

NASS Summary Statistics 2023
Encounter File Contents: weighted
Alphabetic List of Variables and Attributes

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Num	Variable	Type	Len	Pos	Label
3	AGE	Num	3	137	Age in years at admission
4	AMONTH	Num	3	140	Admission Month, 1-12
5	AWEEKEND	Num	3	143	Admission day is a weekend
6	CPT1	Char	5	179	CPT Procedure 1
7	CPT2	Char	5	184	CPT Procedure 2
8	CPT3	Char	5	189	CPT Procedure 3
9	CPT4	Char	5	194	CPT Procedure 4
10	CPT5	Char	5	199	CPT Procedure 5
11	CPT6	Char	5	204	CPT Procedure 6
12	CPT7	Char	5	209	CPT Procedure 7
13	CPT8	Char	5	214	CPT Procedure 8
14	CPT9	Char	5	219	CPT Procedure 9
15	CPT10	Char	5	224	CPT Procedure 10
16	CPT11	Char	5	229	CPT Procedure 11
17	CPT12	Char	5	234	CPT Procedure 12
18	CPT13	Char	5	239	CPT Procedure 13
19	CPT14	Char	5	244	CPT Procedure 14
20	CPT15	Char	5	249	CPT Procedure 15
21	CPT16	Char	5	254	CPT Procedure 16
22	CPT17	Char	5	259	CPT Procedure 17
23	CPT18	Char	5	264	CPT Procedure 18
24	CPT19	Char	5	269	CPT Procedure 19
25	CPT20	Char	5	274	CPT Procedure 20
26	CPT21	Char	5	279	CPT Procedure 21
27	CPT22	Char	5	284	CPT Procedure 22
28	CPT23	Char	5	289	CPT Procedure 23
29	CPT24	Char	5	294	CPT Procedure 24
30	CPT25	Char	5	299	CPT Procedure 25
31	CPT26	Char	5	304	CPT Procedure 26
32	CPT27	Char	5	309	CPT Procedure 27
33	CPT28	Char	5	314	CPT Procedure 28
34	CPT29	Char	5	319	CPT Procedure 29
35	CPT30	Char	5	324	CPT Procedure 30
36	CPTCCS1	Num	4	12	CPT 1 Procedure CCS

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Num	Variable	Type	Len	Pos	Label
37	CPTCCS2	Num	4	16	CPT 2 Procedure CCS
38	CPTCCS3	Num	4	20	CPT 3 Procedure CCS
39	CPTCCS4	Num	4	24	CPT 4 Procedure CCS
40	CPTCCS5	Num	4	28	CPT 5 Procedure CCS
41	CPTCCS6	Num	4	32	CPT 6 Procedure CCS
42	CPTCCS7	Num	4	36	CPT 7 Procedure CCS
43	CPTCCS8	Num	4	40	CPT 8 Procedure CCS
44	CPTCCS9	Num	4	44	CPT 9 Procedure CCS
45	CPTCCS10	Num	4	48	CPT 10 Procedure CCS
46	CPTCCS11	Num	4	52	CPT 11 Procedure CCS
47	CPTCCS12	Num	4	56	CPT 12 Procedure CCS
48	CPTCCS13	Num	4	60	CPT 13 Procedure CCS
49	CPTCCS14	Num	4	64	CPT 14 Procedure CCS
50	CPTCCS15	Num	4	68	CPT 15 Procedure CCS
51	CPTCCS16	Num	4	72	CPT 16 Procedure CCS
52	CPTCCS17	Num	4	76	CPT 17 Procedure CCS
53	CPTCCS18	Num	4	80	CPT 18 Procedure CCS
54	CPTCCS19	Num	4	84	CPT 19 Procedure CCS
55	CPTCCS20	Num	4	88	CPT 20 Procedure CCS
56	CPTCCS21	Num	4	92	CPT 21 Procedure CCS
57	CPTCCS22	Num	4	96	CPT 22 Procedure CCS
58	CPTCCS23	Num	4	100	CPT 23 Procedure CCS
59	CPTCCS24	Num	4	104	CPT 24 Procedure CCS
60	CPTCCS25	Num	4	108	CPT 25 Procedure CCS
61	CPTCCS26	Num	4	112	CPT 26 Procedure CCS
62	CPTCCS27	Num	4	116	CPT 27 Procedure CCS
63	CPTCCS28	Num	4	120	CPT 28 Procedure CCS
64	CPTCCS29	Num	4	124	CPT 29 Procedure CCS
65	CPTCCS30	Num	4	128	CPT 30 Procedure CCS
66	DISCWT	Num	8	0	Encounter Weight
67	DISPUNIFORM	Num	3	146	Disposition of patient (uniform)
68	DQTR	Num	3	149	Discharge quarter
69	FEMALE	Num	3	152	Indicator of sex
1	HOSP_NASS	Num	4	8	NASS Hospital Number

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Num	Variable	Type	Len	Pos	Label
70	I10_DX1	Char	7	329	ICD-10-CM Diagnosis 1
71	I10_DX2	Char	7	336	ICD-10-CM Diagnosis 2
72	I10_DX3	Char	7	343	ICD-10-CM Diagnosis 3
73	I10_DX4	Char	7	350	ICD-10-CM Diagnosis 4
74	I10_DX5	Char	7	357	ICD-10-CM Diagnosis 5
75	I10_DX6	Char	7	364	ICD-10-CM Diagnosis 6
76	I10_DX7	Char	7	371	ICD-10-CM Diagnosis 7
77	I10_DX8	Char	7	378	ICD-10-CM Diagnosis 8
78	I10_DX9	Char	7	385	ICD-10-CM Diagnosis 9
79	I10_DX10	Char	7	392	ICD-10-CM Diagnosis 10
80	I10_DX11	Char	7	399	ICD-10-CM Diagnosis 11
81	I10_DX12	Char	7	406	ICD-10-CM Diagnosis 12
82	I10_DX13	Char	7	413	ICD-10-CM Diagnosis 13
83	I10_DX14	Char	7	420	ICD-10-CM Diagnosis 14
84	I10_DX15	Char	7	427	ICD-10-CM Diagnosis 15
85	I10_DX16	Char	7	434	ICD-10-CM Diagnosis 16
86	I10_DX17	Char	7	441	ICD-10-CM Diagnosis 17
87	I10_DX18	Char	7	448	ICD-10-CM Diagnosis 18
88	I10_DX19	Char	7	455	ICD-10-CM Diagnosis 19
89	I10_DX20	Char	7	462	ICD-10-CM Diagnosis 20
90	I10_DX21	Char	7	469	ICD-10-CM Diagnosis 21
91	I10_DX22	Char	7	476	ICD-10-CM Diagnosis 22
92	I10_DX23	Char	7	483	ICD-10-CM Diagnosis 23
93	I10_DX24	Char	7	490	ICD-10-CM Diagnosis 24
94	I10_DX25	Char	7	497	ICD-10-CM Diagnosis 25
95	I10_DX26	Char	7	504	ICD-10-CM Diagnosis 26
96	I10_DX27	Char	7	511	ICD-10-CM Diagnosis 27
97	I10_DX28	Char	7	518	ICD-10-CM Diagnosis 28
98	I10_DX29	Char	7	525	ICD-10-CM Diagnosis 29
99	I10_DX30	Char	7	532	ICD-10-CM Diagnosis 30
100	I10_INJURY	Num	3	155	Injury ICD-10-CM diagnosis reported on record (1: First-listed injury; 2: Other than first-listed injury; 0: No injury)
101	I10_MULTINJURY	Num	3	158	Multiple ICD-10-CM injuries reported on record
102	I10_NDX	Num	3	161	ICD-10-CM Number of diagnoses on this record
2	KEY_NASS	Num	5	132	NASS Record Number

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Num	Variable	Type	Len	Pos	Label
103	NASS_STRATUM	Char	2	539	NASS Sample Stratum
104	NCPT_INSCOPE	Num	3	164	Number of In-Scope CPTs for this encounter
105	PAY1	Num	3	167	Primary expected payer (uniform)
108	PL_NCHS2	Num	3	176	Patient Location: NCHS Urban-Rural Code (collapsed)
106	YEAR	Num	3	170	Data Year
107	ZIPINC_QRTL	Num	3	173	Median household income national quartile for patient ZIP Code

NASS Summary Statistics 2023 Weighted Means for Encounter File

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The SURVEYMEANS Procedure

Data Summary	
Number of Strata	48
Number of Clusters	2554
Number of Observations	8775003
Sum of Weights	13527434.2

Statistics									
Variable	Label	N	N Miss	Minimum	Maximum	Mean	Std Error of Mean	Sum	Std Error of Sum
AGE	Age in years at admission	8774256	747	0	90.000000	52.531414	0.445393	710561020	16042456
AMONTH	Admission Month, 1-12	7541011	1233992	1.000000	12.000000	6.543061	0.006105	77579473	1892381
AWEEKEND	Admission day is a weekend	8766437	8566	0	1.000000	0.017086	0.000383	230928	6617.922926
CPTCCS1	CPT 1 Procedure CCS	8775003	0	3.000000	244.000000	101.151326	0.601303	1368317907	28704718
CPTCCS2	CPT 2 Procedure CCS	1779241	6995762	3.000000	244.000000	104.722859	1.294499	292992337	8919567
CPTCCS3	CPT 3 Procedure CCS	512998	8262005	3.000000	244.000000	108.775553	1.339809	88031240	4409322
CPTCCS4	CPT 4 Procedure CCS	208132	8566871	3.000000	244.000000	101.237321	2.393346	33405157	3490262
CPTCCS5	CPT 5 Procedure CCS	97928	8677075	3.000000	244.000000	101.113349	2.747837	15406480	2693005
CPTCCS6	CPT 6 Procedure CCS	52716	8722287	3.000000	244.000000	105.477409	4.717525	8419975	1999070
CPTCCS7	CPT 7 Procedure CCS	26941	8748062	3.000000	244.000000	107.319560	6.160128	4200256	1176441
CPTCCS8	CPT 8 Procedure CCS	14655	8760348	3.000000	244.000000	102.882321	10.060492	2172721	609154
CPTCCS9	CPT 9 Procedure CCS	6792	8768211	3.000000	244.000000	105.244119	9.239125	1029630	341403
CPTCCS10	CPT 10 Procedure CCS	4187	8770816	3.000000	244.000000	97.929776	10.504940	574748	284240
CPTCCS11	CPT 11 Procedure CCS	3021	8771982	3.000000	225.000000	95.069185	9.989637	386338	240395
CPTCCS12	CPT 12 Procedure CCS	2558	8772445	3.000000	175.000000	88.752755	10.699513	299645	203142
CPTCCS13	CPT 13 Procedure CCS	1597	8773406	3.000000	175.000000	97.129924	6.234356	204719	156874
CPTCCS14	CPT 14 Procedure CCS	1316	8773687	3.000000	175.000000	91.663846	6.867660	156876	121936

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Weighted Means for Encounter File**

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The SURVEYMEANS Procedure

Statistics									
Variable	Label	N	N Miss	Minimum	Maximum	Mean	Std Error of Mean	Sum	Std Error of Sum
CPTCCS15	CPT 15 Procedure CCS	959	8774044	3.000000	175.000000	95.435631	4.703035	118037	98114
CPTCCS16	CPT 16 Procedure CCS	777	8774226	6.000000	175.000000	95.634294	4.881345	95282	80745
CPTCCS17	CPT 17 Procedure CCS	566	8774437	3.000000	175.000000	97.007186	4.349778	70359	60964
CPTCCS18	CPT 18 Procedure CCS	515	8774488	6.000000	171.000000	89.768777	3.162678	59113	53016
CPTCCS19	CPT 19 Procedure CCS	367	8774636	3.000000	171.000000	101.969960	0.120990	47974	197.898120
CPTCCS20	CPT 20 Procedure CCS	344	8774659	6.000000	171.000000	93.214468	0.057250	41155	25.276220
CPTCCS21	CPT 21 Procedure CCS	275	8774728	3.000000	175.000000	95.990280	0	33885	0
CPTCCS22	CPT 22 Procedure CCS	242	8774761	6.000000	171.000000	95.271769	0	29638	0
CPTCCS23	CPT 23 Procedure CCS	210	8774793	3.000000	171.000000	99.996997	0.575834	27058	155.814885
CPTCCS24	CPT 24 Procedure CCS	208	8774795	6.000000	171.000000	91.640884	0.671232	24564	179.919531
CPTCCS25	CPT 25 Procedure CCS	147	8774856	22.000000	175.000000	109.033339	0.058378	20787	11.129635
CPTCCS26	CPT 26 Procedure CCS	139	8774864	10.000000	161.000000	100.989740	0.005735	17818	1.011785
CPTCCS27	CPT 27 Procedure CCS	123	8774880	6.000000	171.000000	106.056336	.	16579	.
CPTCCS28	CPT 28 Procedure CCS	115	8774888	6.000000	161.000000	100.321739	.	14687	.
CPTCCS29	CPT 29 Procedure CCS	90	8774913	28.000000	175.000000	110.655556	.	12678	.
CPTCCS30	CPT 30 Procedure CCS	90	8774913	10.000000	162.000000	98.588889	.	11296	.
DISPUNIFORM	Disposition of patient (uniform)	8174225	600778	1.000000	99.000000	1.174598	0.013244	14960763	375790
DQTR	Discharge quarter	8771433	3570	1.000000	4.000000	2.508591	0.001761	33923544	751734
FEMALE	Indicator of sex	8771831	3172	0	1.000000	0.558266	0.002018	7548395	159743
I10_INJURY	Injury ICD-10-CM diagnosis reported on record (1: First-listed injury; 2: Other than first-listed injury; 0: No injury)	8775003	0	0	2.000000	0.120264	0.001932	1626864	41747
I10_MULTINJURY	Multiple ICD-10-CM injuries reported on record	8775003	0	0	1.000000	0.031292	0.000581	423301	11361
I10_NDX	ICD-10-CM Number of diagnoses on this record	8775003	0	0	30.000000	6.125412	0.083199	82861102	1805589

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The SURVEYMEANS Procedure

Statistics									
Variable	Label	N	N Miss	Minimum	Maximum	Mean	Std Error of Mean	Sum	Std Error of Sum
NCPT_INSCOPE	Number of In-Scope CPTs for this encounter	8775003	0	1.000000	30.000000	1.315141	0.014332	17790477	460109
PAY1	Primary expected payer (uniform)	8750722	24281	1.000000	6.000000	2.319146	0.008567	31230680	696287
YEAR	Data Year	8775003	0	2023.000000	2023.000000	2023.000000	2.784774E-11	27365999342	602968865
ZIPINC_QRTL	Median household income national quartile for patient ZIP Code	8718029	56974	1.000000	4.000000	2.492962	0.018814	33478486	880414
PL_NCHS2	Patient Location: NCHS Urban-Rural Code (collapsed)	8764456	10547	21.000000	22.000000	21.204814	0.004720	286509632	6297955

NASS Summary Statistics 2023 **Weighted Frequencies for Encounter File**

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AGE	Frequency	Percent of Total
.: Missing	927	0.01%
.C: Inconsistent	106	0.00%
0	89,226	0.66%
1	130,227	0.96%
2	133,497	0.99%
3	86,085	0.64%
4	84,990	0.63%
5	82,917	0.61%
6	77,044	0.57%
7	104,952	0.78%
8	53,706	0.40%
9	45,030	0.33%
10	40,441	0.30%
11	39,288	0.29%
12	66,964	0.50%
13	43,816	0.32%
14	51,490	0.38%
15	61,445	0.45%
16	93,534	0.69%
17	74,048	0.55%
18	66,874	0.49%
19	77,468	0.57%
20	62,508	0.46%
21	63,886	0.47%
22	99,038	0.73%
23	66,508	0.49%
24	68,940	0.51%
25	75,757	0.56%
26	70,601	0.52%
27	119,262	0.88%
28	81,134	0.60%
29	87,797	0.65%
30	93,169	0.69%
31	99,615	0.74%

NASS Summary Statistics 2023
Weighted Frequencies for Encounter File

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AGE	Frequency	Percent of Total
32	161,189	1.19%
33	109,453	0.81%
34	109,948	0.81%
35	114,232	0.84%
36	116,210	0.86%
37	188,087	1.39%
38	123,471	0.91%
39	124,255	0.92%
40	134,101	0.99%
41	137,340	1.02%
42	219,082	1.62%
43	142,602	1.05%
44	141,843	1.05%
45	143,224	1.06%
46	144,903	1.07%
47	223,533	1.65%
48	146,173	1.08%
49	147,894	1.09%
50	153,851	1.14%
51	165,331	1.22%
52	271,207	2.00%
53	180,498	1.33%
54	178,523	1.32%
55	179,440	1.33%
56	185,661	1.37%
57	292,769	2.16%
58	209,930	1.55%
59	222,824	1.65%
60	231,605	1.71%
61	241,703	1.79%
62	371,994	2.75%
63	252,707	1.87%
64	250,003	1.85%
65	284,591	2.10%

NASS Summary Statistics 2023 **Weighted Frequencies for Encounter File**

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AGE	Frequency	Percent of Total
66	287,959	2.13%
67	431,914	3.19%
68	288,224	2.13%
69	283,419	2.10%
70	280,405	2.07%
71	274,859	2.03%
72	390,330	2.89%
73	252,957	1.87%
74	247,994	1.83%
75	244,930	1.81%
76	244,033	1.80%
77	273,824	2.02%
78	166,413	1.23%
79	158,796	1.17%
80	152,136	1.12%
81	122,964	0.91%
82	151,022	1.12%
83	88,703	0.66%
84	77,129	0.57%
85	65,433	0.48%
86	51,574	0.38%
87	60,383	0.45%
88	34,932	0.26%
89	25,843	0.19%
90 or older	78,792	0.58%

AMONTH	Frequency	Percent of Total
. : Missing	1,670,679	12.35%
1 : January	952,782	7.04%
2 : February	927,430	6.86%
3 : March	1,055,811	7.80%
4 : April	943,358	6.97%
5 : May	1,040,886	7.69%
6 : June	1,017,458	7.52%

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Weighted Frequencies for Encounter File

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AMONTH	Frequency	Percent of Total
7 : July	890,817	6.59%
8 : August	1,042,415	7.71%
9 : September	926,196	6.85%
10 : October	1,035,834	7.66%
11 : November	1,032,572	7.63%
12 : December	991,196	7.33%

AWEEKEND	Frequency	Percent of Total
. : Missing	11,685	0.09%
0 : Monday-Friday	13,284,821	98.21%
1 : Saturday-Sunday	230,928	1.71%

CPTCCS1	Frequency	Percent of Total
3: Laminectomy, excision intervertebral disc	239,877	1.77%
6: Decompression peripheral nerve	328,959	2.43%
9: Other OR therapeutic nervous system procedures	116,175	0.86%
10: Thyroidectomy, partial or complete	103,229	0.76%
12: Other therapeutic endocrine procedures	66,257	0.49%
13: Corneal transplant	18,004	0.13%
14: Glaucoma procedures	42,390	0.31%
15: Lens and cataract procedures	983,231	7.27%
16: Repair of retinal tear, detachment	91,237	0.67%
17: Destruction of lesion of retina and choroid	6,049	0.04%
19: Other therapeutic procedures on eyelids, conjunctiva, cornea	128,872	0.95%
20: Other intraocular therapeutic procedures	69,559	0.51%
21: Other extraocular muscle and orbit therapeutic procedures	63,512	0.47%
22: Tympanoplasty	33,324	0.25%
23: Myringotomy	279,796	2.07%
24: Mastoidectomy	11,810	0.09%
26: Other therapeutic ear procedures	37,300	0.28%
28: Plastic procedures on nose	95,690	0.71%
30: Tonsillectomy and/or adenoidectomy	479,577	3.55%
33: Other OR therapeutic procedures on nose, mouth and pharynx	223,857	1.65%
42: Other OR therapeutic procedures on respiratory system	38,862	0.29%

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Weighted Frequencies for Encounter File

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CPTCCS1	Frequency	Percent of Total
43: Heart valve procedures	4,692	0.03%
48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator	303,121	2.24%
49: Other OR heart procedures	22,326	0.17%
57: Creation, revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis	138,398	1.02%
61: Other OR procedures on vessels other than head and neck	197,338	1.46%
67: Other therapeutic procedures, hemic and lymphatic system	147,748	1.09%
78: Colorectal resection	15,313	0.11%
80: Appendectomy	308,273	2.28%
81: Hemorrhoid procedures	59,333	0.44%
84: Cholecystectomy and common duct exploration	631,297	4.67%
85: Inguinal and femoral hernia repair	481,634	3.56%
86: Other hernia repair	417,741	3.09%
87: Laparoscopy	68,301	0.50%
94: Other OR upper GI therapeutic procedures	27,395	0.20%
96: Other OR lower GI therapeutic procedures	73,962	0.55%
99: Other OR gastrointestinal therapeutic procedures	16,275	0.12%
101: Transurethral excision, drainage, or removal urinary obstruction	169,886	1.26%
104: Nephrectomy, partial or complete	19,157	0.14%
106: Genitourinary incontinence procedures	71,275	0.53%
109: Procedures on the urethra	18,227	0.13%
112: Other OR therapeutic procedures of urinary tract	23,098	0.17%
113: Transurethral resection of prostate (TURP)	99,517	0.74%
114: Open prostatectomy	46,141	0.34%
118: Other OR therapeutic procedures, male genital	188,053	1.39%
119: Oophorectomy, unilateral and bilateral	220,765	1.63%
120: Other operations on ovary	13,882	0.10%
121: Ligation of fallopian tubes	25,498	0.19%
122: Removal of ectopic pregnancy	30,764	0.23%
124: Hysterectomy, abdominal and vaginal	420,744	3.11%
125: Other excision of cervix and uterus	58,415	0.43%
129: Repair of cystocele and rectocele, obliteration of vaginal vault	77,892	0.58%
132: Other OR therapeutic procedures, female organs	183,380	1.36%
142: Partial excision bone	143,495	1.06%
143: Bunionectomy or repair of toe deformities	126,669	0.94%

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CPTCCS1	Frequency	Percent of Total
144: Treatment, facial fracture or dislocation	24,419	0.18%
145: Treatment, fracture or dislocation of radius and ulna	129,139	0.95%
146: Treatment, fracture or dislocation of hip and femur	10,518	0.08%
147: Treatment, fracture or dislocation of lower extremity (other than hip or femur)	195,194	1.44%
148: Other fracture and dislocation procedure	126,138	0.93%
149: Arthroscopy	60,783	0.45%
150: Division of joint capsule, ligament or cartilage	28,919	0.21%
151: Excision of semilunar cartilage of knee	273,614	2.02%
152: Arthroplasty knee	806,137	5.96%
153: Hip replacement, total and partial	464,465	3.43%
154: Arthroplasty other than hip or knee	225,852	1.67%
157: Amputation of lower extremity	48,981	0.36%
158: Spinal fusion	152,760	1.13%
160: Other therapeutic procedures on muscles and tendons	737,782	5.45%
161: Other OR therapeutic procedures on bone	248,998	1.84%
162: Other OR therapeutic procedures on joints	345,723	2.56%
164: Other OR therapeutic procedures on musculoskeletal system	42,152	0.31%
166: Lumpectomy, quadrantectomy of breast	314,009	2.32%
167: Mastectomy	99,521	0.74%
170: Excision of skin lesion	136,324	1.01%
171: Suture of skin and subcutaneous tissue	92,440	0.68%
175: Other OR therapeutic procedures on skin and breast	351,600	2.60%
225: Conversion of cardiac rhythm	269,989	2.00%
244: Gastric bypass and volume reduction	34,406	0.25%

CPTCCS2	Frequency	Percent of Total
.: Missing	10,729,646	79.32%
1-244: CCS category	2,797,788	20.68%

CPTCCS3	Frequency	Percent of Total
.: Missing	12,718,142	94.02%
1-244: CCS category	809,293	5.98%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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CPTCCS4	Frequency	Percent of Total
.: Missing	13,197,465	97.56%
1-244: CCS category	329,969	2.44%

CPTCCS5	Frequency	Percent of Total
.: Missing	13,375,066	98.87%
1-244: CCS category	152,368	1.13%

CPTCCS6	Frequency	Percent of Total
.: Missing	13,447,607	99.41%
1-244: CCS category	79,827	0.59%

CPTCCS7	Frequency	Percent of Total
.: Missing	13,488,296	99.71%
1-244: CCS category	39,138	0.29%

CPTCCS8	Frequency	Percent of Total
.: Missing	13,506,316	99.84%
1-244: CCS category	21,119	0.16%

CPTCCS9	Frequency	Percent of Total
.: Missing	13,517,651	99.93%
1-244: CCS category	9,783	0.07%

CPTCCS10	Frequency	Percent of Total
.: Missing	13,521,565	99.96%
1-244: CCS category	5,869	0.04%

CPTCCS11	Frequency	Percent of Total
.: Missing	13,523,370	99.97%
1-244: CCS category	4,064	0.03%

CPTCCS12	Frequency	Percent of Total
.: Missing	13,524,058	99.98%
1-244: CCS category	3,376	0.02%

NASS Summary Statistics 2023 **Weighted Frequencies for Encounter File**

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CPTCCS13	Frequency	Percent of Total
.: Missing	13,525,326	99.98%
1-244: CCS category	2,108	0.02%

CPTCCS14	Frequency	Percent of Total
.: Missing	13,525,723	99.99%
1-244: CCS category	1,711	0.01%

CPTCCS15	Frequency	Percent of Total
.: Missing	13,526,197	99.99%
1-244: CCS category	1,237	0.01%

CPTCCS16	Frequency	Percent of Total
.: Missing	13,526,438	99.99%
1-244: CCS category	996	0.01%

CPTCCS17	Frequency	Percent of Total
.: Missing	13,526,709	99.99%
1-244: CCS category	725	0.01%

CPTCCS18	Frequency	Percent of Total
.: Missing	13,526,776	100.0%
1-244: CCS category	659	0.00%

CPTCCS19	Frequency	Percent of Total
.: Missing	13,526,964	100.0%
1-244: CCS category	470	0.00%

CPTCCS20	Frequency	Percent of Total
.: Missing	13,526,993	100.0%
1-244: CCS category	442	0.00%

CPTCCS21	Frequency	Percent of Total
.: Missing	13,527,081	100.0%
1-244: CCS category	353	0.00%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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CPTCCS22	Frequency	Percent of Total
.: Missing	13,527,123	100.0%
1-244: CCS category	311	0.00%

CPTCCS23	Frequency	Percent of Total
.: Missing	13,527,164	100.0%
1-244: CCS category	271	0.00%

CPTCCS24	Frequency	Percent of Total
.: Missing	13,527,166	100.0%
1-244: CCS category	268	0.00%

CPTCCS25	Frequency	Percent of Total
.: Missing	13,527,244	100.0%
1-244: CCS category	191	0.00%

CPTCCS26	Frequency	Percent of Total
.: Missing	13,527,258	100.0%
1-244: CCS category	176	0.00%

CPTCCS27	Frequency	Percent of Total
.: Missing	13,527,278	100.0%
1-244: CCS category	156	0.00%

CPTCCS28	Frequency	Percent of Total
.: Missing	13,527,288	100.0%
1-244: CCS category	146	0.00%

CPTCCS29	Frequency	Percent of Total
.: Missing	13,527,320	100.0%
1-244: CCS category	115	0.00%

CPTCCS30	Frequency	Percent of Total
.: Missing	13,527,320	100.0%
1-244: CCS category	115	0.00%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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CPT1	Frequency	Percent of Total
Anesthesia	722	0.01%
Other	3,545	0.03%
Surgery	13,233,515	97.83%
Medicine	289,652	2.14%

CPT2	Frequency	Percent of Total
Blank	10,729,646	79.32%
Valid CPT/HCPCS	2,797,788	20.68%

CPT3	Frequency	Percent of Total
Blank	12,718,142	94.02%
Valid CPT/HCPCS	809,293	5.98%

CPT4	Frequency	Percent of Total
Blank	13,197,465	97.56%
Valid CPT/HCPCS	329,969	2.44%

CPT5	Frequency	Percent of Total
Blank	13,375,066	98.87%
Valid CPT/HCPCS	152,368	1.13%

CPT6	Frequency	Percent of Total
Blank	13,447,607	99.41%
Valid CPT/HCPCS	79,827	0.59%

CPT7	Frequency	Percent of Total
Blank	13,488,296	99.71%
Valid CPT/HCPCS	39,138	0.29%

CPT8	Frequency	Percent of Total
Blank	13,506,316	99.84%
Valid CPT/HCPCS	21,119	0.16%

NASS Summary Statistics 2023 **Weighted Frequencies for Encounter File**

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CPT9	Frequency	Percent of Total
Blank	13,517,651	99.93%
Valid CPT/HCPCS	9,783	0.07%

CPT10	Frequency	Percent of Total
Blank	13,521,565	99.96%
Valid CPT/HCPCS	5,869	0.04%

CPT11	Frequency	Percent of Total
Blank	13,523,370	99.97%
Valid CPT/HCPCS	4,064	0.03%

CPT12	Frequency	Percent of Total
Blank	13,524,058	99.98%
Valid CPT/HCPCS	3,376	0.02%

CPT13	Frequency	Percent of Total
Blank	13,525,326	99.98%
Valid CPT/HCPCS	2,108	0.02%

CPT14	Frequency	Percent of Total
Blank	13,525,723	99.99%
Valid CPT/HCPCS	1,711	0.01%

CPT15	Frequency	Percent of Total
Blank	13,526,197	99.99%
Valid CPT/HCPCS	1,237	0.01%

CPT16	Frequency	Percent of Total
Blank	13,526,438	99.99%
Valid CPT/HCPCS	996	0.01%

CPT17	Frequency	Percent of Total
Blank	13,526,709	99.99%
Valid CPT/HCPCS	725	0.01%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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CPT18	Frequency	Percent of Total
Blank	13,526,776	100.0%
Valid CPT/HCPCS	659	0.00%

CPT19	Frequency	Percent of Total
Blank	13,526,964	100.0%
Valid CPT/HCPCS	470	0.00%

CPT20	Frequency	Percent of Total
Blank	13,526,993	100.0%
Valid CPT/HCPCS	442	0.00%

CPT21	Frequency	Percent of Total
Blank	13,527,081	100.0%
Valid CPT/HCPCS	353	0.00%

CPT22	Frequency	Percent of Total
Blank	13,527,123	100.0%
Valid CPT/HCPCS	311	0.00%

CPT23	Frequency	Percent of Total
Blank	13,527,164	100.0%
Valid CPT/HCPCS	271	0.00%

CPT24	Frequency	Percent of Total
Blank	13,527,166	100.0%
Valid CPT/HCPCS	268	0.00%

CPT25	Frequency	Percent of Total
Blank	13,527,244	100.0%
Valid CPT/HCPCS	191	0.00%

CPT26	Frequency	Percent of Total
Blank	13,527,258	100.0%
Valid CPT/HCPCS	176	0.00%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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CPT27	Frequency	Percent of Total
Blank	13,527,278	100.0%
Valid CPT/HCPCS	156	0.00%

CPT28	Frequency	Percent of Total
Blank	13,527,288	100.0%
Valid CPT/HCPCS	146	0.00%

CPT29	Frequency	Percent of Total
Blank	13,527,320	100.0%
Valid CPT/HCPCS	115	0.00%

CPT30	Frequency	Percent of Total
Blank	13,527,320	100.0%
Valid CPT/HCPCS	115	0.00%

I10_DX1	Frequency	Percent of Total
Blank	673	0.00%
Valid DX	13,525,284	99.98%
Inconsistent DX (incn)	<= 50	*.***%
Invalid DX (invl)	1,460	0.01%

I10_DX2	Frequency	Percent of Total
Blank	1,656,291	12.24%
Valid DX	11,869,236	87.74%
Inconsistent DX (incn)	<= 50	*.***%
Invalid DX (invl)	1,899	0.01%

I10_DX3	Frequency	Percent of Total
Blank	3,226,629	23.85%
Valid DX	10,299,798	76.14%
Inconsistent DX (incn)	<= 50	*.***%
Invalid DX (invl)	999	0.01%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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I10_DX4	Frequency	Percent of Total
Blank	4,714,311	34.85%
Valid DX	8,812,619	65.15%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	496	0.00%

I10_DX5	Frequency	Percent of Total
Blank	6,074,890	44.91%
Valid DX	7,452,205	55.09%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	323	0.00%

I10_DX6	Frequency	Percent of Total
Blank	7,285,658	53.86%
Valid DX	6,241,502	46.14%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	272	0.00%

I10_DX7	Frequency	Percent of Total
Blank	8,349,065	61.72%
Valid DX	5,178,165	38.28%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	193	0.00%

I10_DX8	Frequency	Percent of Total
Blank	9,267,796	68.51%
Valid DX	4,259,494	31.49%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	140	0.00%

I10_DX9	Frequency	Percent of Total
Blank	10,059,771	74.37%
Valid DX	3,467,567	25.63%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	94	0.00%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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I10_DX10	Frequency	Percent of Total
Blank	10,759,431	79.54%
Valid DX	2,767,944	20.46%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	57	0.00%

I10_DX11	Frequency	Percent of Total
Blank	11,460,578	84.72%
Valid DX	2,066,803	15.28%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	<= 50	*. **0%

I10_DX12	Frequency	Percent of Total
Blank	11,915,851	88.09%
Valid DX	1,611,544	11.91%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	<= 50	*. **0%

I10_DX13	Frequency	Percent of Total
Blank	12,254,915	90.59%
Valid DX	1,272,487	9.41%
Invalid DX (invl)	<= 50	*. **0%

I10_DX14	Frequency	Percent of Total
Blank	12,529,335	92.62%
Valid DX	998,072	7.38%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	<= 50	*. **0%

I10_DX15	Frequency	Percent of Total
Blank	12,751,389	94.26%
Valid DX	776,030	5.74%
Invalid DX (invl)	<= 50	*. **0%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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I10_DX16	Frequency	Percent of Total
Blank	12,938,800	95.65%
Valid DX	588,623	4.35%
Inconsistent DX (incn)	<= 50	*. **0%
Invalid DX (invl)	<= 50	*. **0%

I10_DX17	Frequency	Percent of Total
Blank	13,076,254	96.66%
Valid DX	451,168	3.34%
Invalid DX (invl)	<= 50	*. **0%

I10_DX18	Frequency	Percent of Total
Blank	13,182,813	97.45%
Valid DX	344,619	2.55%
Invalid DX (invl)	<= 50	*. **0%

I10_DX19	Frequency	Percent of Total
Blank	13,297,072	98.30%
Valid DX	230,362	1.70%

I10_DX20	Frequency	Percent of Total
Blank	13,352,227	98.70%
Valid DX	175,207	1.30%

I10_DX21	Frequency	Percent of Total
Blank	13,392,211	99.00%
Valid DX	135,223	1.00%

I10_DX22	Frequency	Percent of Total
Blank	13,423,319	99.23%
Valid DX	104,115	0.77%

I10_DX23	Frequency	Percent of Total
Blank	13,446,817	99.40%
Valid DX	80,617	0.60%

NASS Summary Statistics 2023 **Weighted Frequencies for Encounter File**

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I10_DX24	Frequency	Percent of Total
Blank	13,464,948	99.54%
Valid DX	62,486	0.46%

I10_DX25	Frequency	Percent of Total
Blank	13,489,855	99.72%
Valid DX	37,580	0.28%

I10_DX26	Frequency	Percent of Total
Blank	13,512,343	99.89%
Valid DX	15,091	0.11%

I10_DX27	Frequency	Percent of Total
Blank	13,516,294	99.92%
Valid DX	11,140	0.08%

I10_DX28	Frequency	Percent of Total
Blank	13,519,120	99.94%
Valid DX	8,314	0.06%

I10_DX29	Frequency	Percent of Total
Blank	13,520,921	99.95%
Valid DX	6,513	0.05%

I10_DX30	Frequency	Percent of Total
Blank	13,522,358	99.96%
Valid DX	5,076	0.04%

DISPUNIFORM	Frequency	Percent of Total
. : Missing	790,293	5.84%
.A: Invalid	215	0.00%
1 : Routine	12,260,611	90.64%
2 : Transfer: short-term hospital	15,458	0.11%
5 : Transfer: other type of facility	114,632	0.85%
6 : Home health care	341,161	2.52%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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DISPUNIFORM	Frequency	Percent of Total
7 : Against medical advice	4,236	0.03%
20 : Died in hospital	791	0.01%
99 : Discharged alive, destination unknown	<= 50	*.**0%

DQTR	Frequency	Percent of Total
.: Missing	4,487	0.03%
1: First quarter	3,347,813	24.75%
2: Second quarter	3,428,998	25.35%
3: Third quarter	3,266,811	24.15%
4: Fourth quarter	3,479,325	25.72%

FEMALE	Frequency	Percent of Total
. : Missing	4,209	0.03%
.A: Invalid	536	0.00%
.C: Inconsistent	1,536	0.01%
0 : Male	5,972,759	44.15%
1 : Female	7,548,395	55.80%

I10_INJURY	Frequency	Percent of Total
0: No injury	12,130,263	89.67%
1: Injury in the first-listed diagnosis	1,167,479	8.63%
2: Injury in the diagnoses other than first-listed	229,693	1.70%

I10_MULTINJURY	Frequency	Percent of Total
0: One or no injury diagnosis reported	13,104,133	96.87%
1: More than one injury diagnosis reported, regardless of position	423,301	3.13%

I10_NDX	Frequency	Percent of Total
0	662	0.00%
1	1,655,629	12.24%
2	1,570,338	11.61%
3	1,487,681	11.00%
4	1,360,580	10.06%
5	1,210,768	8.95%

NASS Summary Statistics 2023 **Weighted Frequencies for Encounter File**

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I10_NDX	Frequency	Percent of Total
6	1,063,407	7.86%
7	918,731	6.79%
8	791,975	5.85%
9	699,660	5.17%
10	701,147	5.18%
11	455,273	3.37%
12	339,065	2.51%
13	274,420	2.03%
14	222,053	1.64%
15	187,411	1.39%
16	137,454	1.02%
17	106,559	0.79%
18	114,259	0.84%
19	55,154	0.41%
20	39,984	0.30%
21	31,108	0.23%
22	23,498	0.17%
23	18,131	0.13%
24	24,907	0.18%
25	22,488	0.17%
26	3,951	0.03%
27	2,826	0.02%
28	1,801	0.01%
29	1,437	0.01%
30	5,076	0.04%

NASS_STRATUM	Frequency	Percent of Total
01	63,564	0.47%
02	288,877	2.14%
03	53,981	0.40%
04	91,606	0.68%
05	191,133	1.41%
06	44,414	0.33%
07	120,880	0.89%

NASS Summary Statistics 2023
Weighted Frequencies for Encounter File

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NASS_STRATUM	Frequency	Percent of Total
08	1,260,732	9.32%
09	2,090,019	15.45%
10	1,196,183	8.84%
11	84,721	0.63%
12	126,390	0.93%
13	40,179	0.30%
14	499,907	3.70%
15	82,639	0.61%
16	182,190	1.35%
17	89,103	0.66%
18	123,695	0.91%
19	164,495	1.22%
20	24,705	0.18%
21	110,419	0.82%
22	86,767	0.64%
23	437,199	3.23%
24	128,302	0.95%
25	33,414	0.25%
26	157,063	1.16%
27	886,210	6.55%
28	213,002	1.57%
29	633,455	4.68%
30	92,867	0.69%
31	21,814	0.16%
32	61,115	0.45%
33	70,924	0.52%
34	47,922	0.35%
35	331,254	2.45%
36	173,494	1.28%
37	42,762	0.32%
38	54,608	0.40%
39	70,123	0.52%
40	463,388	3.43%
41	192,799	1.43%

NASS Summary Statistics 2023

Weighted Frequencies for Encounter File

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NASS_STRATUM	Frequency	Percent of Total
42	455,054	3.36%
43	81,224	0.60%
44	452,015	3.34%
45	673,981	4.98%
46	525,555	3.89%
47	19,520	0.14%
48	191,772	1.42%

PAY1	Frequency	Percent of Total
. : Missing	59,506	0.44%
.A: Invalid	1,473	0.01%
1 : Medicare	4,702,090	34.76%
2 : Medicaid	1,817,713	13.44%
3 : Private insurance	6,037,582	44.63%
4 : Self-pay	322,999	2.39%
5 : No charge	28,001	0.21%
6 : Other	558,070	4.13%

PL_NCHS2	Frequency	Percent of Total
.: Missing	15,897	0.12%
Metropolitan	10,744,178	79.43%
Non-metropolitan	2,767,359	20.46%

ZIPINC_QRTL	Frequency	Percent of Total
. : Missing	97,913	0.72%
.A: Invalid	321	0.00%
1 : First quartile	3,127,286	23.12%
2 : Second quartile	3,634,963	26.87%
3 : Third quartile	3,586,528	26.51%
4 : Fourth quartile	3,080,422	22.77%