

Behavioral Health Community Needs Assessment



Presented By The North Texas
Community Health Collaborative (CHC)

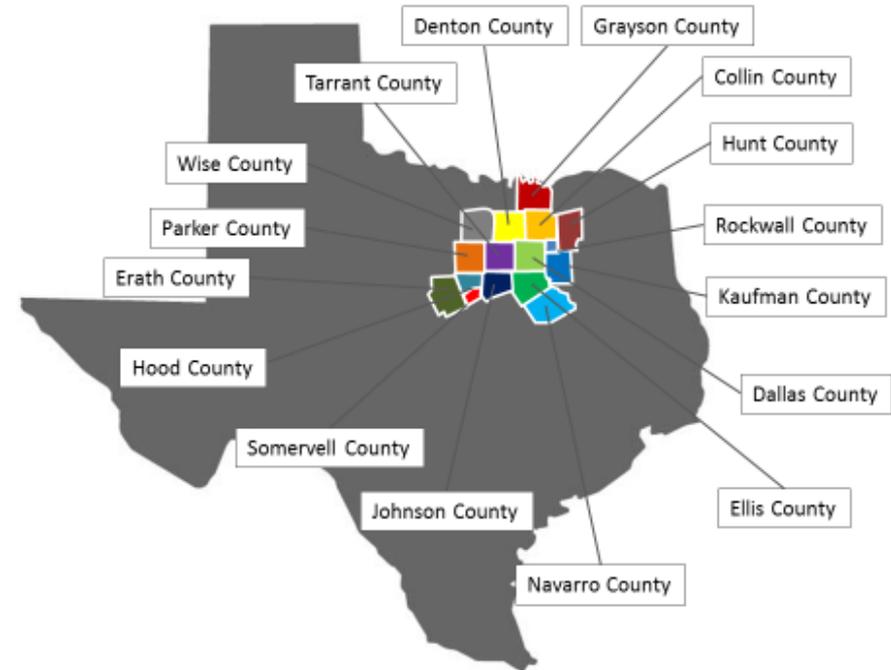
BH– CHNA Committee

Brad	Walsh (Chair)	Parkland Health System
Tyson	Bain	BSW Health System
Sue	Pickens	Community Representative
Ashleigh	Kinney	Texas Scottish Rite Hospital
Rebecca	Deisler	The UT South Western
Jeanne	Nightingale	Children’s Health
des Anges	Cruser	RHP18
Jessica	Galleshaw	United Way Dallas
Catherine	Oliveros	Texas Health Resources
Dawn	Zieger	JPS Health System and RHP10
Tammy	Mahan	Life Path System
Jennifer	Sublett	Medical City
Sushma	Sharma (Facilitator)	DFWHC Foundation
Jordania	Lilly (Admin)	DFWHC Foundation
Furong	Li (Intern)	UNT Health Science
Alexander	Fernandez (Intern)	UNT Health Science

Behavioral Health Community Needs Assessment

An Assessment of 16 North Texas Counties

Collin, Dallas, Denton, Ellis, Erath,
Grayson, Hood, Hunt, Johnson,
Kaufman, Navarro, Parker, Rockwall,
Somervell, Tarrant & Wise



Total Population: 6,081,825
Area: 12,246.8 Sq. Mile

Report Structure

Introduction: Overview of CHC, Background & Purpose of BH-CHNA, Geographic Area and Community Characteristics & Assessment Overview

Methods: Report Development Process & Data Sources

Data Analysis:

- Regional findings
- 1-16 Counties (16 sections)
- *Community Characteristics*
- *Clinical Data*
- *Special populations (Homeless, Jails, Refugee, Sexual assaults and abuse, Suicidal Ideation)*
- *Providers and Patient Survey results.*

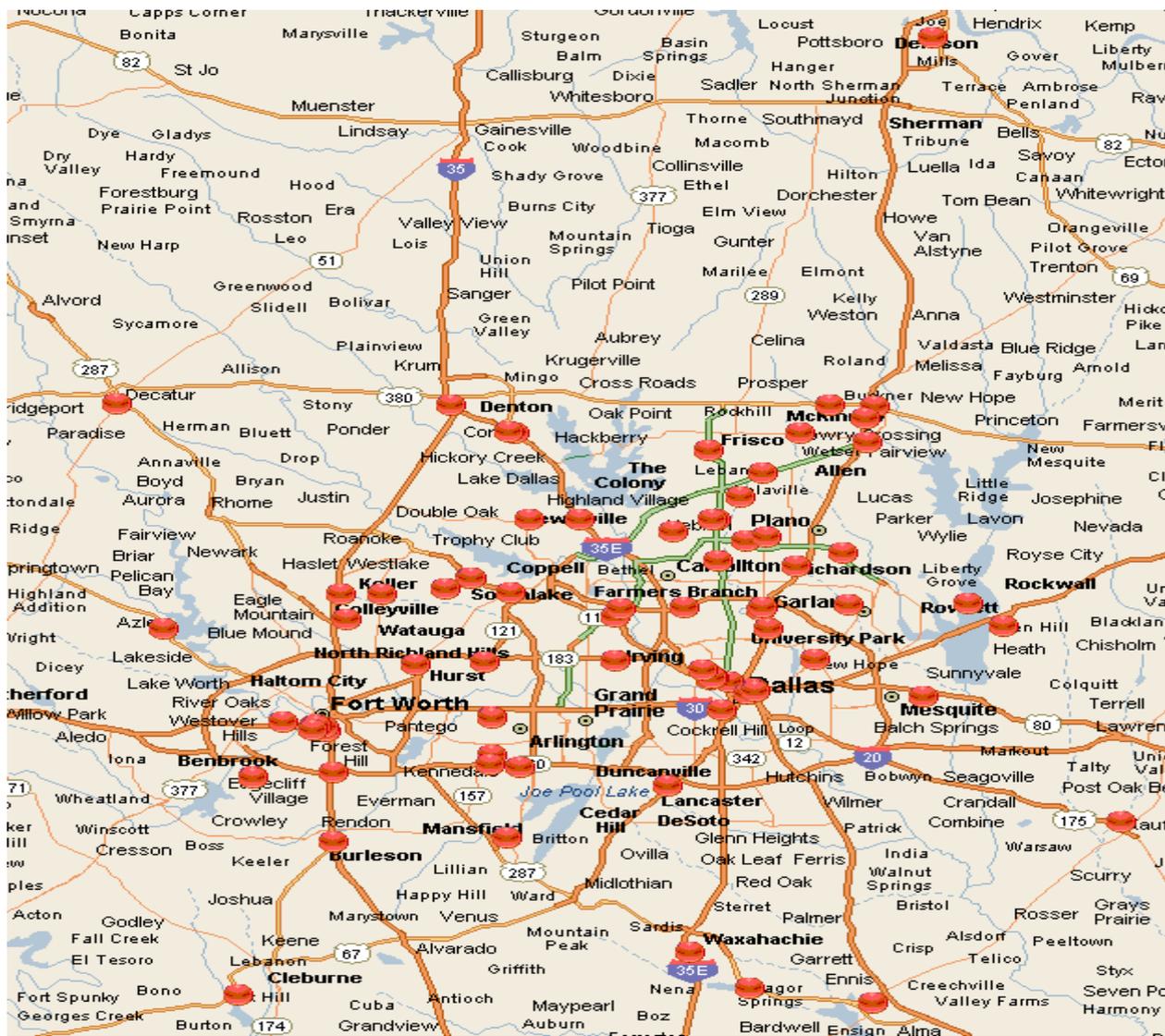
Key Findings

Recommendation's for Strategic Priorities

Data & Information Sources

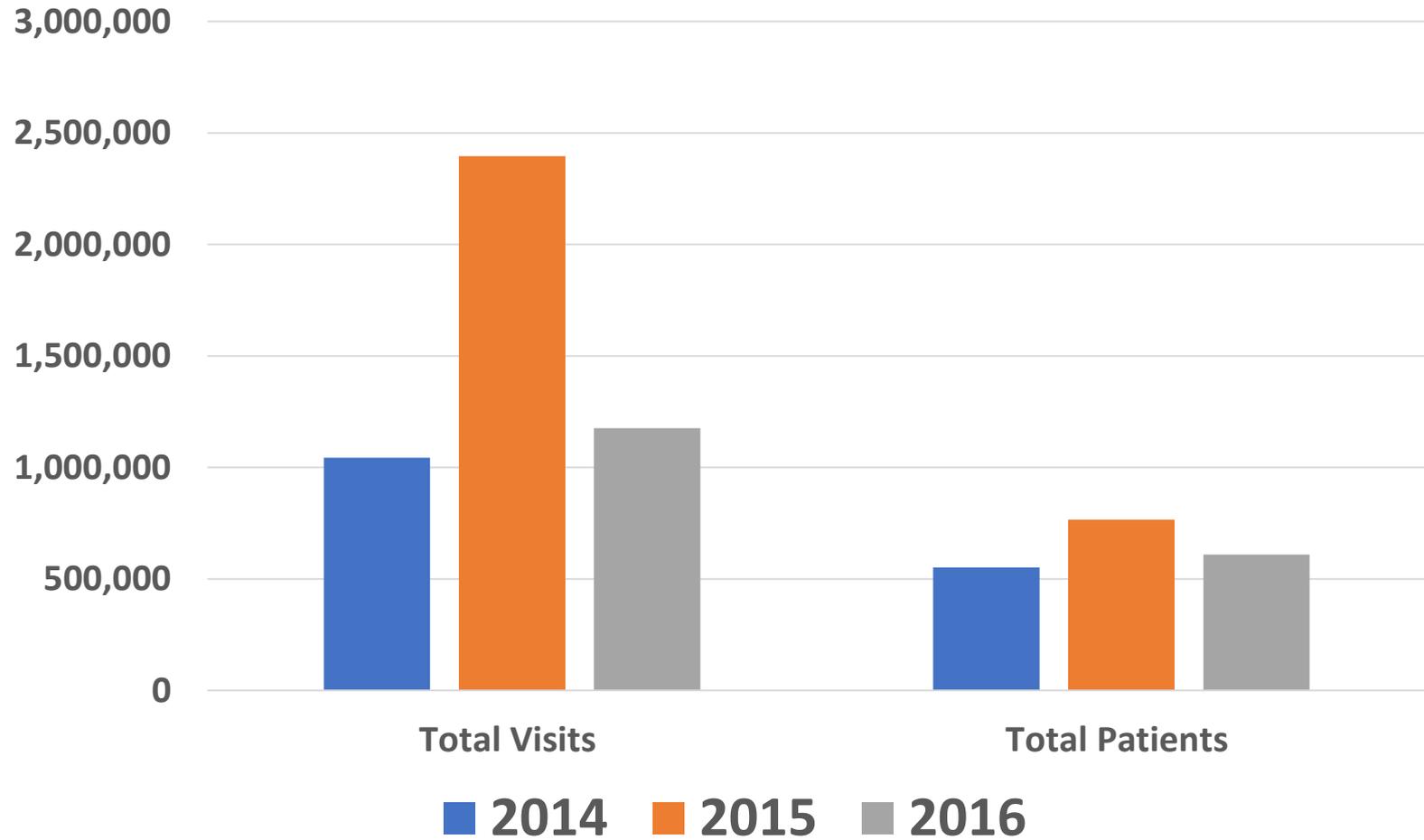
- DFWHCF Data Warehouse (86 North Texas Hospitals)
- Hospital Tracking Database (HS15DIR.dbf)
- The Department of State Health Services (DSHS)
- Merritt Hawkin's Physician Workforce Survey Report
- The United States Census Bureau
- County Health Ranking and Roadmaps
- Healthy North Texas (www.healthyntexas.org)
- The Hogg Foundation Reports
- MHMR Services, Metrocare services, NTBHA, Life Path Systems, RHP9, RHP18, RHP10
- Meadows Mental Health Policy Institute

About DFWHCF Data Warehouse



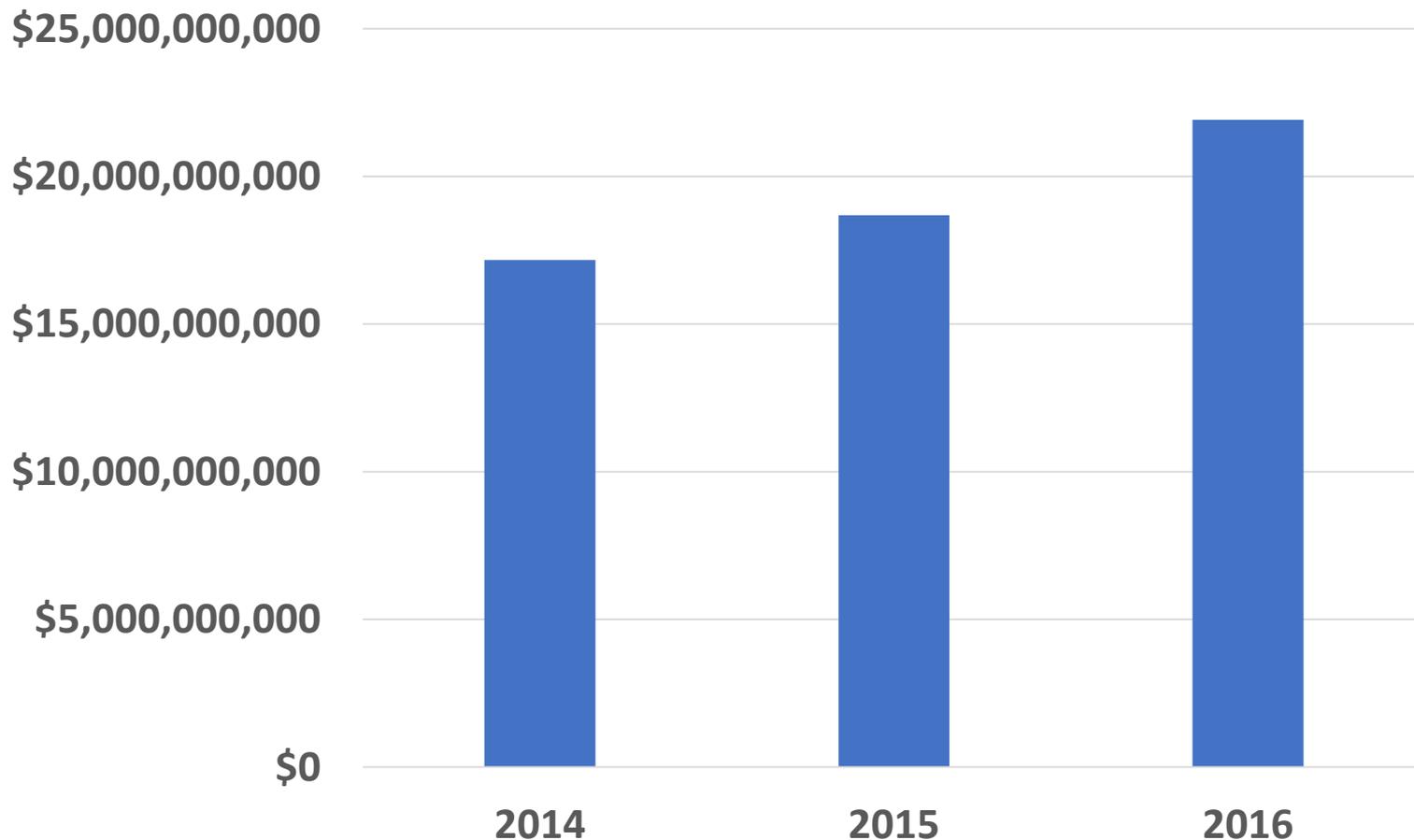
DFWHCF
Data Warehouse
Contains
Comprehensive
Hospital Visit Data
from 86 Partner
Hospitals

Total Hospital Visits and No. of Patients in 2016



Charges Filed by Hospitals in 2016

Visits with Behavioral Health Diagnosis

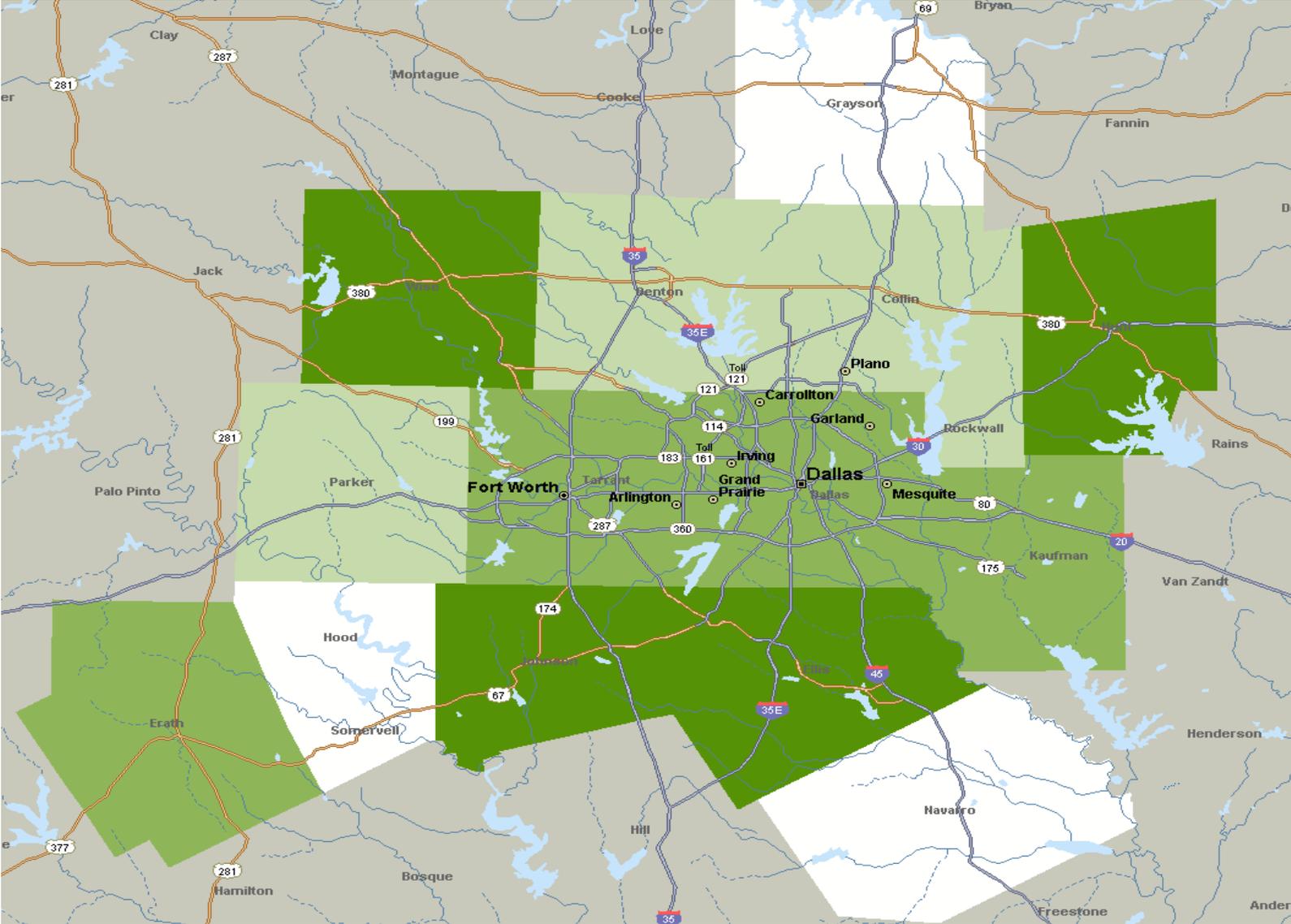


BH Related Hospital Visits in 2016

County	Square Miles per 1,000 Population	Total Visits (Mental Health and Substance Misuse)	Adjusted Rate
Erath	27.12	7,319	0.18
Navarro	19.33	3,658	0.07
Ellis	5.24	34,620	0.19
Grayson	7.27	5,201	0.04
Wise	13.33	15,438	0.23
Parker	6.42	16,908	0.12
Denton	1.07	91,717	0.11
Dallas	0.35	427,157	0.17
Tarrant	0.43	365,763	0.18
Collin	0.85	102,393	0.10
Hunt	8.85	20,772	0.22
Kaufman	6.06	19,891	0.15
Johnson	4.23	47,528	0.28
Hood	7.36	4,474	0.08
Somervell	19.33	618	0.06
Rockwall	1.28	12,322	0.12

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BH Hospital Visits by County (adjusted rate)

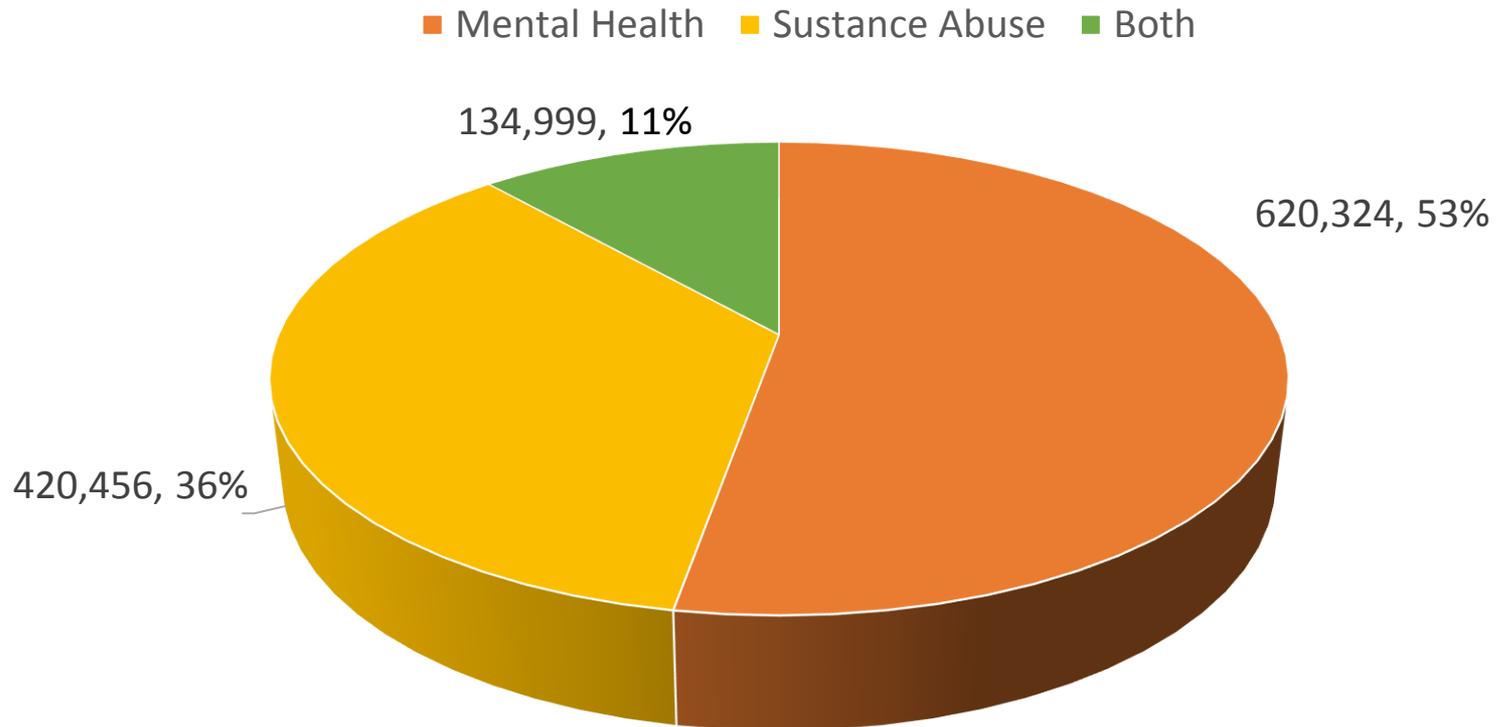


Mental Health and Substance Misuse Visits Intersection

County	Mental Health Visits	Substance Misuse Visits	Mental Health and Substance Misuse Visits Intersection	Total Visits
Erath	3,663	2,988	668	7,319
Navarro	2,127	1,119	412	3,658
Ellis	20,167	11,259	3,194	34,620
Grayson	3,036	1,644	521	5,201
Wise	7,682	5,972	1,784	15,438
Parker	8,825	6,468	1,615	16,908
Denton	50,432	33,466	7,819	91,717
Dallas	216,974	157,028	53,155	427,157
Tarrant	188,767	130,891	46,105	365,763
Collin	62,833	30,012	9,548	102,393
Hunt	9,607	9,110	2,055	20,772
Kaufman	10,755	7,269	1,867	19,891
Johnson	24,275	18,568	4,685	47,528
Hood	2,793	1,244	437	4,474
Somervell	355	181	82	618
Rockwall	8,530	2,740	1,052	12,322

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Mental Health and Substance Misuse Visits Intersection



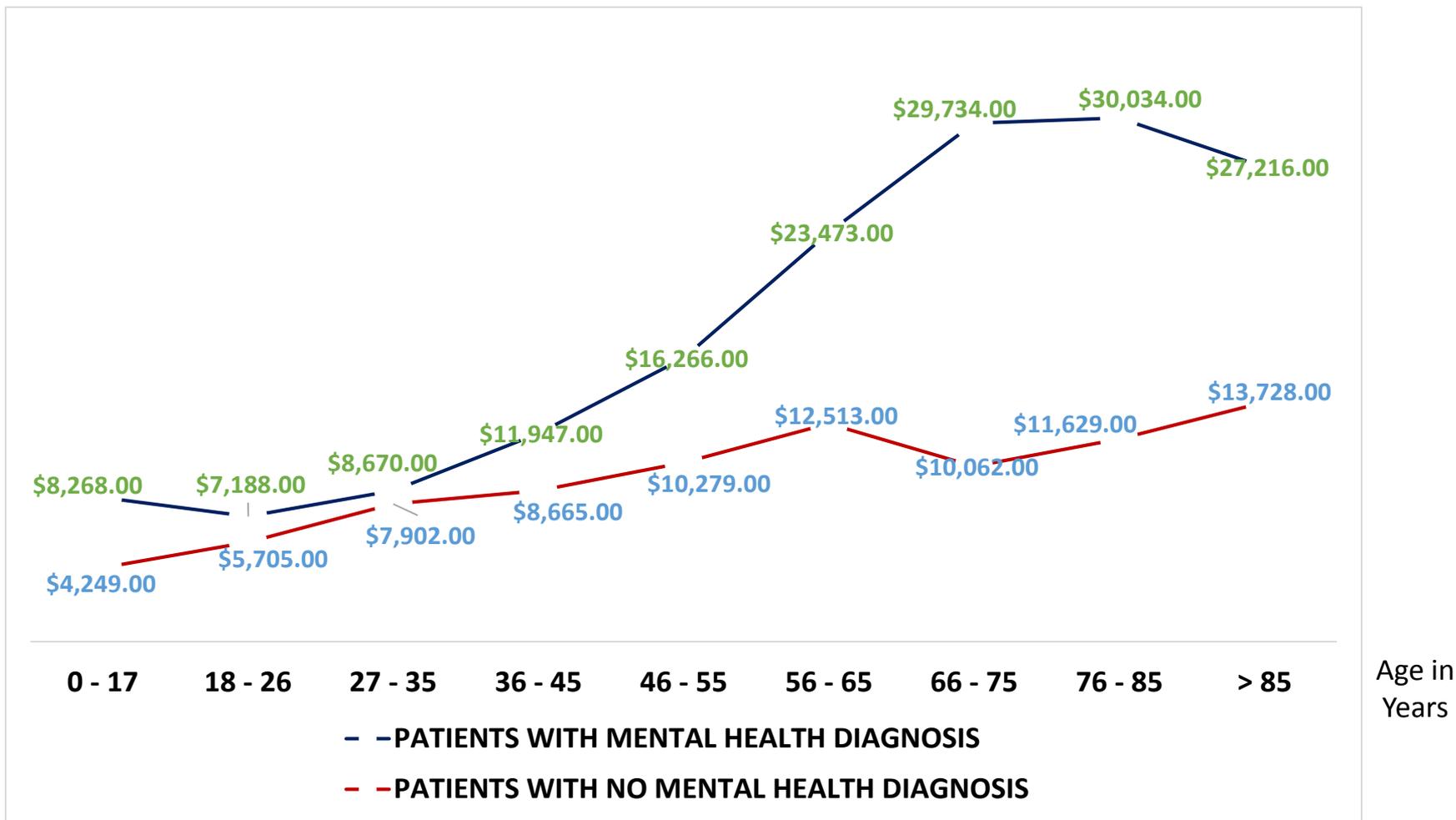
Behavior Health Visits in 16 Counties 2016

Emergency Department Visits By BH Patients (2016)

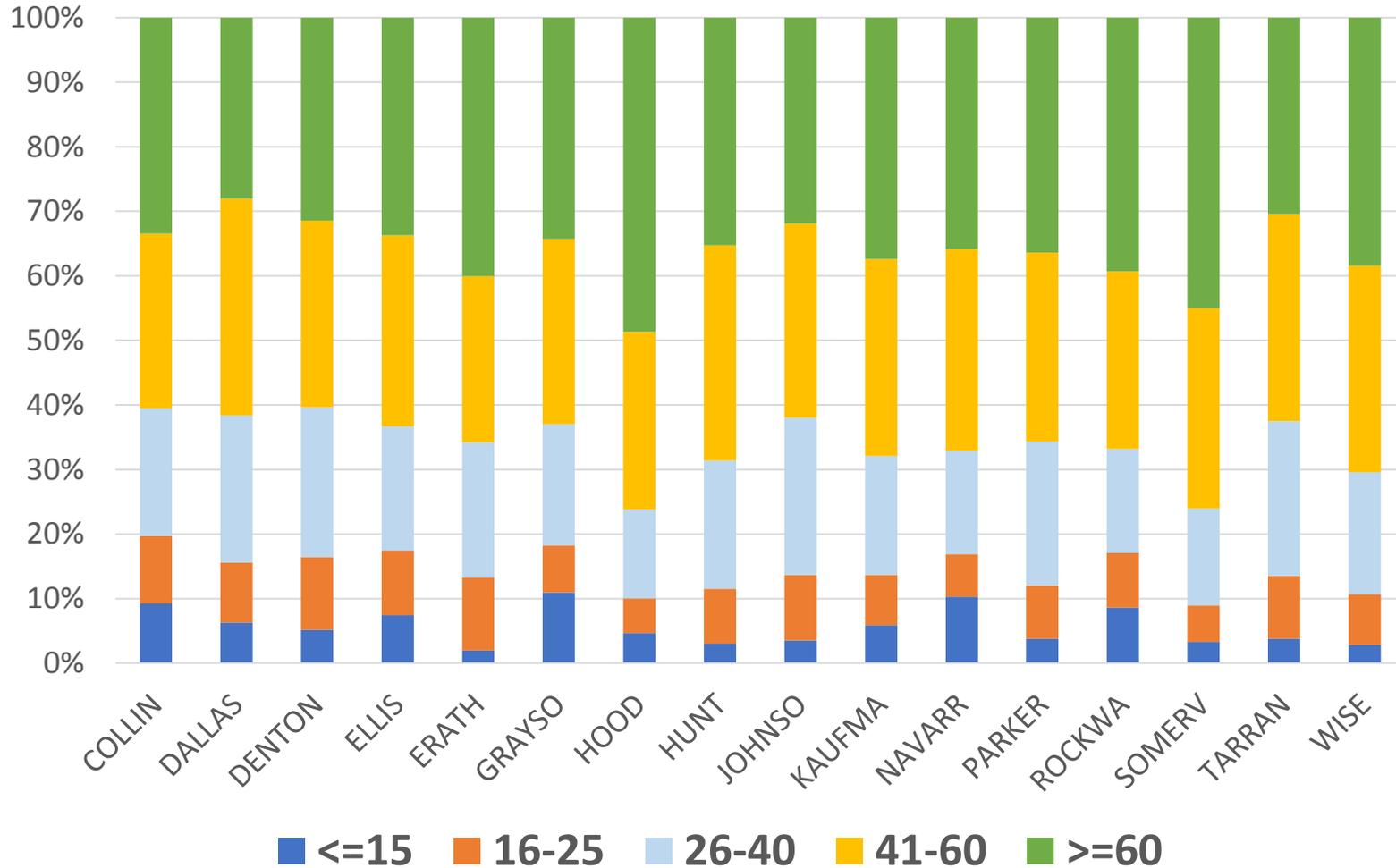
Hospital System	Cases	Cases % (of total)
	225,775	100%
Medical City Healthcare	63,239	28%
Texas Health Resources	37,784	17%
Tarrant County Hospital District	35,892	16%
Parkland Health & Hospital System	25,028	11%
Baylor Scott & White Health	24,663	11%
Methodist Health System	11,901	5%
Baylor Scott & White (Tenet)	4,928	2%
Childrens' Medical Center of Dallas	4,784	2%
Cook Children's' Health Care System	4,743	2%
Hunt Memorial Hospital District	2,461	1%
Essent Healthcare	2,184	1%
UTSW Medical Center University Hospitals	1,992	1%
Texas Health Partners	1,822	1%
Wise Regional Health System	1,530	1%
Dallas Regional Medical Center	1,017	0%
Universal Health Services	834	0%
Province Healthcare	654	0%
WNJ Regional Health System	188	0%

Average Charges

Patients with BH vs No BH Diagnosis (2016)



Age Distribution of BH Patients (2016)



Pediatric vs Adult BH Visits in North Texas

County	Count		Percent	
	<=12	>12	<=12	>12
Collin	6,916	95,477	6.75	93.25
Dallas	20,422	406,735	4.78	95.22
Denton	3,301	88,416	3.60	96.40
Ellis	1,970	32,650	5.69	94.31
Erath	107	7,212	1.46	98.54
Grayson	389	4,812	7.48	92.52
Hood	159	4,315	3.55	96.45
Hunt	449	20,323	2.16	97.84
Johnson	1,164	46,364	2.45	97.55
Kaufman	815	19,076	4.10	95.90
Navarro	288	3,370	7.87	92.13
Parker	451	16,457	2.67	97.33
Rockwall	816	11,506	6.62	93.38
Somervell	18	600	2.91	97.09
Tarrant	9,477	356,286	2.59	97.41
Wise	282	15,156	1.83	98.17

Gender Distribution of BH Hospital Visits and Patients

COUNTIES	Visits			Patients		
	F%	M%	X%	F%	M%	X%
COLLIN	48.93	40.97	10.09	49.44	41.14	9.42
DALLAS	44.67	39.63	15.71	45.78	40.50	13.71
DENTON	51.80	40.08	8.12	50.38	41.75	7.87
ELLIS	52.10	40.72	7.18	50.51	42.55	6.93
ERATH	51.29	43.49	5.22	49.20	45.35	5.45
GRAYSON	49.26	43.68	7.04	49.58	43.39	7.02
HOOD	47.92	44.23	7.85	47.35	44.68	7.97
HUNT	52.17	40.28	7.54	50.68	42.37	6.95
JOHNSON	54.08	38.51	7.41	52.37	41.99	5.63
KAUFMAN	50.59	40.85	8.56	50.40	41.12	8.48
NAVARRO	47.68	42.56	9.76	47.47	44.09	8.45
PARKER	50.80	42.39	6.79	48.88	44.46	6.63
ROCKWALL	52.99	38.95	8.06	52.36	39.45	8.19
SOMERVELL	48.54	42.07	9.39	46.75	44.00	9.25
TARRANT	50.82	38.30	10.87	49.91	40.24	9.84
WISE	49.99	44.73	5.28	50.18	44.82	5.00

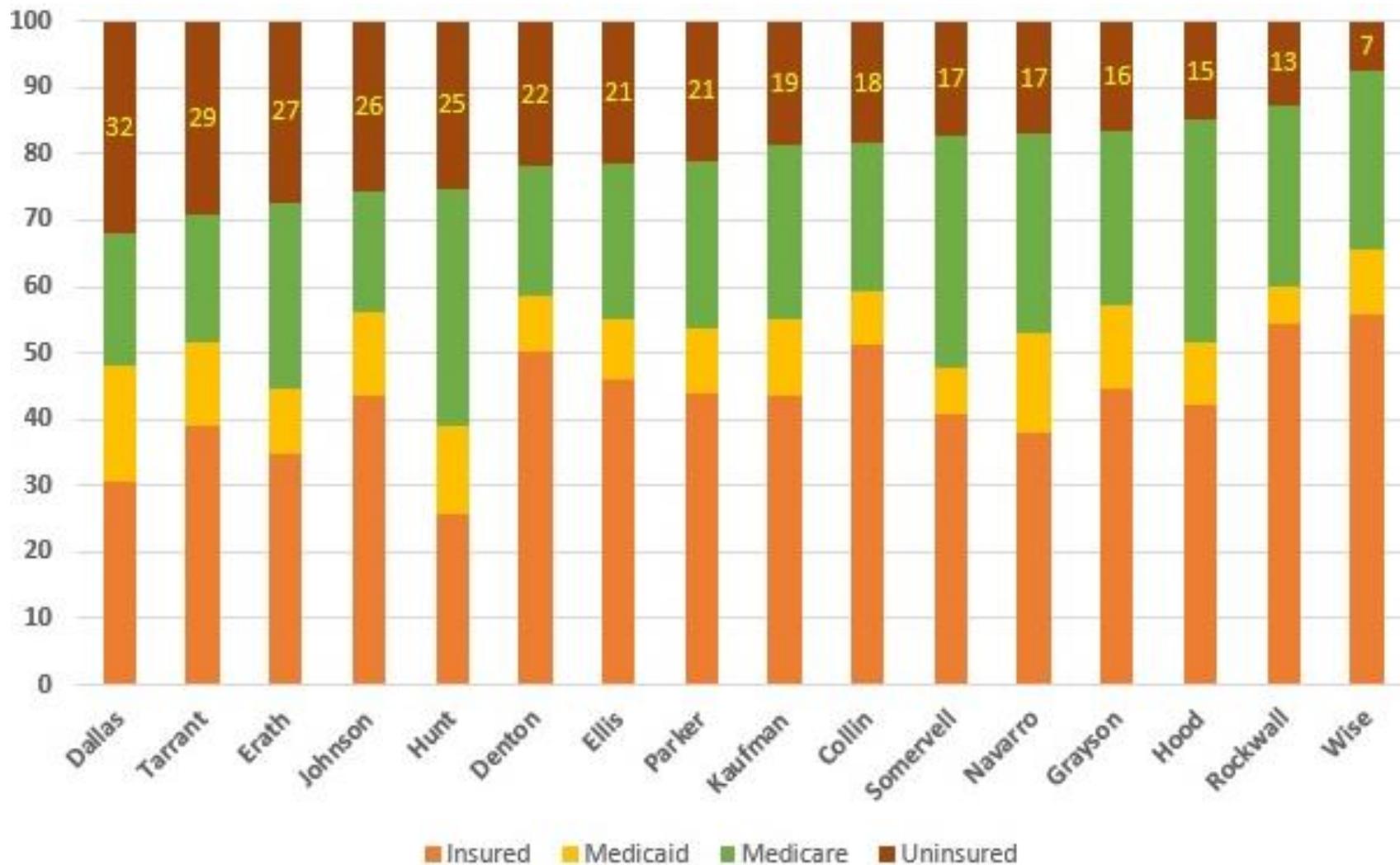
Race Distribution of BH Visits (%)

County	Race (%)				
	White	Black	Other	American Indian	Asian
Collin	72.5	11.6	12.7	0.2	3.1
Dallas	52.3	34.6	11.3	0.2	1.6
Denton	91.4	2.9	4.9	0.2	0.6
Ellis	78.5	12.9	8.4	0.1	0.1
Erath	71.2	10.1	16.4	0.1	2.1
Grayson	65.5	11.8	22.3	0.2	0.2
Hood	90.5	1.2	7.6	0.3	0.4
Hunt	76.0	10.2	13.1	0.1	0.6
Johnson	88.5	1.3	10.0	0.0	0.2
Kaufman	58.7	14.2	26.8	0.2	0.2
Navarro	83.4	3.9	12.2	0.2	0.3
Parker	87.8	0.6	11.3	0.0	0.3
Rockwall	52.4	3.5	43.6	0.0	0.6
Somervell	85.8	0.9	13.1	0.1	0.2
Tarrant	95.1	1.7	2.4	0.1	0.8
Wise	63.2	23.0	12.1	0.2	1.6

Ethnicity Distribution of BH Patients Visits (%)

County	Hispanic/Latino	Non-Hispanic/Latino	Unknown Ethnicity
Collin	7.17	92.77	0.02
Dallas	17.75	82.20	0.02
Denton	6.44	93.50	0.03
Ellis	11.02	88.82	0.10
Erath	1.23	98.40	0.14
Grayson	4.67	95.21	0.04
Hood	4.05	95.13	0.78
Hunt	1.29	98.68	0.00
Johnson	3.49	96.29	0.17
Kaufman	3.85	96.07	0.03
Navarro	9.98	89.78	0.16
Parker	2.40	96.98	0.48
Rockwall	4.02	95.93	0.00
Somervell	2.91	96.28	0.49
Tarrant	10.5	89.12	0.33
Wise	5.03	94.80	0.08

Payer Status of BH Patients (%)



Community Health Indicators

Counties	Age-adjusted Death Rate due to suicide (deaths per 100,000 population)	Depression: Medicare Population	Frequent Mental Distress	Poor Mental Health: 14+ Days
	2010-2014	2015	2015	2014
Collin	10.6	17.3	8.6	10.4
Dallas	10.4	18.2	10.7	12.2
Denton	9.8	19.2	9.0	11.1
Ellis	11.2	18.9	10.0	12.7
Erath	15.8	17.4	11.6	11.4
Grayson	17.8	19.2	13.9	13.8
Hood	14.7	17.6	9.9	11.6
Hunt	14.9	21.5	11.2	15.2
Johnson	16.4	21.8	12.1	15.8
Kaufman	13.3	18.6	10.3	11.2
Navarro	14.6	18.6	11.7	14.1
Parker	15.8	18.8	12.7	14.8
Rockwall	12.2	17.8	9.2	13.2
Somervell	N/A	19.2	10.3	12.6
Tarrant	10.9	20.2	10.4	11.2
Wise	11.6	18.1	10.1	10.2

Provider Capacity – Psychiatry & Psychology

Psychiatrists (2015):

2,052 in state; 1,933 in 2013

at a ratio of 13,794.4 Texans per psychiatrist;

12.7 % increase in 10 yr (adjusted growth)

One child psychiatrist per 12,122 children in Texas. Only 357
Psychiatry residencies in Texas including 53 Child/Adolescent

Only 325 new child psychiatrist graduates are produced
nationally each year



Provider Capacity – Counselors & Therapist

Licensed Professional Counselors (LPC):

22,366 in state (2015);

38% increase in 10 yr (adjusted growth)

Marriage and Family Therapists (MFT):

3,215 in state (2015);

4.5% decreased in 10 yr (adjusted growth)

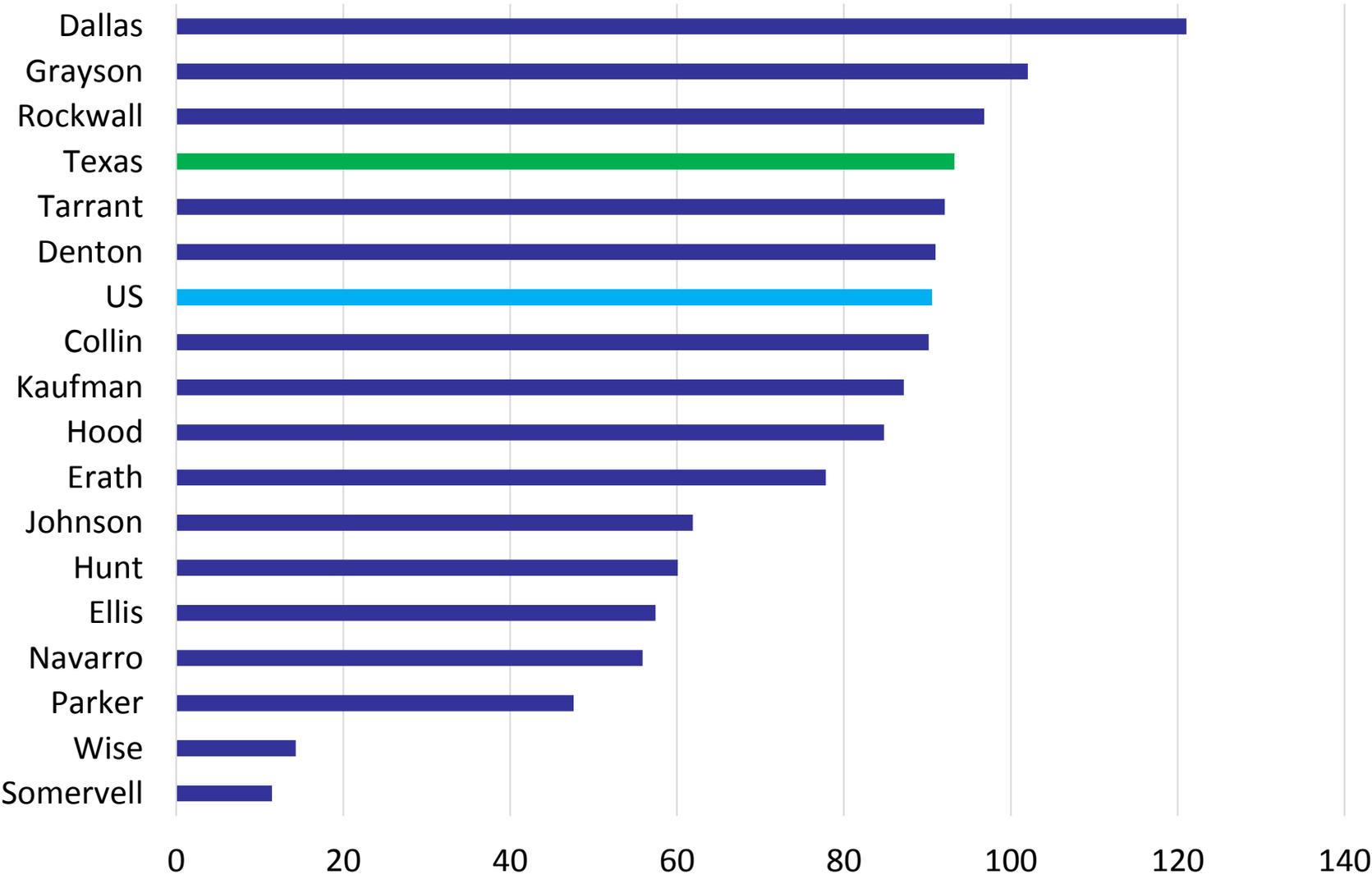
Licensed Chemical Dependency Counselors (LCDC): 9,752 in

state;

48% increase in 10 yr (adjusted growth)



BH Care Providers Per 100,000 Population



Non- Hospital BH Providers

County	Providers
Collin	Lifepath Systems
Dallas	North Texas Behavioral Health Authority (NTBHA), Metrocare Services
Denton	MHMR Denton and UBH Denton
Ellis	NTBHA, Lakes Regional MHMR Center, APN Behavioral Healthcare LLC, Ellis County Psychological Services
Erath	Pecan Valley Mental Health Center
Grayson	MHMR Texoma, Child & Family Guidance Center of Texoma, Lakes Regional Center, Grayson County Counseling Services
Hood	Pecan Valley Centers, Hood County Counseling Center
Hunt	NTBHA, Lakes Regional Center, Crisis Center Northeast Texas
Johnson	Pecan Valley Centers, Johnson County Mental Health Center
Kaufman	NTBHA, Lakes Regional Center
Navarro	NTBHA, Lakes Regional Center
Parker	Pecan Valley Centers
Rockwall	NTBHA, Lakes Regional Center
Somervell	Pecan Valley Centers
Tarrant	MHMR Tarrant County, Mental Health Connection, Challenge of Tarrant County
Wise	Helen Farabee Regional MHMR Centers (Wichita Falls), Wise Regional (Behavioral) Health

Hospital Psych Bed Capacity

County	Total Psych Care Bed	Number of Psych Hospitals	Number of Acute Hospitals with Psych Care Beds
Collin	197	3	3
Dallas	686	5	7
Denton	178	1	1
Ellis	0	0	0
Erath	0	0	0
Grayson	80	0	2
Hood	0	0	0
Hunt	70	1	1
Johnson	0	0	0
Kaufman	288	1	0
Navarro	0	0	0
Parker	12	0	1
Rockwall	0	0	0
Somervell	0	0	0
Tarrant	536	5	5
Wise	20	0	1
Total	2,067	16	21

Primary Data Collection – In process as of Jan 2018

Providers Survey requesting provider input in 16 counties in four areas:

- Mental Health First Aid training
- Use of Trauma-Informed Care models
- Use of a model called SBIRT (Screening, Brief Intervention, Referral to Treatment)
- Overall community capacity for meeting local demands for substance use and mental health treatment.

Consumer Survey: Adults and Youth

- Access
- Quality and Appropriateness of Services
- Participation in Treatment Planning and Outcomes
- General Satisfaction
- Functioning and Social Connectedness

Key Findings from this Needs Assessment

- Nearly **1.2 M (1,175,779)** BH related hospital visits (one or more BH diagnosis code) by **609,570** patients in 2016.
- 53% visits had mental health diagnosis, 36% had substance misuse diagnosis and 11% had both.
- **\$21.9 Billion total charges filed by hospitals in 2016.**
- Johnson, Hunt, Wise and Ellis Counties had higher rates of visits than others. Grayson, Navarro, Collin, Rockwall and Ellis Counties had more pediatric (<12) visits with BH diagnosis than others.
- **Dallas County had the highest number of BH visits (32%) by uninsured patients whereas Wise County had only 7% uninsured visits.**

Key Findings from this Needs Assessment

- More Females visited hospitals (BH diagnosis) than males in all 16 counties. More visits by 40-60 yr and 60+ age groups.
- Most of the counties have BH provider capacity below national and state average. Counties with metropolitan statistical (MSA) areas have more providers than non-MSA.
- Seven counties have 0 Psych care beds in hospitals and 10 counties have 0 Psych hospitals.
- Dallas and Tarrant Counties cover >60 % of total Psych care beds capacity in the region.
- The State of Texas is a federally designated Mental Health Professional Shortage Area (MHPSA)- DSHS

Suggested Strategies

Collaborative Community Based Efforts - with local partners and faith-based organizations to address specific disparities associated with behavioral health.

Capacity and Access- Improve access to behavioral health care by integrating with primary and specialty care especially in rural areas.

Education and Training – Providing Mental Health First Aid training to community health workers and residents to serve as a sustainable resource in local communities.

Care Coordination- Organized culturally competent patient care activities and sharing of information across all patient care participants.

Key Components Across Strategies

- Technology in Healthcare
 - Promoting Telehealth/Telepsych
 - Use of technology to improve health outcomes
 - Health Information Sharing Strategies
- Addressing Social Determinants of Behavioral Health
- Advancing BH Nursing and Allied Health Workforce
- Policy Recommendations

County Specific Strategies

Understanding characteristics of BH patients.

Identifying specific disparities and subpopulations at zip codes level.

Developing local collaborative partnerships to address issues related to BH.

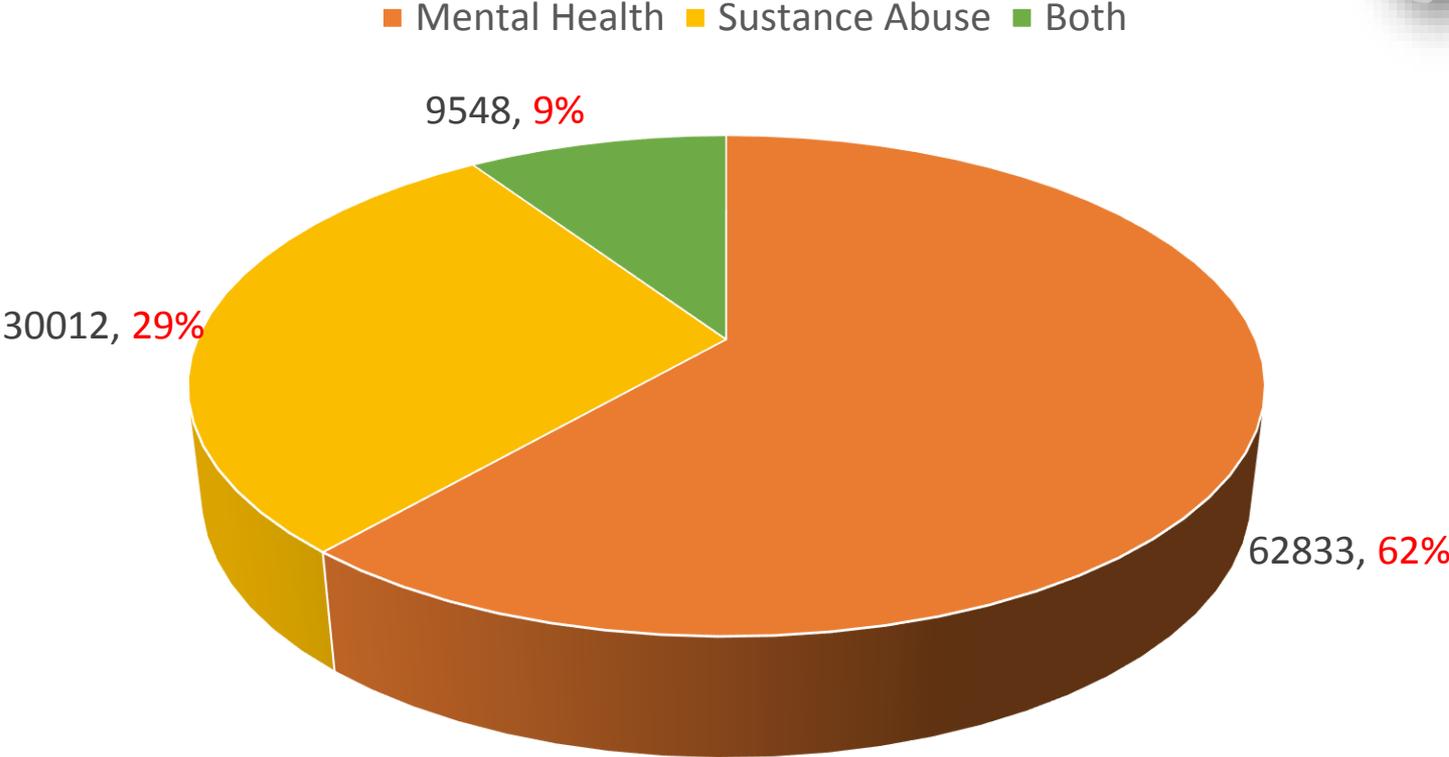
Promoting education and trainings like Mental Health First Aid for prevention and early detection.

Establishing partnerships with other counties on common initiatives, funding sources and policy efforts.



Collin County

Mental Health & Substance Misuse



Behavior Health Visits in Collin County 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Collin County 2016

Total Cases (N)	102,393	
Charges (Dollars; Average charges filed per visit)	24,103	
Gender (N, %)		
Females	50,102	48.93
Males	41,955	40.97
X	10,336	10.09
Admission Type (N, %)		
Outpatients	74,811	73.06
Inpatients	27,582	26.94
Discharge Status (N, %)		
Discharged to Home	86,331	84.31
Discharged/Transfer	12,070	11.79
Still Patient or Expected to Return	809	0.79
Unknown	598	0.58
Left Against Medic	1,241	1.21
Expired	639	0.62
Hospice - home	375	0.37
Hospice – medical facility	253	0.25
Admitted as an Inpatient	77	0.08

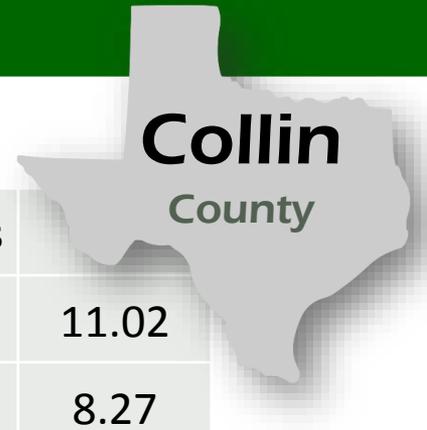
Top 10 diagnosed diseases after discharge were chest pain, depressive disorder, urinary tract infection, coronary atherosclerosis of native coronary artery, nondependent alcohol abuse, unspecified drunkenness, septicemia, pneumonia, organism unspecified, headache, anxiety state, and autistic disorder.

Race- Ethnicity Crosswalk



Race- Ethnicity	Collin County
American Indian non-Hispanic	166
Asian non-Hispanic	3,079
Black non-Hispanic	11,814
Other non-Hispanic	9,615
UNKNOWN non-Hispanic	33
White non-Hispanic	70,281
Hispanic	7,337
Total	102,325

Top 10 Zip Codes

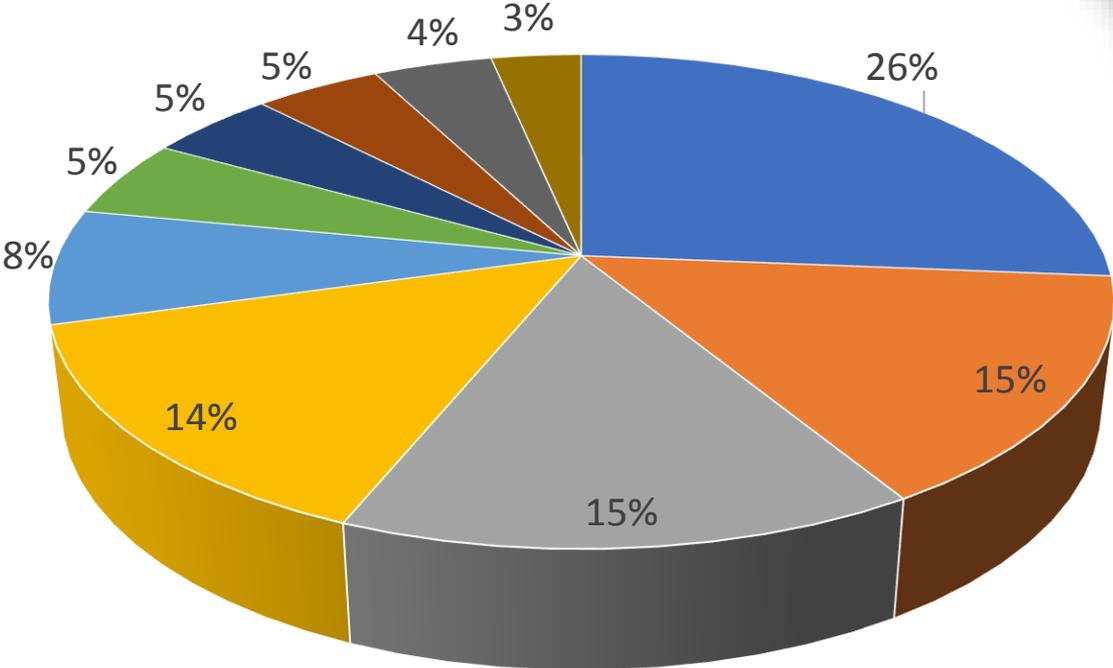


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	
1	XXXXX	10,336	10.09	1	XXXXX	6,929	11.02
2	75070	8,289	8.1	2	75070	5,202	8.27
3	75002	6,943	6.78	3	75002	4,027	6.4
4	75069	6,349	6.2	4	75069	3,714	5.91
5	75287	5,988	5.85	5	75287	3,672	5.84
6	75023	5,392	5.27	6	75071	3,201	5.09
7	75071	5,140	5.02	7	75023	3,193	5.08
8	75074	4,731	4.62	8	75075	2,985	4.75
9	75075	4,710	4.6	9	75074	2,923	4.65
10	75098	4,643	4.53	10	75098	2,859	4.55

Patient Migration



Top 10 hospitals with BH patients visits in 2016

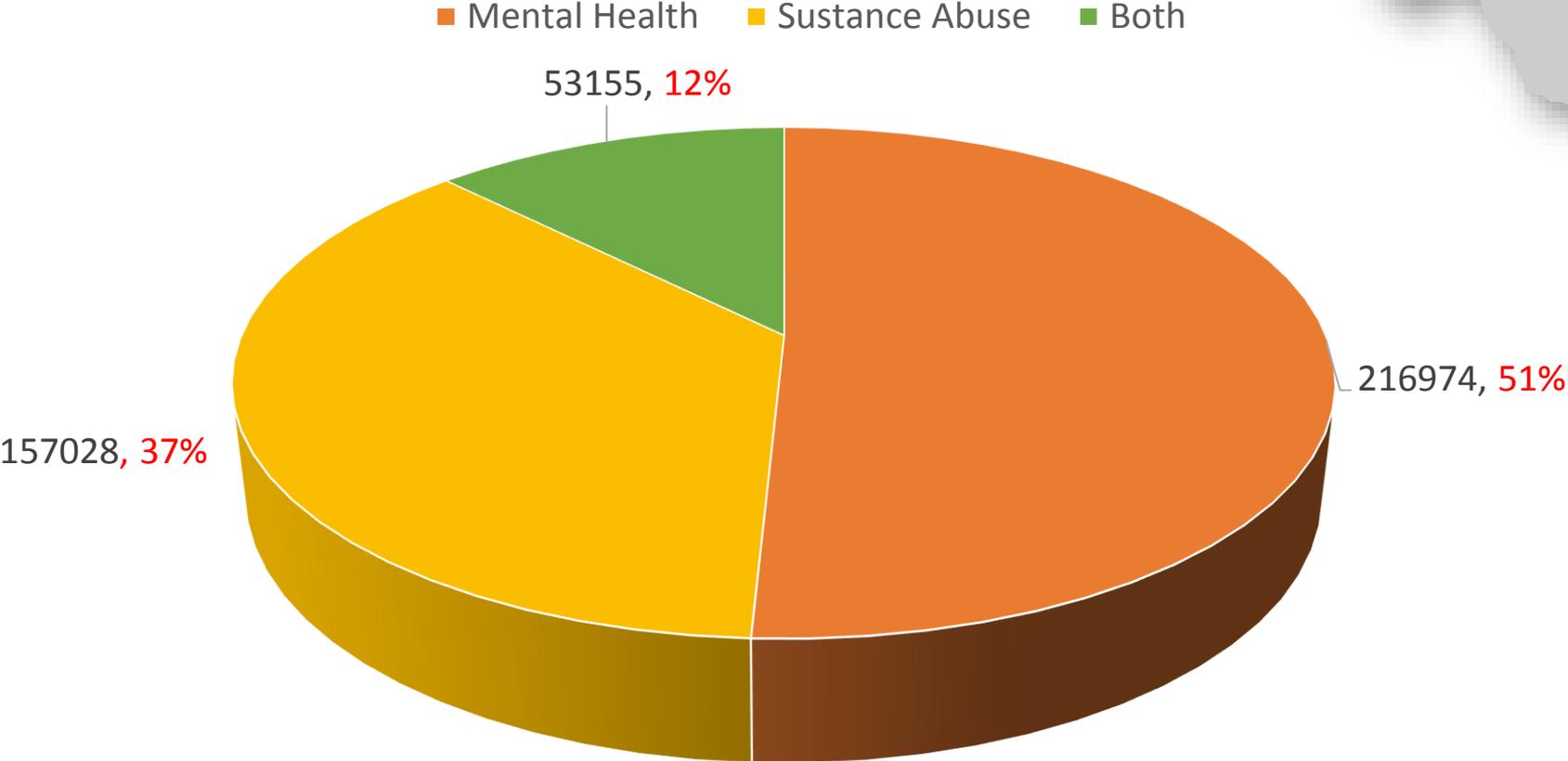


- Texas Health Presbyterian
- Medical Center of McKinney
- Baylor Medical Center at M
- Medical Center of Plano
- Baylor Regional Medical Ce
- UTSW Medical Center Univer
- The Heart Hospital Baylor
- Centennial Medical center
- Childrens Medical Center L
- Our Childrens House



Dallas County

Mental Health and Substance Misuse



Behavior Health Visits in Dallas County 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Dallas County 2016

Total Cases (N)	427157	
Charges (Dollars; Average Charges Filed)	17953	
Gender (N, %)		
Females	50102	48.93
Males	41955	40.97
X	10336	10.09
Admission Type (N, %)		
Outpatients	74811	73.06
Inpatients	27582	26.94
Discharge Status (N, %)		
Discharged to Home	86331	84.31
Discharged/Transfer	12070	11.79
Still Patient or Expected to Return	809	0.79
Unknown	598	0.58
Left Against Medic	1241	1.21
Expired	639	0.62
Hospice - home	375	0.37
Hospice – medical facility	253	0.25
Admitted as an Inpatient	77	0.08

Top 10 diagnosed diseases after discharge were chest pain, urinary tract infection, septicemia, hypertension, congestive heart failure, headache, obstructive chronic bronchitis with (acute) exacerbation, abdominal pain, depressive disorder, and anxiety state

Race Ethnicity Crosswalk



Race	Dallas County
American Indian non-Hispanic	644
Asian non-Hispanic	6,434
Black non-Hispanic	147,105
Other non-Hispanic	35,021
Unknown non-Hispanic	32
White non-Hispanic	161,897
Hispanic	75,833
Total	426,967

Top 10 Zip Codes

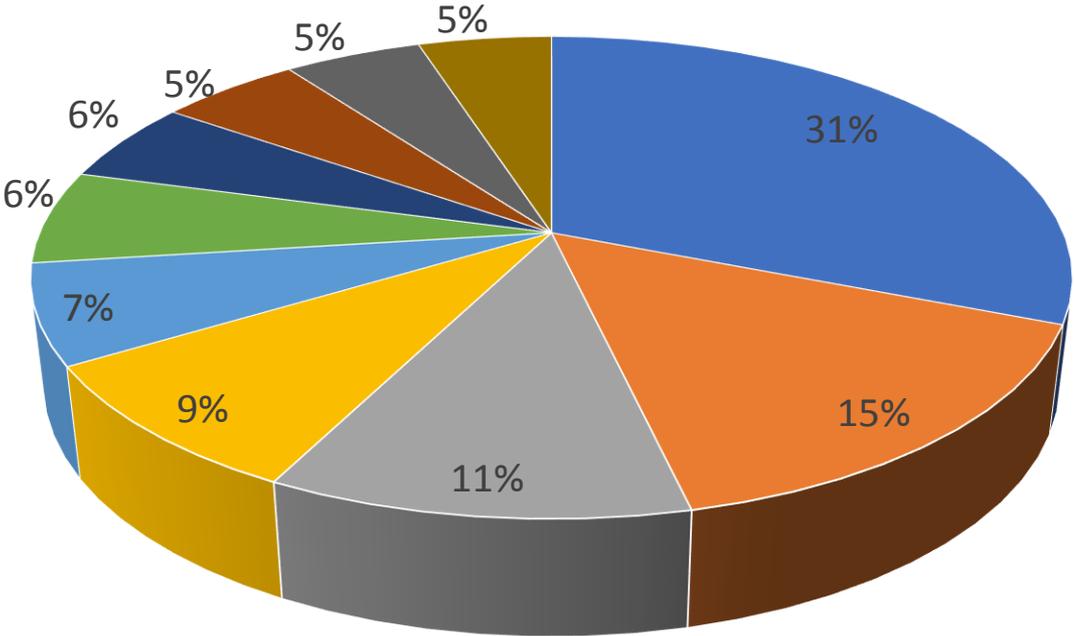


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	75216	14,561	4.05	1	75216	7,845	3.77
2	75217	12,692	3.53	2	75217	7,407	3.56
3	75228	10,946	3.05	3	75228	6,357	3.06
4	75243	10,403	2.9	4	75243	6,130	2.95
5	75061	8,759	2.44	5	75052	5,304	2.55
6	75211	8,747	2.43	6	75043	5,156	2.48
7	75043	8,695	2.42	7	75040	5,064	2.43
8	75040	8,665	2.41	8	75211	5,024	2.42
9	75052	8,514	2.37	9	75061	4,943	2.38
10	75241	8,479	2.36	10	75227	4,714	2.27

Patient Migration



Top 10 Hospitals with BH patients visits in 2016

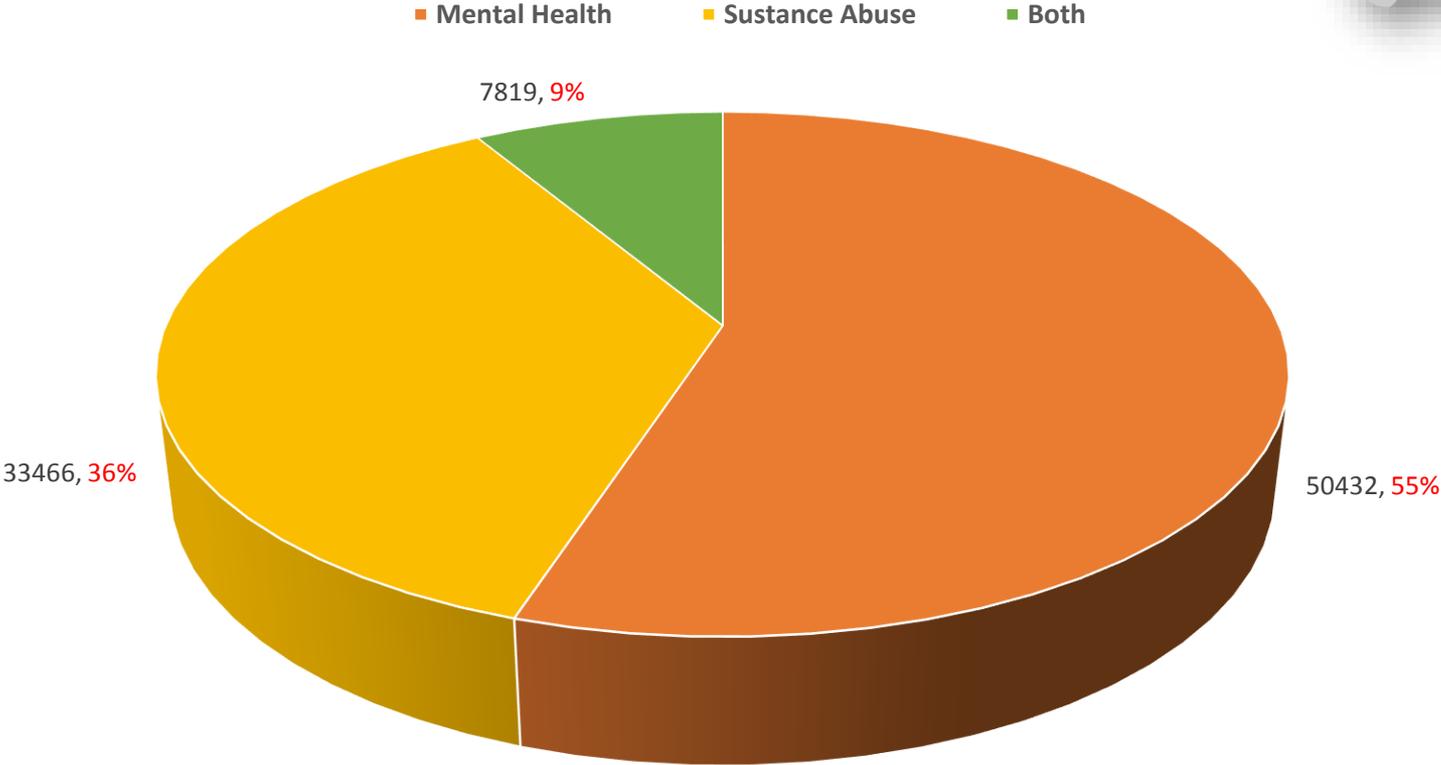


- Parkland Health & Hospital
- Baylor University Medical
- Texas Health Presbyterian
- UTSW MedicalCenter Univer
- Baylor MedicalCenter at I
- Baylor MedicalCenter at G
- Methodist Charlton Medical
- Medical City Dallas
- Green Oaks Hospital
- Methodist Dallas Medical C

Denton County



Mental Health & Substance Misuse



Behavior Health Patients in Denton 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Denton County 2016

Total Cases (N)	91717	
Total Charges (Million Dollars)	2037	
Gender (N, %)		
<i>Females</i>	47507	51.80
<i>Males</i>	36758	40.08
<i>X</i>	7451	8.12
<i>Unknown</i>	1	0.00
Admission Type (N, %)		
<i>Outpatients</i>	68956	75.18
<i>Inpatients</i>	22761	24.82
Discharge Status (N, %)		
<i>Discharged to Home</i>	79115	86.26
<i>Transferred</i>	9374	10.22
<i>Left Against Medic</i>	1193	1.30
<i>Hospice</i>	622	0.68
<i>Expired</i>	537	0.59
<i>Still Patient or Expected to Return</i>	427	0.47
<i>Unknown</i>	384	0.42
<i>Admitted as an Inpatient</i>	65	0.07

Race- Ethnicity Crosswalk



Race-Ethnicity	Denton County
American Indian non-Hispanic	107
Asian non-Hispanic	1,889
Black non-Hispanic	9,242
Other non-Hispanic	11,715
UNKNOWN non-Hispanic	9
unknown non-Hispanic	
White non-Hispanic	62,790
Hispanic	5,904
Total	85,752

Top 10 Zip Codes

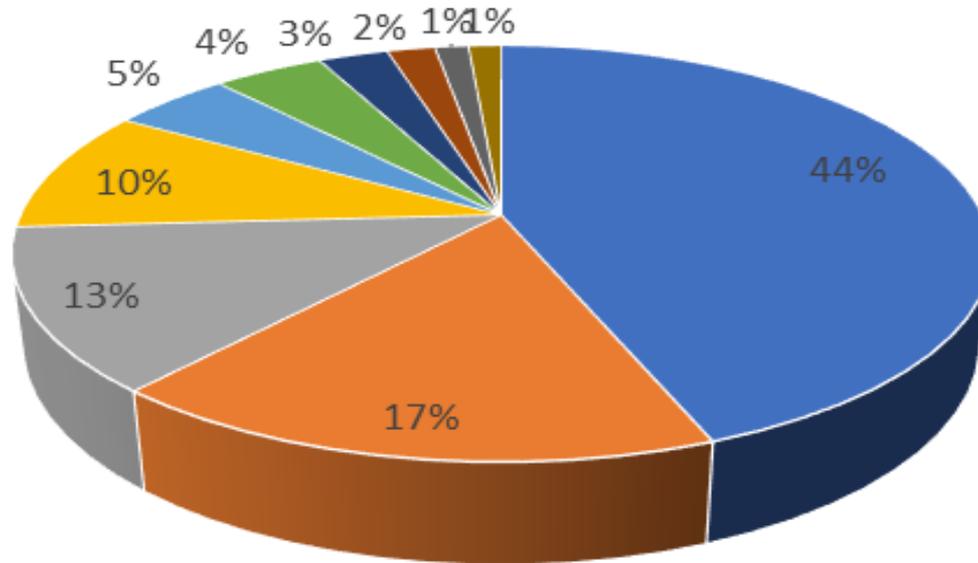


Rank	Zip Code	Visit	%	Rank	Zip Code	Patients	
1	75067	8548	10.15	1	75067	5276	10.46
2	75056	6208	7.37	2	75056	3654	7.25
3	75007	5928	7.04	3	75007	3547	7.03
4	76209	4943	5.87	4	76210	3129	6.2
5	76210	4876	5.79	5	75028	2773	5.5
6	75028	4400	5.23	6	76209	2739	5.43
7	75068	4259	5.06	7	75068	2575	5.11
8	76201	4198	4.99	8	75077	2540	5.04
9	76208	4080	4.85	9	76201	2391	4.74
10	75077	4056	4.82	10	76208	2313	4.59

Patient Migration



Top 10 hospitals of Denton patients with behavioral issues visited in 2016



- Texas Health Presbyterian
- Denton Regional Medical Center
- Medical Center of Lewisville
- Baylor Medical Center at Carrollton
- Baylor Regional Medical Center
- UTSW Medical Center University of Texas at Southwestern
- Texas Health Harris Methodist
- The Heart Hospital Baylor
- Childrens Medical Center at Lewisville
- Childrens Medical Center

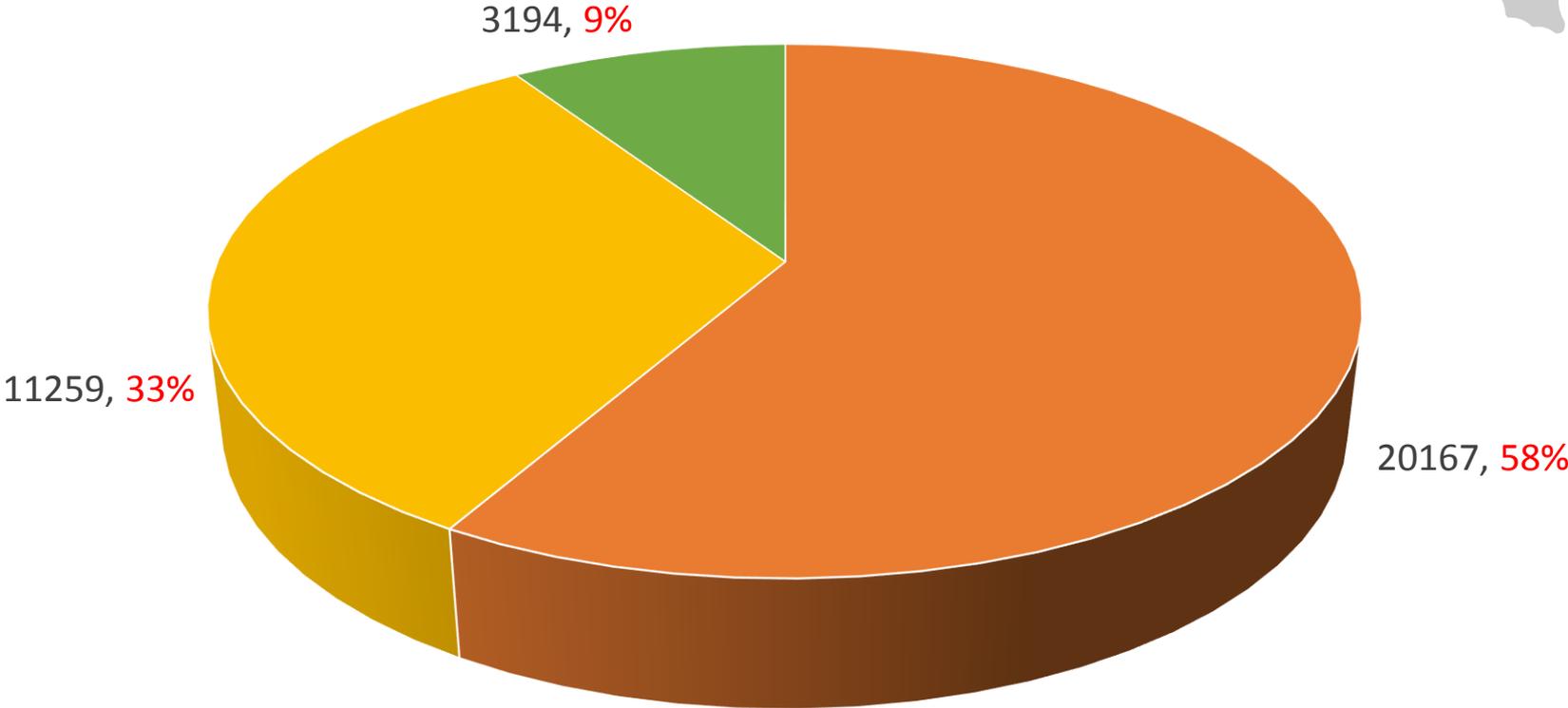


Ellis County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Ellis 2016

Patient Characteristics

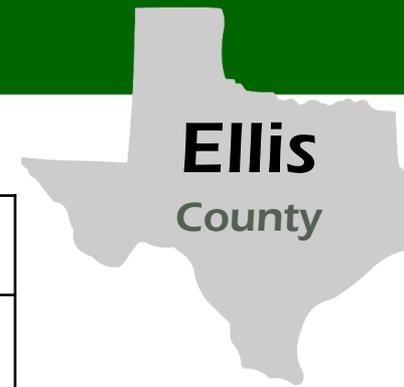


Table 1. Characteristics of Patients with Mental Health or Substance Abuse issues in Ellis County 2016

Total Cases (N)		34620
Charges (Dollars; Mean, Range)		13696
Gender (N, %)		
<i>Females</i>	18036	52.10
<i>Males</i>	14097	40.72
<i>X</i>	2485	7.18
<i>Unknown</i>	2	0.01
Admission Type (N, %)		
<i>Outpatients</i>	28627	82.69
<i>Inpatients</i>	5993	17.31
Discharge Status (N, %)		
<i>Discharged to Home</i>	29931	86.46
<i>Transferred</i>	2924	8.45
<i>Still Patient or Expected to Return</i>	961	2.78
<i>Left Against Medic</i>	367	1.06
<i>Expired</i>	175	0.51
<i>Hospice</i>	169	0.49
<i>Unknown</i>	75	0.22
<i>Admitted as an Inpatient</i>	18	0.05

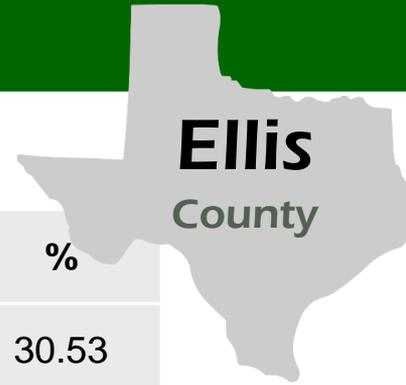
Top 10 diagnosed diseases after discharge were chest pain, urinary tract infection, special screening for malignant neoplasms (colon), obstructive chronic bronchitis with (acute) exacerbation, unspecified septicemia, acute upper respiratory infections of unspecified site, headache, anxiety state, unspecified acute bronchitis, and other developmental speech or language disorder.

Race – Ethnicity Crosswalk



Race-Ethnicity	Ellis County
American Indian non-Hispanic	55
Asian non-Hispanic	58
Black non-Hispanic	4,053
Other non-Hispanic	6,767
UNKNOWN non-Hispanic	9
unknown non-Hispanic	
White non-Hispanic	19,806
Hispanic	3,816
Total	30,784

Top 10 Zip Codes

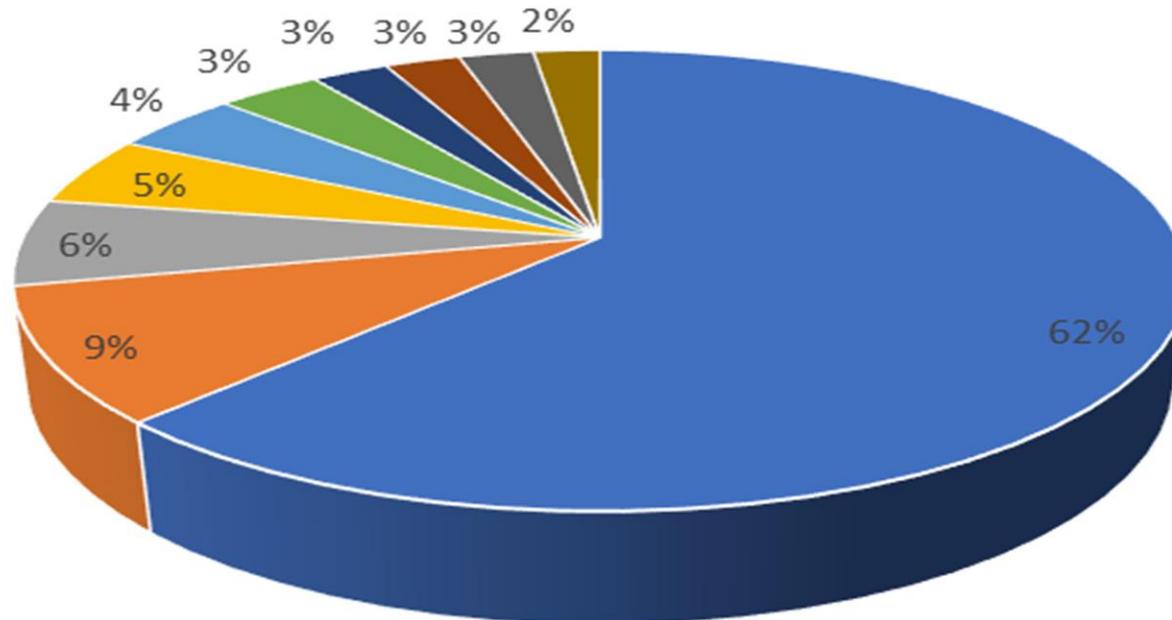


Rank	Zip Code	Visits	%	Rank	Zip code	Patients	%
1	75165	10437	32.61	1	75165	5592	30.53
2	75154	6133	19.16	2	75154	3701	20.21
3	76065	4782	14.94	3	76065	2808	15.33
4	75119	4743	14.82	4	75119	2792	15.24
5	75167	1415	4.42	5	75167	818	4.47
6	75125	1208	3.77	6	75125	702	3.83
7	75152	1036	3.24	7	75152	585	3.19
8	76651	986	3.08	8	76651	513	2.8
9	76064	386	1.21	9	76064	240	1.31
10	76670	241	0.75	10	76670	169	0.92

Patient Migration



Top 10 hospitals of Ellis patients with behavioral issues visited in 2016



- Baylor Medical Center at W
- Ennis Regional Medical Cen
- Baylor University Medical
- Methodist Mansfield Medica
- Methodist Charlton Medical
- UTSW Medical Center Univer
- Parkland Health & Hospital
- Our Childrens House
- Baylor Surgery Center at W
- Childrens Medical Center

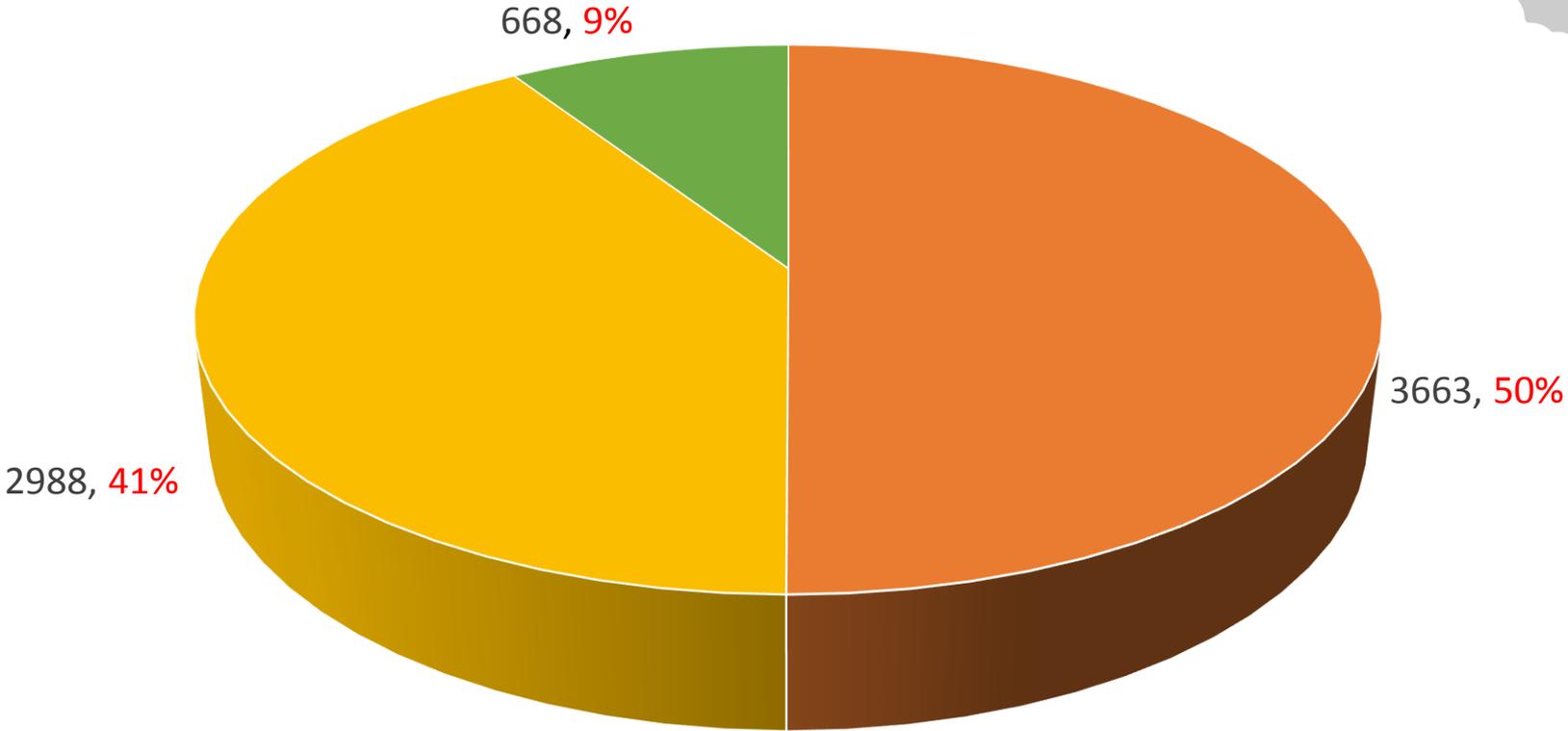


Erath County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Erath 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Erath County 2016

Total Cases (N)	7319	
Charges (Dollars; Mean, Range)	15483	
Gender (N, %)		
<i>Females</i>	3754	51.29
<i>Males</i>	3183	43.49
<i>X</i>	382	5.22
Admission Type (N, %)		
<i>Outpatients</i>	5743	78.47
<i>Inpatients</i>	1576	21.53
Discharge Status (N, %)		
<i>Discharged to Home</i>	6058	82.77
<i>Transferred</i>	1087	14.85
<i>Left Against Medic</i>	74	1.01
<i>Expired</i>	49	0.67
<i>Hospice</i>	43	0.59
<i>Still Patient or Expected to Return</i>	5	0.07
<i>Admitted as an Inpatient</i>	2	0.03
<i>Unknown</i>	1	0.01

Top 10 diagnosed diseases after discharge were chest pain, nuclear sclerosis, pneumonia (organism unspecified), acute bronchitis, obstructive chronic bronchitis with (acute) exacerbation, unspecified septicemia, nausea with vomiting, atrial fibrillation, urinary tract infection (site not specified), and congestive heart failure.

Race-Ethnicity Crosswalk



Race-Ethnicity	Erath County
American Indian non-Hispanic	4
Asian non-Hispanic	58
Black non-Hispanic	122
Other non-Hispanic	80
UNKNOWN non-Hispanic	
unknown non-Hispanic	
White non-Hispanic	6,938
Hispanic	90
Total	7,202

Top Zip Codes

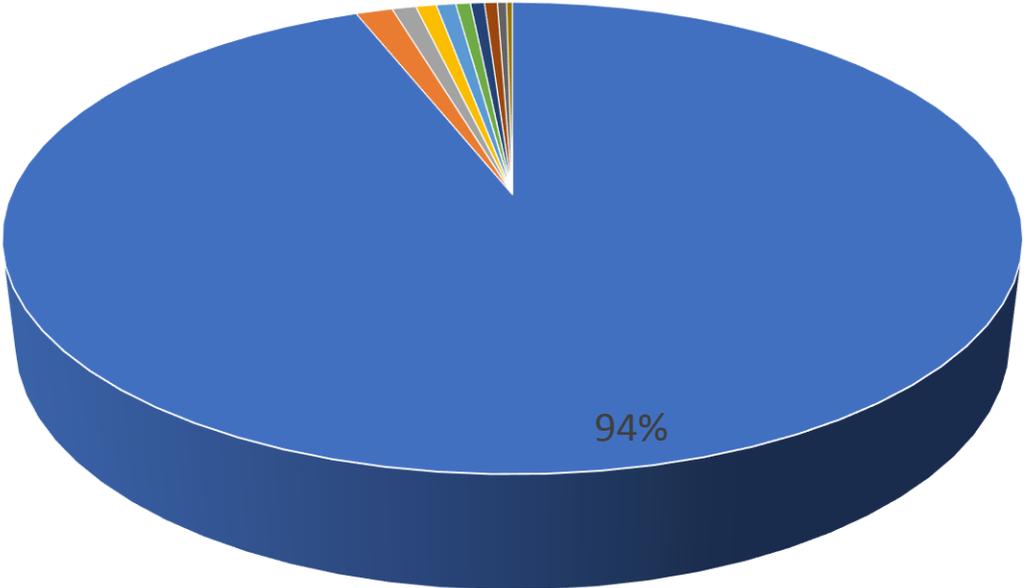


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	76401	5180	75.49	1	76401	2767	74.52
2	76446	1457	21.23	2	76446	831	22.38
3	76433	214	3.12	3	76433	107	2.88
4	76465	11	0.16	4	76465	8	0.22

Patient Migration



Top 10 hospitals of Erath with BH patients visits in 2016



- Texas Health Harris Method
- Baylor All Saints - Fort W
- UTSW Medical Center Univer
- JPS Health Network
- Plaza Medical Center of Fo
- Cook Childrens Health Care
- Texas Health Huguley Hospi
- Texas Health Presbyterian
- Baylor University Medical
- Childrens Medical Center

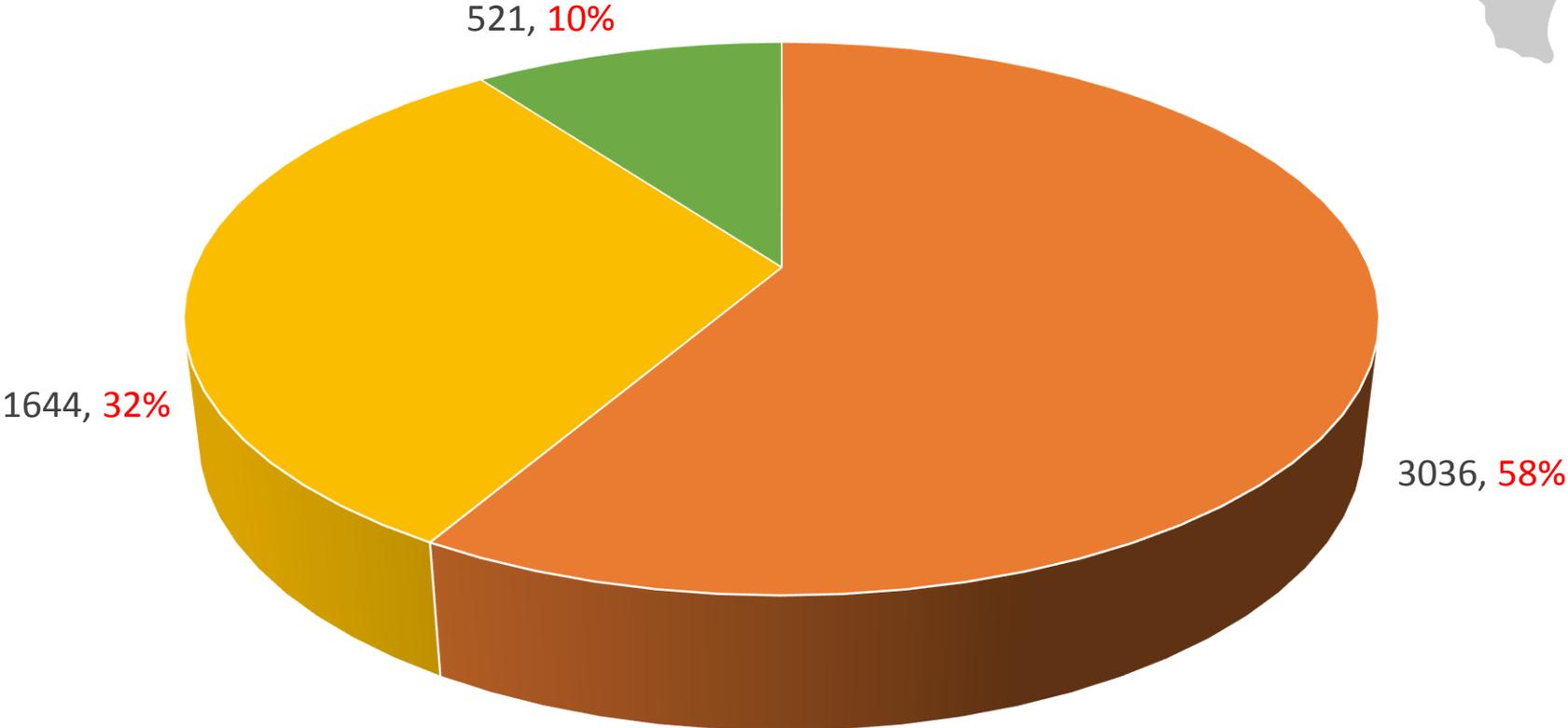
A light gray silhouette of the state of Texas is centered on the page. The text 'Grayson County' is overlaid on the map, with 'Grayson' positioned to the left of the map and 'County' to the right.

Grayson County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Grayson 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Grayson County 2016

Total Cases (N)	5201	
Charges (Dollars; Mean, Range)	38329	
Gender (N, %)		
<i>Females</i>	2562	49.26
<i>Males</i>	2272	43.68
<i>X</i>	366	7.04
<i>Unknown</i>	1	0.02
Admission Type (N, %)		
<i>Outpatients</i>	3630	69.79
<i>Inpatients</i>	1571	30.21
Discharge Status (N, %)		
<i>Discharged to Home</i>	4410	84.79
<i>Transferred</i>	613	11.79
<i>Still Patient or Expected to Return</i>	57	1.10
<i>Left Against Medic</i>	48	0.92
<i>Expired</i>	33	0.63
<i>Hospice</i>	27	0.52
<i>Unknown</i>	11	0.21
<i>Admitted as an Inpatient</i>	2	0.04

Top 10 diagnosed diseases after discharge were coronary atherosclerosis of native coronary artery, chest pain, atrial fibrillation, anorexia nervosa, congestive heart failure, primary localized osteoarthritis (lower leg), headache, urinary tract infection, syncope and collapse, and unspecified septicemia.

Race – Ethnicity Crosswalk



Race - Ethnicity	Grayson County
American Indian non-Hispanic	12
Asian non-Hispanic	12
Black non-Hispanic	198
Other non-Hispanic	539
UNKNOWN non-Hispanic	4
unknown non-Hispanic	
White non-Hispanic	4,187
Hispanic	243
Total	4,952

Top 10 Zip Codes

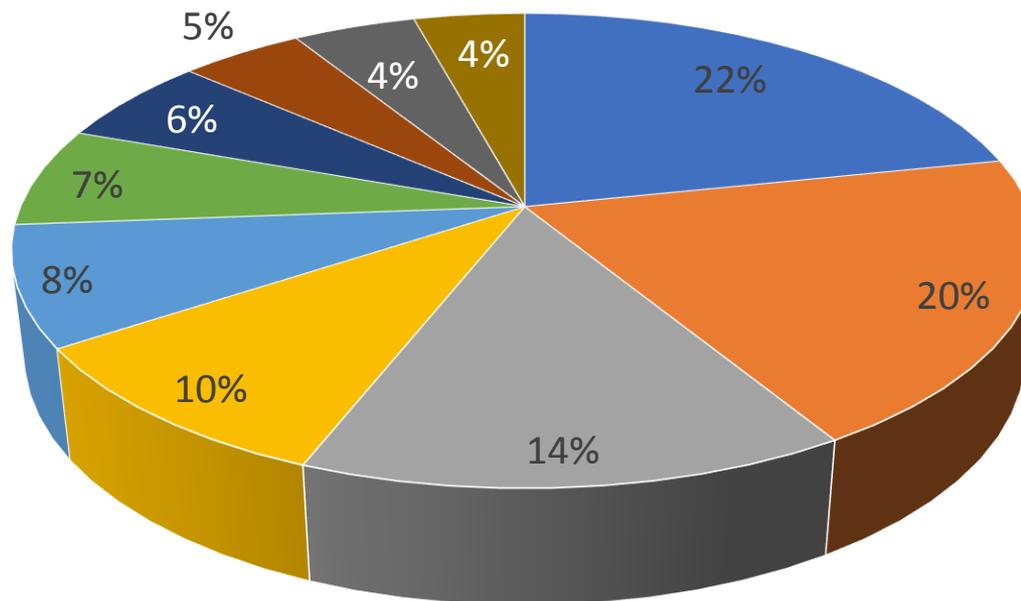


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	75495	813	17.24	1	75495	524	16.16
2	75090	640	13.57	2	75090	456	14.06
3	75092	622	13.19	3	75092	428	13.2
4	75020	598	12.68	4	75020	404	12.46
5	76273	315	6.68	5	76273	243	7.49
6	75491	286	6.06	6	75491	201	6.2
7	75021	237	5.02	7	75076	166	5.12
8	75076	233	4.94	8	75021	159	4.9
9	75459	206	4.37	9	75459	145	4.47
10	76271	202	4.28	10	76233	139	4.29

Patient Migration



Top 10 hospitals of Grayson with BH patients in 2016



- Baylor Medical Center at M
- Texas Health Presbyterian
- Medical Center of McKinney
- UTSW Medical Center Univer
- The Heart Hospital Baylor
- Childrens Medical Center L
- Medical Center of Plano
- Baylor University Medical
- Medical City Dallas
- Denton Regional Medical Ce

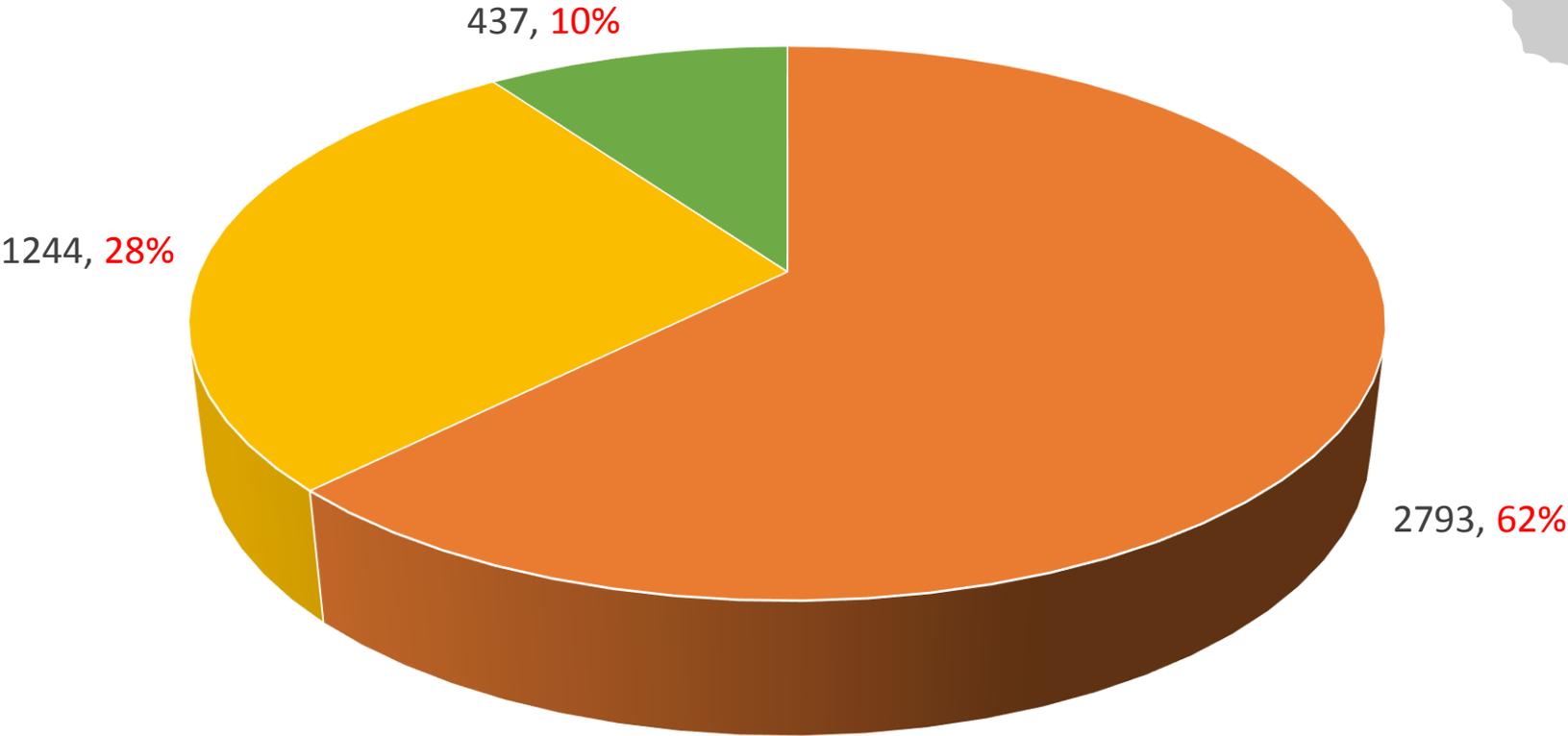


Hood County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Hood 2016

Mental Health & Substance Misuse



Characteristics of Patients with Mental Health or Substance Abuse issues in Hood County 2016

Total Cases (N)	4474	
Charges (Dollars; Mean, Range)	35816	
Gender (N, %)		
<i>Females</i>	2144	47.92
<i>Males</i>	1979	44.23
<i>X</i>	351	7.85
Admission Type (N, %)		
<i>Outpatients</i>	2762	61.73
<i>Inpatients</i>	1712	38.27
Discharge Status (N, %)		
<i>Discharged to Home</i>	3611	80.71
<i>Discharged/Transfer</i>	667	14.91
<i>Expired</i>	59	1.32
<i>Left Against Medic</i>	56	1.25
<i>Hospice</i>	41	0.92
<i>Still Patient or Expected to Return</i>	25	0.56
<i>Admitted as an Inpatient</i>	8	0.18
<i>Unknown</i>	7	0.16

Top 10 diagnosed diseases after discharge were chest pain, coronary atherosclerosis of native coronary artery, atrial fibrillation, unspecified septicemia, primary localized osteoarthritis (lower leg), congestive heart failure, urinary tract infection, acute myocardial infarction (sub endocardial infarction, and initial episode of care), obstructive chronic bronchitis with acute exacerbation, and headache.

Race-Ethnicity Crosswalk



Race - Ethnicity	Hood County
American Indian non-Hispanic	1
Asian non-Hispanic	12
Black non-Hispanic	28
Other non-Hispanic	366
UNKNOWN non-Hispanic	
White non-Hispanic	3,849
Hispanic	181
Total	4,256

Top Zip Codes

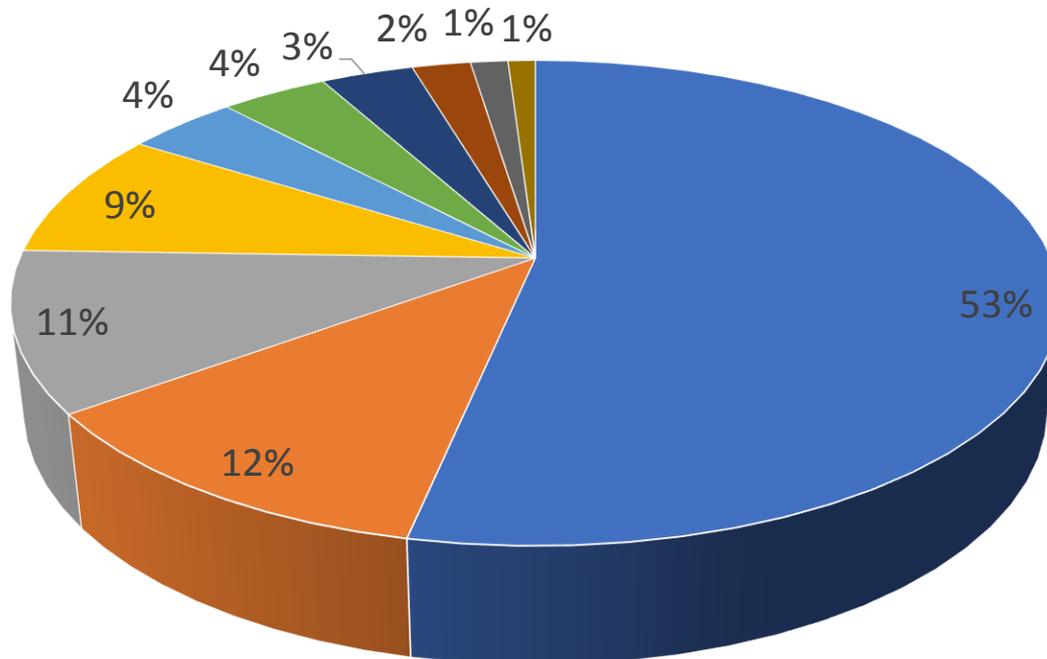


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	76049	1826	40.81	1	76049	1260	40.51
2	76048	1662	37.15	2	76048	1128	36.27
3	XXXXX	353	7.89	3	XXXXX	289	9.29
4	76035	229	5.12	4	76462	149	4.79
5	76462	214	4.78	5	76035	143	4.6
6	76476	152	3.4	6	76476	104	3.34
7	760XX	25	0.56	7	760XX	25	0.8
8	764XX	13	0.29	8	764XX	12	0.39

Patient Migration



Top 10 hospitals of Hood with BH patients visits in 2016

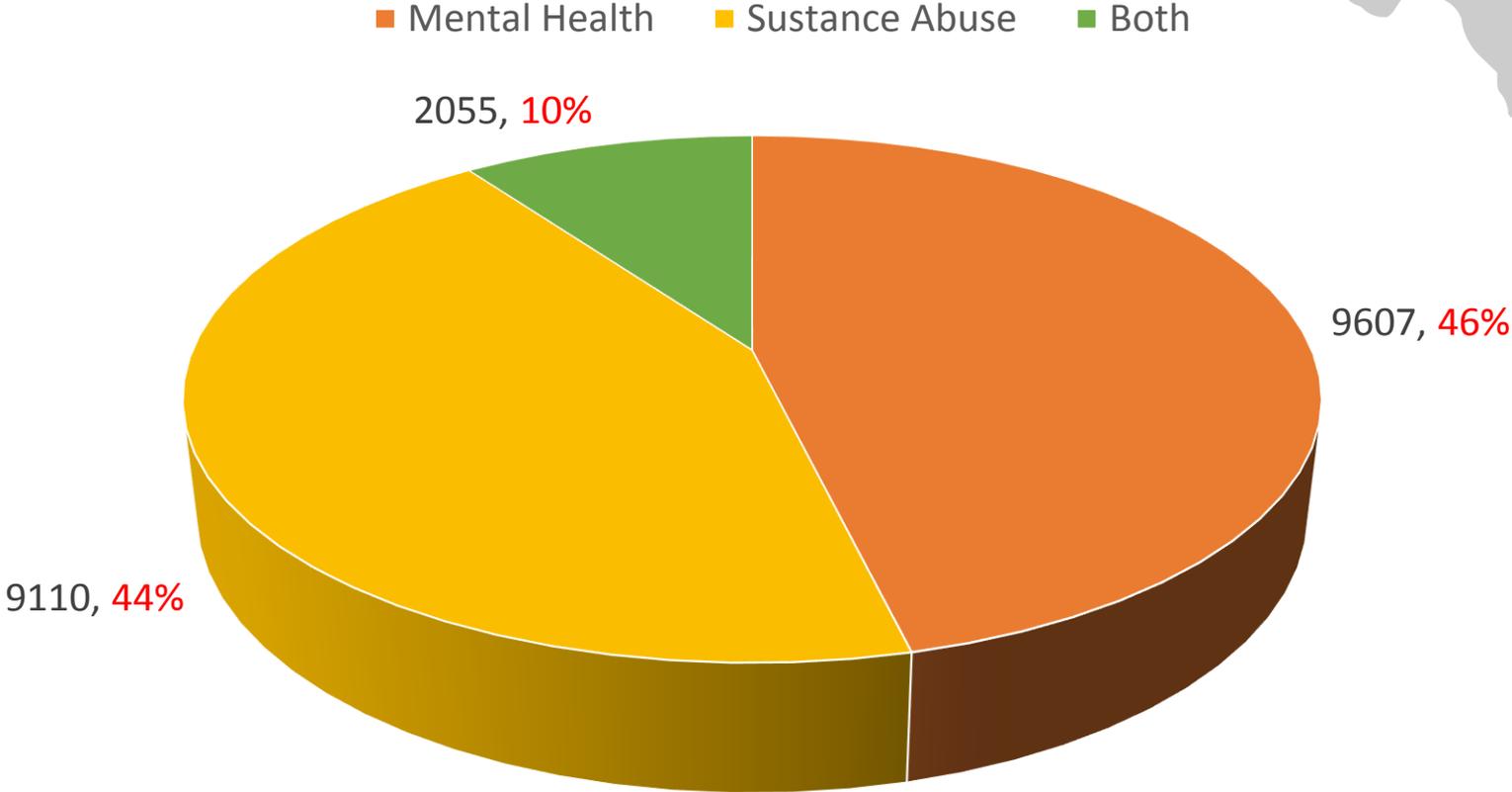


- Texas Health Harris Method
- Plaza Medical Center of Fo
- Cook Childrens Health Care
- Texas Health Huguley Hospi
- Baylor University Medical
- Baylor All Saints - Fort W
- JPS Health Network
- UTSW Medical Center Univer
- Baylor Heart and Vascular
- Texas Health Arlington Mem



Hunt County

Mental Health & Substance Misuse



Behavior Health Patients in Hunt 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Hunt County 2016

Total Cases (N)	20772	
Charges (Dollars; Mean, Range)	15778	
Gender (N, %)		
<i>Females</i>	10837	52.17
<i>Males</i>	8368	40.28
<i>X</i>	1567	7.54
Admission Type (N, %)		
<i>Outpatients</i>	15594	75.07
<i>Inpatients</i>	5178	24.93
Discharge Status (N, %)		
<i>Discharged to Home</i>	17299	83.28
<i>Transferred</i>	2851	13.73
<i>Left Against Medic</i>	283	1.36
<i>Hospice - home</i>	144	0.69
<i>Expired</i>	125	0.60
<i>Still Patient or Expected to Return</i>	43	0.21
<i>Unknown</i>	25	0.12
<i>Admitted as an Inpatient</i>	2	0.01

Top 10 diagnosed diseases after discharge were chest pain, obstructive chronic bronchitis with (acute) exacerbation, acute bronchitis, unspecified septicemia, congestive heart failure, unspecified dental caries, headache, special screening for malignant neoplasms (colon), nausea with vomiting, and coronary atherosclerosis of native coronary artery.

Race-Ethnicity Crosswalk



Race - Ethnicity	Hunt County
American Indian non-Hispanic	18
Asian non-Hispanic	22
Black non-Hispanic	2676
Other non-Hispanic	1630
UNKNOWN non-Hispanic	2
White non-Hispanic	16149
Hispanic	268
Total	20497

Top 10 Zip Codes

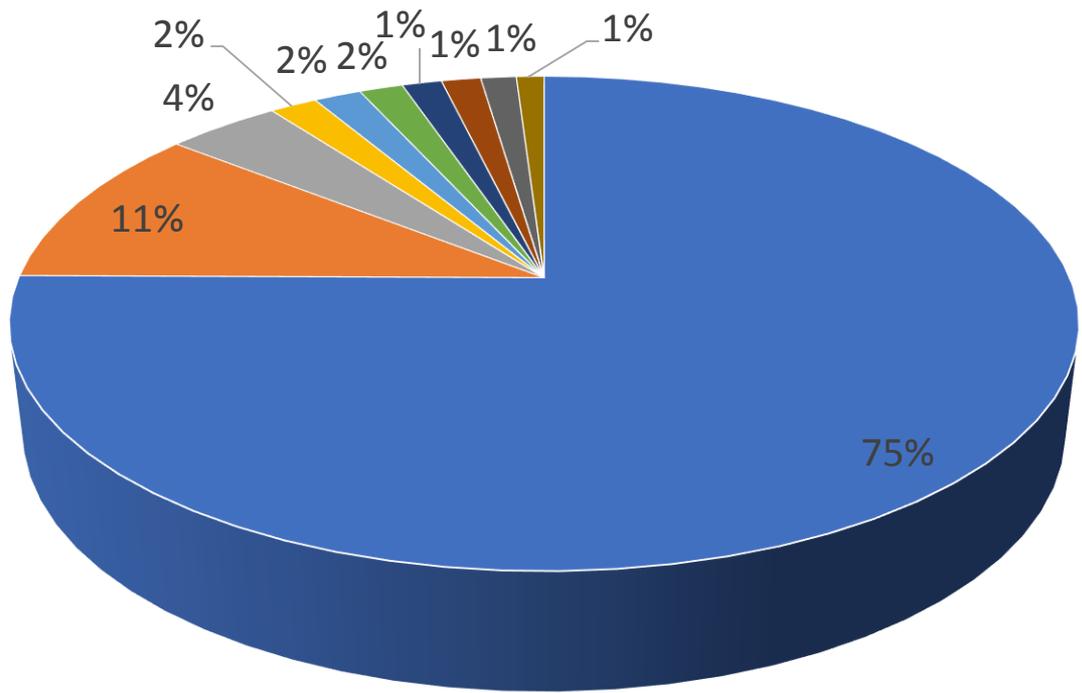


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	75401	6079	31.73	1	75401	3190	29.53
2	75402	4044	21.11	2	75402	2274	21.05
3	75474	3744	19.54	3	75474	2211	20.47
4	75135	1300	6.79	4	75428	732	6.78
5	75428	1183	6.18	5	75135	714	6.61
6	75453	899	4.69	6	75453	510	4.72
7	75423	718	3.75	7	75423	397	3.68
8	75496	530	2.77	8	75496	341	3.16
9	75422	509	2.66	9	75422	312	2.89
10	75403	70	0.37	10	75403	55	0.51

Patient Migration



Top 10 hospitals of Hunt with BH patients visits in 2016



- Hunt Regional Medical Cent
- Texas Health Presbyterian
- Baylor University Medical
- Lake Pointe Medical Center
- UTSW Medical Center Univer
- Medical Center of McKinney
- Baylor Heart and Vascular
- Green Oaks Hospital
- Medical Center of Plano
- Childrens Medical Center

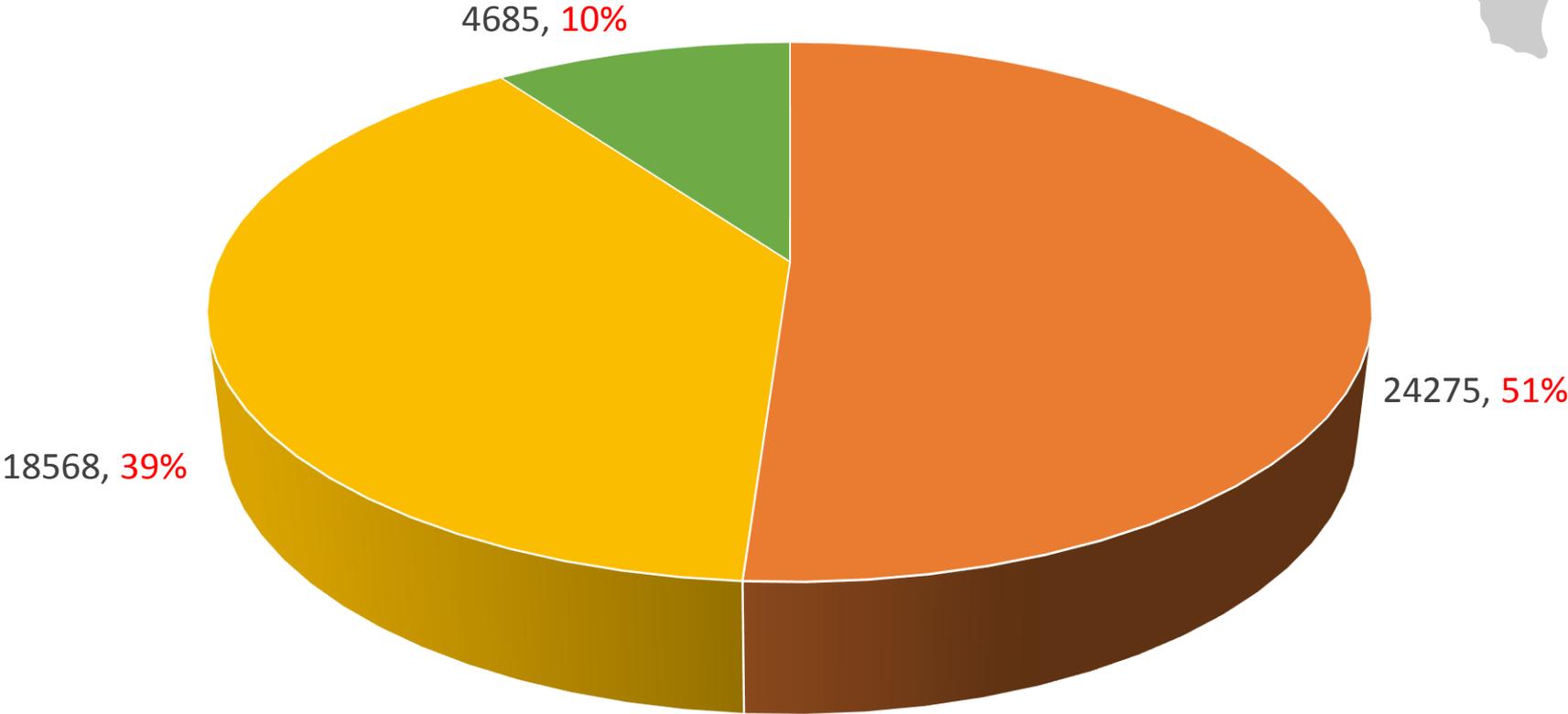


Johnson County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Johnson 2016

Patient Characteristics

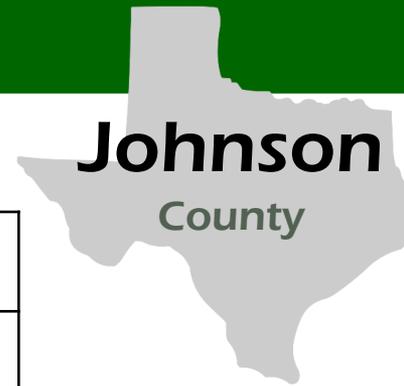


Characteristics of Patients with Mental Health or Substance Abuse issues in Johnson County 2016

Total Cases (N)	47528	
Charges (Dollars; Mean, Range)	17242	
Gender (N, %)		
<i>Females</i>	25704	54.08
<i>Males</i>	18303	38.51
<i>X</i>	3521	7.41
Admission Type (N, %)		
<i>Outpatients</i>	37082	78.02
<i>Inpatients</i>	10446	21.98
Discharge Status (N, %)		
<i>Discharged to Home</i>	41064	86.40
<i>Transferred</i>	5045	10.61
<i>Left Against Medic</i>	644	1.35
<i>Hospice</i>	329	0.69
<i>Expired</i>	226	0.48
<i>Still Patient or Expected to Return</i>	104	0.22
<i>Unknown</i>	78	0.16
<i>Admitted as an Inpatient</i>	38	0.08

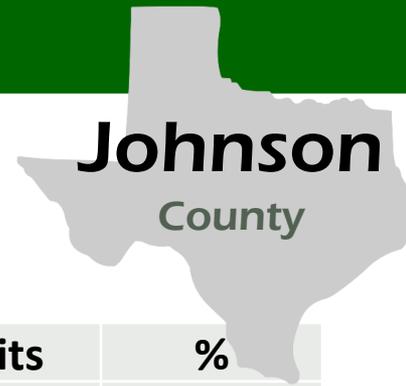
Top 10 diagnosed diseases after discharge were chest pain, obstructive chronic bronchitis with (acute) exacerbation, acute bronchitis, pneumonia (organism unspecified), unspecified septicemia, headache, urinary tract infection (site not specified), bronchitis (not specified as acute or chronic), nausea with vomiting, and congestive heart failure.

Race-Ethnicity Crosswalk



Race - Ethnicity	Johnson County
American Indian non-Hispanic	70
Asian non-Hispanic	267
Black non-Hispanic	1,374
Other non-Hispanic	1,189
unknown non-Hispanic	
White non-Hispanic	48,266
Hispanic	1658
Total	45,766

Top 10 Zip Codes

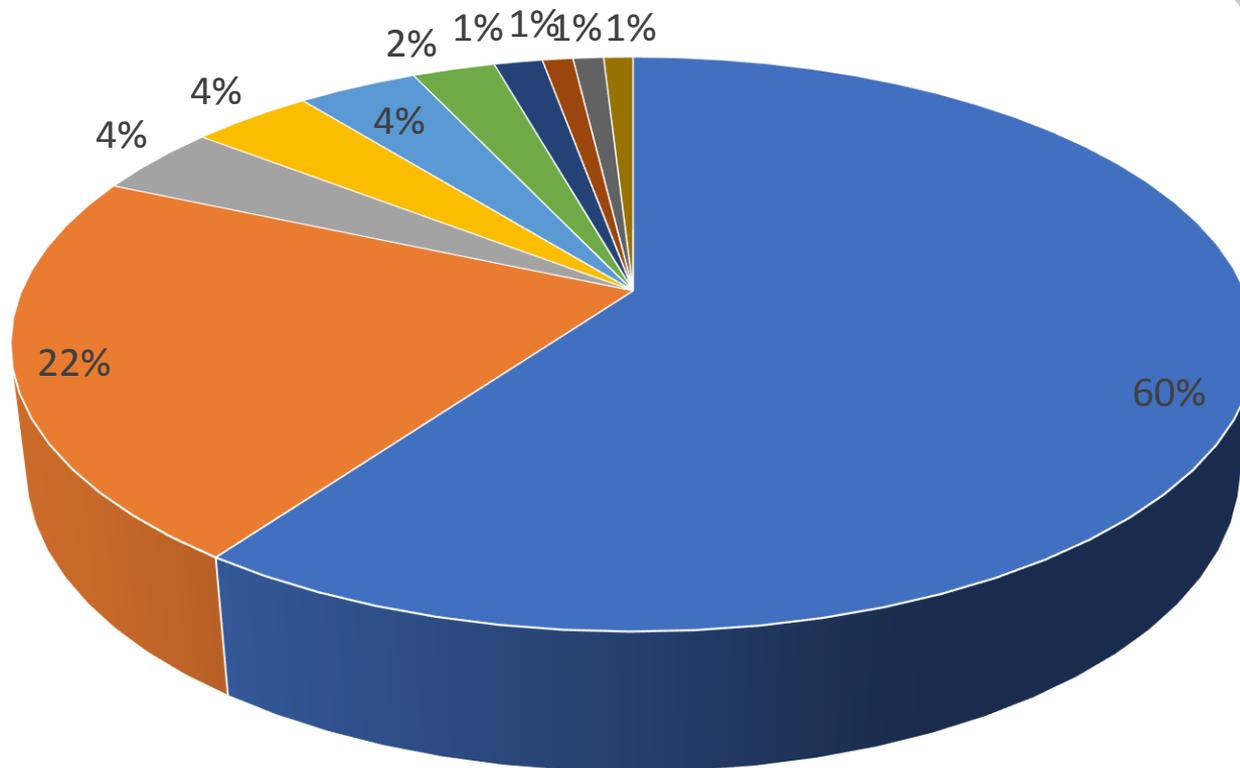


Rank	Zip Code	Visits	%	Rank	Zip Code	Visits	%
1	76028	12137	25.54	1	76028	6724	26.89
2	76033	8823	18.56	2	76033	4318	17.27
3	76031	6195	13.03	3	76031	2975	11.9
4	76058	5797	12.2	4	76058	2951	11.8
5	76009	4645	9.77	5	76009	2558	10.23
6	XXXXXX	3529	7.43	6	XXXXXX	1892	7.57
7	76059	1476	3.11	7	76084	832	3.33
8	76050	1422	2.99	8	76050	789	3.16
9	76084	1329	2.8	9	76059	750	3
10	76044	1030	2.17	10	76044	541	2.16

Patient Migration



Top 10 hospitals of Johnson with BH patients visits in 2016



- Texas Health Harris Method
- Plaza Medical Center of Fo
- Methodist Mansfield Medica
- Cook Childrens Health Care
- UTSW Medical Center Univer

- Texas Health Huguley Hospi
- JPS Health Network
- Baylor All Saints - Fort W
- Baylor Medical Center at W
- Huguley Surgery Center

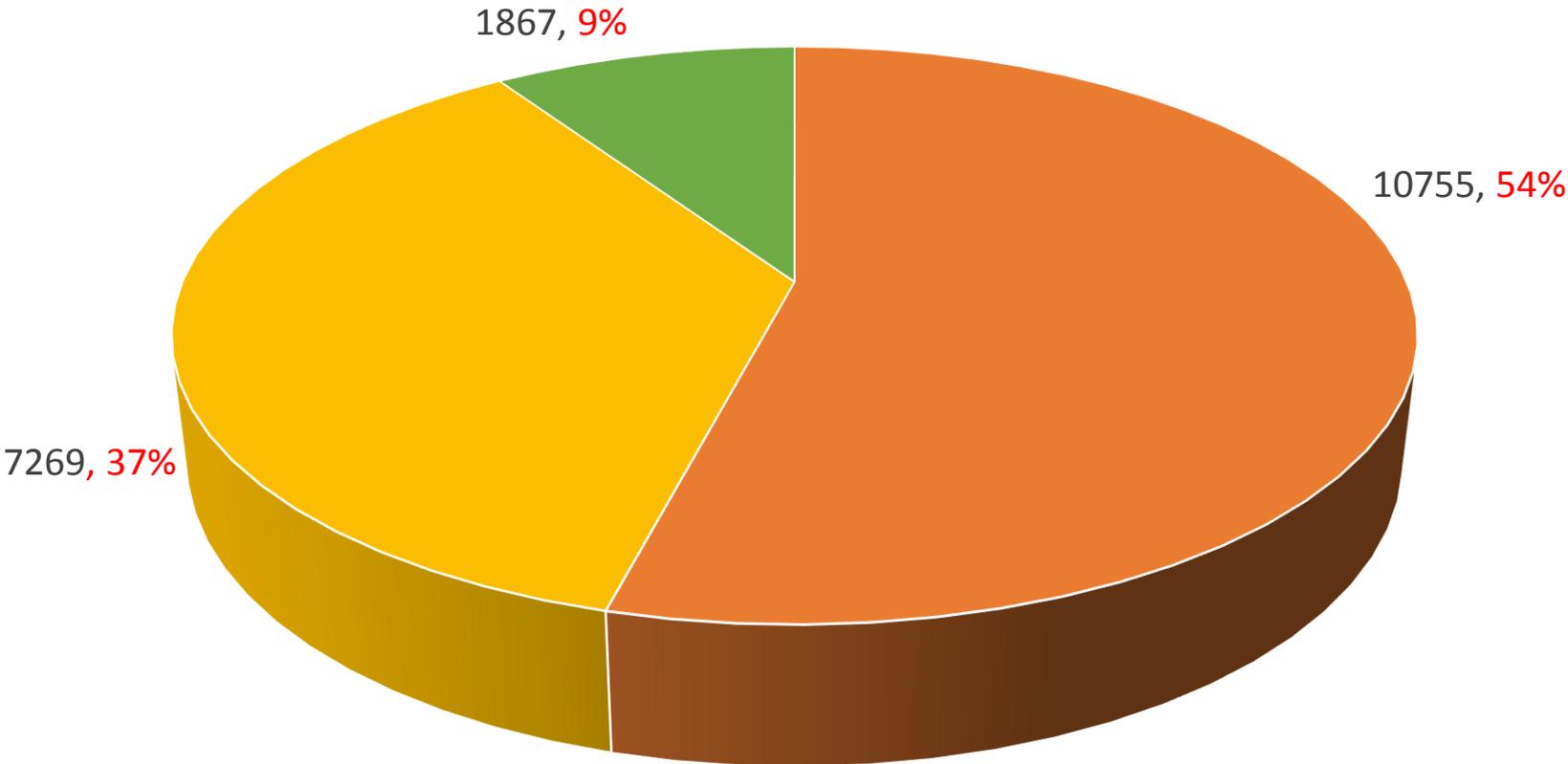


Kaufman County

Mental Health & Substance Misuse

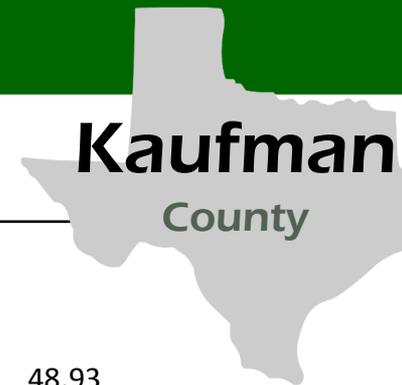


■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Visits in Kaufman County 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Kaufman County 2016

Total Cases (N)	19,891	
Charges (Dollars; Average Charges)	18,787	
Gender (N, %)		
<i>Females</i>	50,102	48.93
<i>Males</i>	41,955	40.97
<i>X</i>	10,336	10.09
Admission Type (N, %)		
<i>Outpatients</i>	74,811	73.06
<i>Inpatients</i>	27,582	26.94
Discharge Status (N, %)		
<i>Discharged to Home</i>	86,331	84.31
<i>Discharged/Transfer</i>	12,070	11.79
<i>Still Patient or Expected to Return</i>	809	0.79
<i>Unknown</i>	598	0.58
<i>Left Against Medic</i>	1,241	1.21
<i>Expired</i>	639	0.62
<i>Hospice - home</i>	375	0.37
<i>Hospice – medical facility</i>	253	0.25
<i>Admitted as an Inpatient</i>	77	0.08

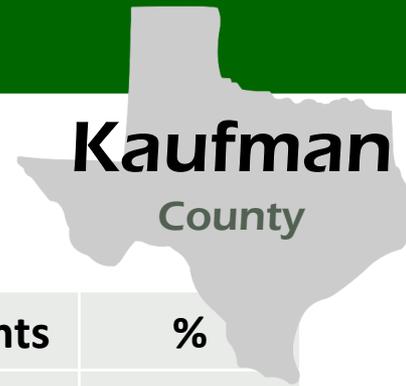
Top 10 diagnosed diseases after discharge were chest pain, obstructive chronic bronchitis with (acute) exacerbation, congestive heart failure, pneumonia (organism unspecified), coronary atherosclerosis of native coronary artery, unspecified septicemia, bronchitis, unspecified essential hypertension, headache, and urinary tract infection (site not specified).

Race- Ethnicity Crosswalk



Race	Kaufman
American Indian non-Hispanic	17
Asian non-Hispanic	114
Black non-Hispanic	2,030
Other non-Hispanic	2,322
UNKNOWN non-Hispanic	8
White non-Hispanic	14,624
Hispanic	765
Total	19,109

Top 10 Zip Codes

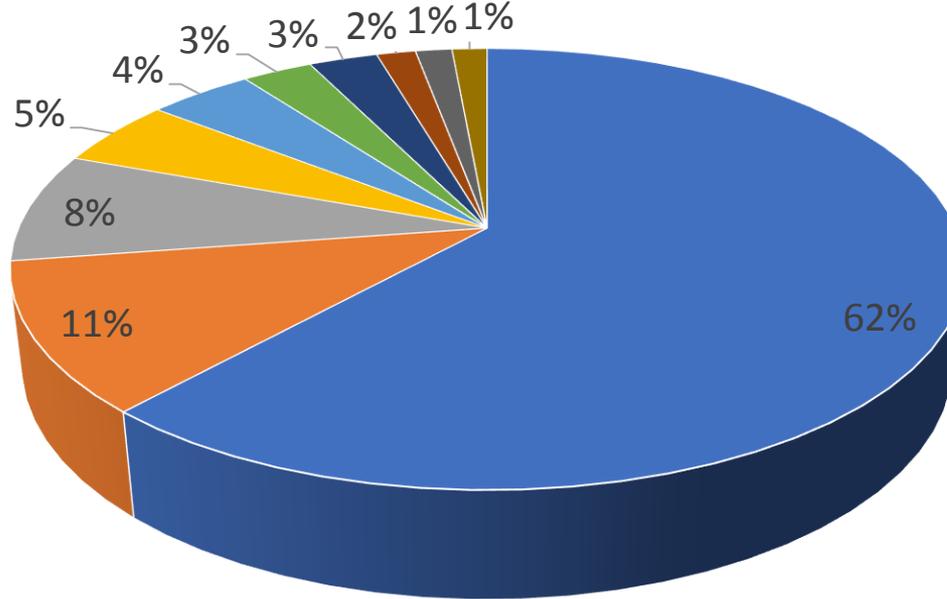


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	75142	4,276	23.55	1	75160	2,639	24.27
2	75160	4,252	23.42	2	75142	2,421	22.26
3	75126	3,639	20.04	3	75126	2,263	20.81
4	75143	2,263	12.46	4	75143	1,298	11.94
5	75161	1,179	6.49	5	75161	703	6.46
6	75158	945	5.2	6	75158	550	5.06
7	75114	814	4.48	7	75114	511	4.7
8	75147	684	3.77	8	75147	433	3.98
9	75157	75	0.41	9	75157	36	0.33
10	75118	27	0.15	10	75118	20	0.18

Patient Migration



Top 10 hospitals of Kaufman with BH patients visits in 2016



- Texas Health Presbyterian
- Baylor University Medical
- Tenet Sunnyvale MC
- UTSW Medical Center Univer
- Lake Pointe Medical Center
- Parkland Health & Hospital
- Childrens Medical Center
- Medical City Dallas
- Baylor Heart and Vascular
- Children's Pavilion Surger

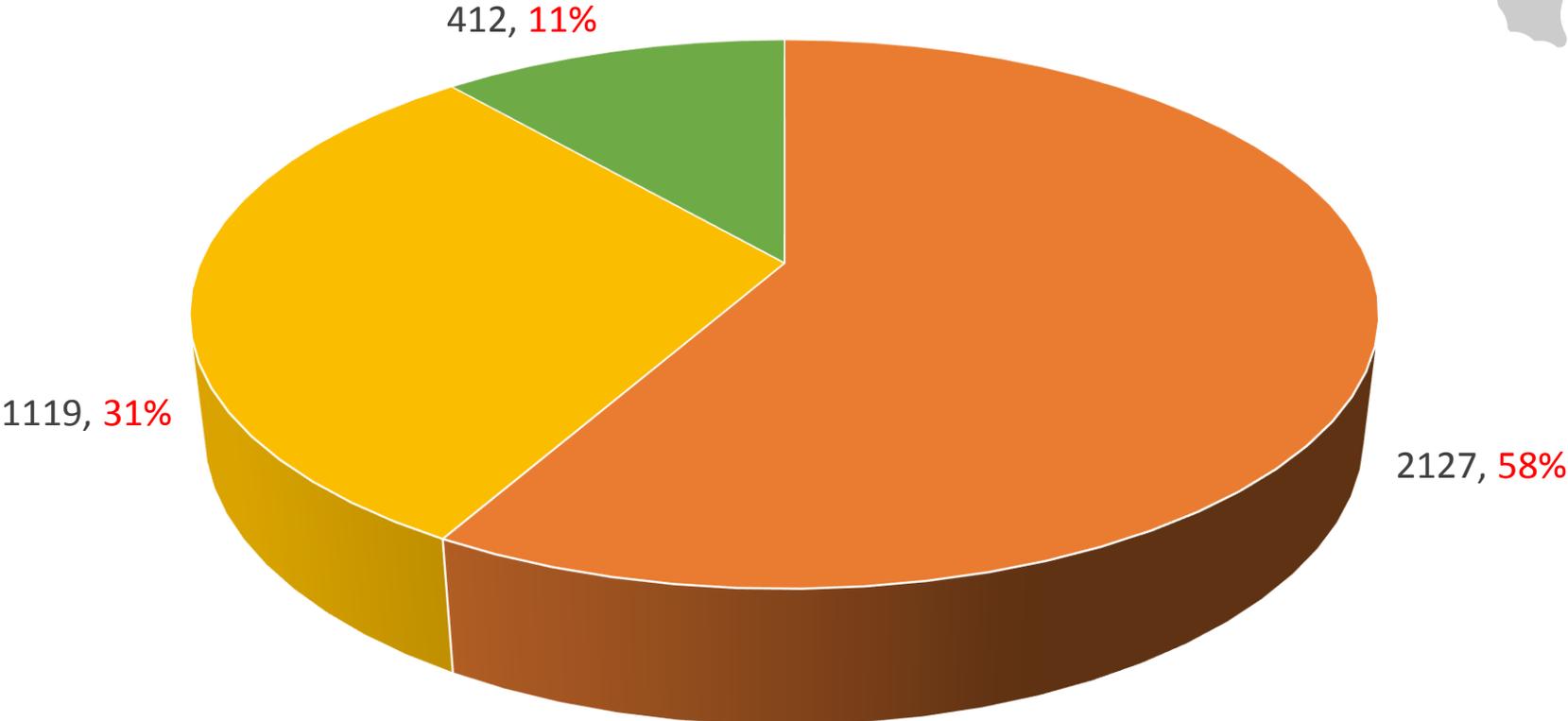


Navarro County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Navarro 2016

Patient Characteristics



Navarro County

Characteristics of Patients with Mental Health or Substance Abuse issues in Navarro County 2016

Total Cases (N)	3658	
Charges (Dollars; Mean, Range)	22372	
Gender (N, %)		
<i>Females</i>	1744	47.68
<i>Males</i>	1557	42.56
<i>X</i>	357	9.76
Admission Type (N, %)		
<i>Outpatients</i>	2685	73.40
<i>Inpatients</i>	973	26.60
Discharge Status (N, %)		
<i>Discharged to Home</i>	3058	83.60
<i>Transferred</i>	433	11.84
<i>Still Patient or Expected to Return</i>	71	1.94
<i>Left Against Medic</i>	36	0.98
<i>Expired</i>	27	0.74
<i>Hospice</i>	22	0.60
<i>Unknown</i>	9	0.25
<i>Admitted as an Inpatient</i>	2	0.05

Top 10 diagnosed diseases after discharge were coronary atherosclerosis of native coronary artery, chest pain, unspecified septicemia, anxiety state(unspecified), urinary tract infection (site not specified), acute myocardial infarction (sub endocardial infarction, and initial episode of care), depressive disorder (not elsewhere classified), schizoaffective disorder (unspecified), headache, and unspecified cerebral artery occlusion with cerebral infarction.

Race-Ethnicity Crosswalk



Race - Ethnicity	Navarro County
American Indian non-Hispanic	3
Asian non-Hispanic	6
Black non-Hispanic	512
Other non-Hispanic	827
UNKNOWN non-Hispanic	
White non-Hispanic	1,936
Hispanic	365
Total	3,284

Top 10 Zip Codes

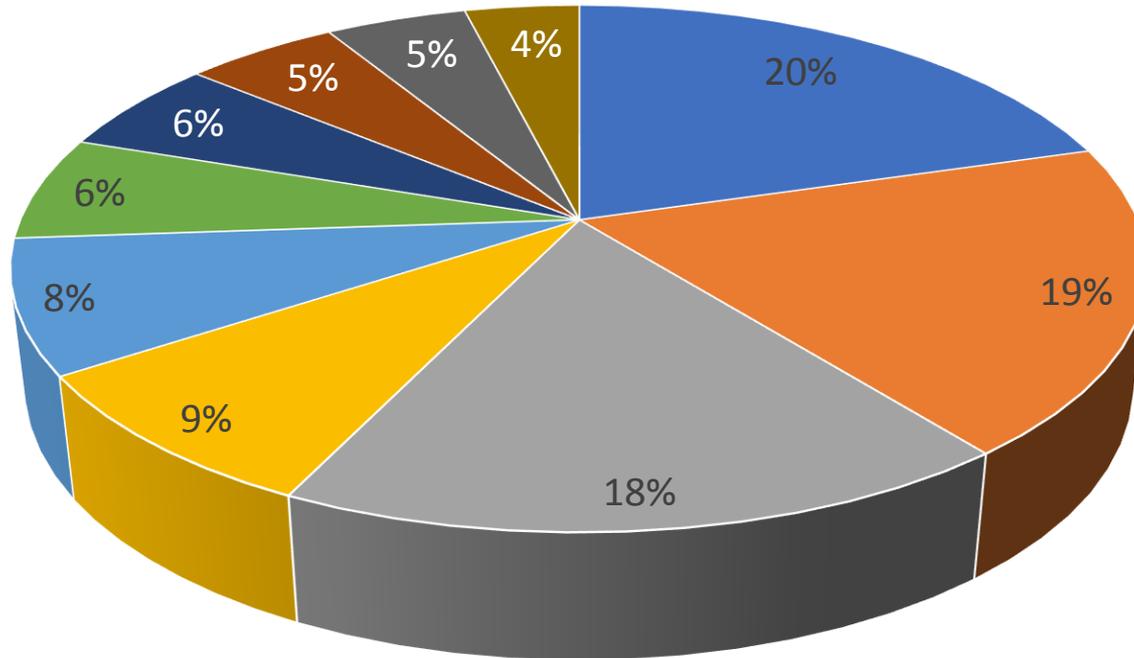


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	75110	1703	46.56	1	75110	1164	46.73
2	XXXXX	357	9.76	2	XXXXX	245	9.84
3	75155	343	9.38	3	75155	211	8.47
4	75109	316	8.64	4	75109	192	7.71
5	75144	226	6.18	5	75144	139	5.58
6	76626	120	3.28	6	76626	97	3.89
7	76641	118	3.23	7	766XX	80	3.21
8	766XX	100	2.73	8	76641	79	3.17
9	75102	73	2	9	75102	59	2.37
10	76679	59	1.61	10	751XX	43	1.73

Patient Migration



Top 10 hospitals of Navarro BH patients visits in 2016

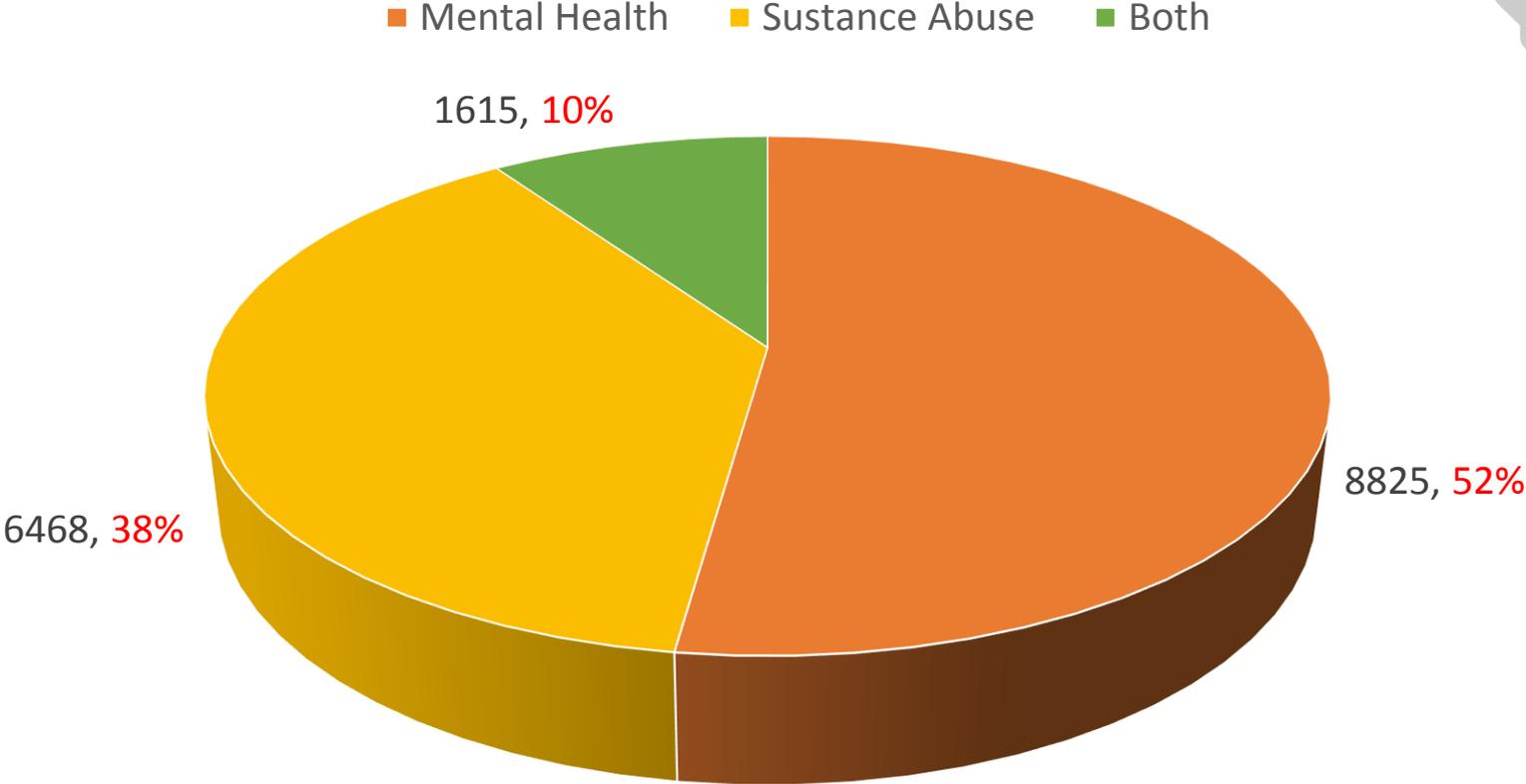


- Ennis Regional Medical Cen
- Baylor Medical Center at W
- Baylor University Medical
- Baylor Heart and Vascular
- UTSW Medical Center Univer
- Green Oaks Hospital
- Parkland Health & Hospital
- Childrens Medical Center
- Children's Pavilion Surger
- Texas Health Presbyterian



Parker County

Mental Health & Substance Misuse



Behavior Health Patients in Parker 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Parker County 2016

Total Cases (N)	16908	
Charges (Dollars; Mean, Range)	21774	
Gender (N, %)		
<i>Females</i>	8590	50.80
<i>Males</i>	7168	42.39
<i>X</i>	1148	6.79
<i>Unknown</i>	2	0.01
Admission Type (N, %)		
<i>Outpatients</i>	12702	75.12
<i>Inpatients</i>	4206	24.88
Discharge Status (N, %)		
<i>Discharged to Home</i>	14590	86.29
<i>Transferred</i>	1800	10.65
<i>Left Against Medic</i>	212	1.25
<i>Hospice</i>	121	0.72
<i>Expired</i>	102	0.60
<i>Still Patient or Expected to Return</i>	46	0.27
<i>Unknown</i>	30	0.18
<i>Admitted as an Inpatient</i>	7	0.04

Top 10 diagnosed diseases after discharge were chest pain, obstructive chronic bronchitis with (acute) exacerbation, coronary atherosclerosis of native coronary artery, urinary tract infection (site not specified), unspecified septicemia, pneumonia (organism unspecified), headache, lumbago, nausea with vomiting, and abdominal pain (unspecified site).

Race-Ethnicity Crosswalk



Race - Ethnicity	Parker County
American Indian non-Hispanic	52
Asian non-Hispanic	64
Black non-Hispanic	203
Other non-Hispanic	905
UNKNOWN non-Hispanic	
White non-Hispanic	15,174
Hispanic	406
Total	16,398

Top 10 Zip Codes

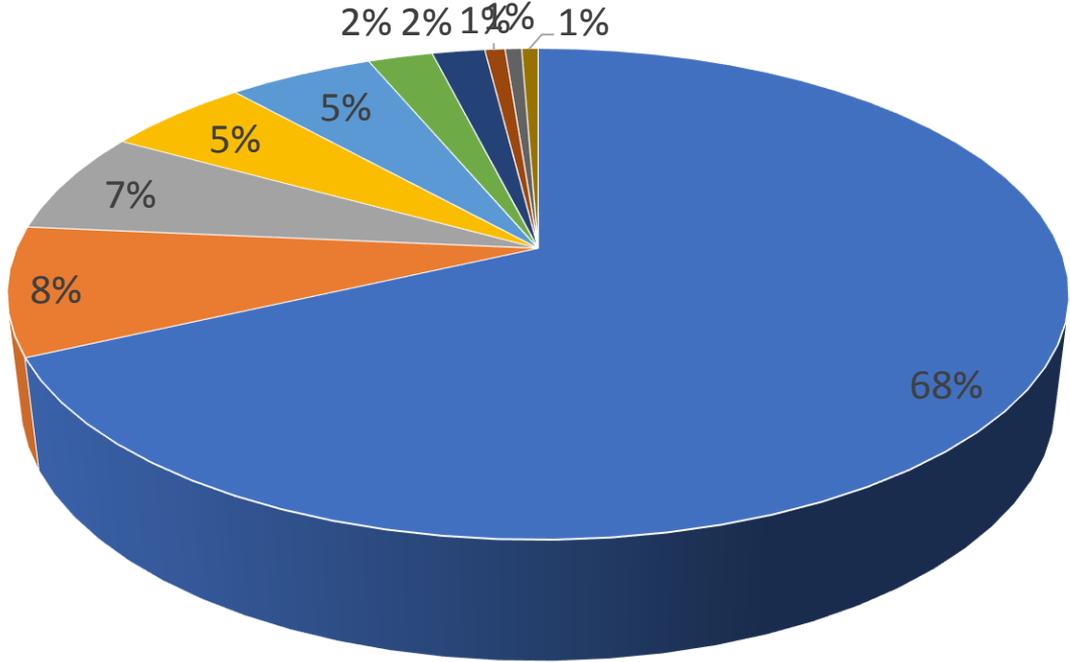


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	76082	5160	30.52	1	76082	2796	27.4
2	76087	2924	17.29	2	76087	1814	17.78
3	76086	2366	13.99	3	76086	1426	13.97
4	76008	1697	10.04	4	76008	1059	10.38
5	76085	1641	9.71	5	76085	968	9.49
6	XXXXX	1157	6.84	6	XXXXX	867	8.5
7	76088	984	5.82	7	76088	641	6.28
8	76487	369	2.18	8	76487	235	2.3
9	76066	335	1.98	9	76066	203	1.99
10	76098	144	0.85	10	76098	104	1.02

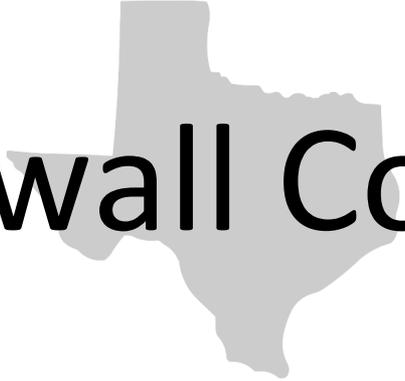
Patient Migration



Top 10 hospitals of Parker with BH visits in 2016

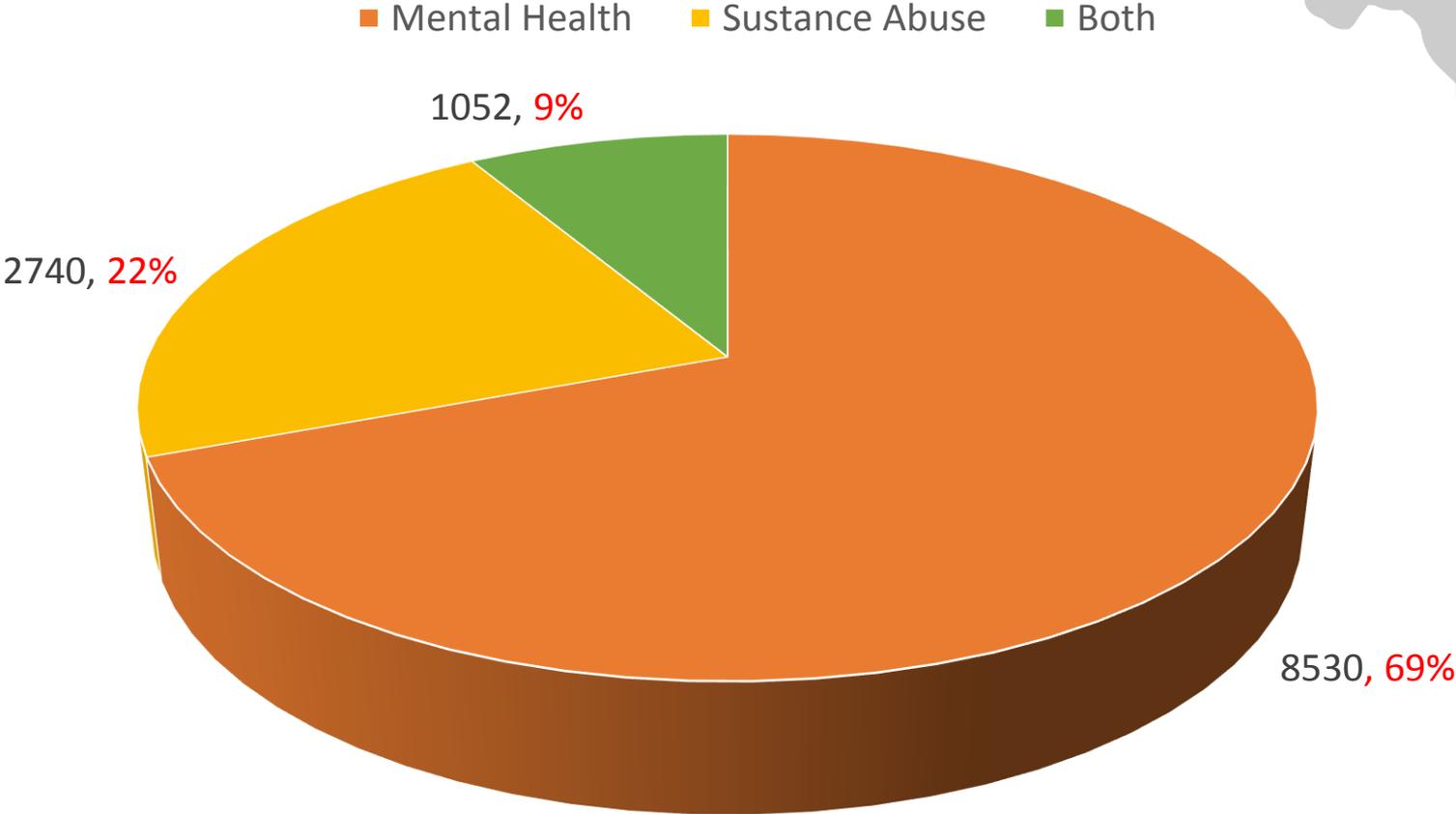


- Texas Health Harris Method
- Wise Regional Health System
- Baylor All Saints - Fort Worth
- JPS Health Network
- Plaza Medical Center of Fort Worth
- Cook Children's Health Care
- UTSW Medical Center University of Texas Southwestern
- Texas Health Huguley Hospital
- Baylor Heart and Vascular
- Texas Health Presbyterian



Rockwall County

Mental Health & Substance Misuse



Behavior Health Patients in Rockwall County 2016

Mental Health & Substance Misuse

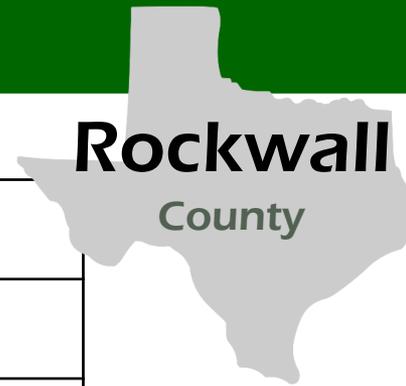


Characteristics of Patients with Mental Health or Substance Abuse issues in Rockwall County 2016

Total Cases (N)	12322	
Charges (Dollars; Mean, Range)	19273	
Gender (N, %)		
<i>Females</i>	6530	52.99
<i>Males</i>	4799	38.95
<i>X</i>	993	8.06
Admission Type (N, %)		
<i>Outpatients</i>	9253	75.09
<i>Inpatients</i>	3069	24.91
Discharge Status (N, %)		
<i>Discharged to Home</i>	10255	83.23
<i>Transferred</i>	1676	13.60
<i>Left Against Medic</i>	119	0.97
<i>Still Patient or Expected to Return</i>	90	0.73
<i>Hospice</i>	78	0.63
<i>Expired</i>	75	0.61
<i>Unknown</i>	26	0.21
<i>Admitted as an Inpatient</i>	3	0.02

Top 10 diagnosed diseases after discharge were chest pain, special screening for malignant neoplasms (colon), pneumonia (organism unspecified), congestive heart failure (unspecified), unspecified essential hypertension, obstructive chronic bronchitis with (acute) exacerbation, other developmental speech or language disorder, unspecified septicemia, coronary atherosclerosis of native coronary artery, and urinary tract infection (site not specified).

Race-Ethnicity Crosswalk



Rockwall

County

Race - Ethnicity	Rockwall County
American Indian non-Hispanic	2
Asian non-Hispanic	56
Black non-Hispanic	424
Other non-Hispanic	5,202
UNKNOWN non-Hispanic	3
White non-Hispanic	6,134
Hispanic	495
Total	11,821

Top Zip Codes

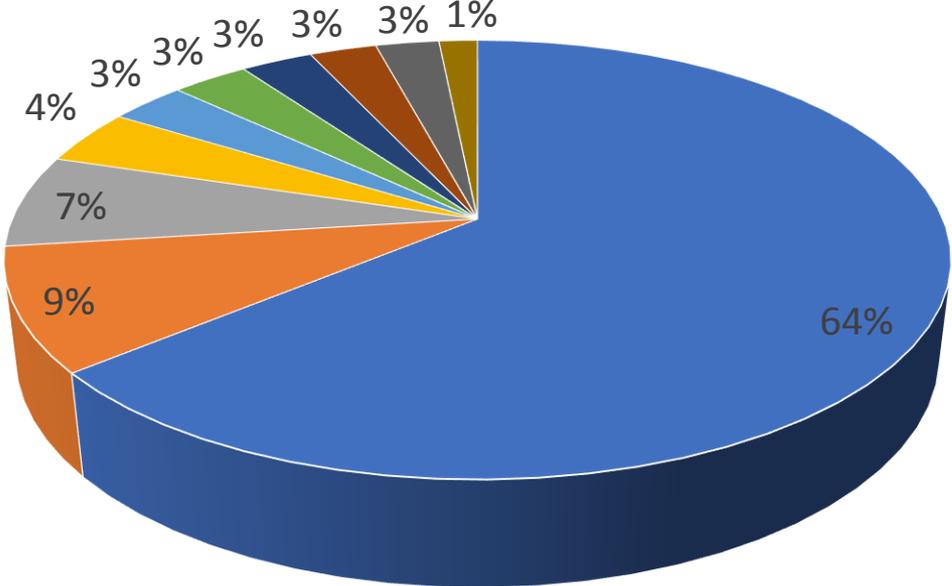


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	75087	4157	33.74	1	75087	2537	33.05
2	75032	3809	30.91	2	75032	2304	30.01
3	75189	3287	26.68	3	75189	2040	26.57
4	XXXXX	993	8.06	4	XXXXX	738	9.61
5	75132	59	0.48	5	75132	43	0.56
6	751XX	175	0.14	6	751XX	15	0.2

Patient Migration



Top 10 hospitals of Rockwall patients with behavioral issues visited in 2016



- Texas Health Presbyterian
- Baylor University Medical
- Our Childrens House
- Childrens Medical Center
- Parkland Health & Hospital
- Lake Pointe Medical Center
- UTSW Medical Center Univer
- Hunt Regional Medical Cent
- Baylor Medical Center at G
- Medical City Dallas

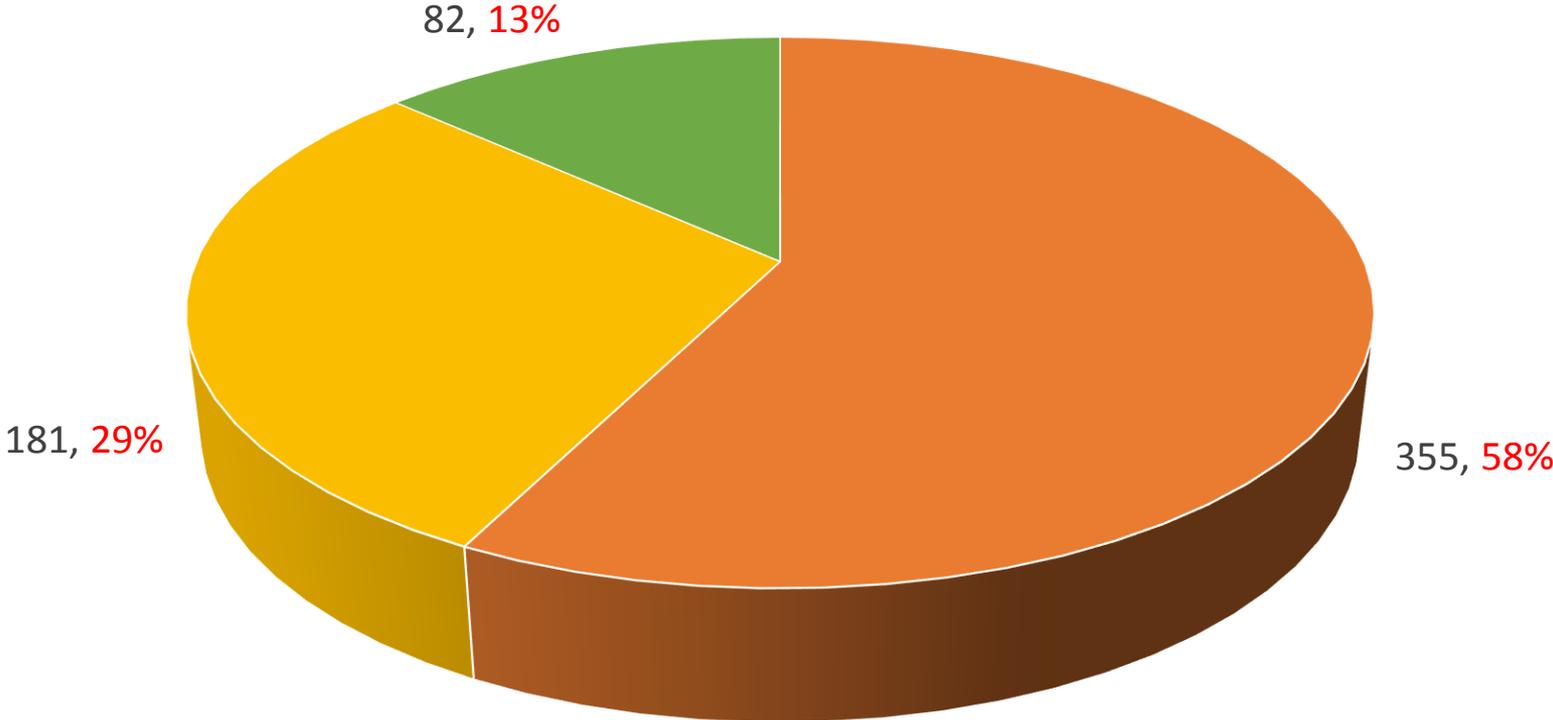


Somervell County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Somervell 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Somervell County 2016

Total Cases (N)	618	
Charges (Dollars; Mean, Range)	34978	
Gender (N, %)		
<i>Females</i>	300	48.54
<i>Males</i>	260	42.07
<i>X</i>	58	9.39
Admission Type (N, %)		
<i>Outpatients</i>	362	58.58
<i>Inpatients</i>	256	41.42
Discharge Status (N, %)		
<i>Discharged to Home</i>	485	78.48
<i>Discharged/Transfer</i>	113	18.28
<i>Still Patient or Expected to Return</i>	5	0.81
<i>Hospice</i>	5	0.81
<i>Left Against Medic</i>	5	0.81
<i>Expired</i>	4	0.65
<i>Unknown</i>	1	0.16

Top 10 diagnosed diseases after discharge were chest pain, acute myocardial infarction (sub endocardial infarction and initial episode of care), primary localized osteoarthritis (lower leg), congestive heart failure (unspecified), coronary atherosclerosis of native coronary artery, unspecified septicemia, urinary tract infection (site not specified), atrial fibrillation, obstructive chronic bronchitis with (acute) exacerbation, and hypertensive heart and chronic kidney disease (unspecified, with heart failure and with chronic kidney).

Race-Ethnicity Crosswalk



Race - Ethnicity	Somervell County
American Indian non-Hispanic	
Asian non-Hispanic	1
Black non-Hispanic	8
Other non-Hispanic	42
UNKNOWN non-Hispanic	
unknown	
White non-Hispanic	544
Hispanic	18
Total	595

Top Zip Codes



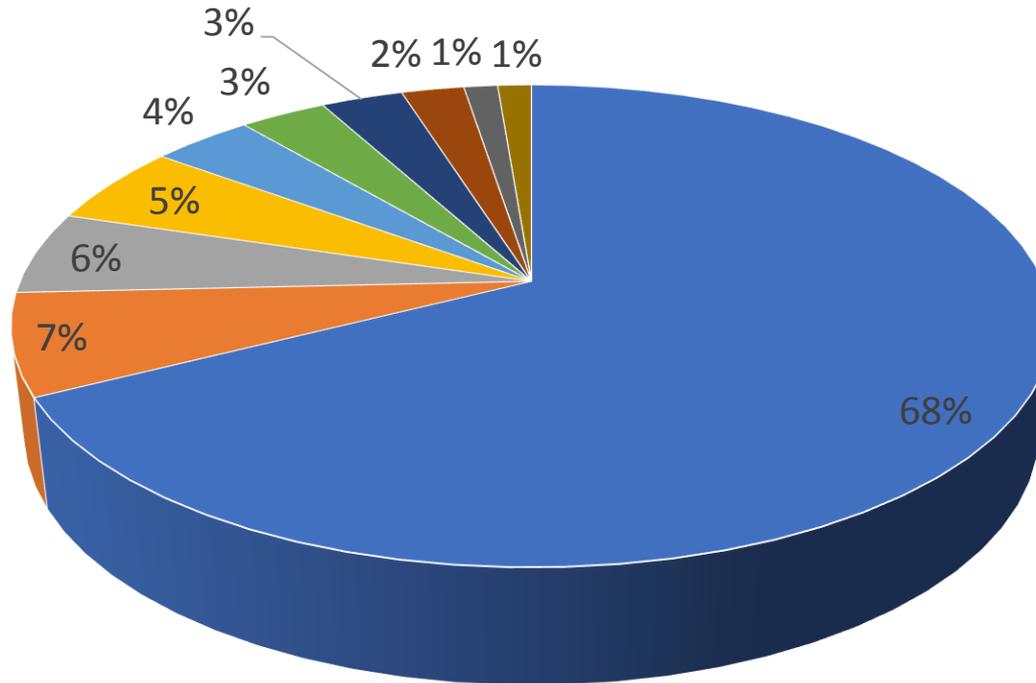
Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	76043	461	74.6	1	76043	305	70.6
2	760XX	74	11.97	2	760XX	53	12.27
3	XXXXX	59	9.55	3	XXXXX	51	11.81
4	76077	15	2.43	4	76077	14	3.24
5	76070	9	1.46	5	76070	9	2.08

Patient Migration

Somervell

County

Top 10 hospitals of Somervell with BH patients visits in 2016

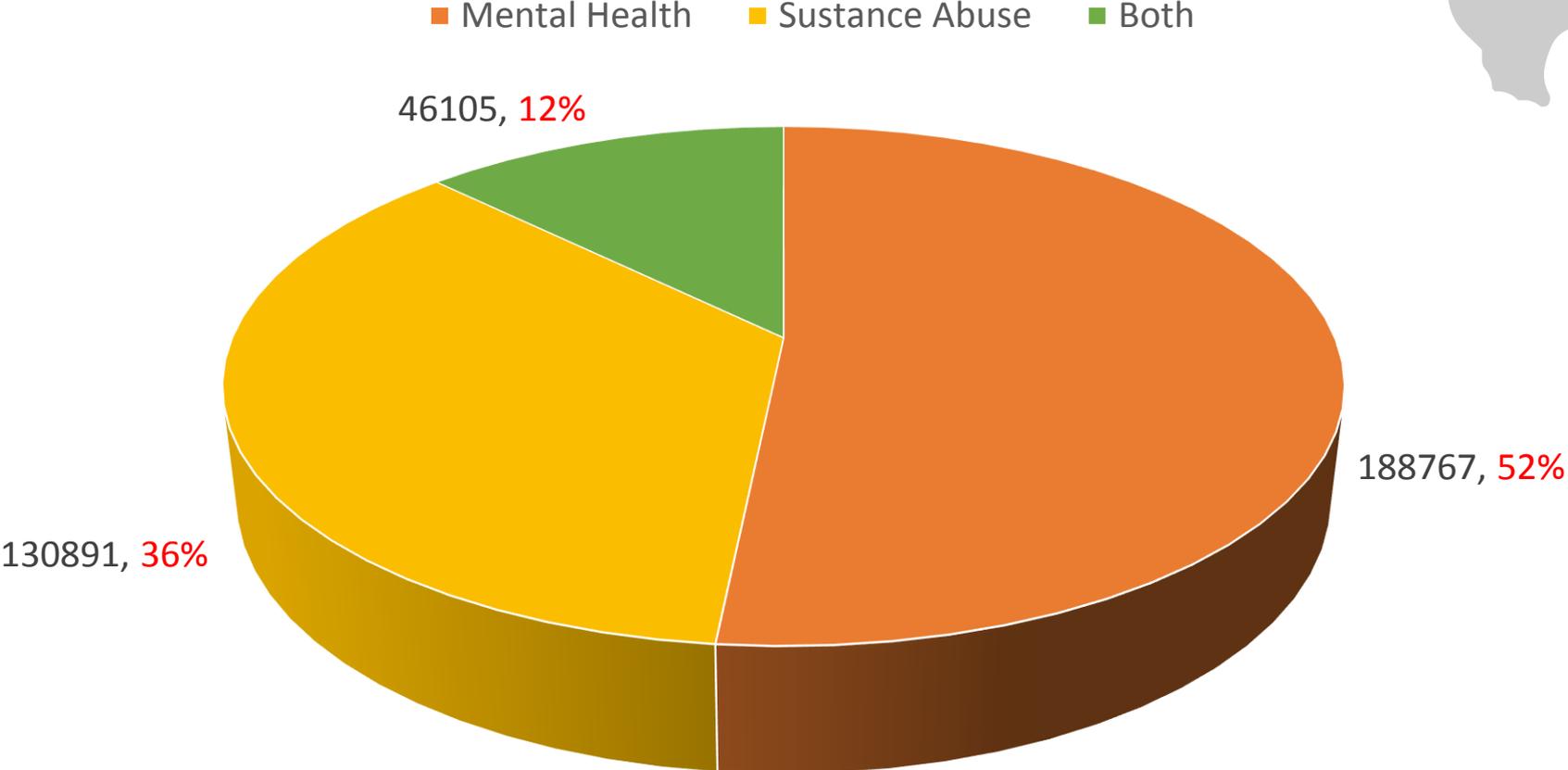


- Texas Health Harris Method
- Plaza Medical Center of Fo
- UTSW Medical Center Univer
- JPS Health Network
- Baylor Heart and Vascular
- Baylor All Saints - Fort W
- Texas Health Huguley Hospi
- Baylor University Medical
- Cook Childrens Health Care
- Texas Health Arlington Mem



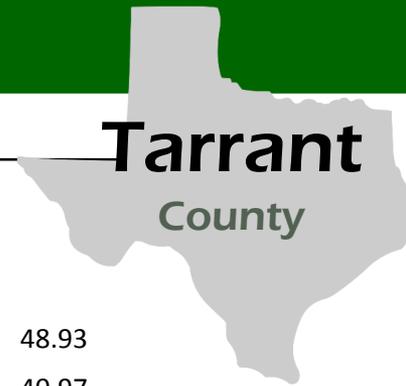
Tarrant County

Mental Health & Substance Misuse



Behavior Health Visits in Tarrant County 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Tarrant County 2016

Total Cases (N)	365,763	
Charges (Dollars; Average Charges Filed)	17,953	
Gender (N, %)		
<i>Females</i>	50,102	48.93
<i>Males</i>	41,955	40.97
<i>X</i>	10,336	10.09
Admission Type (N, %)		
<i>Outpatients</i>	74,811	73.06
<i>Inpatients</i>	27,582	26.94
Discharge Status (N, %)		
<i>Discharged to Home</i>	86,331	84.31
<i>Discharged/Transfer</i>	12,070	11.79
<i>Still Patient or Expected to Return</i>	809	0.79
<i>Unknown</i>	598	0.58
<i>Left Against Medic</i>	1,241	1.21
<i>Expired</i>	639	0.62
<i>Hospice - home</i>	375	0.37
<i>Hospice – medical facility</i>	253	0.25
<i>Admitted as an Inpatient</i>	77	0.08

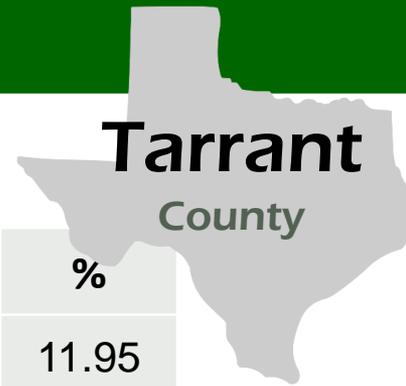
Top 10 diagnosed diseases after discharge were chest pain, urinary tract infection (site not specified), headache, unspecified septicemia, obstructive chronic bronchitis with (acute) exacerbation, unspecified essential hypertension, congestive heart failure (unspecified), pneumonia (organism unspecified), abdominal pain (unspecified site), and nausea with vomiting.

Race- Ethnicity Crosswalk



Race - Ethnicity	Tarrant
American Indian non-Hispanic	536
Asian non-Hispanic	5,877
Black non-Hispanic	83,582
Other non-Hispanic	18,512
UNKNOWN non-Hispanic	8
White non-Hispanic	217,454
Hispanic	38,390
Total	325,970

Top 10 Zip Codes

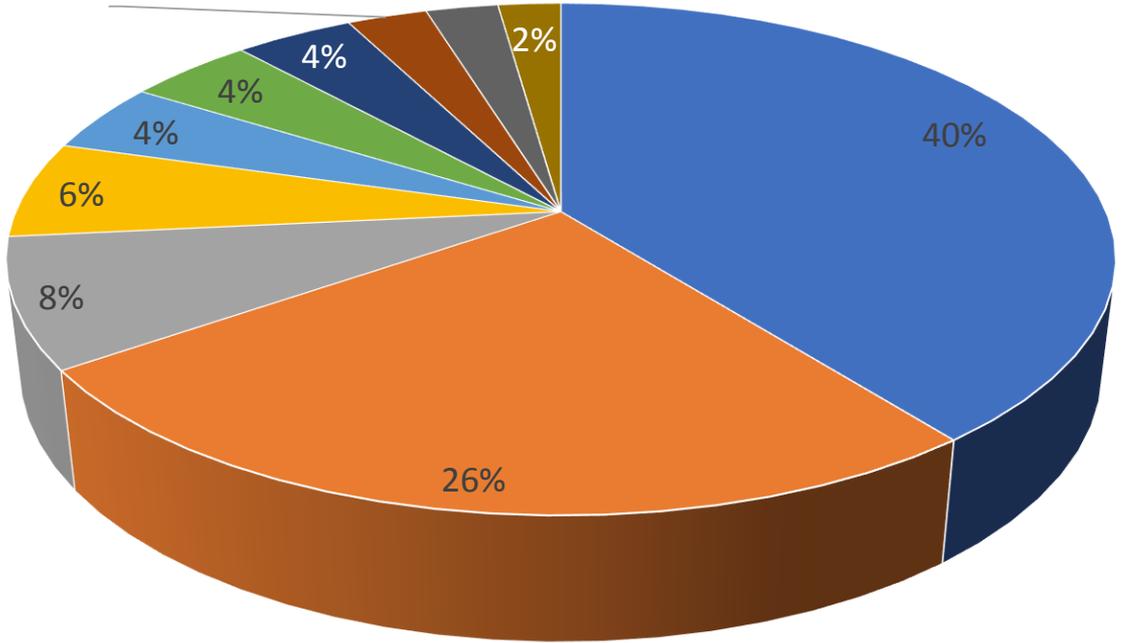


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	XXXXX	39,884	10.9	1	XXXXX	24,598	11.95
2	76119	13,640	3.73	2	76119	6,859	3.33
3	76116	13,058	3.57	3	76116	6,742	3.28
4	76112	12,165	3.33	4	76112	6,341	3.08
5	76133	11,243	3.07	5	76133	6,074	2.95
6	76108	9,464	2.59	6	76108	5,067	2.46
7	76020	9,348	2.56	7	76020	4,757	2.31
8	76104	8,879	2.43	8	76010	4,629	2.25
9	76010	8,054	2.2	9	76179	4,356	2.12
10	76105	7,564	2.07	10	76104	4,289	2.08

Patient Migration



Top 10 hospitals with BH patients visits in 2016



- Texas Health Harris Method
- JPS Health Network
- Texas Health Arlington Mem
- Baylor All Saints - Fort W
- Baylor Regional Medical Ce
- North Hills Hospital
- Medical Center of Arlingto
- Plaza Medical Center of Fo
- Methodist Mansfield Medica
- Cook Childrens Health Care

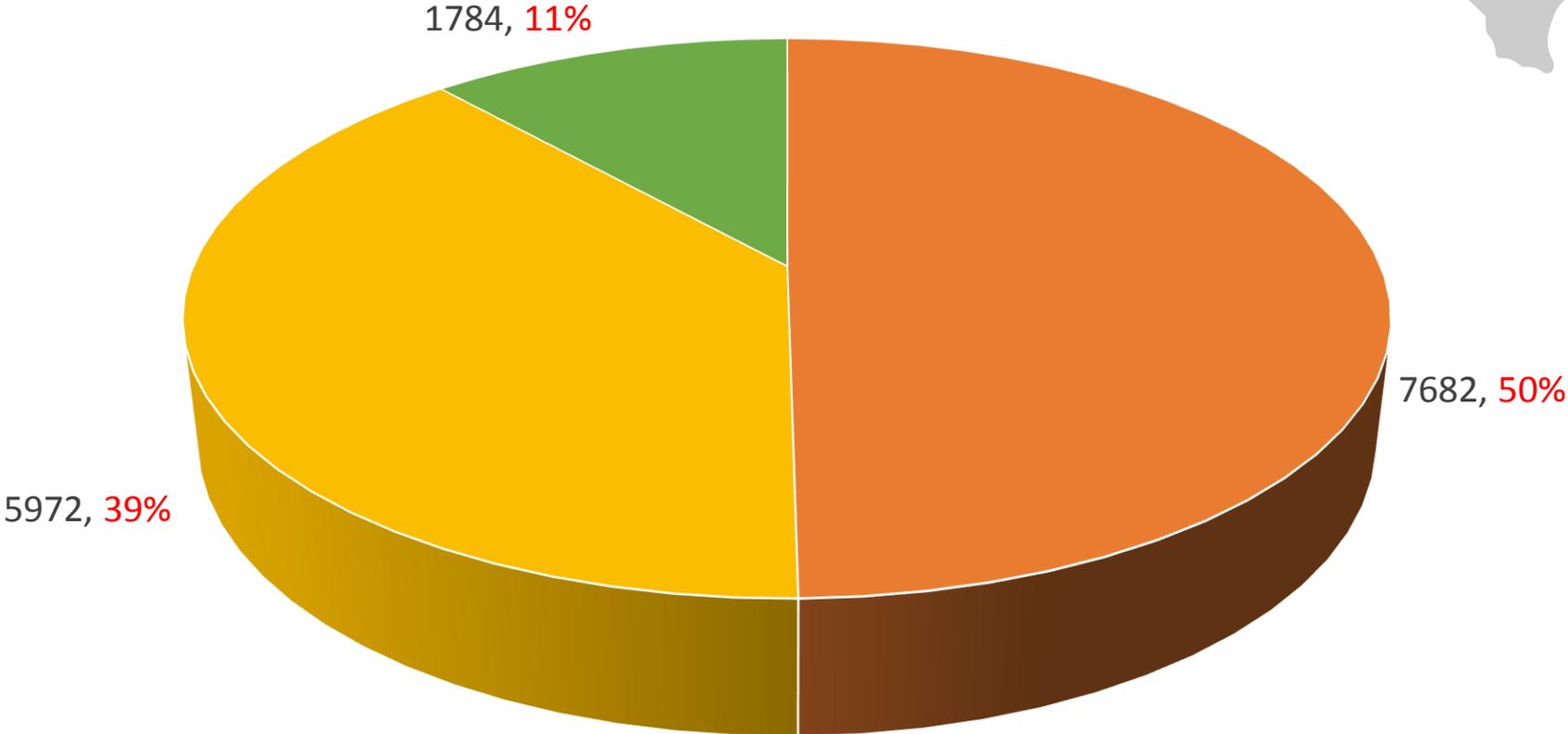


Wise County

Mental Health & Substance Misuse



■ Mental Health ■ Substance Abuse ■ Both



Behavior Health Patients in Wise 2016

Patient Characteristics



Characteristics of Patients with Mental Health or Substance Abuse issues in Wise County 2016

Total Cases (N)	15438	
Charges (Dollars; Mean, Range)	17040	
Gender (N, %)		
<i>Females</i>	7718	49.99
<i>Males</i>	6905	44.73
<i>X</i>	815	5.28
Admission Type (N, %)		
<i>Outpatients</i>	12079	78.24
<i>Inpatients</i>	3359	21.76
Discharge Status (N, %)		
<i>Discharged to Home</i>	13294	86.11
<i>Discharged/Transfer</i>	1634	10.58
<i>Left Against Medic</i>	187	1.21
<i>Expired</i>	130	0.84
<i>Hospice</i>	116	0.75
<i>Unknown</i>	49	0.32
<i>Still Patient or Expected to Return</i>	26	0.17
<i>Admitted as an Inpatient</i>	2	0.01

Top 10 diagnosed diseases after discharge were chest pain, urinary tract infection (site not specified), unspecified septicemia, disruption of external operation (surgical) wound, special screening for malignant neoplasms (colon), coronary atherosclerosis of native coronary artery, obstructive chronic bronchitis with (acute) exacerbation, diabetes with other specified manifestations (type II or unspecified type, not stated as uncontrol), lumbago, and congestive heart failure (unspecified).

Race-Ethnicity Crosswalk



Race - Ethnicity	Wise County
American Indian non-Hispanic	18
	28
Asian non-Hispanic	133
Black non-Hispanic	1,352
Other non-Hispanic	
UNKNOWN non-Hispanic	
White non-Hispanic	13,104
Hispanic	777
Total	14,635

Top Zip Codes

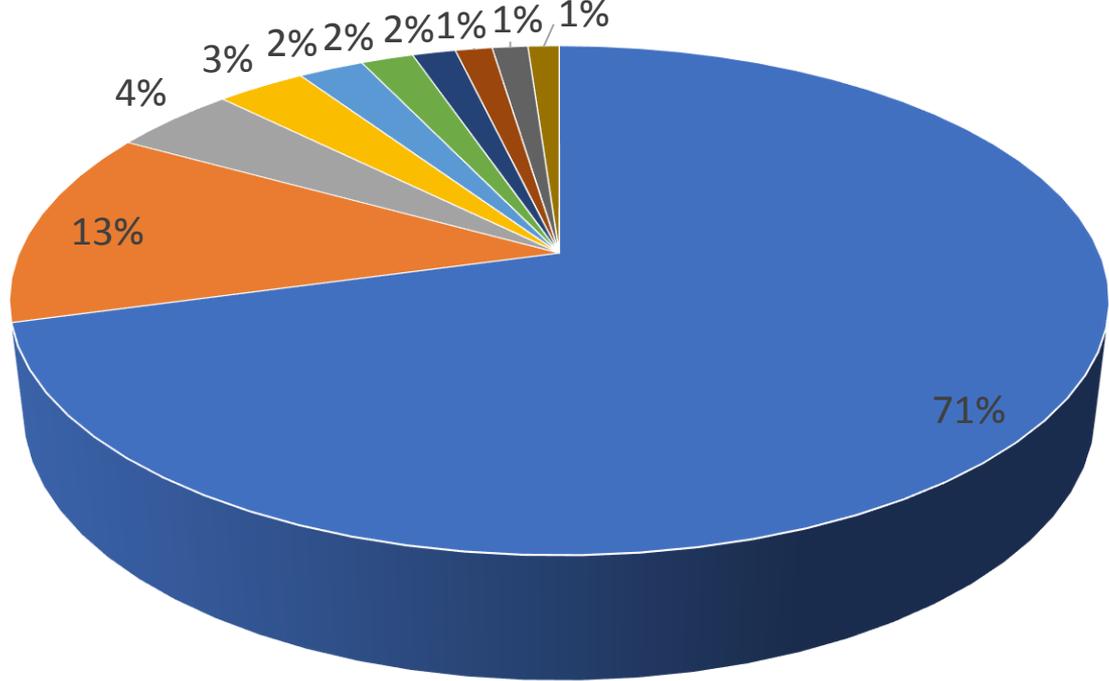


Rank	Zip Code	Visits	%	Rank	Zip Code	Patients	%
1	76234	3610	24.85	1	76234	1924	24.91
2	76426	2753	18.95	2	76426	1452	18.8
3	76078	2101	14.46	3	76078	1084	14.03
4	76023	1913	13.17	4	76023	1037	13.43
5	76073	1227	8.44	5	76073	713	9.23
6	76431	1066	7.34	6	76431	544	7.04
7	76071	979	6.74	7	76071	509	6.59
8	76225	816	5.62	8	76225	432	5.59
9	76267	56	0.39	9	76267	22	0.28

Patient Migration



Top 10 hospitals of Wise with BH patients in 2016



- Wise Regional Health System
- Texas Health Harris Method
- PARKWAY SURGICAL AND CARDI
- Texas Health Presbyterian
- JPS Health Network
- Baylor Regional Medical Ce
- UTSW Medical Center Univer
- Baylor All Saints - Fort W
- Denton Regional Medical Ce
- Medical Center Alliance

THANKS



“Together we can make a difference”

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