



TOMAGWA
HealthCare Ministries

**COMMUNITY NEEDS
ASSESSMENT
2020**

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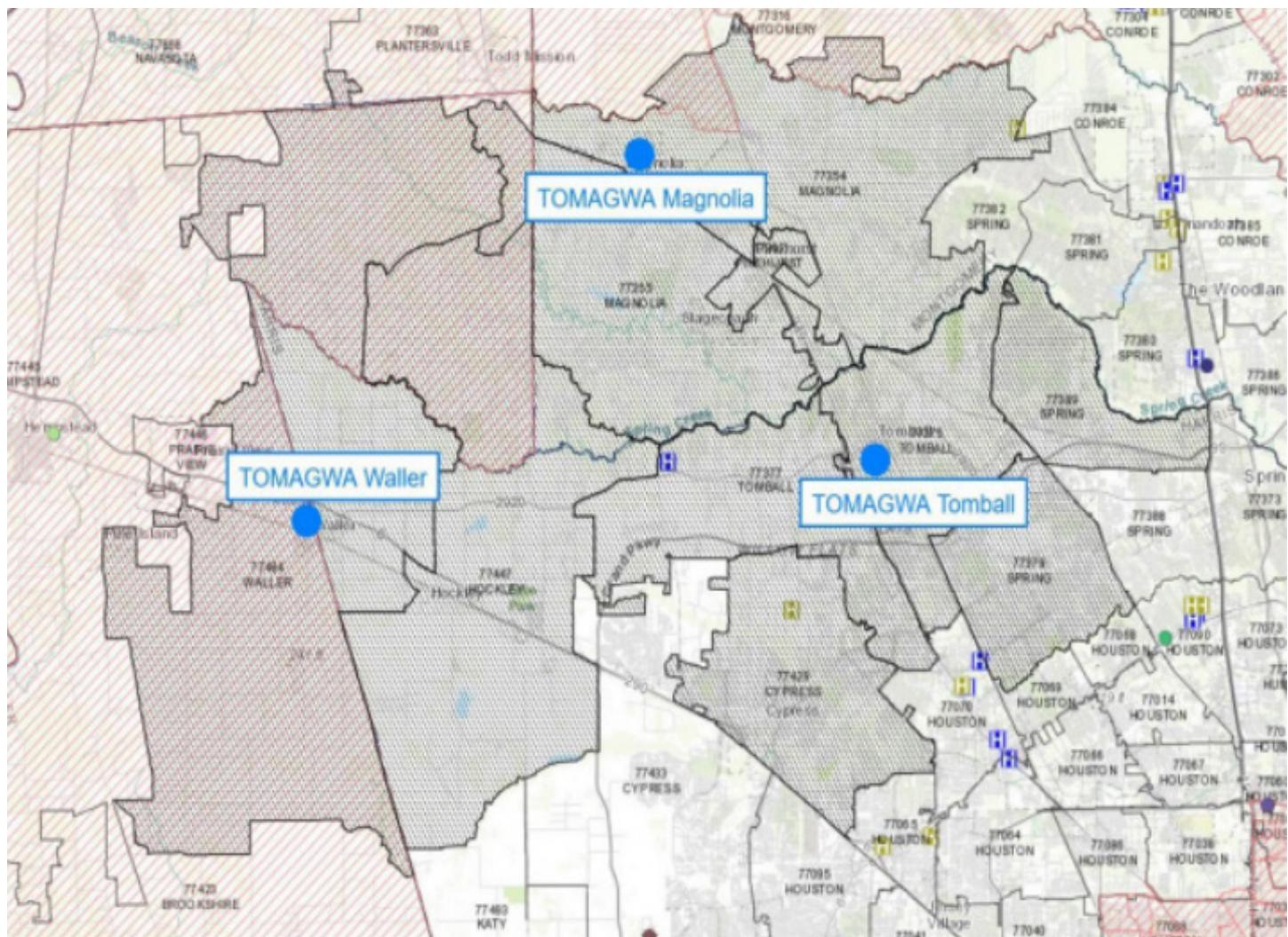
TOMAGWA Community Needs Assessment

TOMAGWA HealthCare Ministries (TOMAGWA) is committed to completing a thorough needs assessment at least every three years to inform and improve service delivery. The needs assessment examines factors associated with access to care and health care utilization, the most significant causes of morbidity and mortality, and associated health disparities, and other variables that impact health status or access to, or utilization of, primary care.

1. Service Area

TOMAGWA HealthCare Ministries was founded in 1989 to provide health services to the underserved in the **Tomball**, **Magnolia**, and **Waller** areas. Its service area encompasses a portion of three different counties: northwest portions of Harris County, the southern portion of Montgomery, and Waller county in its entirety. TOMAGWA is the only safety net provider in its service area. See service area map below. TOMAGWA operates three clinic locations, located in Tomball, Magnolia, and Waller. The Tomball location serves as the main clinic location and administrative offices.

Service Area Map



A. Service Area Boundaries

The service boundaries are defined by Zip Code Tabulation Areas (ZCTAs) and encompass the zip codes where 88 percent of TOMAGWA patients reside. ZCTAs included in the service area are 77354, 77375, 77355, 77377, 77362, 77447, 77379, 77484, 77429, and 77389. Within the defined service area, the majority of TOMAGWA patients reside in Magnolia (37%), followed by Tomball (28%), Spring (7%), and Pinehurst (5%). Other communities include Hockley, Waller, and Cypress, where 3-4% percent of TOMAGWA service area residents live. These smaller communities were selected in part to create a continuous service area encompassing TOMAGWA service sites. (See Service Area Map and Data Table). Table 1 identifies the number of patients living in each ZCTA, the community associated with each ZCTA, and the percentage of total patients they represented in 2019.

TOMAGWA Patient Population by Zip Code

	ZCTA	Community	Number of Patients	Percentage of Total
Service Area Zip Codes (88%)	77354	Magnolia	520	21%
	77375	Tomball	520	21%
	77355	Magnolia	403	16%
	77377	Tomball	184	7%
	77362	Pinehurst	119	5%
	77447	Hockley	107	4%
	77379	Spring	89	4%
	77484	Waller	83	3%
	77429	Cypress	73	3%
	77389	Spring	63	3%
Total			2161	88%

B. Annually Determining Service Area

As part of the annual reporting, all project scope documents are reviewed for accuracy (Form 5A, 5B, and 5C). The Form 5B review compares listed zip codes to the most recent report of unduplicated patients in each zip code, to ensure the zip codes listed on the form reflect where at least 75 percent of TOMAGWA patients reside. If there has been a shift in patient residence, staff brings it to the attention of health center leadership who in turn recommend updates or corrections to the board for approval.

C. Medically Underserved Area (MUA) and/or Medically Underserved Population (MUP)

MUA and MUP are designations used by Health Resources and Service Administration (HRSA) to help establish community health centers and distribute resources. MUA and MUP designations identify geographies and population subsets lacking sufficient access to primary care services. The MUA designation indicates a geographic area with a shortage of primary care. Within the TOMAGWA service area, Waller County and Montgomery County are designated MUAs.¹ The MUP designation indicates a primary care shortage within a geographic.

area for a specific population group, such as low-income, Medicaid eligible, or homeless. The identified population subsets face economic, cultural, or language barriers to health care.² Health Professional Shortage Areas (HPSA) identify geographies, populations, or facilities with a shortage of primary care, dental, or mental health providers. The National Health Service Corps (NHSC) created the shortage designations, and they are used by federal agencies to distribute program participants and resources. Geographic HPSA identifies a provider shortage for an entire group of people within the geographic area, while population HPSA is a provider shortage for a specific population group within the area. Facility HPSA identifies facilities within an HPSA experiencing a provider shortage, including FQHCs and Look-Alikes, which are automatically designated as facility HPSA. TOMAGWA serves Health Provider Shortage Areas (HPSA) for primary care and mental health in Waller, and for mental health in Harris.

Medically Underserved Area (MUA) and Medically Underserved Population (MUP)

COUNTY	Service Area Name	Designation	MUA/MUP/HP SA ID#	Index Score	Rural Status
Waller	Waller County	Medically Underserved Area	MUA 148258406	60.00	Partially Rural
Montgomery	Montgomery Service Area	Medically Underserved Area	03512	53.5	Non-Rural

Health Professional Shortage Area (HPSA)

Waller	Waller County	Primary Care HPSA	1484382331	14	Partially Rural
Waller	Waller County	Mental Health HPSA High Needs	7484226314	12	Partially Rural
Harris	Li-Harris County	Low Income Population Mental Health HPSA	7487929203	12	Non-Rural

D. Health Center Penetration

There are no Health Centers physically located within the TOMAGWA service area, however there are nine Health Centers also serving various portions of the TOMAGWA service area. There are no Look-Alikes currently serving the TOMAGWA service area. Health Centers also serving the TOMAGWA Service Area and the number of patients in the service area served by Health Centers is shown in the following table:

Patients & Health Centers in TOMAGWA Service Area

	Patients in TOMAGWA Service Area	%
LONE STAR COMMUNITY HEALTH CENTER, INC. 440 Rayford Rd Ste 150, Spring, TX 77386 (16 miles ~25 minutes from TOMAGWA Tomball)	311	8%
LEGACY COMMUNITY HEALTH SERVICES, INC. 5620 W Tidwell Rd, Houston, TX 77091 (21 miles ~28 minutes from TOMAGWA Tomball)	292	7%
SAINT HOPE FOUNDATION 1414 S. Frazier St., Suite 105/106, Conroe, TX 77301 (22 miles ~28 minutes from TOMAGWA Magnolia)	262	6%
HOUSTON AREA COMMUNITY SERVICES, INC. 7010 Sugar Pine Dr, Houston, TX 77090 (14 miles ~25 minutes from TOMAGWA Tomball)	166	4%
ASIAN AMERICAN HEALTH COALITION DBA HOPE CLINIC 3000 Aldine Mail Rte. Rd, Houston, TX 77039 (28 miles ~31 minutes from TOMAGWA Tomball)	156	4%
SPRING BRANCH COMMUNITY HEALTH CENTER 7777 Westgreen Blvd, Cypress, TX 77433 (22 miles ~25 minutes from TOMAGWA Waller)	126	3%
BRAZOS VALLEY COMMUNITY ACTION AGENCY, INC. 215 FM 1488 Rd, Hempstead, TX 77445 (10 miles ~15 minutes from TOMAGWA Waller)	59	1%
FORT BEND FAMILY HEALTH CENTER, INC.	20	0%
HEALTH CENTER OF SOUTHEAST TEXAS	19	0%
TOTAL HC PATIENTS IN SERVICE AREA	4032	100%

Health Center Penetration and Unmet Need

Penetration of the low-income population in the service area by Health Centers is only 5.59%. An estimated 68,149 low-income individuals and 44,850 uninsured individuals are not currently served by Health Centers.

Uninsured Individuals not Currently Served by Health Centers

Zip Code	Post Office Name	Health Center Count 2019	Dominant Health Center 2019	Patients Seen at Health Centers (#) 2019	Health Center Penetration of Low-Income (%)	Health Center Penetration of Total Population (%)	Low-Income Not Served by Health Centers (#)	Uninsured Not Served by Health Center (#)
Summary:				4032	0.05586	0.010326	68149	44850
77362*	Pinehurst	1	LONE STAR	55	0.026948	0.009228	1986	1064
77375*	Tomball	7	LONE STAR	537	0.038251	0.010173	13502	6548
77377*	Tomball	4	LEGACY	114	0.017843	0.00308	6275	3768
77379*	Spring	6	LEGACY	517	0.048192	0.006464	10211	7614
77389*	Spring	3	LONE STAR	402	0.097148	0.011372	3736	3381
77429*	Cypress	6	LEGACY	521	0.044526	0.005897	11180	7017
77447	Hockley	5	SPRING BRANCH	295	0.069103	0.019384	3974	2138
77484	Waller	5	BRAZOS VALLEY	521	0.149198	0.047111	2971	1834
77354	Magnolia	6	LONE STAR	751	0.080874	0.020475	8535	6247
77355*	Magnolia	5	LONE STAR	319	0.052312	0.011363	5779	5239

*Zip code is a HRSA “hot spot” with high unmet need

Service Area Needs Assessment Methodology (SANAM) uses publicly available data to assess unmet need for primary care, in order to assess unmet need for the Health Center Program in a fair, consistent manner. SANAM calculates an Unmet Need Score (UNS) for each ZIP code in the service area. Six out of ten ZIP codes in TOMAGWA service area are “hot spots” as defined by HRSA: ZIP Codes with UNS scores of 35 or greater that have no health center service site and the Health Center Penetration of the low-income population is 5% or less³. Hot Spot zip codes are 77362, 77375, 77377, 77379, 77429, 77355.

Other Area Providers

TOMAGWA is the only safety net provider physically located in its service area. There are 1882 primary care providers accepting STAR Medicaid in the service area. Houston Methodist and HCA Houston at Tomball provide acute hospital care in the service area. There are a limited number of private specialty providers in the Tomball and Magnolia communities.

Target Population/Health Care

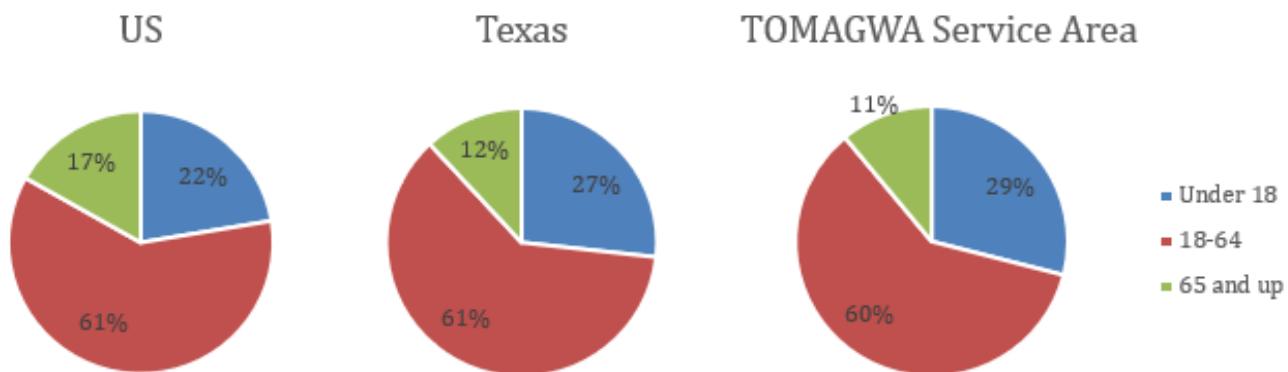
TOMAGWA HealthCare Ministries (TOMAGWA) completes a thorough needs assessment at least every three years to inform and improve service delivery.

The total population in the TOMAGWA service area is 390,471⁴.

Age

The 18–64-year-old population in the TOMAGWA community is proportionate to the age distribution of Texas and the United States. The TOMAGWA community is younger, with 29% under 18 years old in the service area, compared to 27% and 22% in Texas and the US, respectively. There are fewer 65 and older individuals in the service area, with 11% compared to 17% in the US.

Age Distribution - US, Texas, Service Area



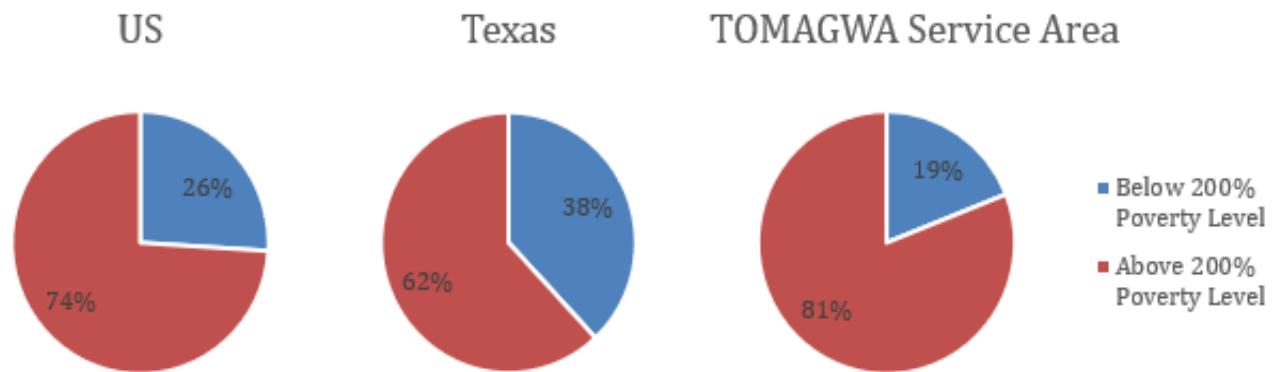
Race/Ethnicity

TOMAGWA serves a racially diverse community, with 38% of the population belonging to a racial/ethnic minority.

Low Income⁵

TOMAGWA's target population is low-income, uninsured and underinsured individuals, such as those covered by Medicaid or Medicare. This target population is estimated to be 72,181 (18.56%) in the TOMAGWA service area, based on the number of low-income individuals at or below 200% of the Federal Poverty Level. An estimated 6.84% of the service area population is living in poverty and 11.92% of the service area population are uninsured.

Low Income Distribution - US, Texas, Service Area



Low Income Distribution - Service Area Zip Codes

ZCTA	Post Office Name	Pop: Total (#) 2014-2018	Pop: Low Income (#) 2014-2018	Pop: Low Income (%) 2014-2018	Pop: Poverty (%) 2014-2018
Summary		390471	72181	19%	7%
77362	Pinehurst	5960	2041	35%	22%
77375	Tomball	52785	14039	27%	9%
77377	Tomball	37016	6389	17%	4%
77379	Spring	79986	10728	13%	5%
77389	Spring	35349	4138	12%	5%
77429	Cypress	88344	11701	13%	4%
77447	Hockley	15219	4269	28%	13%
77484	Waller	11059	3492	32%	13%
77354	Magnolia	36679	9286	25%	13%
77355	Magnolia	28074	6098	22%	7%

Uninsured

Despite the increased access to health insurance provided by the Affordable Care Act, many people in the TOMAGWA community lack insurance. The portion of the population that is uninsured averages 12% across the service area, and several ZIP codes are much higher. There are currently 44,850 individuals in the service area who are uninsured and not served by a Health Center. The high number of uninsured has been an important unmet need that TOMAGWA seeks to address, and could directly benefit from the sliding scale

Percent Uninsured and Percentiles (US Overall) by Service Area Zip Code

Linguistic Isolation

TOMAGWA serves a community with a high number of linguistically isolated individuals. Linguistic isolation is defined as the fraction of the population over the age of 5 who cannot speak English at least “very well” ⁶. Over 3% of households in the TOMAGWA service area are households with limited English proficiency ⁷.

The community served by TOMAGWA is in the 85th percentile of linguistic isolation compared to the rest of the country. Linguistic and cultural differences impact a population’s ability to access health care as well as to participate in behaviors that promote health.

Zip Code	Uninsured	Percentile
77354	12%	81
77375	11%	76
77355	14%	89
77377	9%	68
77362	14%	88
77447	15%	92
77379	11%	78
77484	18%	96
77429	8%	61
77389	8%	61

Chronic Diseases

Within the TOMAGWA service area, the leading chronic diseases are heart disease, respiratory illness, cancer, obesity, and diabetes. The population health indicator “Adults ever told they have high blood pressure” is as much as 42%, and “adults who smoke” is 19% within the TOMAGWA service area, higher than the 17.5% national average ⁸. Adults who are obese is 41% and diabetes affects 20% of the adults in the service area.

Access to Care

Adults without a usual source of care is 27%, and adults with no dental visit in the past year is 28%. Adults who have delayed or not sought care due to cost is estimated to be 21% within the TOMAGWA community.

Behavioral Health

County level data from the TOMAGWA service area shows suicide rates above the statewide and national average in both Montgomery County and Waller County. Montgomery and Waller Counties have a higher percentage of adults with self-reported poor mental health, and a higher suicide rate, when compared to state and national benchmarks. The Montgomery County suicide rate has exceeded the Healthy People 2020 goal every year since 2006. Montgomery County also has a higher percentage of adults with a diagnosed depressive disorder, but it should be noted that the percentage is based on a low sample size and is not supported by year-overyear trends. Waller County year-over-year suicide trends are not reported due to low death counts. The county's current three-year (2013-2015) death rate exceeds the Healthy People 2020 goal by nearly 8 points.

Behavioral Health Measures

	Suicide per Age Adjusted 100,000	Mental & Behavioral Disorders Death per Age- Adjusted 100,000	Drug-Induced Death per Age- Adjusted 100,000
Harris County	10.7	28.8	10.2
Montgomery County	16.5	31.9	11.3
Waller County	17.9	32.1	9.8
Texas	12.5	32.6	9.9
United States	13.3	36.3	17.2
HP 2020	10.2	NA	11.3

Source: CDC WONDER, 2011-2015, 2013-2015 & 2015 & Healthy People 2020

Life Expectancy⁹

Several census tracts within the TOMAGWA service area have life expectancy lower than the Texas state average of 78.8 years. These tracts are clustered near the Magnolia and Tomball clinic.

Service Area Life Expectancy

State	County	Census Tract	Life Expectancy at Birth (years)
Texas	Harris County	5554.01	73.6
Texas	Harris County	5554.02	75.5
Texas	Harris County	5555.01	75.6
Texas	Montgomery County	6901.00	76.7
Texas	Montgomery County	6902.02	75.5
Texas	Montgomery County	6903.00	76.5

Conclusion

The findings of this Community Needs Assessment are used to identify the healthcare priorities of focus for TOMAGWA Healthcare Ministries and the communities it serves. The service gaps outlined in this report such as health center penetration, unmet need and access to care will serve as the foundation for TOMAGWA's efforts to implement a comprehensive plan to provide the highest quality of care and improve the health status of our community.

**This Community Needs Assessment is presented by the board and leadership of
TOMAGWA HealthCare Ministries**

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Kendra Windisch	MD Anderson Cancer Center
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¹Health Resources and Services Administration. 2021. “MUA Find”
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⁵U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement (CPS ASEC). (Web Document). <https://www.census.gov/data/datasets/time-series/demo/cps/cps-asec.html>. Accessed March 1, 2021.

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⁹ Centers for Disease Control and Prevention, National Center for Health Statistics, Data Visualization Gallery. “Life Expectancy at Birth for U.S. States and Census Tracts, 2010-2015”. (Web Application).
<https://www.cdc.gov/nchs/data-visualization/life-expectancy/> Accessed Feb 10, 2021.

Additional Resources: University of Texas School of Public Health. CHARTing Health Information: Access to

Our Locations

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