

HCUP Summary Statistics Report: NIS 2004 - Hospital File
Means of Continuous Data Elements

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : Weight to discharges in AHA universe	1004	0	3.22	12.21	4.83	0.71
HFIPSSTCO : Hospital FIPS state/county code	663	341	4003.00	55141.00	25856.06	16352.88
HOSPID : HCUP hospital identification number	1004	0	4006.00	55185.00	28782.81	16079.50
HOSPSTCO : Hospital modified FIPS state/county code	663	341	4003.00	55141.00	25846.10	16341.13
HOSPWT : Weight to hospitals in AHA universe	1004	0	3.67	5.00	4.89	0.13
HOSP_BEDSIZE : Bed size of hospital	1004	0	1.00	3.00	1.92	0.85
HOSP_CONTROL : Control/ownership of hospital	1004	0	0.00	4.00	1.51	1.41
HOSP_LOCATION : Location (urban/rural) of hospital	1004	0	0.00	1.00	0.59	0.49
HOSP_LOCTEACH : Location/teaching status of hospital	1004	0	1.00	3.00	1.75	0.72
HOSP_REGION : Region of hospital	1004	0	1.00	4.00	2.63	0.94
HOSP_TEACH : Teaching status of hospital	1004	0	0.00	1.00	0.17	0.38
NIS_STRATUM : Stratum used to sample hospital	1004	0	1011.00	4413.00	2803.93	994.88
N_DISC_U : Number of AHA universe discharges in NIS_STRATUM	1004	0	20760.00	3293178.0	718666.82	790436.96
N_HOSP_U : Number of AHA universe hospitals in NIS_STRATUM	1004	0	11.00	230.00	107.44	53.40
S_DISC_U : Number of sample discharges in NIS_STRATUM	1004	0	4245.00	735743.00	148175.35	159356.51
S_HOSP_U : Number of sample hospitals in NIS_STRATUM	1004	0	3.00	46.00	21.85	10.61
TOTAL_DISC : Total number of discharges from this hospital in the NIS	1004	0	15.00	71580.00	7972.68	9738.54
YEAR : Calendar Year	1004	0	2004.00	2004.00	2004.00	0.00

For more information about the coding of HCUP data elements, please refer to the section on Description of Data Elements.

AHAID	Frequency	Percent of Total
Blank	341	33.96
Non-blank	663	66.04

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HOSPADDR	Frequency	Percent of Total
Blank	372	37.05
Non-blank	632	62.95

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HOSPCITY	Frequency	Percent of Total
Blank	371	36.95
Non-blank	633	63.05

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HOSPNAME	Frequency	Percent of Total
Blank	371	36.95
Non-blank	633	63.05

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HOSPST	Frequency	Percent of Total
AR	30	2.99
AZ	14	1.39
CA	86	8.57
CO	22	2.19
CT	<= 10	**.**
FL	56	5.58
GA	52	5.18
HI	<= 10	**.**
IA	27	2.69
IL	41	4.08
IN	24	2.39
KS	29	2.89
KY	28	2.79
MA	21	2.09
MD	12	1.20
MI	20	1.99
MN	28	2.79
MO	25	2.49
NC	34	3.39
NE	19	1.89
NH	<= 10	**.**
NJ	22	2.19
NV	<= 10	**.**
NY	64	6.37
OH	34	3.39
OR	15	1.49
RI	<= 10	**.**
SC	15	1.49
SD	<= 10	**.**
TN	37	3.69
TX	96	9.56
UT	13	1.29
VA	18	1.79
VT	<= 10	**.**

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HOSPST	Frequency	Percent of Total
WA	25	2.49
WI	28	2.79
WV	19	1.89

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HOSPZIP	Frequency	Percent of Total
Blank	371	36.95
Non-blank	633	63.05

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HOSP_BEDSIZE	Frequency	Percent of Total
1: Small	408	40.64
2: Medium	272	27.09
3: Large	324	32.27

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HOSP_CONTROL	Frequency	Percent of Total
0: Government or private (collapsed category)	348	34.66
1: Government, non-federal (public)	194	19.32
2: Private, not-for-profit (voluntary)	194	19.32
3: Private, investor-owned (proprietary)	138	13.75
4: Private (collapsed category)	130	12.95

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HOSP_LOCATION	Frequency	Percent of Total
0: Rural	413	41.14
1: Urban	591	58.86

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HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural	413	41.14
2: Urban nonteaching	424	42.23
3: Urban teaching	167	16.63

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HOSP_REGION	Frequency	Percent of Total
1: Northeast	135	13.45
2: Midwest	285	28.39
3: South	397	39.54
4: West	187	18.63

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HOSP_TEACH	Frequency	Percent of Total
0: Nonteaching	829	82.57
1: Teaching	175	17.43

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IDNUMBER	Frequency	Percent of Total
Blank	341	33.96
Non-blank	663	66.04

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NIS_STRATUM	Frequency	Percent of Total
1011	12	1.20
1012	<= 10	**.**
1013	<= 10	**.**
1021	22	2.19
1022	20	1.99
1023	19	1.89
1031	16	1.59
1032	12	1.20
1033	16	1.59
2021	39	3.88
2022	25	2.49
2023	26	2.59
2031	14	1.39
2032	13	1.29
2033	17	1.69
2111	34	3.39
2112	<= 10	**.**
2113	13	1.29
2411	46	4.58
2412	13	1.29
2413	36	3.59
3031	13	1.29
3032	17	1.69
3033	19	1.89
3111	35	3.49
3112	18	1.79
3113	12	1.20
3121	15	1.49
3122	<= 10	**.**
3123	<= 10	**.**
3211	24	2.39
3212	19	1.89
3213	25	2.49
3221	29	2.89

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NIS_STRATUM	Frequency	Percent of Total
3222	20	1.99
3223	27	2.69
3311	<= 10	**. **
3312	<= 10	**. **
3313	15	1.49
3321	37	3.69
3322	23	2.29
3323	18	1.79
4031	<= 10	**. **
4032	<= 10	**. **
4033	12	1.20
4111	15	1.49
4112	<= 10	**. **
4113	<= 10	**. **
4121	<= 10	**. **
4122	<= 10	**. **
4123	<= 10	**. **
4221	13	1.29
4222	14	1.39
4223	23	2.29
4321	12	1.20
4322	<= 10	**. **
4323	<= 10	**. **
4411	<= 10	**. **
4412	13	1.29
4413	12	1.20

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The UNIVARIATE Procedure

Variable: DISCWT (Weight to discharges in AHA universe)

Moments			
N	1004	Sum Weights	1004
Mean	4.82874708	Sum Observations	4848.06207
Std Deviation	0.71360597	Variance	0.50923348
Skewness	2.00477166	Kurtosis	17.6196058
Uncorrected SS	23920.8268	Corrected SS	510.761185
Coeff Variation	14.7782843	Std Error Mean	0.0225212

Basic Statistical Measures			
Location		Variability	
Mean	4.828747	Std Deviation	0.71361
Median	4.921265	Variance	0.50923
Mode	4.974798	Range	8.98920
		Interquartile Range	0.66474

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	214.4089	Pr > t 	<.0001
Sign	M	502	Pr >= M 	<.0001
Signed Rank	S	252255	Pr >= S 	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	12.20824
99%	6.45802
95%	5.80576
90%	5.57313
75% Q3	5.06979
50% Median	4.92127
25% Q1	4.40505
10%	3.94482
5%	3.66258

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The UNIVARIATE Procedure

Variable: DISCWT (Weight to discharges in AHA universe)

Quantiles (Definition 5)	
Quantile	Estimate
1%	3.21904
0% Min	3.21904

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please refer to the section on Description of Data Elements.*

The UNIVARIATE Procedure

Variable: HOSPWT (Weight to hospitals in AHA universe)

Moments			
N	1004	Sum Weights	1004
Mean	4.88645418	Sum Observations	4906
Std Deviation	0.12843221	Variance	0.01649483
Skewness	-3.4821768	Kurtosis	24.7392866
Uncorrected SS	23989.4885	Corrected SS	16.5443169
Coeff Variation	2.6283314	Std Error Mean	0.00405328

Basic Statistical Measures			
Location		Variability	
Mean	4.886454	Std Deviation	0.12843
Median	4.916667	Variance	0.01649
Mode	5.000000	Range	1.33333
		Interquartile Range	0.14103

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1205.554	Pr > t	<.0001
Sign	M	502	Pr >= M	<.0001
Signed Rank	S	252255	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	5.00000
99%	5.00000
95%	5.00000
90%	5.00000
75% Q3	4.97436
50% Median	4.91667
25% Q1	4.83333
10%	4.76923
5%	4.66667

For more information about the coding of HCUP data elements, please refer to the section on Description of Data Elements.

The UNIVARIATE Procedure

Variable: HOSPWT (Weight to hospitals in AHA universe)

Quantiles (Definition 5)	
Quantile	Estimate
1%	4.42857
0% Min	3.66667

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please refer to the section on Description of Data Elements.*

The UNIVARIATE Procedure

Variable: N_DISC_U (Number of AHA universe discharges in NIS_STRATUM)

Moments			
N	1004	Sum Weights	1004
Mean	718666.821	Sum Observations	721541488
Std Deviation	790436.963	Variance	6.24791E11
Skewness	1.58449303	Kurtosis	1.69227833
Uncorrected SS	1.14521E15	Corrected SS	6.26665E14
Coeff Variation	109.986567	Std Error Mean	24945.9694

Basic Statistical Measures			
Location		Variability	
Mean	718666.8	Std Deviation	790437
Median	337646.0	Variance	6.24791E11
Mode	176471.0	Range	3272418
		Interquartile Range	724207

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	28.80894	Pr > t	<.0001
Sign	M	502	Pr >= M	<.0001
Signed Rank	S	252255	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	3293178
99%	3293178
95%	2604302
90%	2073693
75% Q3	900678
50% Median	337646
25% Q1	176471
10%	98656
5%	60150

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The UNIVARIATE Procedure

Variable: N_DISC_U (Number of AHA universe discharges in NIS_STRATUM)

Quantiles (Definition 5)	
Quantile	Estimate
1%	29366
0% Min	20760

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The UNIVARIATE Procedure

Variable: N_HOSP_U (Number of AHA universe hospitals in NIS_STRATUM)

Moments			
N	1004	Sum Weights	1004
Mean	107.443227	Sum Observations	107873
Std Deviation	53.4025306	Variance	2851.83027
Skewness	0.62571466	Kurtosis	-0.5526463
Uncorrected SS	14450609	Corrected SS	2860385.76
Coeff Variation	49.7030218	Std Error Mean	1.68536892

Basic Statistical Measures			
Location		Variability	
Mean	107.4432	Std Deviation	53.40253
Median	92.0000	Variance	2852
Mode	230.0000	Range	219.00000
		Interquartile Range	79.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	63.75057	Pr > t	<.0001
Sign	M	502	Pr >= M	<.0001
Signed Rank	S	252255	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	230
99%	230
95%	194
90%	183
75% Q3	141
50% Median	92
25% Q1	62
10%	45
5%	39

For more information about the coding of HCUP data elements, please refer to the section on Description of Data Elements.

The UNIVARIATE Procedure

Variable: N_HOSP_U (Number of AHA universe hospitals in NIS_STRATUM)

Quantiles (Definition 5)	
Quantile	Estimate
1%	30
0% Min	11

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The UNIVARIATE Procedure

Variable: *S_DISC_U* (Number of sample discharges in NIS_STRATUM)

Moments			
N	1004	Sum Weights	1004
Mean	148175.346	Sum Observations	148768047
Std Deviation	159356.509	Variance	2.53945E10
Skewness	1.68257948	Kurtosis	2.55885023
Uncorrected SS	4.75144E13	Corrected SS	2.54707E13
Coeff Variation	107.5459	Std Error Mean	5029.24684

Basic Statistical Measures			
Location		Variability	
Mean	148175.3	Std Deviation	159357
Median	73087.0	Variance	2.53945E10
Mode	35473.0	Range	731498
		Interquartile Range	147282

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	29.46273	Pr > t 	<.0001
Sign	M	502	Pr >= M 	<.0001
Signed Rank	S	252255	Pr >= S 	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	735743
99%	735743
95%	502840
90%	383982
75% Q3	182755
50% Median	73087
25% Q1	35473
10%	18113
5%	9318

For more information about the coding of HCUP data elements, please refer to the section on Description of Data Elements.

The UNIVARIATE Procedure

Variable: S_DISC_U (Number of sample discharges in NIS_STRATUM)

Quantiles (Definition 5)	
Quantile	Estimate
1%	5558
0% Min	4245

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The UNIVARIATE Procedure

Variable: S_HOSP_U (Number of sample hospitals in NIS_STRATUM)

Moments			
N	1004	Sum Weights	1004
Mean	21.8545817	Sum Observations	21942
Std Deviation	10.6116421	Variance	112.606948
Skewness	0.60448495	Kurtosis	-0.586009
Uncorrected SS	592478	Corrected SS	112944.769
Coeff Variation	48.5556862	Std Error Mean	0.33490046

Basic Statistical Measures			
Location		Variability	
Mean	21.85458	Std Deviation	10.61164
Median	19.00000	Variance	112.60695
Mode	13.00000	Range	43.00000
		Interquartile Range	16.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	65.25695	Pr > t	<.0001
Sign	M	502	Pr >= M	<.0001
Signed Rank	S	252255	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	46
99%	46
95%	39
90%	37
75% Q3	29
50% Median	19
25% Q1	13
10%	9
5%	8

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The UNIVARIATE Procedure

Variable: S_HOSP_U (Number of sample hospitals in NIS_STRATUM)

Quantiles (Definition 5)	
Quantile	Estimate
1%	6
0% Min	3

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