

Med/Surg Days

Historical:

2009	74,710
2010	75,080
2011	78,227
2012	83,529
2013	91,410
2014	102,718
2015	110,527

Average annual increase = 6.74%

Projected:	General Growth	Trauma Days	Total Days	General rate of growth
2016	117,977		117,977	6.74%
2017	125,928		125,928	6.74%
2018	134,416		134,416	6.74%
2019	141,136	11,578	152,714	5.00%
2020	148,193	11,578	159,771	5.00%
2021	155,603	11,578	167,181	5.00%

Trauma Days Estimate

Trauma visits:

1,550 Chicago Fire Department EMS trauma bypass ambulance runs for patients 16 and older with travel time closer to UCMC than other Trauma Centers are approximately 1,550 per year based on a 2014 geospatial analysis.

620 Estimated number of trauma activations by private ambulance and other modes of transportation - 40% of CFD EMS transports.

543 Estimated number of trauma activations (visits) from areas bordering A-03 to the south and east - 25% of Chicago total above.

2,713 Total annual trauma visits

Trauma Med/Surg admissions:

1,444 Percent of trauma activations resulting in admissions was 71% in 2014 based on data reported by Chicago area hospitals with trauma units. Stroger Hospital of Cook County was excluded since the 20% it reported was a far outlier compared to the 71% reported by the other providers. Assume 75% admitted to Med/Surg units.

173 Expected readmission rate is 12% based on UCMC experience with patients undergoing similar surgeries as expected for trauma patients.

Trauma Med/Surg days:

10,833 Assume 7.5 day average length of stay for initial admission which is UCMC experience for patients undergoing similar procedures.

745 Assume 4.3 day average length of stay for readmission based on UCMC experience for similar surgery patients readmitted.

11,578 Med/Surg days for Trauma patients