



Injuries Related To Falls

Delaware State Trauma System Registry
2012 - 2016



Context

- Registry includes: Injury Hospital Admissions, Acute Interfacility Transfers, and Deaths in Emergency Department (ED)
- Registry Does Not include: Trauma Deaths Pronounced at Scene or Majority of Trauma Patients Treated and Discharged from ED

Total Falls Requiring Hospitalization By Age Group, 2012 - 2016

	0-2	3-5	6-10	11-15	16-20	21-40	41-64	65-74	75-84	85-94	95+	Total
Total Falls	598	545	756	481	344	1394	4196	2711	3830	3661	459	18975

Deaths From Falls By Age Group 2012 - 2016

	16-20	21-40	41-64	65-74	75-84	85-94	95+	Total
Deaths	4	5	53	51	92	100	16	321

Top 10 Types of Falls Requiring Hospitalization By Age, 2012 - 2016

	0-2	3-5	6-10	11-15	16-20	21-40	41-64	65-74	75-84	85-94	95+	Total
Fall on Same Level - Other	49	77	117	105	55	272	1247	1080	1689	1664	192	6548
Fall On or From Stairs/Steps - Other Stairs or Steps	107	48	25	31	39	254	922	444	489	253	19	2631
Unspecified Fall	5	5	8	7	21	107	417	335	507	634	87	2133
Other Fall	25	8	11	25	21	69	241	175	286	294	44	1199
Fall Resulting in Striking Other Object	46	34	54	28	22	51	227	158	228	232	21	1102
Other Multi-Level Fall - Other	103	56	124	60	37	120	186	64	43	30	4	827
Other Multi-level Fall - Bed	89	41	27	4	3	17	72	94	158	189	25	719
Fall On or From Ladders/Scaffolding - Ladder	2	1	5	2	5	100	330	109	66	14	1	639
Other Multi-level Fall - Playground Equipment	30	149	237	39	7	-	4	-	-	-	-	469
Fall From or Out of Building/Other Structure	28	17	24	23	27	138	119	20	4	5	-	405

Red = #1 for Age, Brown = #2, and Purple = #3;

***For 11-15, #3 = Collisions With Another Person Including Tackles in Sports (total # = 49)

Where Patients Went After Hospitalization: Most Frequent Destinations, 2012 - 2016

Patient Discharged to:	2012	2013	2014	2015	2016
Home or Self Care (Routine Discharge)	1791	1823	1874	1731	1688
Skilled Nursing Facility	1025	981	1080	970	926
Rehab (Inpatient)	389	330	350	395	352
Home with Services	307	347	395	399	411
Morgue	77	60	60	56	69
Acute Care Facility	40	48	47	36	46
Left AMA	24	14	23	24	25
Intermediate Care Facility	12	18	11	13	11
Mental Health/Psychiatric Hospital (Inpatient)	9	12	16	19	23
Unknown	9	15	5	-	-
Correctional Facility/Court/Law Enforcement	7	11	11	11	12
Hospice	-	-	24	81	83

Number of Patients With Falls-Related Hospital Length of Stay By Year

Hospital Length of Stay	2012	2013	2014	2015	2016	Total
1 Day	789	892	959	851	828	4319
2-4 Days	1397	1287	1407	1303	1297	6691
5-9 Days	937	887	922	926	880	4552
10-14 Days	158	163	167	186	172	846
15+ Days	116	106	134	145	143	644
Total	3397	3335	3589	3411	3320	17052

Number of Patients With Falls-Related ICU Stay By Year

ICU Length of Stay	2012	2013	2014	2015	2016	Total
1 Day	50	40	31	40	34	195
2 Days	93	120	113	116	123	565
3 Days	51	66	76	85	70	348
4 Days	39	42	53	53	46	233
5 Days	30	26	34	35	28	153
6 Days	24	15	14	19	18	90
1-2 Weeks	37	61	58	69	48	273
2-4 Weeks	19	22	21	27	38	127
4+ Weeks	4	2	3	6	2	17
Total	347	394	403	450	407	2001

Most Frequent Injuries Related To Hospitalizations for Falls, 2012 - 2016

ICD9 Code	ICD9 Text	Count
920	Contusion of face, scalp, and neck except eye(s)	3689
910	Superficial injury of face neck and scalp except eye	1883
820.8	Closed fracture of unspecified part of neck of femur	1534
916	Superficial injury of hip thigh leg and ankle	1516
873	Other open wound of head	1193
850.9	Concussion, unspecified	1160
820.21	Closed fracture of intertrochanteric section of neck of femur	1156
852.2	Subdural hemorrhage following injury without mention of open intracranial wound, unspecified state of consciousness	1039
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	926
850.5	Concussion with loss of consciousness of unspecified duration	915