

NASS Summary Statistics 2020
Hospital File Contents
Alphabetic List of Variables and Attributes

Num	Variable	Type	Len	Pos	Label
7	DISCWT	Num	8	24	Encounter Weight
6	HOSP_BEDSIZE_CAT	Num	3	87	Hospital Beds 1:0-99 2:100-299 3:300+
3	HOSP_LOCATION	Num	8	8	AHA: Location of Hospital, 0:rural, 1:urban
4	HOSP_LOCTEACH	Num	3	84	NASS: Location/teaching status of hospital
1	HOSP_NASS	Num	4	80	NASS Hospital Number
5	HOSP_REGION	Num	8	16	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West
2	HOSP_TEACH	Num	8	0	AHA: Teaching status of hospital, 0:non-teaching, 1: teaching
8	NASS_STRATUM	Char	2	90	NASS sample stratum
9	N_DISC_U	Num	8	32	Total Number of AS Encounters for all Hospitals in NASS_STRATUM
10	N_HOSP_U	Num	8	40	Total Number of Hospitals in NASS_STRATUM
11	S_DISC_U	Num	8	48	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM
12	S_HOSP_U	Num	8	56	Total Number of Sampled Hospitals in NASS_STRATUM
13	TOTAL_AS_ENCOUNTERS	Num	8	64	SASD encounters with >= 1 narrow surgery
14	YEAR	Num	8	72	Data Year

**NASS Summary Statistics 2020
Means for Hospital File**

The MEANS Procedure

Variable	Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
HOSP_NASS	NASS Hospital Number	2899	0	10001.00	40527.00	25611.05	9279.77
HOSP_TEACH	AHA: Teaching status of hospital, 0:non-teaching, 1: teaching	2899	0	0	1.0000000	0.4601587	0.4984961
HOSP_LOCATION	AHA: Location of Hospital, 0:rural, 1:urban	2899	0	0	1.0000000	0.6802346	0.4664660
HOSP_LOCTEACH	NASS: Location/teaching status of hospital	2899	0	1.0000000	3.0000000	2.0858917	0.8475217
HOSP_REGION	Hospital Census Region, 1:Northeast, 2:Midwest, 3:South, 4:West	2899	0	1.0000000	4.0000000	2.5146602	0.9284490
HOSP_BEDSIZE_CAT	Hospital Beds 1:0-99 2:100-299 3:300+	2899	0	1.0000000	3.0000000	1.7757848	0.7749218
DISCWT	Encounter Weight	2899	0	1.0000000	4.3459374	1.4618111	0.4971486
N_DISC_U	Total Number of AS Encounters for all Hospitals in NASS_STRATUM	2899	0	13635.32	984415.07	243330.67	232804.09
N_HOSP_U	Total Number of Hospitals in NASS_STRATUM	2899	0	11.0000000	369.0000000	114.0113832	88.4264844
S_DISC_U	Total Number of AS Encounters for Sampled Hospitals in NASS_STRATUM	2899	0	4697.00	946332.00	193518.44	210069.61
S_HOSP_U	Total Number of Sampled Hospitals in NASS_STRATUM	2899	0	10.0000000	260.0000000	81.8375302	65.4489789
TOTAL_AS_ENCOUNTERS	SASD encounters with >= 1 narrow surgery	2899	0	22.0000000	35793.00	2700.35	3374.12
YEAR	Data Year	2899	0	2020.00	2020.00	2020.00	0

NASS Summary Statistics 2020
Frequency Distribution for HOSP_NASS

HOSP_NASS	Frequency	Percent of Total
Not Missing	2,899	100.0%

NASS Summary Statistics 2020
Frequency Distribution for HOSP_BEDSIZE_CAT

HOSP_BEDSIZE_CAT	Frequency	Percent of Total
0-99	1,268	43.74%
100-299	1,013	34.94%
300+	618	21.32%

NASS Summary Statistics 2020
Frequency Distribution for HOSP_LOCTEACH

HOSP_LOCTEACH	Frequency	Percent of Total
Rural, Non-teaching or Teaching	927	31.98%
Urban, Non-teaching	796	27.46%
Urban, Teaching	1,176	40.57%

NASS Summary Statistics 2020
Frequency Distribution for HOSP_REGION

HOSP_REGION	Frequency	Percent of Total
Northeast	406	14.00%
Midwest	1,076	37.12%
South	936	32.29%
West	481	16.59%

NASS Summary Statistics 2020
Frequency Distribution for HOSP_LOCATION

HOSP_LOCATION	Frequency	Percent of Total
Rural	927	31.98%
Urban	1,972	68.02%

NASS Summary Statistics 2020
Frequency Distribution for HOSP_TEACH

HOSP_TEACH	Frequency	Percent of Total
Non-teaching	1,565	53.98%
Teaching	1,334	46.02%

NASS Summary Statistics 2020
Frequency Distribution for NASS_STRATUM

NASS_STRATUM	Frequency	Percent of Total
01	13	0.45%
02	30	1.03%
03	26	0.90%
04	<= 10	*.**%
05	34	1.17%
06	17	0.59%
07	69	2.38%
08	38	1.31%
09	53	1.83%
10	17	0.59%
11	37	1.28%
12	151	5.21%
13	41	1.41%
14	59	2.04%
15	97	3.35%
16	<= 10	*.**%
17	107	3.69%
18	87	3.00%
19	39	1.35%
20	68	2.35%
21	48	1.66%
22	72	2.48%
23	49	1.69%
24	32	1.10%
25	43	1.48%
26	260	8.97%
27	57	1.97%
28	24	0.83%
29	118	4.07%
30	11	0.38%
31	<= 10	*.**%
32	45	1.55%
33	63	2.17%
34	25	0.86%

NASS Summary Statistics 2020
Frequency Distribution for NASS_STRATUM

NASS_STRATUM	Frequency	Percent of Total
35	11	0.38%
36	35	1.21%
37	24	0.83%
38	17	0.59%
39	73	2.52%
40	105	3.62%
41	75	2.59%
42	53	1.83%
43	17	0.59%
44	<= 10	*.**%
45	19	0.66%
46	47	1.62%
47	41	1.41%
48	15	0.52%
49	42	1.45%
50	74	2.55%
51	29	1.00%
52	37	1.28%
53	14	0.48%
54	21	0.72%
55	14	0.48%
56	16	0.55%
57	59	2.04%
58	79	2.73%
59	23	0.79%
60	23	0.79%
61	46	1.59%
62	20	0.69%

**NASS Summary Statistics 2020
Univariates on NASS Hospital File**

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

Moments			
N	2899	Sum Weights	2899
Mean	1.46181109	Sum Observations	4237.79035
Std Deviation	0.49714856	Variance	0.24715669
Skewness	2.95598262	Kurtosis	11.4015936
Uncorrected SS	6911.10903	Corrected SS	716.260102
Coeff Variation	34.0090842	Std Error Mean	0.00923341

Basic Statistical Measures			
Location		Variability	
Mean	1.461811	Std Deviation	0.49715
Median	1.380123	Variance	0.24716
Mode	1.387088	Range	3.34594
		Interquartile Range	0.43470

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	158.3176	Pr > t 	<.0001
Sign	M	1449.5	Pr >= M 	<.0001
Signed Rank	S	2101775	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.34594
99%	3.98544
95%	2.40504
90%	1.87775
75% Q3	1.57907
50% Median	1.38012
25% Q1	1.14437
10%	1.04024
5%	1.03336
1%	1.01579
0% Min	1.00000

**NASS Summary Statistics 2020
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	2899	Sum Weights	2899
Mean	243330.67	Sum Observations	705415612
Std Deviation	232804.095	Variance	5.41977E10
Skewness	1.65796302	Kurtosis	2.35728289
Uncorrected SS	3.28714E14	Corrected SS	1.57065E14
Coeff Variation	95.6739629	Std Error Mean	4323.80906

Basic Statistical Measures			
Location		Variability	
Mean	243330.7	Std Deviation	232804
Median	148487.2	Variance	5.41977E10
Mode	123524.4	Range	970780
		Interquartile Range	244539

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	56.27692	Pr > t 	<.0001
Sign	M	1449.5	Pr >= M 	<.0001
Signed Rank	S	2101775	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	984415.1
99%	984415.1
95%	837566.4
90%	580770.6
75% Q3	325942.6
50% Median	148487.2
25% Q1	81403.6
10%	41767.9
5%	30244.2
1%	20412.9
0% Min	13635.3

**NASS Summary Statistics 2020
Univariates on NASS Hospital File**

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

Moments			
N	2899	Sum Weights	2899
Mean	114.011383	Sum Observations	330519
Std Deviation	88.4264844	Variance	7819.24314
Skewness	1.9797143	Kurtosis	3.37944734
Uncorrected SS	60343095	Corrected SS	22660166.6
Coeff Variation	77.559347	Std Error Mean	1.64232178

Basic Statistical Measures			
Location		Variability	
Mean	114.0114	Std Deviation	88.42648
Median	90.0000	Variance	7819
Mode	369.0000	Range	358.00000
		Interquartile Range	64.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	69.42086	Pr > t 	<.0001
Sign	M	1449.5	Pr >= M 	<.0001
Signed Rank	S	2101775	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	369
99%	369
95%	369
90%	159
75% Q3	126
50% Median	90
25% Q1	62
10%	34
5%	27
1%	15
0% Min	11

**NASS Summary Statistics 2020
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	2899	Sum Weights	2899
Mean	193518.441	Sum Observations	561009960
Std Deviation	210069.612	Variance	4.41292E10
Skewness	2.03662279	Kurtosis	4.1771746
Uncorrected SS	2.36452E14	Corrected SS	1.27887E14
Coeff Variation	108.552762	Std Error Mean	3901.56751

Basic Statistical Measures			
Location		Variability	
Mean	193518.4	Std Deviation	210070
Median	106548.0	Variance	4.41292E10
Mode	89053.0	Range	941635
		Interquartile Range	198326

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	49.60018	Pr > t 	<.0001
Sign	M	1449.5	Pr >= M 	<.0001
Signed Rank	S	2101775	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	946332
99%	946332
95%	672596
90%	409443
75% Q3	256022
50% Median	106548
25% Q1	57696
10%	25277
5%	14847
1%	8134
0% Min	4697

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

Moments			
N	2899	Sum Weights	2899
Mean	81.8375302	Sum Observations	237247
Std Deviation	65.4489789	Variance	4283.56883
Skewness	1.68117995	Kurtosis	2.17841678
Uncorrected SS	31829491	Corrected SS	12413782.5
Coeff Variation	79.9742841	Std Error Mean	1.21556662

Basic Statistical Measures			
Location		Variability	
Mean	81.8375	Std Deviation	65.44898
Median	63.0000	Variance	4284
Mode	260.0000	Range	250.00000
		Interquartile Range	64.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	67.32459	Pr > t 	<.0001
Sign	M	1449.5	Pr >= M 	<.0001
Signed Rank	S	2101775	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	260
99%	260
95%	260
90%	151
75% Q3	105
50% Median	63
25% Q1	41
10%	23
5%	17
1%	10
0% Min	10

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

Moments			
N	2899	Sum Weights	2899
Mean	2700.3484	Sum Observations	7828310
Std Deviation	3374.1247	Variance	11384717.5
Skewness	3.2578552	Kurtosis	16.9933932
Uncorrected SS	5.41321E10	Corrected SS	3.29929E10
Coeff Variation	124.951458	Std Error Mean	62.6667283

Basic Statistical Measures			
Location		Variability	
Mean	2700.348	Std Deviation	3374
Median	1661.000	Variance	11384717
Mode	121.000	Range	35771
		Interquartile Range	2888

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	43.09062	Pr > t 	<.0001
Sign	M	1449.5	Pr >= M 	<.0001
Signed Rank	S	2101775	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	35793
99%	16232
95%	9291
90%	6366
75% Q3	3474
50% Median	1661
25% Q1	586
10%	190
5%	106
1%	43
0% Min	22