

Colorado Stroke Alliance Database (5-16-2005 to 6-30-2011)

Summary of selected calculated continuous variables

Height in inches (gs_heightunit and gs_height)				
#With Data	#Missing	Mean	SD	Median
13,964	5,631	66.05	5.12	66

Weight in lbs (gs_weightunit and gs_weight)				
#With Data	#Missing	Mean	SD	Median
15,131	4,464	167.02	45.48	162

Onset - Arrival in Minutes (jc_arrdatetime-gs_syptomdatetime)				
#With Data	#Missing	Mean	SD	Median
11,051	8,544	375.23	383.83	201

Note: excludes values of <=0 or >1440 min. (i.e. only values of 1 min.-24 hrs accepted)

Onset - Arrival in Minutes (jc_arrdatetime-gs_lastknownwell)				
#With Data	#Missing	Mean	SD	Median
11,889	7,706	386.97	386.09	225

Note: excludes values of <=0 or >1440 min. (i.e. only values of 1 min.-24 hrs accepted)

Arrival to IV tPA in Minutes (jc_ivthrodtm-jc_arrdatetime)				
#With Data	#Missing	Mean	SD	Median
1,050	18,545	77.95	34.47	73

Note: excludes values of <=0 or >270 min. (i.e. only values of 1 min.-4.5 hrs accepted)

Arrival to Image in Minutes (gs_ctcompdatetime-jc_arrdatetime)				
#With Data	#Missing	Mean	SD	Median
13,786	5,809	54.81	48.84	40

Note: excludes values of <=0 or >270 min. (i.e. only values of 1 min.-4.5 hrs accepted)

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Summary of selected categorical variables

Site (site_os_id)		
Code	Records	% of Total Records
23642	2,594	13.24%
30828	1,833	9.35%
19762	1,761	8.99%
21582	1,655	8.45%
10421	1,325	6.76%
18702	1,193	6.09%
16042	1,034	5.28%
23802	998	5.09%
34147	991	5.06%
39294	991	5.06%
20503	844	4.31%
38534	732	3.74%
35947	668	3.41%
24622	508	2.59%
38554	426	2.17%
19242	395	2.02%
43334	380	1.94%
18362	300	1.53%
37213	153	0.78%
26162	147	0.75%
3603	147	0.75%
42554	105	0.54%
37397	85	0.43%
21583	54	0.28%
34767	52	0.27%
35151	51	0.26%
37434	48	0.25%
37224	44	0.23%
39614	26	0.13%
36852	20	0.10%
38415	16	0.08%
36735	12	0.06%
43014	4	0.02%
35629	2	0.01%
20422	1	0.01%
Total	19,595	100%

Type of Stroke (gs_stroketype)			
Code	Count	% of Total	Translation of Code
2	11,006	56.17%	Ischemic Stroke
3	4,239	21.63%	Transient Ischemic Attack (< 24 hours)
5	2,061	10.52%	Intracerebral Hemorrhage

4	916	4.67%	Subarachnoid Hemorrhage
6	849	4.33%	Stroke not otherwise specified
7	342	1.75%	No stroke related diagnosis
?	173	0.88%	Missing
1	9	0.05%	Input Error
Total	19,595	100%	

Onset Location (gs_symptomlocation)			
Code	Count	% of Total	Translation of Code
1	16,008	81.69%	Not in a healthcare setting
2	1,098	5.60%	Another acute care facility
9	1,039	5.30%	ND or Cannot be Determined
3	829	4.23%	Chronic health care facility
4	318	1.62%	Stroke occurred while an inpatient in your hospital
?	169	0.86%	Missing
5	134	0.68%	Outpatient healthcare setting
Total	19,595	100%	

How Pt Arrived (gs_patientarrival)			
Code	Count	% of Total	Translation of Code
1	10,267	52.40%	EMS from home/scene
2	6,999	35.72%	Private transport/taxi/other from home/scene
3	1,515	7.73%	Transfer from other hospital
?	413	2.11%	Missing
9	401	2.05%	ND or unknown
Total	19,595	100%	

Where First Cared For (gs_placercd)			
Code	Count	% of Total	Translation of Code
1	15,448	78.84%	Emergency Department/Urgent Care
?	2,690	13.73%	Missing
2	1,341	6.84%	Direct Admit or direct to floor, not through ED
4	104	0.53%	ND or Cannot be determined
3	12	0.06%	Imaging suite prior to ED or DA
Total	19,595	100%	

EMS Advance Notify (gs_prehosp_ems)			
Code	Count	% of Total	Translation of Code
?	9,566	48.82%	Missing
1	7,645	39.02%	Yes
2	1,426	7.28%	No/ND
3	958	4.89%	N/A
Total	19,595	100%	

Hospital Arrival - Hour of Day - Military Time (jc_arrdatetime)			
Hour	Count	% of Total	
0	546	2.79%	Note: midnight is default for missing; thus spurious.

1	256	1.31%
2	214	1.09%
3	190	0.97%
4	190	0.97%
5	233	1.19%
6	363	1.85%
7	564	2.88%
8	910	4.64%
9	1,209	6.17%
10	1,307	6.67%
11	1,403	7.16%
12	1,299	6.63%
13	1,324	6.76%
14	1,235	6.30%
15	1,134	5.79%
16	1,144	5.84%
17	1,075	5.49%
18	1,041	5.31%
19	936	4.78%
20	834	4.26%
21	693	3.54%
22	543	2.77%
23	389	1.99%
?	563	2.87% Missing

Total	19,595	100%
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Hospital Arrival - Day Of Week (jc_arrdatetime)			
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Day	Count	% of Total	Translation of Code
1	2,449	12.50%	Sunday
2	2,973	15.17%	Monday
3	2,883	14.71%	Tuesday
4	2,863	14.61%	Wednesday
5	2,710	13.83%	Thursday
6	2,675	13.65%	Friday
7	2,479	12.65%	Saturday
?	563	2.87%	Missing

Total	19,595	100%
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Patient Gender (jc_gender)			
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Code	Count	% of Total	Translation of Code
2	10,513	53.65%	Female
1	9,007	45.97%	Male
?	71	0.36%	Missing
3	4	0.02%	Unknown

Total	19,595	100%
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Interpretation of first brain image (gs_firstimage)			
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Code	Count	% of Total	Translation of Code
2	14,440	73.69%	No Hemorrhage
1	2,806	14.32%	Hemorrhage
?	1,520	7.76%	Missing
3	829	4.23%	Not Available
Total	19,595	100%	

IV tPA at This Hospital (jc_ivthroinit)			
Code	Count	% of Total	Translation of Code
2	17,279	88.18%	No
?	1,195	6.10%	Missing
1	1,121	5.72%	Yes
Total	19,595	100%	

Documented CI to IV tPA w/n 3 hrs (gs_ivtpanc)			
Code	Count	% of Total	Translation of Code
1	9,360	47.77%	Yes
?	7,107	36.27%	Missing
2	3,128	15.96%	No
Total	19,595	100%	

Documented CI to IV tPA 3-4.5 hrs (gs_ivtpalatenc)			
Code	Count	% of Total	Translation of Code
?	14,831	75.69%	Missing
1	2,456	12.53%	Yes
2	2,308	11.78%	No
Total	19,595	100%	

IV tPA at outside hospital (gs_ivtpaoutside)			
Code	Count	% of Total	Translation of Code
2	18,091	92.32%	No
?	1,188	6.06%	Missing
1	316	1.61%	Yes
Total	19,595	100%	

IA catheter-based reperfusion at this hospital (gs_iatpa)			
Code	Count	% of Total	Translation of Code
2	13,098	66.84%	No
?	6,303	32.17%	Missing
1	194	0.99%	Yes
Total	19,595	100%	

IA catheter-based reperfusion at outside hospital (gs_iatpaoutside)			
Code	Count	% of Total	Translation of Code
2	13,071	66.71%	No
?	6,504	33.19%	Missing
1	20	0.10%	Yes

Total	19,595	100%
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Investigational or experimental protocol for thrombolysis (gs_thromexp)			
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Code	Count	% of Total	Translation of Code
2	17,050	87.01%	No
?	2,510	12.81%	Missing
1	35	0.18%	Yes
Total	19,595	100%	

Discharge disposition (jc_discstatus)			
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Code	Count	% of Total	Translation of Code
2	8,608	43.93%	Home or self care (routine discharge)
15	2,939	15.00%	Inpatient rehabilitation facility
4	2,627	13.41%	Skilled nursing facility (SNF)
7	1,387	7.08%	Home health service
10	1,190	6.07%	Expired
13	704	3.59%	Hospice - medical facility
?	475	2.42%	Missing
3	434	2.21%	Short term general hospital for inpatient care
6	296	1.51%	Another type of health care institution
16	287	1.46%	Medicare certified long term care hospital (LTCH)
12	167	0.85%	Hospice - home
20	110	0.56%	Federal health care facility
5	107	0.55%	Facility that provides custodial or supportive care
14	92	0.47%	Hospital-based Medicare approved swing bed
8	83	0.42%	Left against medical advice or discontinued care
19	48	0.24%	Nursing facility certified under M'caid not Medicare
22	20	0.10%	Critical Access Hospital (CAH)
21	13	0.07%	Psychiatric hospital
23	7	0.04%	Designated Cancer Center or Children's Hospital
24	1	0.01%	Dsch/Trans to court/law enforcement
Total	19,595	100%	

Discharge disposition (jc_disposition)			
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Code	Count	% of Total	Translation of Code
?	19,132	97.64%	Missing
1	273	1.39%	Home
5	110	0.56%	Other Health Care Facility
4	37	0.19%	Acute Care Facility
6	23	0.12%	Expired
3	17	0.09%	Hospice at Health Care Facility
2	2	0.01%	Hospice - Home
7	1	0.01%	Left Against Medical Advice/AMA
Total	19,595	100%	

Record marked as 'complete" (status)			
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Code	Count	% of Total	Translation of Code
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16,838 85.93% Yes
2,757 14.07% No

Total	19,595	100%
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Colorado Stroke Alliance Database (5-16-2005 to 6-30-2011)

Summary of selected continuous variables

Patient Age (gs_age)				
#With Data	#Missing	Mean	SD	Median
19,552	43	69.56	15.56	72

Admission NIHSS total (gs_nihssadmit)				
#With Data	#Missing	Mean	SD	Median
9,228	10,367	7.36	7.78	4

Note: NIHSS is an ordinal variable, but it is listed as continuous here for convenience.

Total Cholesterol (gs_cholesterol)				
#With Data	#Missing	Mean	SD	Median
10,978	8,617	167.36	46.95	163

Triglycerides (gs_triglycerides)				
#With Data	#Missing	Mean	SD	Median
10,995	8,600	131.59	125.79	108

HDL cholesterol (gs_hdl)				
#With Data	#Missing	Mean	SD	Median
10,959	8,636	42.71	15.27	40

LDL cholesterol (gs_ldl)				
#With Data	#Missing	Mean	SD	Median
12,521	7,074	99.17	38.66	95

Glycohemoglobin (gs_hba1c)				
#With Data	#Missing	Mean	SD	Median
3,637	15,958	8.44	28.04	6.1

Fasting glucose (gs_fastingblood)				
#With Data	#Missing	Mean	SD	Median
9,427	10,168	127.54	58.20	111

INR (gs_inr)				
#With Data	#Missing	Mean	SD	Median
8,594	11,001	1.23	1.11	1

Heart rate (gs_hr)				
#With Data	#Missing	Mean	SD	Median
9,947	9,648	80.39	17.76	78

Systolic BP (gs_systolic)				
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#With Data	#Missing	Mean	SD	Median
9,948	9,647	173.74	1851.02	150

note: extreme SD due to a few high value input errors

Diastolic BP (gs_diastolic)				
#With Data	#Missing	Mean	SD	Median
9,944	9,651	81.58	18.87	80