

**NASS Summary Statistics 2021
Hospital File Contents
Alphabetic List of Variables and Attributes**

Num	Variable	Type	Len	Pos	Label
6	DISCWT	Num	8	16	Encounter Weight
5	HOSP_BEDSIZE_CAT	Num	3	71	Hospital Beds 1:0-99 2:100-299 3:300+
2	HOSP_LOCATION	Num	8	0	AHA: Location of Hospital, 0:rural, 1:urban
3	HOSP_LOCTEACH	Num	3	68	NASS: Location/teaching status of hospital
1	HOSP_NASS	Num	4	64	NASS Hospital Number
4	HOSP_REGION	Num	8	8	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West
7	NASS_STRATUM	Char	2	77	NASS sample stratum
8	N_DISC_U	Num	8	24	Total Number of AS Encounters for all Hospitals in NASS_STRATUM
9	N_HOSP_U	Num	8	32	Total Number of Hospitals in NASS_STRATUM
10	S_DISC_U	Num	8	40	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM
11	S_HOSP_U	Num	8	48	Total Number of Sampled Hospitals in NASS_STRATUM
12	TOTAL_AS_ENCOUNTERS	Num	8	56	SASD encounters with >= 1 narrow surgery
13	YEAR	Num	3	74	Data Year

**NASS Summary Statistics 2021
Means for Hospital File**

The MEANS Procedure

Variable	Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
HOSP_NASS	NASS Hospital Number	2881	0	10001.00	40533.00	25523.48	9248.36
HOSP_LOCATION	AHA: Location of Hospital, 0:rural, 1:urban	2881	0	0	1.0000000	0.6778896	0.4673661
HOSP_LOCTEACH	NASS: Location/teaching status of hospital	2881	0	1.0000000	3.0000000	2.0826102	0.8486793
HOSP_REGION	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West	2881	0	1.0000000	4.0000000	2.5053801	0.9249937
HOSP_BEDSIZE_CAT	Hospital Beds 1:0-99 2:100-299 3:300+	2881	0	1.0000000	3.0000000	1.7611940	0.7727345
DISCWT	Encounter Weight	2881	0	1.0000000	4.3702401	1.4797439	0.5101030
N_DISC_U	Total Number of AS Encounters for all Hospitals in NASS_STRATUM	2881	0	15502.00	1139328.78	295904.21	292405.48
N_HOSP_U	Total Number of Hospitals in NASS_STRATUM	2881	0	11.0000000	368.0000000	115.9937522	88.1104458
S_DISC_U	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM	2881	0	6344.00	1091030.00	231512.11	253060.33
S_HOSP_U	Total Number of Sampled Hospitals in NASS_STRATUM	2881	0	10.0000000	261.0000000	83.1929885	65.7137012
TOTAL_AS_ENCOUNTERS	SASD encounters with >= 1 narrow surgery	2881	0	29.0000000	42050.00	3087.99	3950.56
YEAR	Data Year	2881	0	2021.00	2021.00	2021.00	0

NASS Summary Statistics 2021
Frequency Distribution for HOSP_NASS

HOSP_NASS	Frequency	Percent of Total
Not Missing	2,881	100.0%

NASS Summary Statistics 2021
Frequency Distribution for HOSP_BEDSIZE_CAT

HOSP_BEDSIZE_CAT	Frequency	Percent of Total
0-99	1,286	44.64%
100-299	997	34.61%
300+	598	20.76%

NASS Summary Statistics 2021
Frequency Distribution for HOSP_LOCTEACH

HOSP_LOCTEACH	Frequency	Percent of Total
Rural, Non-teaching or Teaching	928	32.21%
Urban, Non-teaching	787	27.32%
Urban, Teaching	1,166	40.47%

NASS Summary Statistics 2021
Frequency Distribution for HOSP_REGION

HOSP_REGION	Frequency	Percent of Total
Northeast	408	14.16%
Midwest	1,073	37.24%
South	936	32.49%
West	464	16.11%

NASS Summary Statistics 2021
Frequency Distribution for HOSP_LOCATION

HOSP_LOCATION	Frequency	Percent of Total
Rural	928	32.21%
Urban	1,953	67.79%

NASS Summary Statistics 2021
Frequency Distribution for NASS_STRATUM

NASS_STRATUM	Frequency	Percent of Total
01	51	1.77%
02	13	0.45%
03	66	2.29%
04	69	2.40%
05	<= 10	*.**%
06	20	0.69%
07	75	2.60%
08	39	1.35%
09	17	0.59%
10	12	0.42%
11	97	3.37%
12	48	1.67%
13	52	1.80%
14	41	1.42%
15	49	1.70%
16	80	2.78%
17	13	0.45%
18	23	0.80%
19	60	2.08%
20	<= 10	*.**%
21	106	3.68%
22	29	1.01%
23	48	1.67%
24	17	0.59%
25	24	0.83%
26	64	2.22%
27	29	1.01%
28	20	0.69%
29	45	1.56%
30	22	0.76%
31	43	1.49%
32	152	5.28%
33	<= 10	*.**%
34	<= 10	*.**%

NASS Summary Statistics 2021
Frequency Distribution for NASS_STRATUM

NASS_STRATUM	Frequency	Percent of Total
35	20	0.69%
36	68	2.36%
37	98	3.40%
38	23	0.80%
39	38	1.32%
40	28	0.97%
41	34	1.18%
42	35	1.21%
43	83	2.88%
44	32	1.11%
45	32	1.11%
46	14	0.49%
47	34	1.18%
48	44	1.53%
49	261	9.06%
50	98	3.40%
51	53	1.84%
52	22	0.76%
53	40	1.39%
54	17	0.59%
55	48	1.67%
56	22	0.76%
57	120	4.17%
58	70	2.43%
59	71	2.46%
60	12	0.42%

**NASS Summary Statistics 2021
Univariates on NASS Hospital File**

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

Moments			
N	2881	Sum Weights	2881
Mean	1.47974391	Sum Observations	4263.14221
Std Deviation	0.510103	Variance	0.26020507
Skewness	2.89269627	Kurtosis	10.8514718
Uncorrected SS	7057.74933	Corrected SS	749.390599
Coeff Variation	34.4723837	Std Error Mean	0.00950356

Basic Statistical Measures			
Location		Variability	
Mean	1.479744	Std Deviation	0.51010
Median	1.375041	Variance	0.26021
Mode	1.375041	Range	3.37024
		Interquartile Range	0.45464

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	155.7042	Pr > t 	<.0001
Sign	M	1440.5	Pr >= M 	<.0001
Signed Rank	S	2075761	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.37024
99%	3.85052
95%	2.46355
90%	1.78146
75% Q3	1.61829
50% Median	1.37504
25% Q1	1.16364
10%	1.04427
5%	1.03292
1%	1.03292
0% Min	1.00000

**NASS Summary Statistics 2021
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

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

Moments			
N	2881	Sum Weights	2881
Mean	295904.208	Sum Observations	852500023
Std Deviation	292405.48	Variance	8.5501E10
Skewness	1.56535566	Kurtosis	1.66639324
Uncorrected SS	4.98501E14	Corrected SS	2.46243E14
Coeff Variation	98.8176147	Std Error Mean	5447.70872

Basic Statistical Measures			
Location		Variability	
Mean	295904.2	Std Deviation	292405
Median	168121.6	Variance	8.5501E10
Mode	144826.2	Range	1123827
		Interquartile Range	329715

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	54.31719	Pr > t 	<.0001
Sign	M	1440.5	Pr >= M 	<.0001
Signed Rank	S	2075761	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1139328.8
99%	1139328.8
95%	1058985.8
90%	837664.8
75% Q3	423262.7
50% Median	168121.6
25% Q1	93548.1
10%	47331.2
5%	35244.2
1%	16995.2
0% Min	15502.0

**NASS Summary Statistics 2021
Univariates on NASS Hospital File**

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

Moments			
N	2881	Sum Weights	2881
Mean	115.993752	Sum Observations	334178
Std Deviation	88.1104458	Variance	7763.45066
Skewness	1.94207689	Kurtosis	3.24760279
Uncorrected SS	61121298	Corrected SS	22358737.9
Coeff Variation	75.9613722	Std Error Mean	1.64155625

Basic Statistical Measures			
Location		Variability	
Mean	115.9938	Std Deviation	88.11045
Median	98.0000	Variance	7763
Mode	368.0000	Range	357.00000
		Interquartile Range	62.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	70.66085	Pr > t 	<.0001
Sign	M	1440.5	Pr >= M 	<.0001
Signed Rank	S	2075761	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	368
99%	368
95%	368
90%	159
75% Q3	126
50% Median	98
25% Q1	64
10%	36
5%	31
1%	15
0% Min	11

**NASS Summary Statistics 2021
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

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

Moments			
N	2881	Sum Weights	2881
Mean	231512.114	Sum Observations	666986400
Std Deviation	253060.334	Variance	6.40395E10
Skewness	1.89344686	Kurtosis	3.31213255
Uncorrected SS	3.38849E14	Corrected SS	1.84434E14
Coeff Variation	109.307599	Std Error Mean	4714.68246

Basic Statistical Measures			
Location		Variability	
Mean	231512.1	Std Deviation	253060
Median	128996.0	Variance	6.40395E10
Mode	105325.0	Range	1084686
		Interquartile Range	229641

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	49.1045	Pr > t 	<.0001
Sign	M	1440.5	Pr >= M 	<.0001
Signed Rank	S	2075761	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1091030
99%	1091030
95%	851085
90%	568259
75% Q3	299113
50% Median	128996
25% Q1	69472
10%	27256
5%	17549
1%	8331
0% Min	6344

**NASS Summary Statistics 2021
Univariates on NASS Hospital File**

The UNIVARIATE Procedure
Variable: S_HOSP_U (Total Number of Sampled Hospitals in NASS_STRATUM)

Moments			
N	2881	Sum Weights	2881
Mean	83.1929885	Sum Observations	239679
Std Deviation	65.7137012	Variance	4318.29052
Skewness	1.66018253	Kurtosis	2.11271747
Uncorrected SS	32376289	Corrected SS	12436676.7
Coeff Variation	78.9894705	Std Error Mean	1.22428999

Basic Statistical Measures			
Location		Variability	
Mean	83.1930	Std Deviation	65.71370
Median	68.0000	Variance	4318
Mode	261.0000	Range	251.00000
		Interquartile Range	58.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	67.95203	Pr > t 	<.0001
Sign	M	1440.5	Pr >= M 	<.0001
Signed Rank	S	2075761	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	261
99%	261
95%	261
90%	152
75% Q3	98
50% Median	68
25% Q1	40
10%	23
5%	17
1%	10
0% Min	10

The UNIVARIATE Procedure
Variable: TOTAL_AS_ENCOUNTERS (SASD encounters with >= 1 narrow surgery)

Moments			
N	2881	Sum Weights	2881
Mean	3087.99271	Sum Observations	8896507
Std Deviation	3950.5565	Variance	15606896.7
Skewness	3.41352959	Kurtosis	19.0640295
Uncorrected SS	7.24202E10	Corrected SS	4.49479E10
Coeff Variation	127.932831	Std Error Mean	73.6014971

Basic Statistical Measures			
Location		Variability	
Mean	3087.993	Std Deviation	3951
Median	1869.000	Variance	15606897
Mode	109.000	Range	42021
		Interquartile Range	3275

Note: The mode displayed is the smallest of 2 modes with a count of 6.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	41.95557	Pr > t 	<.0001
Sign	M	1440.5	Pr >= M 	<.0001
Signed Rank	S	2075761	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	42050
99%	18465
95%	10840
90%	7196
75% Q3	3910
50% Median	1869
25% Q1	635
10%	218
5%	125
1%	50
0% Min	29