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

Variable / Label	N	Minimum	Maximum	Mean	Median	Sum
HOSP_KID : KID hospital number	3,998	10,001	40,938	27,107.0	30,352	108,373,787
N_BRTH_U: Number of universe births in the stratum	3,998	839	327,039	59,052.9	21,853	236,093,324
N_DISC_U: Number of universe discharges in the stratum	3,998	5,773	3,479,992	617,072.2	249,758	2,467,054,478
N_HOSP_U: Number of universe hospitals in the stratum	3,998	2	280	96.4	76	385,553
S_BRTH_U : Number of sample births in the stratum	3,998	222	138,129	22,814.8	7,096	91,213,556
S_CHLD_U : Number of sample pediatric non-births in the stratum	3,998	26	440,930	28,798.2	5,398	115,135,107
S_CMPB_U : Number of sample sick newborns in the stratum	3,998	31	121,033	19,427.5	5,621	77,671,132
S_DISC_U: Number of sample births and children in the stratum	3,998	438	456,297	51,641.4	11,791	206,462,206
S_HOSP_U: Number of sample hospitals in the stratum	3,998	2	195	75.2	64	300,537
S_UNCB_U: Number of sample normal newborns in the stratum	3,998	5	17,096	3,335.3	1,181	13,334,460
HOSP_LOCTEACH: Location/teaching status of hospital	3,998	1	3	2.0	2	8,067
H_CONTRL : Control/ownership of hospital	3,998	1	3	2.0	2	7,951
HOSP_REGION : Region of hospital	3,998	1	4	2.6	3	10,578
KID_STRATUM: KID hospital stratum	3,998	1,131	9,999	2,997.6	3,211	11,984,384
YEAR : Calendar year	3,998	2,019	2,019	2,019.0	2,019	8,071,962
HOSP_BEDSIZE : Bedsize of hospital	3,998	1	3	1.8	2	7,110

HCUP Summary Statistics Report: KID 2019 Hospital File Frequency Distribution for HOSP_BEDSIZE

HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	1,932	48.32%
2: Medium	1,020	25.51%
3: Large	1,046	26.16%

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	1,401	35.04%
2: Urban nonteaching	1,125	28.14%
3: Urban teaching	1,472	36.82%

HOSP_REGION	Frequency	Percent of Total
1: Northeast	528	13.21%
2: Midwest	1,172	29.31%
3: South	1,486	37.17%
4: West	812	20.31%

H_CONTRL	Frequency	Percent of Total
1: Government, non-federal (public)	720	18.01%
2: Private, not-for-profit (voluntary)	2,603	65.11%
3: Private, investor-owned (proprietary)	675	16.88%

KID_STRATUM	Frequency	Percent of Total
1131	<= 10	*.**%
1132	<= 10	*.**%
1133	<= 10	*.**%
1211	56	1.40%
1212	30	0.75%
1213	20	0.50%
1221	58	1.45%
1222	29	0.73%
1223	12	0.30%
1231	104	2.60%
1232	89	2.23%
1233	62	1.55%
1321	12	0.30%
1322	<= 10	*.**%
1331	18	0.45%
1332	<= 10	*.**%
2111	133	3.33%
2112	17	0.43%
2113	25	0.63%
2121	28	0.70%
2122	<= 10	*.**%
2123	<= 10	*.**%
2131	<= 10	*.**%
2132	<= 10	*.**%
2133	<= 10	*.**%
2211	202	5.05%
2212	56	1.40%
2213	109	2.73%
2221	120	3.00%
2222	51	1.28%

KID_STRATUM	Frequency	Percent of Total
2223	41	1.03%
2231	135	3.38%
2232	64	1.60%
2233	93	2.33%
2312	<= 10	*.**%
2313	11	0.28%
2322	<= 10	*.**%
2323	<= 10	*.**%
2331	20	0.50%
2332	<= 10	*.**%
2333	<= 10	*.**%
3111	115	2.88%
3112	35	0.88%
3113	36	0.90%
3121	40	1.00%
3122	13	0.33%
3123	15	0.38%
3131	17	0.43%
3132	11	0.28%
3133	29	0.73%
3211	98	2.45%
3212	59	1.48%
3213	74	1.85%
3221	106	2.65%
3222	63	1.58%
3223	55	1.38%
3231	106	2.65%
3232	85	2.13%
3233	86	2.15%
3311	28	0.70%

KID_STRATUM	Frequency	Percent of Total
3312	25	0.63%
3313	43	1.08%
3321	124	3.10%
3322	48	1.20%
3323	24	0.60%
3331	60	1.50%
3332	43	1.08%
3333	20	0.50%
4111	33	0.83%
4112	33	0.83%
4113	22	0.55%
4121	16	0.40%
4122	<= 10	*.**%
4123	<= 10	*.**%
4131	15	0.38%
4132	<= 10	*.**%
4133	22	0.55%
4211	31	0.78%
4212	55	1.38%
4213	36	0.90%
4221	60	1.50%
4222	30	0.75%
4223	43	1.08%
4231	71	1.78%
4232	63	1.58%
4233	77	1.93%
4312	<= 10	*.**%
4313	<= 10	*.**%
4321	45	1.13%
4322	33	0.83%

KID_STRATUM	Frequency	Percent of Total
4323	24	0.60%
4331	25	0.63%
4332	15	0.38%
4333	<= 10	*.**%
9999	75	1.88%

Variable: N_BRTH_U (Number of universe births in the stratum)

Moments			
N	3998	Sum Weights	3998
Mean	59052.8574	Sum Observations	236093324
Std Deviation	77134.5503	Variance	5949738852
Skewness	1.94864901	Kurtosis	3.11436796
Uncorrected SS	3.77231E13	Corrected SS	2.37811E13
Coeff Variation	130.619505	Std Error Mean	1219.90934

	Basic Statistical Measures				
Location Variability					
Mean	59,052.86	Std Deviation 77,134.55			
Median	21,853.00	Variance	5949738851.98		
Mode	16,617.00	Range	326,200.00		
		Interquartile Range	66,824.00		

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t 48.40758		Pr > t	<.0001	
Sign	M	1999	Pr >= M	<.0001	
Signed Rank	S	3997001	Pr >= S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	327,039.00	
99%	327,039.00	
95%	254,032.00	
90%	186,773.00	
75% Q3	79,337.00	

Variable: N_BRTH_U (Number of universe births in the stratum)

Quantiles (Definition 5)		
Level	Quantile	
50% Median	21,853.00	
25% Q1	12,513.00	
10%	5,432.00	
5%	3,190.00	
1%	1,687.00	
0% Min	839.00	

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

	Moments			
N	3998	Sum Weights	3998	
Mean	617072.156	Sum Observations	2467054478	
Std Deviation	786744.928	Variance	6.18968E11	
Skewness	2.06596958	Kurtosis	3.86928968	
Uncorrected SS	3.99636E15	Corrected SS	2.47401E15	
Coeff Variation	127.496423	Std Error Mean	12442.6406	

	Basic Statistical Measures			
Location Variability			ility	
Mean	617,072.16	Std Deviation 786,744.9		
Median	249,758.00	Variance	618967581347.34	
Mode	161,813.00	Range	3,474,219.00	
		Interquartile Range	764,562.00	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t 49.59334		Pr > t	<.0001
Sign	M 1999		Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	3,479,992.00	
99%	3,479,992.00	
95%	2,618,440.00	
90%	1,739,797.00	
75% Q3	872,744.00	

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

Quantiles (Definition 5)		
Level Quantile		
50% Median	249,758.00	
25% Q1	108,182.00	
10%	70,790.00	
5%	35,830.00	
1%	18,008.00	
0% Min 5,773.00		

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

	Moments			
N	3998	Sum Weights	3998	
Mean	96.4364682	Sum Observations	385553	
Std Deviation	68.9524414	Variance	4754.43917	
Skewness	1.1628141	Kurtosis	0.67059814	
Uncorrected SS	56184863	Corrected SS	19003493.4	
Coeff Variation	71.5003801	Std Error Mean	1.09050649	

	Basic Statistical Measures			
Location		Variability		
Mean	96.44	Std Deviation	68.95	
Median	76.00	Variance	4,754.44	
Mode	280.00	Range	278.00	
		Interquartile Range	88.00	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t 88.43273		Pr > t	<.0001
Sign	M	1999	Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	280.00	
99%	280.00	
95%	280.00	
90%	212.00	
75% Q3	137.00	

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

Quantiles (Definition 5)		
Level Quantile		
50% Median	76.00	
25% Q1	49.00	
10%	28.00	
5%	16.00	
1%	5.00	
0% Min	2.00	

Variable: S_BRTH_U (Number of sample births in the stratum)

Moments			
N	3998	Sum Weights	3998
Mean	22814.7964	Sum Observations	91213556
Std Deviation	31900.6795	Variance	1017653355
Skewness	2.07795105	Kurtosis	3.73121757
Uncorrected SS	6.14858E12	Corrected SS	4.06756E12
Coeff Variation	139.82452	Std Error Mean	504.520177

	Basic Statistical Measures				
Loc	Location Variability				
Mean	22,814.80	Std Deviation 31,900.68			
Median	7,096.00	Variance	1017653355.12		
Mode	5,672.00	Range	137,907.00		
		Interquartile Range	26,343.00		

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	45.22078	Pr > t	<.0001
Sign	M	1999	Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	138,129.00	
99%	138,129.00	
95%	99,488.00	
90%	76,005.00	
75% Q3	29,839.00	

Variable: S_BRTH_U (Number of sample births in the stratum)

Quantiles (Definition 5)		
Level Quantile		
50% Median	7,096.00	
25% Q1	3,496.00	
10%	1,279.00	
5%	872.00	
1%	241.00	
0% Min	222.00	

Variable: S_CHLD_U (Number of sample pediatric non-births in the stratum)

Moments			
N	3998	Sum Weights	3998
Mean	28798.1758	Sum Observations	115135107
Std Deviation	68793.3926	Variance	4732530861
Skewness	4.44508998	Kurtosis	22.095143
Uncorrected SS	2.22316E13	Corrected SS	1.89159E13
Coeff Variation	238.881077	Std Error Mean	1087.99107

	Basic Statistical Measures				
Loc	Location Variability				
Mean	28,798.18	Std Deviation 68,793.39			
Median	5,398.00	Variance	4732530860.51		
Mode	3,037.00	Range	440,904.00		
		Interquartile Range	17,646.00		

Tests for Location: Mu0=0				
Test Statistic p Value				
Student's t	t	26.46913	Pr > t	<.0001
Sign	M	1999	Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	440,930.00	
99%	440,930.00	
95%	149,138.00	
90%	77,000.00	
75% Q3	20,074.00	

Variable: S_CHLD_U (Number of sample pediatric non-births in the stratum)

Quantiles (Definition 5)		
Level Quantile		
50% Median	5,398.00	
25% Q1	2,428.00	
10%	1,037.00	
5%	668.00	
1%	216.00	
0% Min	26.00	

Variable: S_CMPB_U (Number of sample sick newborns in the stratum)

Moments			
N	3998	Sum Weights	3998
Mean	19427.4967	Sum Observations	77671132
Std Deviation	27784.8965	Variance	772000475
Skewness	2.12144129	Kurtosis	3.940448
Uncorrected SS	4.59464E12	Corrected SS	3.08569E12
Coeff Variation	143.018408	Std Error Mean	439.427659

	Basic Statistical Measures				
Loc	Location Variability				
Mean	19,427.50	Std Deviation	27,784.90		
Median	5,621.00	Variance	772,000,475.44		
Mode	4,473.00	Range	121,002.00		
		Interquartile Range	22,134.00		

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	44.21091	Pr > t	<.0001
Sign	M	1999	Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level Quantil		
100% Max	121,033.00	
99%	121,033.00	
95%	87,178.00	
90%	65,684.00	
75% Q3	25,019.00	

Variable: S_CMPB_U (Number of sample sick newborns in the stratum)

Quantiles (Definition 5)		
Level Quantile		
50% Median	5,621.00	
25% Q1	2,885.00	
10%	1,034.00	
5%	599.00	
1%	180.00	
0% Min	31.00	

Variable: S_DISC_U (Number of sample births and children in the stratum)

Moments			
N	3998	Sum Weights	3998
Mean	51641.3722	Sum Observations	206462206
Std Deviation	89270.059	Variance	7969143433
Skewness	2.80365611	Kurtosis	7.93837116
Uncorrected SS	4.25147E13	Corrected SS	3.18527E13
Coeff Variation	172.865389	Std Error Mean	1411.83657

	Basic Statistical Measures			
Location Variability			ity	
Mean	51,641.37	Std Deviation	89,270.06	
Median	11,791.00	Variance	7969143433.10	
Mode	8,800.00	Range	455,859.00	
		Interquartile Range	55,248.00	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	36.57744	Pr > t	<.0001
Sign	M	1999	Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level Quantile		
100% Max	456,297.00	
99%	456,297.00	
95%	265,658.00	
90%	127,506.00	
75% Q3	61,849.00	

Variable: S_DISC_U (Number of sample births and children in the stratum)

Quantiles (Definition 5)		
Level Quantile		
50% Median	11,791.00	
25% Q1	6,601.00	
10%	2,558.00	
5%	1,654.00	
1%	628.00	
0% Min	438.00	

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

Moments			
N	3998	Sum Weights	3998
Mean	75.1718359	Sum Observations	300537
Std Deviation	44.8765157	Variance	2013.90166
Skewness	0.73019534	Kurtosis	0.33381932
Uncorrected SS	30641483	Corrected SS	8049564.95
Coeff Variation	59.6985762	Std Error Mean	0.70973747

	Basic Statistical Measures			
Location Variability				
Mean	75.17	Std Deviation	44.88	
Median	64.00	Variance	2,013.90	
Mode	106.00	Range	193.00	
		Interquartile Range	65.00	

Tests for Location: Mu0=0				
Test	Statistic p Value			
Student's t	t	105.915	Pr > t	<.0001
Sign	M	1999	Pr >= M	<.0001
Signed Rank	S	3997001	Pr >= S	<.0001

Quantiles (Definition 5)		
Level Quantil		
100% Max	195.00	
99%	195.00	
95%	135.00	
90%	133.00	
75% Q3	106.00	

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

Quantiles (Definition 5)	
Level	Quantile
50% Median	64.00
25% Q1	41.00
10%	22.00
5%	15.00
1%	5.00
0% Min	2.00

Variable: S_UNCB_U (Number of sample normal newborns in the stratum)

Moments			
N	3998	Sum Weights	3998
Mean	3335.28264	Sum Observations	13334460
Std Deviation	4190.1295	Variance	17557185.2
Skewness	1.77997205	Kurtosis	2.39643406
Uncorrected SS	1.1465E11	Corrected SS	7.01761E10
Coeff Variation	125.630417	Std Error Mean	66.2683337

	Basic Statistical Measures			
Location Variability		ty		
Mean	3,335.28	Std Deviation	4,190.13	
Median	1,181.00	Variance	17,557,185.23	
Mode	1,032.00	Range	17,091.00	
		Interquartile Range	4,077.00	

Tests for Location: Mu0=0					
Test	Statistic		t Statistic p Value		ue
Student's t	t	50.32996	Pr > t	<.0001	
Sign	M	1999	Pr >= M	<.0001	
Signed Rank	S	3997001	Pr >= S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	17,096.00	
99%	17,096.00	
95%	14,234.00	
90%	10,321.00	
75% Q3	4,662.00	

Variable: S_UNCB_U (Number of sample normal newborns in the stratum)

Quantiles (Definition 5)	
Level	Quantile
50% Median	1,181.00
25% Q1	585.00
10%	308.00
5%	144.00
1%	42.00
0% Min	5.00