

**NASS Summary Statistics 2019
Hospital File Contents
Alphabetic List of Variables and Attributes**

Num	Variable	Type	Len	Pos	Label
8	DISCWT	Num	8	32	Encounter Weight
7	HOSP_BEDSIZE_CAT	Num	3	95	Hospital Beds 1:0-99 2:100-299 3:300+
2	HOSP_CONTROL	Num	8	0	NASS: Control/ownership of hospital
4	HOSP_LOCATION	Num	8	16	AHA: Location of Hospital, 0:rural, 1:urban
5	HOSP_LOCTEACH	Num	3	92	NASS: Location/teaching status of hospital
1	HOSP_NASS	Num	4	88	NASS Hospital Number
6	HOSP_REGION	Num	8	24	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West
3	HOSP_TEACH	Num	8	8	AHA: Teaching status of hospital, 0:non-teaching, 1: teaching
9	NASS_STRATUM	Char	2	98	NASS sample stratum
10	N_DISC_U	Num	8	40	Total Number of AS Encounters for all Hospitals in NASS_STRATUM
11	N_HOSP_U	Num	8	48	Total Number of Hospitals in NASS_STRATUM
12	S_DISC_U	Num	8	56	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM
13	S_HOSP_U	Num	8	64	Total Number of Sampled Hospitals in NASS_STRATUM
14	TOTAL_AS_ENCOUNTERS	Num	8	72	SASD encounters with >= 1 narrow surgery
15	YEAR	Num	8	80	Data Year

**NASS Summary Statistics 2019
Means for Hospital File**

The MEANS Procedure

Variable	Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
HOSP_NASS	NASS Hospital Number	2958	0	10001.00	40524.00	25605.79	9285.78
HOSP_CONTROL	NASS: Control/ownership of hospital	2958	0	1.0000000	3.0000000	2.0016903	0.5694843
HOSP_TEACH	AHA: Teaching status of hospital, 0:non-teaching, 1: teaching	2958	0	0	1.0000000	0.4442191	0.4969628
HOSP_LOCATION	AHA: Location of Hospital, 0:rural, 1:urban	2958	0	0	1.0000000	0.6754564	0.4682832
HOSP_LOCTEACH	NASS: Location/teaching status of hospital	2958	0	1.0000000	3.0000000	2.0703178	0.8454005
HOSP_REGION	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West	2958	0	1.0000000	4.0000000	2.5145368	0.9291570
HOSP_BEDSIZE_CAT	Hospital Beds 1:0-99 2:100-299 3:300+	2958	0	1.0000000	3.0000000	1.7663962	0.7718368
DISCWT	Encounter Weight	2958	0	1.0250226	5.1134858	1.4623050	0.5250673
N_DISC_U	Total Number of AS Encounters for all Hospitals in NASS_STRATUM	2958	0	11831.02	1124670.87	283446.20	281659.38
N_HOSP_U	Total Number of Hospitals in NASS_STRATUM	2958	0	12.0000000	367.0000000	114.5459770	88.0180356
S_DISC_U	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM	2958	0	6498.00	1069756.00	223356.98	242965.35
S_HOSP_U	Total Number of Sampled Hospitals in NASS_STRATUM	2958	0	10.0000000	272.0000000	83.6159567	67.7966078
TOTAL_AS_ENCOUNTERS	SASD encounters with >= 1 narrow surgery	2958	0	16.0000000	43923.00	3040.60	3929.28
YEAR	Data Year	2958	0	2019.00	2019.00	2019.00	0

NASS Summary Statistics 2019
Frequency Distribution for HOSP_NASS

HOSP_NASS	Frequency	Percent of Total
Not Missing	2,958	100.0%

NASS Summary Statistics 2019
Frequency Distribution for HOSP_BEDSIZE_CAT

HOSP_BEDSIZE_CAT	Frequency	Percent of Total
0-99	1,307	44.19%
100-299	1,035	34.99%
300+	616	20.82%

NASS Summary Statistics 2019
Frequency Distribution for HOSP_CONTROL

HOSP_CONTROL	Frequency	Percent of Total
1: Government, non-federal (public)	477	16.13%
2: Private, not-for-profit (voluntary)	1,999	67.58%
3: Private, investor-owned (proprietary)	482	16.29%

NASS Summary Statistics 2019
Frequency Distribution for HOSP_LOCTEACH

HOSP_LOCTEACH	Frequency	Percent of Total
Rural, Non-teaching or Teaching	960	32.45%
Urban, Non-teaching	830	28.06%
Urban, Teaching	1,168	39.49%

NASS Summary Statistics 2019
Frequency Distribution for HOSP_REGION

HOSP_REGION	Frequency	Percent of Total
Northeast	416	14.06%
Midwest	1,095	37.02%
South	956	32.32%
West	491	16.60%

NASS Summary Statistics 2019
Frequency Distribution for HOSP_LOCATION

HOSP_LOCATION	Frequency	Percent of Total
Rural	960	32.45%
Urban	1,998	67.55%

NASS Summary Statistics 2019
Frequency Distribution for HOSP_TEACH

HOSP_TEACH	Frequency	Percent of Total
Non-teaching	1,644	55.58%
Teaching	1,314	44.42%

NASS Summary Statistics 2019
Frequency Distribution for NASS_STRATUM

NASS_STRATUM	Frequency	Percent of Total
01	101	3.41%
02	42	1.42%
03	24	0.81%
04	137	4.63%
05	12	0.41%
06	42	1.42%
07	75	2.54%
08	15	0.51%
09	15	0.51%
10	54	1.83%
11	79	2.67%
12	272	9.20%
13	23	0.78%
14	19	0.64%
15	60	2.03%
16	13	0.44%
17	25	0.85%
18	79	2.67%
19	36	1.22%
20	73	2.47%
21	15	0.51%
22	<= 10	*.**0%
23	76	2.57%
24	19	0.64%
25	64	2.16%
26	66	2.23%
27	33	1.12%
28	43	1.45%
29	33	1.12%
30	36	1.22%
31	34	1.15%
32	13	0.44%
33	127	4.29%
34	19	0.64%

NASS Summary Statistics 2019
Frequency Distribution for NASS_STRATUM

NASS_STRATUM	Frequency	Percent of Total
35	11	0.37%
36	25	0.85%
37	59	1.99%
38	51	1.72%
39	43	1.45%
40	22	0.74%
41	12	0.41%
42	38	1.28%
43	88	2.97%
44	27	0.91%
45	48	1.62%
46	22	0.74%
47	48	1.62%
48	87	2.94%
49	69	2.33%
50	51	1.72%
51	80	2.70%
52	60	2.03%
53	11	0.37%
54	26	0.88%
55	106	3.58%
56	21	0.71%
57	39	1.32%
58	59	1.99%
59	21	0.71%
60	37	1.25%
61	13	0.44%

**NASS Summary Statistics 2019
Univariates on NASS Hospital File**

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

Moments			
N	2958	Sum Weights	2958
Mean	1.46230505	Sum Observations	4325.49832
Std Deviation	0.52506728	Variance	0.27569565
Skewness	3.65702519	Kurtosis	18.6404058
Uncorrected SS	7140.43006	Corrected SS	815.232042
Coeff Variation	35.9068229	Std Error Mean	0.00965419

Basic Statistical Measures			
Location		Variability	
Mean	1.462305	Std Deviation	0.52507
Median	1.348921	Variance	0.27570
Mode	1.348921	Range	4.08846
		Interquartile Range	0.42057

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	151.4684	Pr > t 	<.0001
Sign	M	1479	Pr >= M 	<.0001
Signed Rank	S	2188181	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.11349
99%	3.71262
95%	2.39759
90%	1.82072
75% Q3	1.57817
50% Median	1.34892
25% Q1	1.15760
10%	1.05133
5%	1.04609
1%	1.02502
0% Min	1.02502

**NASS Summary Statistics 2019
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	2958	Sum Weights	2958
Mean	283446.203	Sum Observations	838433868
Std Deviation	281659.382	Variance	7.9332E10
Skewness	1.61455845	Kurtosis	1.8059207
Uncorrected SS	4.72236E14	Corrected SS	2.34585E14
Coeff Variation	99.3696084	Std Error Mean	5178.75227

Basic Statistical Measures			
Location		Variability	
Mean	283446.2	Std Deviation	281659
Median	168657.0	Variance	7.9332E10
Mode	138058.0	Range	1112840
		Interquartile Range	281350

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	54.73253	Pr > t 	<.0001
Sign	M	1479	Pr >= M 	<.0001
Signed Rank	S	2188181	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1124670.9
99%	1124670.9
95%	954000.4
90%	799436.4
75% Q3	371074.2
50% Median	168657.0
25% Q1	89723.7
10%	47290.1
5%	33157.1
1%	22799.1
0% Min	11831.0

**NASS Summary Statistics 2019
Univariates on NASS Hospital File**

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

Moments			
N	2958	Sum Weights	2958
Mean	114.545977	Sum Observations	338827
Std Deviation	88.0180356	Variance	7747.17458
Skewness	1.99944787	Kurtosis	3.39815937
Uncorrected SS	61719665	Corrected SS	22908395.2
Coeff Variation	76.8407917	Std Error Mean	1.6183505

Basic Statistical Measures			
Location		Variability	
Mean	114.5460	Std Deviation	88.01804
Median	98.0000	Variance	7747
Mode	367.0000	Range	355.00000
		Interquartile Range	64.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	70.77946	Pr > t 	<.0001
Sign	M	1479	Pr >= M 	<.0001
Signed Rank	S	2188181	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	367
99%	367
95%	367
90%	162
75% Q3	123
50% Median	98
25% Q1	59
10%	33
5%	29
1%	17
0% Min	12

**NASS Summary Statistics 2019
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	2958	Sum Weights	2958
Mean	223356.978	Sum Observations	660689940
Std Deviation	242965.351	Variance	5.90322E10
Skewness	1.91568449	Kurtosis	3.45747737
Uncorrected SS	3.22128E14	Corrected SS	1.74558E14
Coeff Variation	108.778939	Std Error Mean	4467.30144

Basic Statistical Measures			
Location		Variability	
Mean	223357.0	Std Deviation	242965
Median	136361.0	Variance	5.90322E10
Mode	102347.0	Range	1063258
		Interquartile Range	209641

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	49.99819	Pr > t 	<.0001
Sign	M	1479	Pr >= M 	<.0001
Signed Rank	S	2188181	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1069756
99%	1069756
95%	741910
90%	641099
75% Q3	273070
50% Median	136361
25% Q1	63429
10%	28912
5%	18311
1%	6611
0% Min	6498

**NASS Summary Statistics 2019
Univariates on NASS Hospital File**

The UNIVARIATE Procedure

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

Moments			
N	2958	Sum Weights	2958
Mean	83.6159567	Sum Observations	247336
Std Deviation	67.7966078	Variance	4596.38002
Skewness	1.82310221	Kurtosis	2.67683681
Uncorrected SS	34272732	Corrected SS	13591495.7
Coeff Variation	81.0809448	Std Error Mean	1.24654764

Basic Statistical Measures			
Location		Variability	
Mean	83.6160	Std Deviation	67.79661
Median	66.0000	Variance	4596
Mode	272.0000	Range	262.00000
		Interquartile Range	59.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	67.07803	Pr > t 	<.0001
Sign	M	1479	Pr >= M 	<.0001
Signed Rank	S	2188181	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	272
99%	272
95%	272
90%	137
75% Q3	101
50% Median	66
25% Q1	42
10%	23
5%	19
1%	11
0% Min	10

**NASS Summary Statistics 2019
Univariates on NASS Hospital File**

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

Moments			
N	2958	Sum Weights	2958
Mean	3040.6021	Sum Observations	8994101
Std Deviation	3929.27999	Variance	15439241.2
Skewness	3.4364833	Kurtosis	19.2532584
Uncorrected SS	7.30013E10	Corrected SS	4.56538E10
Coeff Variation	129.227037	Std Error Mean	72.2460141

Basic Statistical Measures			
Location		Variability	
Mean	3040.602	Std Deviation	3929
Median	1786.000	Variance	15439241
Mode	139.000	Range	43907
		Interquartile Range	3236

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	42.08678	Pr > t 	<.0001
Sign	M	1479	Pr >= M 	<.0001
Signed Rank	S	2188181	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	43923
99%	19702
95%	10295
90%	7189
75% Q3	3881
50% Median	1786
25% Q1	645
10%	202
5%	114
1%	46
0% Min	16