

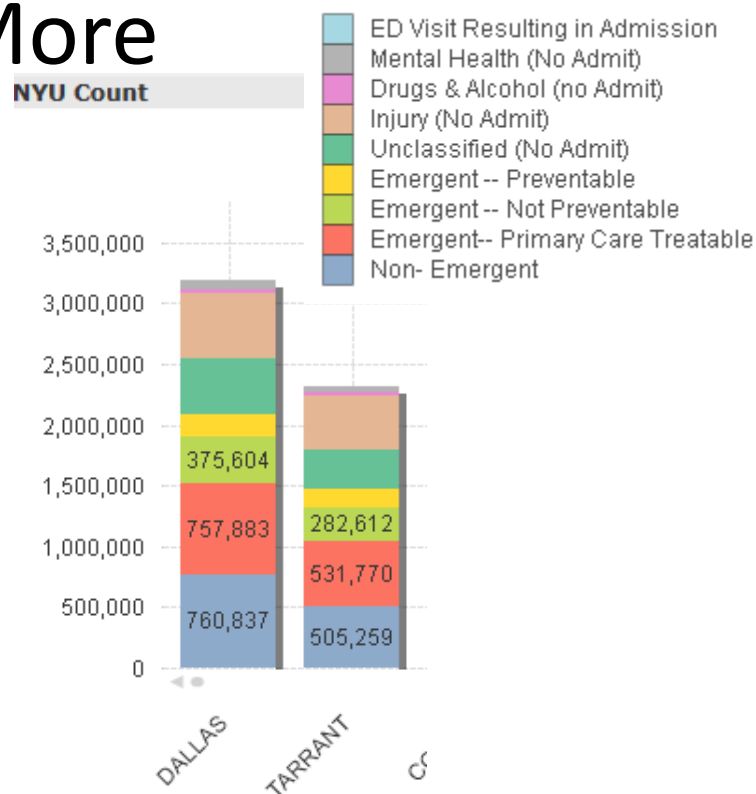


Performing Meaningful Data Analysis Utilizing ED Administrative Claims

Theresa Mendoza, Director Quality, BI, & Data
Services

18 Billion Dollars or More Could be Saved

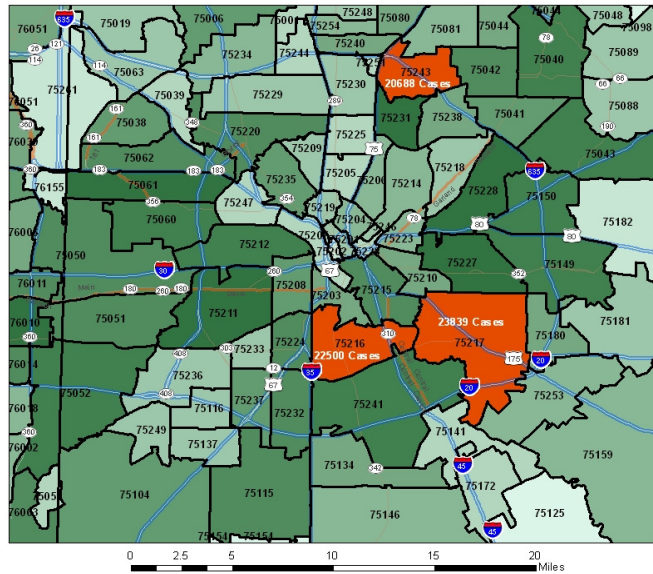
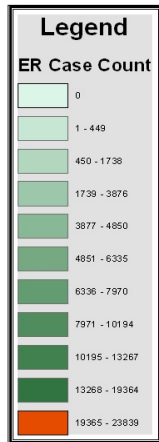
- 1/3 to 1/2 of ED visits are for non-emergent care
- ED's are required by federal law to provide care for all patients regardless of their ability to pay



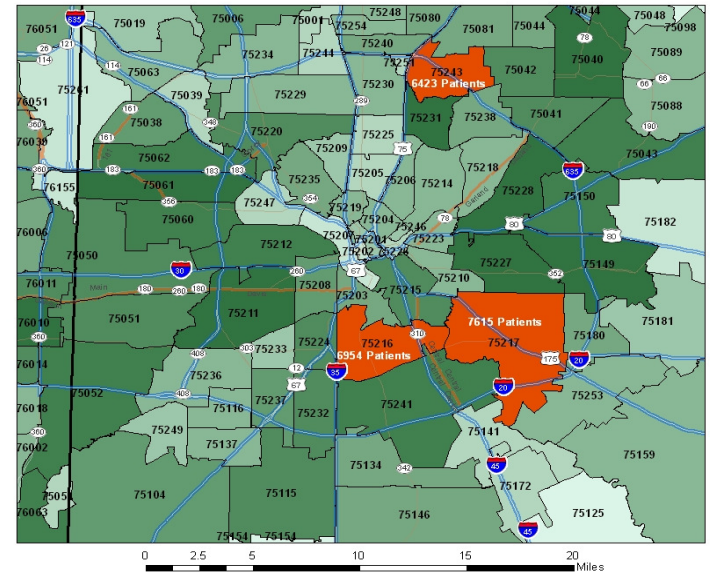
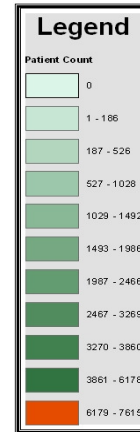
PrincipalDiagnosis	Non-Emergent	Emergent - Not Preventable	Emergent - Preventable	Emergent- Primary Care Treatable	Cases
786.50-UNSPEC CHEST PAIN	0.00	67,982.20	0.00	32,574.80	100,557
465.9-ACUTE URI UNSPEC	0.00	0.00	16,441.45	76,228.55	92,670
599.0-URIN TRACT INFECTION UNSPEC	40,008.00	0.00	20,956.57	25,719.43	86,684
786.59-OTH CHEST PAIN	0.00	30,065.00	0.00	47,245.00	77,310
784.0-HEADACHE	59,501.30	9,916.88	0.00	6,941.82	76,360
789.00-ABDOM PAIN UNSPEC SITE	0.00	24,449.94	0.00	49,579.06	74,029
465.9-ACUTE URI UNSPEC	0.00	0.00	10,973.03	50,874.97	61,848



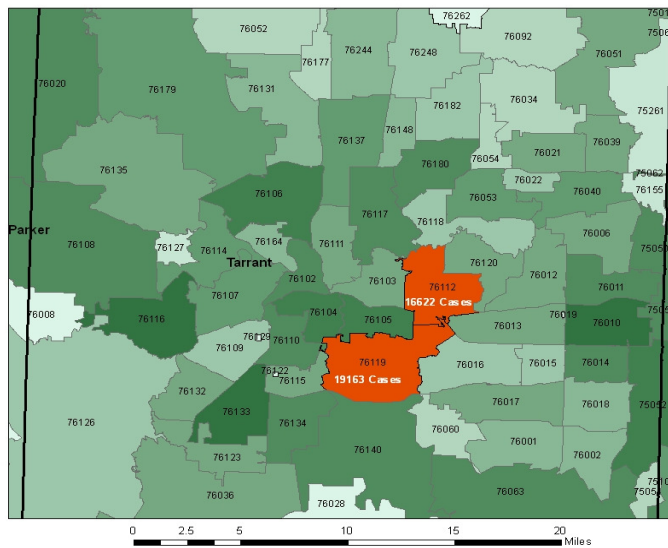
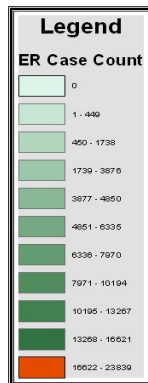
Dallas County ER Visits, 2012



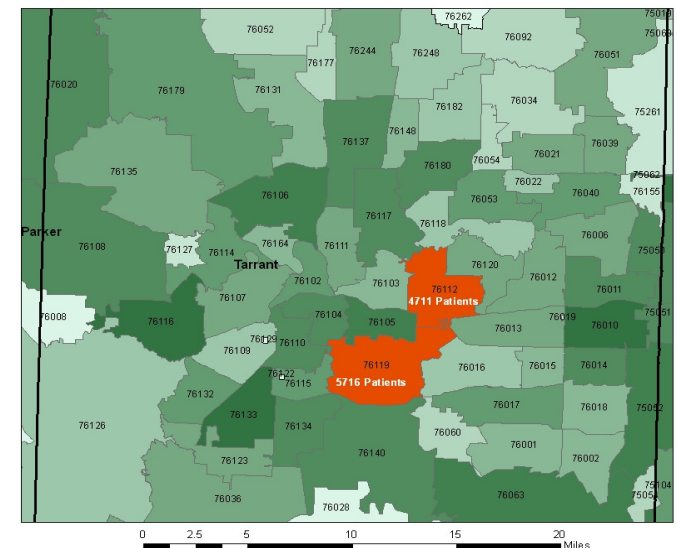
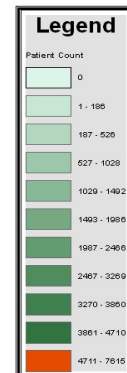
Dallas County Patient Count, 2012



Tarrant County ER Visits, 2012



Tarrant County Patient Count, 2012



Demographic Information of the Patients in high ER visit Zip codes in Dallas and Tarrant Counties

Counties		Dallas			Tarrant	
High ER visits Zip codes		75216	75217	75243	76119	76112
Number of Patients		6,954	7,615	6,423	5,716	4,711
ER cases		22,500	23,839	20,688	19,163	16,622
Adult vs. Pediatric	Average Age	43 / 5	40 / 5	38 / 5	41 / 5	39 / 5
	Cases	18,212 / 4,288	17,675 / 6,164	15,186 / 5,502	13,971 / 5,192	13,241 / 3,421
Race	Black	13,914	7,716	11,860	10,597	9,440
	Other	5,351	9,566	4,782	3,919	3,195
	White	3,220	6,520	3,564	4,399	3,928
	Asian or Pacific Islander	9	19	341	213	51
	American Indian / Eskimo / Aleut	6	18	142	35	8
Ethnicity	Hispanic or Latino	6,061	8,937	4,401	3,821	1,962
	Not Hispanic or Latino	16,439	14,902	16,283	15,334	14,656
NYU	Emergent	7,316	7,625	6,302	6,631	5,528
	Indeterminate	5,391	5,960	5,140	4,394	3,644
	Injury	2,734	2,986	2,673	2,614	2,432
	Non-emergent	2,810	3,017	3,114	2,246	2,085
	Other	4,248	4,252	3,459	3,277	2,933
Charges	Total Charge	53,091,917	59,211,405	49,671,622	45,301,906	41,567,840
	Average Charge	2,360	2,484	2,401	2,364	2,501

Statistics of ER cases, Diabetes prevalence and Payer information for high ER visit Zip codes in Dallas and Tarrant counties

Counties	Dallas			Tarrant	
High ER visits Zip codes	75216	75217	75243	76119	76112
Number of Patients	6954	7615	6423	5716	4711
ER cases	22500	23839	20688	19163	16622
%Diabetes Prevalence in ER visitors (number of cases with Diabetes)	15% (3027)	14.1% (2943)	8.2% (1591)	11% (2108)	10.2% (1706)
Dialysis/end stage kidney complications	1.18% (266)	0.77%(184)	0.42%(87)	0.88%(169)	1.06% (117)
Insured	2943	2959	2404	3014	2841
Medicaid	7590	8115	7981	7408	5829
Medicare	3143	2459	1691	1979	1903
Uninsured	8945	10049	8555	6605	5992

Facts from these results

- More middle age adults (30-42 yrs)
- Prevalence of diabetes
- Chest pain, Urinary Tract Infection, Abdominal Pain, & Headache as the top diagnosis
- Dialysis not contributing in high ER visits
- High number of non-emergent cases
- High ER visits by African American patients followed by Hispanics and Whites
- High number of uninsured patients
- More visits by Medicaid patients followed by Medicare and uninsured patients
- Patients visiting different facilities
- Regional Enterprise Master Patient Index (REMPI) ID was key

Contacts

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**Dallas-Fort Worth Hospital Council
Education and Research Foundation**