

**HCUP Summary Statistics Report: NIS 1998 - Hospital File**  
**Means of Continuous Data Elements**

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
<b>DISCWT : Weight to discharges in AHA Universe</b>	984	0	3.06	16.02	5.20	0.91
<b>HOSPID : HCUP hospital identification number</b>	984	0	4009.00	55176.00	25787.41	16065.42
<b>HOSPWT : Weight to hospitals in AHA Universe</b>	984	0	4.33	7.91	4.99	0.48
<b>HOSP_BEDSIZE : Bedsize of hospital</b>	982	2	1.00	3.00	2.00	0.82
<b>HOSP_CONTROL : Control/ownership of hospital</b>	982	2	0.00	4.00	1.46	1.42
<b>HOSP_LOCATION : Location (urban/rural) of hospital</b>	982	2	0.00	1.00	0.56	0.50
<b>HOSP_LOCTEACH : Location/teaching status of hospital</b>	982	2	1.00	3.00	1.75	0.75
<b>HOSP_REGION : Region of hospital</b>	984	0	1.00	4.00	2.62	0.96
<b>HOSP_TEACH : Teaching status of hospital</b>	982	2	0.00	1.00	0.20	0.40
<b>NIS_STRATUM : Stratum used to sample hospital</b>	984	0	1011.00	4413.00	2782.83	1013.10
<b>N_DISC_U : Number of AHA universe discharges in NIS_STRATUM</b>	984	0	15544.00	2837920.0	647959.78	652833.98
<b>N_HOSP_U : Number of AHA universe hospitals in NIS_STRATUM</b>	984	0	9.00	204.00	99.04	39.39
<b>S_DISC_U : Number of sample discharges in NIS_STRATUM</b>	984	0	5074.00	514431.00	127035.70	120328.27
<b>S_HOSP_U : Number of sample hospitals in NIS_STRATUM</b>	984	0	2.00	41.00	19.72	7.46
<b>TOTAL_DISC : Total number of discharges from this hospital in the NIS</b>	984	0	31.00	62192.00	6938.36	7727.44
<b>YEAR : Calendar Year</b>	984	0	1998.00	1998.00	1998.00	0.00

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

<b>AHAID</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>Blank</b>	280	28.46
<b>Non-Blank</b>	704	71.54

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

<b>HOSPADDR</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>Blank</b>	281	28.56
<b>Non-Blank</b>	703	71.44

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

<b>HOSPCITY</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>Blank</b>	280	28.46
<b>Non-Blank</b>	704	71.54

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<b>HOSPNAME</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>Blank</b>	280	28.46
<b>Non-Blank</b>	704	71.54

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<b>HOSPST</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>AZ</b>	14	1.42
<b>CA</b>	97	9.86
<b>CO</b>	20	2.03
<b>CT</b>	<= 10	**.**
<b>FL</b>	109	11.08
<b>GA</b>	114	11.59
<b>HI</b>	<= 10	**.**
<b>IA</b>	53	5.39
<b>IL</b>	75	7.62
<b>KS</b>	56	5.69
<b>MA</b>	17	1.73
<b>MD</b>	32	3.25
<b>MO</b>	39	3.96
<b>NJ</b>	17	1.73
<b>NY</b>	52	5.28
<b>OR</b>	18	1.83
<b>PA</b>	47	4.78
<b>SC</b>	34	3.46
<b>TN</b>	72	7.32
<b>UT</b>	16	1.63
<b>WA</b>	24	2.44
<b>WI</b>	67	6.81

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

<b>HOSPZIP</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>Blank</b>	280	28.46
<b>Non-Blank</b>	704	71.54

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<b>HOSP_BEDSIZE</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>.: Missing</b>	<= 10	**.*
<b>1: Small</b>	329	33.43
<b>2: Medium</b>	324	32.93
<b>3: Large</b>	329	33.43

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



<b>HOSP_CONTROL</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>.: Missing</b>	<= 10	**.**
<b>0: Government or private (collapsed category)</b>	355	36.08
<b>1: Government, nonfederal (public)</b>	201	20.43
<b>2: Private, not-for-profit (voluntary)</b>	176	17.89
<b>3: Private, investor-owned (proprietary)</b>	116	11.79
<b>4: Private (collapsed category)</b>	134	13.62

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<b>HOSP_LOCATION</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>.: Missing</b>	<= 10	**.**
<b>0: Rural</b>	430	43.70
<b>1: Urban</b>	552	56.10

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<b>HOSP_LOCTEACH</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>.: Missing</b>	<= 10	**.**
<b>1: Rural</b>	430	43.70
<b>2: Urban nonteach</b>	365	37.09
<b>3: Urban teaching</b>	187	19.00

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<b>HOSP_REGION</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>1: Northeast</b>	140	14.23
<b>2: Midwest</b>	290	29.47
<b>3: South</b>	361	36.69
<b>4: West</b>	193	19.61

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<b>HOSP_TEACH</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>.: Missing</b>	<= 10	**.*
<b>0: Nonteach</b>	787	79.98
<b>1: Teaching</b>	195	19.82

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

<b>IDNUMBER</b>	<b>Frequency</b>	<b>Percent of Total</b>
<b>Blank</b>	280	28.46
<b>Non-Blank</b>	704	71.54

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NIS_STRATUM	Frequency	Percent of Total
1011	11	1.12
1012	<= 10	**.**
1013	11	1.12
1021	23	2.34
1022	18	1.83
1023	17	1.73
1031	18	1.83
1032	15	1.52
1033	17	1.73
2021	27	2.74
2022	25	2.54
2023	26	2.64
2031	17	1.73
2032	15	1.52
2033	17	1.73
2111	28	2.85
2112	21	2.13
2113	16	1.63
2411	28	2.85
2412	29	2.95
2413	41	4.17
3031	17	1.73
3032	19	1.93
3033	18	1.83
3111	22	2.24
3112	25	2.54
3113	17	1.73
3121	11	1.12
3122	<= 10	**.**
3123	<= 10	**.**
3211	17	1.73
3212	22	2.24
3213	28	2.85
3221	20	2.03

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

<b>NIS_STRATUM</b>	<b>Frequency</b>	<b>Percent of Total</b>
3222	21	2.13
3223	21	2.13
3311	<= 10	**. **
3312	<= 10	**. **
3313	15	1.52
3321	16	1.63
3322	25	2.54
3323	17	1.73
4031	11	1.12
4032	11	1.12
4033	12	1.22
4111	18	1.83
4112	11	1.12
4113	<= 10	**. **
4121	<= 10	**. **
4122	<= 10	**. **
4123	<= 10	**. **
4221	15	1.52
4222	14	1.42
4223	20	2.03
4321	<= 10	**. **
4322	11	1.12
4323	<= 10	**. **
4411	<= 10	**. **
4412	13	1.32
4413	16	1.63

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



**The UNIVARIATE Procedure**

**Variable: DISCWT (Weight to discharges in AHA Universe)**

Moments			
<b>N</b>	984	<b>Sum Weights</b>	984
<b>Mean</b>	5.19798811	<b>Sum Observations</b>	5114.8203
<b>Std Deviation</b>	0.90504232	<b>Variance</b>	0.8191016
<b>Skewness</b>	2.75672578	<b>Kurtosis</b>	23.6477434
<b>Uncorrected SS</b>	27391.952	<b>Corrected SS</b>	805.176875
<b>Coeff Variation</b>	17.4113965	<b>Std Error Mean</b>	0.0288517

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	5.197988	<b>Std Deviation</b>	0.90504
<b>Median</b>	5.127372	<b>Variance</b>	0.81910
<b>Mode</b>	4.707909	<b>Range</b>	12.96033
		<b>Interquartile Range</b>	0.94744

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	180.1623	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	492	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	242310	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	16.02379
<b>99%</b>	7.98112
<b>95%</b>	6.63416
<b>90%</b>	6.13204
<b>75% Q3</b>	5.55515
<b>50% Median</b>	5.12737
<b>25% Q1</b>	4.60770
<b>10%</b>	4.36224
<b>5%</b>	4.00595

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

*The UNIVARIATE Procedure*

*Variable: DISCWT (Weight to discharges in AHA Universe)*

<b>Quantiles (Definition 5)</b>	
<b>Quantile</b>	<b>Estimate</b>
<b>1%</b>	3.81748
<b>0% Min</b>	3.06346

*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)**

Moments			
<b>N</b>	984	<b>Sum Weights</b>	984
<b>Mean</b>	4.9949187	<b>Sum Observations</b>	4915
<b>Std Deviation</b>	0.48399196	<b>Variance</b>	0.23424822
<b>Skewness</b>	4.93960918	<b>Kurtosis</b>	26.8152636
<b>Uncorrected SS</b>	24780.2914	<b>Corrected SS</b>	230.265997
<b>Coeff Variation</b>	9.68968642	<b>Std Error Mean</b>	0.0154291

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	4.994919	<b>Std Deviation</b>	0.48399
<b>Median</b>	4.928571	<b>Variance</b>	0.23425
<b>Mode</b>	5.000000	<b>Range</b>	3.57576
		<b>Interquartile Range</b>	0.15385

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	323.7336	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	492	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	242310	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	7.90909
<b>99%</b>	7.90909
<b>95%</b>	5.64706
<b>90%</b>	5.00000
<b>75% Q3</b>	5.00000
<b>50% Median</b>	4.92857
<b>25% Q1</b>	4.84615
<b>10%</b>	4.73333
<b>5%</b>	4.71429

**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)*

<b>Quantiles (Definition 5)</b>	
<b>Quantile</b>	<b>Estimate</b>
<b>1%</b>	4.40000
<b>0% Min</b>	4.33333

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*The UNIVARIATE Procedure*

*Variable: N\_DISC\_U (Number of AHA universe discharges in NIS\_STRATUM)*

Moments			
<b>N</b>	984	<b>Sum Weights</b>	984
<b>Mean</b>	647959.776	<b>Sum Observations</b>	637592420
<b>Std Deviation</b>	652833.976	<b>Variance</b>	4.26192E11
<b>Skewness</b>	1.5459209	<b>Kurtosis</b>	2.09622746
<b>Uncorrected SS</b>	8.32081E14	<b>Corrected SS</b>	4.18947E14
<b>Coeff Variation</b>	100.752238	<b>Std Error Mean</b>	20811.587

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	647959.8	<b>Std Deviation</b>	652834
<b>Median</b>	397362.0	<b>Variance</b>	4.26192E11
<b>Mode</b>	883359.0	<b>Range</b>	2822376
		<b>Interquartile Range</b>	697586

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	31.13457	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	492	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	242310	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	2837920
<b>99%</b>	2837920
<b>95%</b>	2374610
<b>90%</b>	1503485
<b>75% Q3</b>	883359
<b>50% Median</b>	397362
<b>25% Q1</b>	185773
<b>10%</b>	75989
<b>5%</b>	63897

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*The UNIVARIATE Procedure*

*Variable: N\_DISC\_U (Number of AHA universe discharges in NIS\_STRATUM)*

<b>Quantiles (Definition 5)</b>	
<b>Quantile</b>	<b>Estimate</b>
<b>1%</b>	28338
<b>0% Min</b>	15544

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*The UNIVARIATE Procedure*

*Variable: N\_HOSP\_U (Number of AHA universe hospitals in NIS\_STRATUM)*

Moments			
<b>N</b>	984	<b>Sum Weights</b>	984
<b>Mean</b>	99.0386179	<b>Sum Observations</b>	97454
<b>Std Deviation</b>	39.38596	<b>Variance</b>	1551.25385
<b>Skewness</b>	0.61393439	<b>Kurtosis</b>	0.42898368
<b>Uncorrected SS</b>	11176592	<b>Corrected SS</b>	1524882.53
<b>Coeff Variation</b>	39.7682852	<b>Std Error Mean</b>	1.25557855

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	99.0386	<b>Std Deviation</b>	39.38596
<b>Median</b>	92.0000	<b>Variance</b>	1551
<b>Mode</b>	103.0000	<b>Range</b>	195.00000
		<b>Interquartile Range</b>	50.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	78.87887	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	492	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	242310	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	204
<b>99%</b>	204
<b>95%</b>	174
<b>90%</b>	144
<b>75% Q3</b>	125
<b>50% Median</b>	92
<b>25% Q1</b>	75
<b>10%</b>	52
<b>5%</b>	41

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*The UNIVARIATE Procedure*

*Variable: N\_HOSP\_U (Number of AHA universe hospitals in NIS\_STRATUM)*

<b>Quantiles (Definition 5)</b>	
<b>Quantile</b>	<b>Estimate</b>
<b>1%</b>	26
<b>0% Min</b>	9

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*The UNIVARIATE Procedure*

*Variable: S\_DISC\_U (Number of sample discharges in NIS\_STRATUM)*

Moments			
<b>N</b>	984	<b>Sum Weights</b>	984
<b>Mean</b>	127035.704	<b>Sum Observations</b>	125003133
<b>Std Deviation</b>	120328.274	<b>Variance</b>	1.44789E10
<b>Skewness</b>	1.19306893	<b>Kurtosis</b>	0.91260483
<b>Uncorrected SS</b>	3.01126E13	<b>Corrected SS</b>	1.42328E13
<b>Coeff Variation</b>	94.7200433	<b>Std Error Mean</b>	3835.92527

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	127035.7	<b>Std Deviation</b>	120328
<b>Median</b>	73740.0	<b>Variance</b>	1.44789E10
<b>Mode</b>	187633.0	<b>Range</b>	509357
		<b>Interquartile Range</b>	154247

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	33.11736	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	492	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	242310	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	514431
<b>99%</b>	514431
<b>95%</b>	357937
<b>90%</b>	307045
<b>75% Q3</b>	188521
<b>50% Median</b>	73740
<b>25% Q1</b>	34274
<b>10%</b>	14951
<b>5%</b>	10957

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*The UNIVARIATE Procedure*

*Variable: S\_DISC\_U (Number of sample discharges in NIS\_STRATUM)*

<b>Quantiles (Definition 5)</b>	
<b>Quantile</b>	<b>Estimate</b>
<b>1%</b>	6504
<b>0% Min</b>	5074

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*The UNIVARIATE Procedure*

*Variable: S\_HOSP\_U (Number of sample hospitals in NIS\_STRATUM)*

Moments			
<b>N</b>	984	<b>Sum Weights</b>	984
<b>Mean</b>	19.7154472	<b>Sum Observations</b>	19400
<b>Std Deviation</b>	7.45705407	<b>Variance</b>	55.6076553
<b>Skewness</b>	0.66367583	<b>Kurtosis</b>	0.88605282
<b>Uncorrected SS</b>	437142	<b>Corrected SS</b>	54662.3252
<b>Coeff Variation</b>	37.8234083	<b>Std Error Mean</b>	0.2377222

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	19.71545	<b>Std Deviation</b>	7.45705
<b>Median</b>	18.00000	<b>Variance</b>	55.60766
<b>Mode</b>	17.00000	<b>Range</b>	39.00000
		<b>Interquartile Range</b>	10.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	82.93482	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	492	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	242310	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	41
<b>99%</b>	41
<b>95%</b>	29
<b>90%</b>	28
<b>75% Q3</b>	25
<b>50% Median</b>	18
<b>25% Q1</b>	15
<b>10%</b>	11
<b>5%</b>	9

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*The UNIVARIATE Procedure*

*Variable: S\_HOSP\_U (Number of sample hospitals in NIS\_STRATUM)*

<b>Quantiles (Definition 5)</b>	
<b>Quantile</b>	<b>Estimate</b>
<b>1%</b>	6
<b>0% Min</b>	2

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