0% Min	126	

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

Moments				
N	4411	Sum Weights	4411	
Mean	47.5817275	<b>Sum Observations</b>	209883	
<b>Std Deviation</b>	38.8682503	Variance	1510.74088	
Skewness	1.39999617	Kurtosis	1.40234265	
Uncorrected SS	16648963	Corrected SS	6662367.29	
Coeff Variation	81.6873458	Std Error Mean	0.58522984	

	Basic Statistical Measures				
Location Variability					
Mean	47.58173	Std Deviation	38.86825		
Median	37.00000	Variance	1511		
Mode	49.00000	Range	153.00000		
		Interquartile Range	41.00000		

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	t 81.30434 Pr		<.0001
Sign	M	2205.5	Pr >=  M	<.0001
Signed Rank	S	4865333	Pr >=  S	<.0001

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

Quantiles (Definition 5)		
Level	Quantile	
100% Max	155	
99%	155	
95%	152	
90%	104	
75% Q3	61	
50% Median	37	
25% Q1	20	
10%	10	
5%	7	
1%	3	
0% Min	2	