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

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Median	Sum
HOSP_BEDSIZE : Bed size of hospital	2,507	0	1.00	3.00	1.78	2	4,463
H_CONTRL : Control/ownership of hospital	2,507	0	1.00	3.00	1.94	2	4,863
HOSP_NRD : NRD hospital identifier	2,507	0	61,001.00	64,757.00	62,878.00	62,879	157,635,138
HOSP_URCAT4 : Hospital urban-rural designation	2,507	0	1.00	4.00	2.22	2	5,576
HOSP_UR_TEACH : Teaching status of urban hospitals	2,507	0	0.00	2.00	1.09	1	2,732
NRD_STRATUM : NRD stratum used for weighting	2,507	0	601.00	693.00	648.36	645	1,625,440
N_DISC_U : Number of universe discharges in NRD_STRATUM	2,507	0	3,871.00	3,363,930.00	506,635.28	244,338	1,270,134,655
N_HOSP_U : Number of universe hospitals in NRD_STRATUM	2,507	0	5.00	351.00	87.66	65	219,773
S_DISC_U : Number of sample discharges in NRD_STRATUM	2,507	0	3,168.00	1,425,462.00	260,649.49	132,395	653,448,281
S_HOSP_U : Number of sample hospitals in NRD_STRATUM	2,507	0	3.00	134.00	46.07	38	115,505
TOTAL_DISC : Total hospital discharges	2,507	0	2.00	117,785.00	7,232.89	3,570	18,132,856
YEAR : Calendar year	2,507	0	2,019.00	2,019.00	2,019.00	2,019	5,061,633

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HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	1,215	48.46%
2: Medium	628	25.05%
3: Large	664	26.49%

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H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	530	21.14%
2: Private, not-for-profit (voluntary)	1,598	63.74%
3: Private, investor-owned (proprietary)	379	15.12%

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Moments				
Ν	2507	Sum Weights	2507	
Mean	506635.283	Sum Observations	1270134655	
Std Deviation	661108.853	Variance	4.37065E11	
Skewness	2.53544178	Kurtosis	7.16921749	
Uncorrected SS	1.73878E15	Corrected SS	1.09528E15	
Coeff Variation	130.490093	Std Error Mean	13203.7048	

Variable: N_DISC_U (Number of universe discharges in NRD_STRATUM)

Basic Statistical Measures				
Location Variability			у	
Mean	506635.3	Std Deviation	661109	
Median	244338.0	Variance	4.37065E11	
Mode	194565.0	Range	3360059	
		Interquartile Range	542046	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	38.37069	$\Pr > t $	<.0001	
Sign	Μ	1253.5	$Pr \ge M $	<.0001	
Signed Rank	S	1571889	$Pr \ge S $	<.0001	

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Quantiles (Definition 5)			
Level	Quantile		
100% Max	3363930		
99%	3363930		
95%	1677753		
90%	1283628		
75% Q3	638628		
50% Median	244338		
25% Q1	96582		
10%	48040		
5%	14027		
1%	11226		
0% Min	3871		

Variable: N_DISC_U (Number of universe discharges in NRD_STRATUM)

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Moments					
Ν	2507	Sum Weights	2507		
Mean	87.6637415	Sum Observations	219773		
Std Deviation	80.3481539	Variance	6455.82583		
Skewness	1.97065473	Kurtosis	3.67530113		
Uncorrected SS	35444423	Corrected SS	16178299.5		
Coeff Variation	91.6549448	Std Error Mean	1.60471804		

Variable: N_HOSP_U (Number of universe hospitals in NRD_STRATUM)

Basic Statistical Measures				
Location Variability				
Mean	87.6637	Std Deviation	80.34815	
Median	65.0000	Variance	6456	
Mode	164.0000	Range	346.00000	
		Interquartile Range	64.00000	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	54.62875	$\Pr > t $	<.0001	
Sign	Μ	1253.5	$Pr \ge M $	<.0001	
Signed Rank	S	1571889	$Pr \ge S $	<.0001	

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Quantiles (Definition 5)			
Level	Quantile		
100% Max	351		
99%	351		
95%	351		
90%	216		
75% Q3	103		
50% Median	65		
25% Q1	39		
10%	22		
5%	14		
1%	8		
0% Min	5		

Variable: N_HOSP_U (Number of universe hospitals in NRD_STRATUM)

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Moments				
Ν	2507	Sum Weights	2507	
Mean	260649.494	Sum Observations	653448281	
Std Deviation	312686.441	Variance	9.77728E10	
Skewness	1.82195163	Kurtosis	3.0862051	
Uncorrected SS	4.1534E14	Corrected SS	2.45019E14	
Coeff Variation	119.964339	Std Error Mean	6244.99195	

Variable: S_DISC_U (Number of sample discharges in NRD_STRATUM)

Basic Statistical Measures				
Location		Variability		
Mean	260649.5	Std Deviation	312686	
Median	132395.0	Variance	9.77728E10	
Mode	67189.0	Range	1422294	
		Interquartile Range	317163	

Tests for Location: Mu0=0				
Test	Statistic		p Val	ue
Student's t	t	41.73736	$\Pr > t $	<.0001
Sign	Μ	1253.5	$Pr \ge M $	<.0001
Signed Rank	S	1571889	$Pr \ge S $	<.0001

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Quantiles (Definition 5)		
Level	Quantile	
100% Max	1425462	
99%	1425462	
95%	993833	
90%	725102	
75% Q3	365160	
50% Median	132395	
25% Q1	47997	
10%	18075	
5%	9345	
1%	5218	
0% Min	3168	

Variable: S_DISC_U (Number of sample discharges in NRD_STRATUM)

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Moments			
Ν	2507	Sum Weights	2507
Mean	46.0729956	Sum Observations	115505
Std Deviation	32.7738121	Variance	1074.12276
Skewness	1.34919108	Kurtosis	1.23090418
Uncorrected SS	8013413	Corrected SS	2691751.64
Coeff Variation	71.1345371	Std Error Mean	0.6545605

Variable: S_HOSP_U (Number of sample hospitals in NRD_STRATUM)

Basic Statistical Measures				
Location		Variability		
Mean	46.07300	Std Deviation	32.77381	
Median	38.00000	Variance	1074	
Mode	41.00000	Range	131.00000	
		Interquartile Range	32.00000	

Tests for Location: Mu0=0				
Test	Statistic		p Val	ue
Student's t	t	70.38768	$\Pr > t $	<.0001
Sign	Μ	1253.5	$Pr \ge M $	<.0001
Signed Rank	S	1571889	$Pr \ge S $	<.0001

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Quantiles (Definition 5)		
Level	Quantile	
100% Max	134	
99%	134	
95%	134	
90%	118	
75% Q3	55	
50% Median	38	
25% Q1	23	
10%	14	
5%	9	
1%	6	
0% Min	3	

Variable: S_HOSP_U (Number of sample hospitals in NRD_STRATUM)