

NASS Summary Statistics 2022
Hospital File Contents
Alphabetic List of Variables and Attributes

Num	Variable	Type	Len	Pos	Label
2	DISCWT	Num	8	0	Encounter Weight
3	HOSP_BEDSIZE_CAT	Num	3	52	Hospital Beds, 1:0-99, 2:100-299, 3:300+
4	HOSP_LOCATION	Num	3	55	AHA: Location of Hospital, 0:Rural, 1:Urban
5	HOSP_LOCTEACH	Num	3	58	NASS: Location/teaching status of hospital
1	HOSP_NASS	Num	4	48	NASS Hospital Number
6	HOSP_REGION	Num	3	61	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West
7	NASS_STRATUM	Char	2	67	NASS Sample Stratum
8	N_DISC_U	Num	8	8	Total Number of AS Encounters for All Hospitals in NASS_STRATUM
9	N_HOSP_U	Num	8	16	Total Number of Hospitals in NASS_STRATUM
10	S_DISC_U	Num	8	24	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM
11	S_HOSP_U	Num	8	32	Total Number of Sampled Hospitals in NASS_STRATUM
12	TOTAL_AS_ENCOUNTERS	Num	8	40	Total Number of AS encounters for the Hospital
13	YEAR	Num	3	64	Data Year

**NASS Summary Statistics 2022
Means for Hospital File**

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Sum
HOSP_NASS : NASS Hospital Number	2,799	0	10,003	40,537	25,563.9	71,553,496
DISCWT : Encounter Weight	2,799	0	1	4	1.5	4,188
HOSP_BEDSIZE_CAT : Hospital Beds, 1:0-99, 2:100-299, 3:300+	2,799	0	1	3	1.8	4,942
HOSP_LOCATION : AHA: Location of Hospital, 0:Rural, 1:Urban	2,799	0	0	1	0.7	1,880
HOSP_LOCTEACH : NASS: Location/teaching status of hospital	2,799	0	1	3	2.1	5,841
HOSP_REGION : Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West	2,799	0	1	4	2.5	7,022
N_DISC_U : Total Number of AS Encounters for All Hospitals in NASS_STRATUM	2,799	0	17,359	1,196,906	315,847.6	884,057,421
N_HOSP_U : Total Number of Hospitals in NASS_STRATUM	2,799	0	12	367	120.6	337,512
S_DISC_U : Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM	2,799	0	5,748	1,149,347	243,775.6	682,327,805
S_HOSP_U : Total Number of Sampled Hospitals in NASS_STRATUM	2,799	0	10	274	86.4	241,967
TOTAL_AS_ENCOUNTERS : Total Number of AS encounters for the Hospital	2,799	0	25	47,863	3,250.1	9,097,088
YEAR : Data Year	2,799	0	2,022	2,022	2,022.0	5,659,578

NASS Summary Statistics 2022 Frequencies for Hospital File

HOSP_BEDSIZE_CAT	Frequency	Percent of Total
1: 0-99	1,252	44.73%
2: 100-299	951	33.98%
3: 300+	596	21.29%

HOSP_LOCATION	Frequency	Percent of Total
0: Rural	919	32.83%
1: Urban	1,880	67.17%

HOSP_LOCTEACH	Frequency	Percent of Total
1: Rural, Non-teaching or Teaching	919	32.83%
2: Urban, Non-teaching	718	25.65%
3: Urban, Teaching	1,162	41.51%

HOSP_REGION	Frequency	Percent of Total
1: Northeast	377	13.47%
2: Midwest	1,082	38.66%
3: South	879	31.40%
4: West	461	16.47%

NASS_STRATUM	Frequency	Percent of Total
01	45	1.61%
02	54	1.93%
03	122	4.36%
04	30	1.07%
05	11	0.39%
06	14	0.50%
07	63	2.25%
08	40	1.43%
09	71	2.54%
10	19	0.68%
11	15	0.54%
12	22	0.79%
13	74	2.64%
14	22	0.79%

NASS Summary Statistics 2022 Frequencies for Hospital File

NASS_STRATUM	Frequency	Percent of Total
15	13	0.46%
16	54	1.93%
17	83	2.97%
18	89	3.18%
19	31	1.11%
20	39	1.39%
21	36	1.29%
22	100	3.57%
23	19	0.68%
24	47	1.68%
25	19	0.68%
26	37	1.32%
27	23	0.82%
28	19	0.68%
29	19	0.68%
30	27	0.96%
31	106	3.79%
32	42	1.50%
33	95	3.39%
34	27	0.96%
35	274	9.79%
36	72	2.57%
37	22	0.79%
38	<= 10	*,**%
39	66	2.36%
40	12	0.43%
41	75	2.68%
42	41	1.46%
43	55	1.96%
44	23	0.82%
45	153	5.47%
46	19	0.68%
47	73	2.61%
48	44	1.57%

**NASS Summary Statistics 2022
Frequencies for Hospital File**

NASS_STRATUM	Frequency	Percent of Total
49	31	1.11%
50	14	0.50%
51	46	1.64%
52	76	2.72%
53	34	1.21%
54	47	1.68%
55	40	1.43%
56	35	1.25%
57	<= 10	*.**%

**The UNIVARIATE Procedure
Variable: DISCWT (Encounter Weight)**

Moments			
N	2799	Sum Weights	2799
Mean	1.49619489	Sum Observations	4187.84949
Std Deviation	0.52093023	Variance	0.27136831
Skewness	2.55160316	Kurtosis	8.26103352
Uncorrected SS	7025.12752	Corrected SS	759.288521
Coeff Variation	34.8170038	Std Error Mean	0.00984641

Basic Statistical Measures			
Location		Variability	
Mean	1.496195	Std Deviation	0.52093
Median	1.356040	Variance	0.27137
Mode	1.290298	Range	3.03676
		Interquartile Range	0.49259

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	151.9533	Pr > t 	<.0001
Sign	M	1399.5	Pr >= M 	<.0001
Signed Rank	S	1959300	Pr >= S 	<.0001

**NASS Summary Statistics 2022
Univariates on NASS Hospital File**

**The UNIVARIATE Procedure
Variable: DISCWT (Encounter Weight)**

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.04873
99%	3.96727
95%	2.37817
90%	2.05919
75% Q3	1.63505
50% Median	1.35604
25% Q1	1.14246
10%	1.04677
5%	1.04138
1%	1.01197
0% Min	1.01197

**The UNIVARIATE Procedure
Variable: N_DISC_U (Total Number of AS Encounters for All Hospitals in NASS_STRATUM)**

Moments			
N	2799	Sum Weights	2799
Mean	315847.596	Sum Observations	884057421
Std Deviation	308682.243	Variance	9.52847E10
Skewness	1.55035246	Kurtosis	1.60263993
Uncorrected SS	5.45834E14	Corrected SS	2.66607E14
Coeff Variation	97.731389	Std Error Mean	5834.58804

Basic Statistical Measures			
Location		Variability	
Mean	315847.6	Std Deviation	308682
Median	177971.3	Variance	9.52847E10
Mode	149446.2	Range	1179547
		Interquartile Range	337170

**NASS Summary Statistics 2022
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

Variable: N_DISC_U (Total Number of AS Encounters for All Hospitals in NASS_STRATUM)

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	54.13366	Pr > t	<.0001
Sign	M	1399.5	Pr >= M	<.0001
Signed Rank	S	1959300	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1196905.8
99%	1196905.8
95%	1126219.2
90%	855396.5
75% Q3	432133.2
50% Median	177971.3
25% Q1	94963.3
10%	51542.9
5%	37997.5
1%	20064.3
0% Min	17358.7

The UNIVARIATE Procedure

Variable: N_HOSP_U (Total Number of Hospitals in NASS_STRATUM)

Moments			
N	2799	Sum Weights	2799
Mean	120.583065	Sum Observations	337512
Std Deviation	89.808458	Variance	8065.55913
Skewness	1.83289471	Kurtosis	2.74018254
Uncorrected SS	63265666	Corrected SS	22567434.4
Coeff Variation	74.4784997	Std Error Mean	1.69752348

**NASS Summary Statistics 2022
Univariates on NASS Hospital File**

The UNIVARIATE Procedure
Variable: **N_HOSP_U** (Total Number of Hospitals in NASS_STRATUM)

Basic Statistical Measures			
Location		Variability	
Mean	120.5831	Std Deviation	89.80846
Median	105.0000	Variance	8066
Mode	367.0000	Range	355.00000
		Interquartile Range	75.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	71.0347	Pr > t	<.0001
Sign	M	1399.5	Pr >= M	<.0001
Signed Rank	S	1959300	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	367
99%	367
95%	367
90%	160
75% Q3	141
50% Median	105
25% Q1	66
10%	40
5%	29
1%	21
0% Min	12

The UNIVARIATE Procedure
Variable: **S_DISC_U** (Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM)

Moments			
N	2799	Sum Weights	2799
Mean	243775.564	Sum Observations	682327805
Std Deviation	264541.083	Variance	6.9982E10
Skewness	1.92388408	Kurtosis	3.46187388

**NASS Summary Statistics 2022
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

Variable: S_DISC_U (Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM)

Moments			
Uncorrected SS	3.62144E14	Corrected SS	1.9581E14
Coeff Variation	108.518294	Std Error Mean	5000.24954

Basic Statistical Measures			
Location		Variability	
Mean	243775.6	Std Deviation	264541
Median	118613.0	Variance	6.9982E10
Mode	115823.0	Range	1143599
		Interquartile Range	223913

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	48.75268	Pr > t 	<.0001
Sign	M	1399.5	Pr >= M 	<.0001
Signed Rank	S	1959300	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1149347
99%	1149347
95%	866016
90%	594721
75% Q3	300888
50% Median	118613
25% Q1	76975
10%	30576
5%	17429
1%	8360
0% Min	5748

**NASS Summary Statistics 2022
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

Variable: **S_HOSP_U** (Total Number of Sampled Hospitals in NASS_STRATUM)

Moments			
N	2799	Sum Weights	2799
Mean	86.4476599	Sum Observations	241967
Std Deviation	70.76529	Variance	5007.72626
Skewness	1.68154136	Kurtosis	2.04868653
Uncorrected SS	34929099	Corrected SS	14011618.1
Coeff Variation	81.8591157	Std Error Mean	1.33757715

Basic Statistical Measures			
Location		Variability	
Mean	86.4477	Std Deviation	70.76529
Median	71.0000	Variance	5008
Mode	274.0000	Range	264.00000
		Interquartile Range	60.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	64.63004	Pr > t 	<.0001
Sign	M	1399.5	Pr >= M 	<.0001
Signed Rank	S	1959300	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	274
99%	274
95%	274
90%	153
75% Q3	100
50% Median	71
25% Q1	40
10%	23
5%	19
1%	11
0% Min	10

**NASS Summary Statistics 2022
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

Variable: TOTAL_AS_ENCOUNTERS (Total Number of AS encounters for the Hospital)

The UNIVARIATE Procedure

Variable: TOTAL_AS_ENCOUNTERS (Total Number of AS encounters for the Hospital)

Moments			
N	2799	Sum Weights	2799
Mean	3250.12076	Sum Observations	9097088
Std Deviation	4159.87475	Variance	17304558
Skewness	3.44335331	Kurtosis	19.5379271
Uncorrected SS	7.79848E10	Corrected SS	4.84182E10
Coeff Variation	127.991391	Std Error Mean	78.6282855

Basic Statistical Measures			
Location		Variability	
Mean	3250.121	Std Deviation	4160
Median	1961.000	Variance	17304558
Mode	326.000	Range	47838
		Interquartile Range	3459

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	41.33526	Pr > t 	<.0001
Sign	M	1399.5	Pr >= M 	<.0001
Signed Rank	S	1959300	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	47863
99%	19513
95%	11491
90%	7541
75% Q3	4136
50% Median	1961
25% Q1	677
10%	214
5%	119

NASS Summary Statistics 2022
Univariates on NASS Hospital File

The UNIVARIATE Procedure

Variable: TOTAL_AS_ENCOUNTERS (Total Number of AS encounters for the Hospital)

Quantiles (Definition 5)	
Level	Quantile
1%	47
0% Min	25