Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : Weight to discharges in AHA universe	1,050	0	3.14	22.14	5.22	1.25
HFIPSSTCO : Hospital FIPS state/county code	595	455	4,001.00	55,133.00	26,374.01	16,738.51
H_CONTRL : Control/ownership of hospital	1,035	15	1.00	3.00	1.99	0.65
HOSPID : HCUP hospital identification number	1,050	0	4,005.00	56,025.00	29,815.35	15,586.10
HOSPSTCO : Hospital modified FIPS state/county code	595	455	4,001.00	55,135.00	26,370.27	16,734.34
HOSPWT : Weight to hospitals in AHA universe	1,050	0	4.25	5.00	4.88	0.10
HOSP_BEDSIZE : Bed size of hospital (STRATA)	1,035	15	1.00	3.00	1.84	0.86
<pre>HOSP_CONTROL : Control/ownership of hospital (STRATA)</pre>	1,035	15	0.00	4.00	1.55	1.43
<pre>HOSP_LOCATION : Location (urban/rural) of hospital</pre>	1,035	15	0.00	1.00	0.60	0.49
HOSP_LOCTEACH : Location/teaching status of hospital (STRATA)	1,035	15	1.00	3.00	1.76	0.71
HOSP_REGION : Region of hospital (STRATA)	1,050	0	1.00	4.00	2.65	0.92
HOSP_TEACH : Teaching status of hospital	1,035	15	0.00	1.00	0.17	0.38
NIS_STRATUM : Stratum used to sample hospital	1,050	0	1,011.00	4,413.00	2,825.01	982.61
N_DISC_U : Number of AHA universe discharges in NIS_STRATUM	1,050	0	23,518.00	3,892,720.00	722,186.45	845,701.05
N_HOSP_U : Number of AHA universe hospitals in NIS_STRATUM	1,050	0	13.00	293.00	125.88	79.91
S_DISC_U : Number of sample discharges in NIS_STRATUM	1,050	0	4,614.00	849,788.00	143,042.95	172,831.16
S_HOSP_U : Number of sample hospitals in NIS_STRATUM	1,050	0	3.00	59.00	25.64	16.08
TOTAL_DISC : Total number of discharges from this hospital in the NIS	1,050	0	1.00	121,668.00	7,438.82	10,295.50
YEAR : Calendar Year	1,050	0	2,009.00	2,009.00	2,009.00	0.00
HOSP_RNPCT : Percentage of RN among licensed nurses-H	954	96	30.00	100.00	86.47	12.32
HOSP_RNFTEAPD : RN FTEs per 1000 adjusted patient days-H	957	93	0.10	10.90	3.36	1.67
HOSP_LPNFTEAPD : LPN FTEs per 1000 adjusted patient days-H	965	85	0.00	3.30	0.48	0.51
HOSP_NAFTEAPD : Nurse aides per 1000 adjusted patient days-H	960	90	0.00	3.90	0.96	0.61
HOSP_OPSURGPCT : Percentage of all surgeries performed in outpatient setting-H	964	86	6.00	100.00	70.78	16.26
HOSP_MHSMEMBER : Hospital is part of multiple hospital system-H	940	110	0.00	1.00	0.55	0.50
HOSP MHSCLUSTER : AHA multiple hospital system cluster code-H	518	532	1.00	6.00	3.51	1.22

AHAID	Frequency	Percent of Total
Blank	455	43.33%
Non-blank	595	56.67%

HOSPADDR	Frequency	Percent of Total
Blank	475	45.24%
Non-blank	575	54.76%

HOSPCITY	Y Frequency	Percent of Total
Blank	475	45.24%
Non-blar	ık 575	54.76%

HOSPNAME	Frequency	Percent of Total
Blank	475	45.24%
Non-blank	575	54.76%

		Percent of
HOSPST	Frequency	Total
AR	20	1.90%
AZ	17	1.62%
CA	82	7.81%
СО	19	1.81%
CT	<= 10	*.**%
FL	50	4.76%
GA	43	4.10%
HI	<= 10	*.**%
IA	25	2.38%
IL	41	3.90%
IN	27	2.57%
KS	27	2.57%
KY	23	2.19%
LA	29	2.76%
MA	14	1.33%
MD	<= 10	*.**%
ME	<= 10	*.**%
MI	27	2.57%
MN	30	2.86%
MO	29	2.76%
MT	<= 10	*.**%
NC	30	2.86%
NE	19	1.81%
NH	<= 10	*.**%
NJ	14	1.33%
NM	<= 10	*.**%
NV	<= 10	*.**%
NY	41	3.90%
ОН	40	3.81%
ОК	39	3.71%

HOSPST	Frequency	Percent of Total
OR	15	1.43%
PA	37	3.52%
RI	<= 10	*.**%
SC	13	1.24%
SD	<= 10	*.**%
TN	29	2.76%
TX	99	9.43%
UT	<= 10	*.**%
VA	21	2.00%
VT	<= 10	*.**%
WA	20	1.90%
WI	31	2.95%
WV	14	1.33%
WY	<= 10	*.**%

HOSPZIP	Frequency	Percent of Total
Blank	475	45.24%
Non-blank	575	54.76%

HOSP_BEDSIZE	Frequency	Percent of Total
.: Missing	15	1.43%
1: Small	474	45.14%
2: Medium	248	23.62%
3: Large	313	29.81%

HOSP_CONTROL	Frequency	Percent of Total
.: Missing	15	1.43%
0: Government or private (collapsed category)	355	33.81%
1: Government, non-federal (public)	187	17.81%
2: Private, not-for-profit (voluntary)	190	18.10%
3: Private, investor-owned (proprietary)	170	16.19%
4: Private (collapsed category)	133	12.67%

HOSP_LOCATION	Frequency	Percent of Total
.: Missing	15	1.43%
0: Rural	414	39.43%
1: Urban	621	59.14%

HOSP_LOCTEACH	Frequency	Percent of Total
.: Missing	15	1.43%
1: Rural	414	39.43%
2: Urban nonteaching	455	43.33%
3: Urban teaching	166	15.81%

		Percent
HOSP_MHSCLUSTER	Frequency	of Total
.: Missing	532	50.67%
1: Centralized Health System	57	5.43%
2: Centralized Physician/Insurance Health System	24	2.29%
3: Moderately Centralized Health System	149	14.19%
4: Decentralized Health System	185	17.62%
5: Independent Hospital System	93	8.86%
6: Unassigned	<= 10	*.**%

HCUP Summary Statistics Report: NIS 2009 - Hospital File Frequency Distribution for HOSP_MHSMEMBER

HOSP_MHSMEMBER	Frequency	Percent of Total
.: Missing	110	10.48%
0: Hospital is not a member of a multi-hospital system	422	40.19%
1: Hospital is a member of a multi-hospital system	518	49.33%

		Percent of
HOSP_REGION	Frequency	Total
1: Northeast	129	12.29%
2: Midwest	306	29.14%
3: South	418	39.81%
4: West	197	18.76%

HOSP_TEACH	Frequency	Percent of Total
.: Missing	15	1.43%
0: Nonteaching	859	81.81%
1: Teaching	176	16.76%

HCUP Summary Statistics Report: NIS 2009 - Hospital File Frequency Distribution for ${\tt H_CONTRL}$

H_CONTRL	Frequency	Percent of Total
.: Missing	15	1.43%
1: Government, non-federal (public)	229	21.81%
2: Private, not-for-profit (voluntary)	592	56.38%
3: Private, investor-owned (proprietary)	214	20.38%

IDNUMBER	Frequency	Percent of Total
Blank	455	43.33%
Non-blank	595	56.67%

		Percent of
NIS_STRATUM	Frequency	Total
1011	13	1.24%
1012	<= 10	*.**%
1013	<= 10	*.**%
1021	26	2.48%
1022	13	1.24%
1023	17	1.62%
1031	14	1.33%
1032	14	1.33%
1033	15	1.43%
2021	55	5.24%
2022	24	2.29%
2023	27	2.57%
2031	16	1.52%
2032	12	1.14%
2033	18	1.71%
2111	39	3.71%
2112	<= 10	*.**%
2113	<= 10	*.**%
2411	57	5.43%
2412	<= 10	*.**%
2413	34	3.24%
3031	14	1.33%
3032	16	1.52%
3033	22	2.10%
3111	37	3.52%
3112	14	1.33%
3113	13	1.24%
3121	13	1.24%
3122	<= 10	*.**%
3123	<= 10	*.**%

		Percent of
NIS_STRATUM	Frequency	Total
3211	28	2.67%
3212	15	1.43%
3213	24	2.29%
3221	27	2.57%
3222	19	1.81%
3223	26	2.48%
3311	13	1.24%
3312	<= 10	*.**%
3313	16	1.52%
3321	59	5.62%
3322	20	1.90%
3323	19	1.81%
4031	<= 10	*.**%
4032	<= 10	*.**%
4033	14	1.33%
4111	14	1.33%
4112	11	1.05%
4113	<= 10	*.**%
4121	<= 10	*.**%
4122	<= 10	*.**%
4123	<= 10	*.**%
4221	14	1.33%
4222	14	1.33%
4223	24	2.29%
4321	16	1.52%
4322	11	1.05%
4323	<= 10	*.**%
4411	<= 10	*.**%
4412	17	1.62%
4413	11	1.05%

Variable: DISCWT (Weight to discharges in AHA universe)

Moments				
N	1050	Sum Weights	1050	
Mean	5.21971753	Sum Observations	5480.7034	
Std Deviation	1.24795743	Variance	1.55739775	
Skewness	8.85229999	Kurtosis	106.315791	
Uncorrected SS	30241.4338	Corrected SS	1633.71024	
Coeff Variation	23.9085243	Std Error Mean	0.0385128	

	Basic Statistical Measures			
Location		Variability		
Mean	5.219718	Std Deviation	1.24796	
Median	5.130425	Variance	1.55740	
Mode 4.972029 Range		Range	19.00658	
		Interquartile Range	0.70351	

Tests for Location: Mu0=0				
Test	Statistic		p Val	ue
Student's t	t	135.532	Pr > t	<.0001
Sign	M	525	Pr >= M	<.0001
Signed Rank	S	275887.5	Pr >= S	<.0001

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	22.14237	
99%	11.10737	
95%	5.90907	
90%	5.69809	
75% Q3	5.44236	
50% Median	5.13043	
25% Q1	4.73885	
10%	4.58081	

Variable: DISCWT (Weight to discharges in AHA universe)

Quantiles (Definition 5)	
Quantile	Estimate
5%	4.48366
1% 3.135	
0% Min	3.13579

Variable: HOSPWT (Weight to hospitals in AHA universe)

Moments				
N	1050	1050 Sum Weights		
Mean	4.88380952	Sum Observations	5128	
Std Deviation	0.09773859	Variance	0.00955283	
Skewness	-1.9919031	Kurtosis	8.65784568	
Uncorrected SS	25054.1962	Corrected SS	10.0209201	
Coeff Variation	2.00127762	Std Error Mean	0.00301628	

	Basic Statistical Measures			
Loc	Location Variability			
Mean 4.883810 Std Deviation 0.097				
Median 4.894737 Variance 0.009		0.00955		
Mode 5.000000 Range 0.75		0.75000		
Interquartile Range 0.10121				

Tests for Location: Mu0=0				
Test	est Statistic p Value			
Student's t	t 1619.151		Pr > t	<.0001
Sign	M 525		Pr >= M	<.0001
Signed Rank	S	275887.5	Pr >= S	<.0001

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	5.00000	
99%	5.00000	
95%	5.00000	
90%	5.00000	
75% Q3	4.94737	
50% Median	4.89474	
25% Q1	4.84615	
10%	4.76471	

Variable: HOSPWT (Weight to hospitals in AHA universe)

Quantiles (Definition 5)	
Quantile	Estimate
5%	4.71429
1%	4.57143
0% Min	4.25000

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

Moments				
N	N 1050 Sum Weights			
Mean	722186.454	Sum Observations	758295777	
Std Deviation	845701.046	Variance	7.1521E11	
Skewness	1.90739655	Kurtosis	3.278046	
Uncorrected SS	1.29789E15	Corrected SS	7.50256E14	
Coeff Variation	117.102867	Std Error Mean	26098.9009	

	Basic Statistical Measures			
Loc	Location Variability			
Mean	Mean 722186.5 Std Deviation 84570			
Median 387700.0 Variance 7.15		7.1521E11		
Mode 387700.0 Range		3869202		
Interquartile Range 673361				

Tests for Location: Mu0=0				
Test Statistic p Value				
Student's t	t	27.67114	Pr > t	<.0001
Sign	M 525		Pr >= M	<.0001
Signed Rank	S	275887.5	Pr >= S	<.0001

Quantiles (D	efinition 5)
Quantile	Estimate
100% Max	3892720
99%	3892720
95%	2827621
90%	2016192
75% Q3	827598
50% Median	387700
25% Q1	154237
10%	90591

 $\label{thm:continuous} Variable: $$ N_DISC_U$ (Number of AHA universe discharges in NIS_STRATUM)$$

Quantiles (Definition 5)	
Quantile	Estimate
5%	50239
1%	27294
0% Min	23518

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

Moments					
N	1050	1050 Sum Weights			
Mean	125.878095	Sum Observations	132172		
Std Deviation	79.9117029	Variance	6385.88026		
Skewness	0.98441376	Kurtosis	-0.2520279		
Uncorrected SS	23336348	Corrected SS	6698788.4		
Coeff Variation	63.4834065	Std Error Mean	2.46612869		

	Basic Statistical Measures				
Loc	ation	Variability			
Mean	125.8781 Std Deviation 79.91170				
Median	Median 100.0000 Variance		6386		
Mode 293.0000 Range		280.00000			
		Interquartile Range	99.00000		

Tests for Location: Mu0=0						
Test	Test Statistic p Value					
Student's t	t	51.04279	Pr > t	<.0001		
Sign	M 525		Pr >= M	<.0001		
Signed Rank	S	275887.5	Pr >= S	<.0001		

Quantiles (D	efinition 5)
Quantile	Estimate
100% Max	293
99%	293
95%	293
90%	282
75% Q3	166
50% Median	100
25% Q1	67
10%	49
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 $\label{thm:continuous} \mbox{Variable: N_HOSP_U$ (Number of AHA universe hospitals in $NIS_STRATUM$)}$

Quantiles (Definition 5)	
Quantile	Estimate
5%	38
1%	24
0% Min	13

 $Variable: \ \ S_DISC_U \quad (Number \ of \ sample \ discharges \ in \ NIS_STRATUM)$

Moments					
N	1050 Sum Weights				
Mean	143042.949	Sum Observations	150195096		
Std Deviation	172831.156	Variance	2.98706E10		
Skewness	2.14512983	Kurtosis	4.74374069		
Uncorrected SS	5.28186E13	Corrected SS	3.13343E13		
Coeff Variation	120.82466	Std Error Mean	5333.68528		

	Basic Statistical Measures				
Location Variability			У		
Mean	an 143042.9 Std Deviation 17283				
Median 71927.0 Variance		2.98706E10			
Mode 69625.0 Range		Range	845174		
		Interquartile Range	120630		

Tests for Location: Mu0=0						
Test	Statistic p Value			ue		
Student's t	t 26.81878		Pr > t	<.0001		
Sign	M 525		Pr >= M	<.0001		
Signed Rank	S	275887.5	Pr >= S	<.0001		

Quantiles (Definition 5)		
Quantile	Estimate	
100% Max	849788	
99%	849788	
95%	503752	
90%	410195	
75% Q3	152066	
50% Median	71927	
25% Q1	31436	
10%	19502	

Variable: S_DISC_U (Number of sample discharges in NIS_STRATUM)

Quantiles (Definition 5)		
Quantile	Estimate	
5%	10186	
1%	4614	
0% Min	4614	

 $\label{thm:continuous} Variable: $$ S_HOSP_U$ (Number of sample hospitals in NIS_STRATUM)$$

Moments					
N	1050	1050			
Mean	25.6380952	Sum Observations	26920		
Std Deviation	16.0777566	Variance	258.494258		
Skewness	0.97710423	Kurtosis	-0.2745516		
Uncorrected SS	961338	Corrected SS	271160.476		
Coeff Variation	62.7104177	Std Error Mean	0.49617034		

	Basic Statistical Measures				
Loc	ation	Variability			
Mean	25.63810 Std Deviation 16.07776				
Median	Median 20.00000 Variance		258.49426		
Mode 14.00000 Range		Range	56.00000		
		Interquartile Range	20.00000		

Tests for Location: Mu0=0						
Test	Statistic p Value					
Student's t	t 51.67196		Pr > t	<.0001		
Sign	M 525		Pr >= M	<.0001		
Signed Rank	S	275887.5	Pr >= S	<.0001		

Quantiles (D	efinition 5)
Quantile	Estimate
100% Max	59
99%	59
95%	59
90%	57
75% Q3	34
50% Median	20
25% Q1	14
10%	10
	- · · · · · · · · · · · · · · · · · · ·

 $\label{thm:continuous} Variable: $$ S_HOSP_U$ (Number of sample hospitals in NIS_STRATUM)$$

Quantiles (Definition 5)	
Quantile	Estimate
5%	8
1%	5
0% Min	3