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Appendix A. Secondary Data Methodology

Secondary Data Sources

The main source for the secondary data, or data that has been previously collected, is the community indicator database maintained by Conduent Healthy Communities Institute. The following is a list of both local and national data sources used in Memorial Hermann Memorial Hermann Greater Heights Hospital Community Health Needs Assessment.
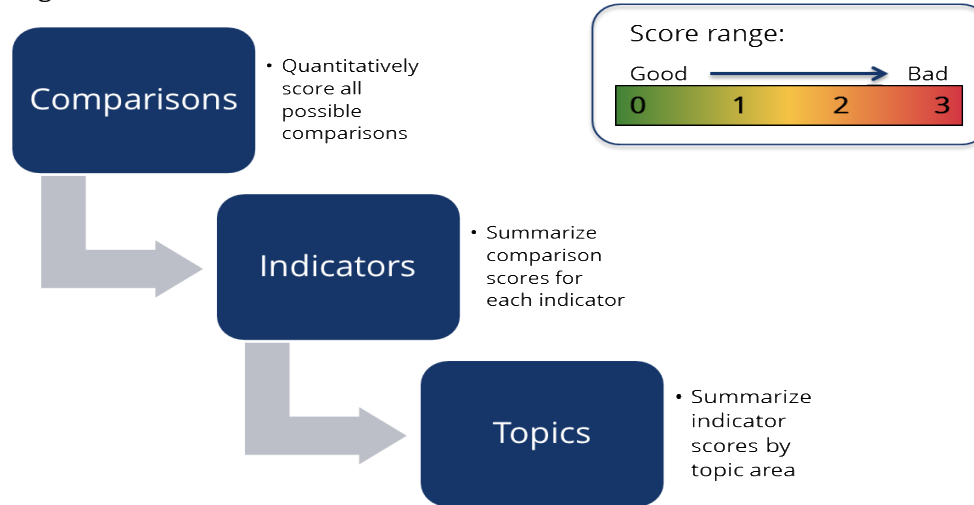
Harris County Data Sources
- American Community Survey
- American Lung Association
- CDC - PLACES
- Centers for Disease Control and Prevention
- Centers for Medicare & Medicaid Services
- County Health Rankings
- Feeding America
- Healthy Communities Institute
- National Cancer Institute
- National Center for Education Statistics
- National Environmental Public Health Tracking Network
- Texas Department of Family and Protective Services
- Texas Department of State Health Services
- Texas Education Agency
- Texas Secretary of State
- U.S. Bureau of Labor Statistics
- U.S. Census - County Business Patterns
- U.S. Department of Agriculture - Food Environment Atlas
- U.S. Environmental Protection Agency
- United For ALICE

Secondary Data Scoring

Secondary Data Scoring Detailed Methodology
Data Scoring is done in three stages:

For every indicator available, each county in the Hospital Service Area is assigned a score based on its comparison to other communities, whether health targets have been met, and the trend of the indicator value over time. These comparison scores range from 0-3, where 0 indicates the best outcome and 3 the worst. Availability of each type of comparison varies by indicator and is dependent upon the data source, comparability with data collected for other communities, and changes in methodology over time. Indicators are categorized into topic areas and each topic area receives a score. Indicators may be categorized in more than one topic area. Topic scores are determined by the comparisons of all indicators within the topic. Secondary data for this report are up to date as of November 1, 2021.

Comparison to a Distribution of County Values: Within State and Nation
For ease of interpretation and analysis, indicator data on the Community Dashboard is visually represented as a green-yellow-red gauge showing how the community is faring against a distribution of counties in the state or the United States. A distribution is created by taking all county values within the state or nation, ordering them from low to high, and dividing them into three groups (green, yellow, red) based on their order. Indicators with the poorest comparisons ("in the red") scored high, whereas indicators with good comparisons ("in the green") scored low.

Comparison to Values: State, National, and Targets

The county is compared to the state value, the national value, and target values. Target values include the nation-wide Healthy People 2030 (HP2030) goals. Healthy People 2030 goals are national objectives for improving the health of the nation set by the Department of Health and Human Services' (DHHS) Healthy People Initiative. For all value comparisons, the scoring depends on whether the county value is better or worse than the comparison value, as well as how close the county value is to the target value.

Trend Over Time

The Mann-Kendall statistical test for trend was used to assess whether the county value is increasing over time or decreasing over time, and whether the trend is statistically significant. The trend comparison uses the four most recent comparable values for the county, and statistical significance is determined at the 90% confidence level. For each indicator with values available for four time periods, scoring was determined by direction of the trend and statistical significance.

Missing Values

Indicator scores are calculated using the comparison scores, availability of which depends on the data source. If the comparison type is possible for an adequate proportion of indicators on the community dashboard, it will be included in the indicator score. After exclusion of comparison types with inadequate availability, all missing comparisons are substituted with a neutral score for the purposes of calculating the indicator's weighted average. When information is unknown due to lack of comparable data, the neutral value assumes that the missing comparison score is neither good nor bad.

Indicator Scoring

Indicator scores are calculated as a weighted average of all included comparison scores. If none of the included comparison types are possible for an indicator, no score is calculated, and the indicator is excluded from the data scoring results.

Topic Scoring

Indicator scores are averaged by topic area to calculate topic scores. Each indicator may be included in up to three topic areas if appropriate. Resulting scores range from 0-3, where a higher score indicates a greater level of need as evidenced by the data. A topic score is only calculated if it includes at least three indicators.

Hospital Service Area County Data Scoring Results

Harris County Topic Scores

Health and Quality of Life Topics	Score
Sexually Transmitted Infections	2.21
Economy	1.66
Immunizations & Infectious Diseases	1.63
Maternal, Fetal & Infant Health	1.63
Diabetes	1.61
Older Adults	1.57
Prevention & Safety	1.57
Children's Health	1.54
Community	1.53
Other Conditions	1.53
Education	1.48
Women's Health	1.47
Physical Activity	1.43
Heart Disease & Stroke	1.41
Wellness & Lifestyle	1.40
Environmental Health	1.34
Health Care Access & Quality	1.30
Alcohol & Drug Use	1.30
Cancer	1.14
Mental Health & Mental Disorders	1.12
Oral Health	0.96
Respiratory Diseases	0.88

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Harris County Indicator Scores

SCORE	ALCOHOL & DRUG USE	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.00	Alcohol-Impaired Driving Deaths	percent of driving deaths with alcohol involvement	32.9	28.3	25.7	27	2015-2019		6
1.67	Death Rate due to Drug Poisoning	deaths/ 100,000 population	12.4		10.6	21	2017-2019		6
1.25	Adults who Binge Drink	percent	15.3			16.4	2018		3
1.06	Liquor Store Density	stores/ 100,000 population	6.6		6.9	10.5	2019		17
0.50	Adults who Drink Excessively	percent	16.2		19	19	2018		6

SCORE	CANCER	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.33	Colon Cancer Screening	percent	55.4	74.4		66.4	2018		3
2.25	Cancer: Medicare Population	percent	8.2		7.6	8.4	2018		5
1.83	Cervical Cancer Incidence Rate	cases/ 100,000 females	10.3		9.2	7.6	2013-2017		9
1.78	Cervical Cancer Screening: 21-65	Percent	81.8	84.3		84.7	2018		3
1.69	Age-Adjusted Death Rate due to Breast Cancer	deaths/ 100,000 females	21.4	15.3	19.8	20.1	2013-2017		9
1.36	Prostate Cancer Incidence Rate	cases/ 100,000 males	98		94	104.5	2013-2017		9
1.28	Mammogram in Past 2 Years: 50-74	percent	72.4	77.1		74.8	2018		3
1.25	Age-Adjusted Death Rate due to Prostate Cancer	deaths/ 100,000 males	19.2	16.9	17.6	19	2013-2017	Black (36.1) White (18.9) API (5.8) Hispanic (12.1)	9
1.00	Age-Adjusted Death Rate due to Colorectal Cancer	deaths/ 100,000 population	13.8	8.9	13.9	13.7	2013-2017		9

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							Year		
0.75	Adults with Cancer	percent	5.2			6.9	2018		3
0.75	Breast Cancer Incidence Rate	cases/ 100,000 females	111.2		112.8	125.9	2013-2017		9
0.75	Colorectal Cancer Incidence Rate	cases/ 100,000 population	37.5		37.6	38.4	2013-2017		9
0.67	Age-Adjusted Death Rate due to Cancer	deaths/ 100,000 population	145.9	122.7	148.8	155.5	2013-2017		9
0.67	Oral Cavity and Pharynx Cancer Incidence Rate	cases/ 100,000 population	10.7		11	11.8	2013-2017		9
0.42	All Cancer Incidence Rate	cases/ 100,000 population	395.1		407.7	448.7	2013-2017		9
0.33	Age-Adjusted Death Rate due to Lung Cancer	deaths/ 100,000 population	31.3	25.1	34.1	38.5	2013-2017	Black (42.1) White (37.2) API (18.3) Hispanic (14.5)	9
0.25	Lung and Bronchus Cancer Incidence Rate	cases/ 100,000 population	47.5		50.6	58.3	2013-2017	Black (60.6) White (55.5) AIAN (13.1) API (33.3) Hispanic (24.2)	9

SCORE	CHILDREN'S HEALTH	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
1.92	Projected Child Food Insecurity Rate	percent	25.5		23.6		2021		7
1.83	Child Food Insecurity Rate	percent	20.1		19.6	14.6	2019		7
1.67	Children with Health Insurance	percent	85		87.3	94.3	2019		1
1.50	Children with Low Access to a Grocery Store	percent	5.4				2015		18
0.78	Substantiated Child Abuse Rate	cases/ 1,000 children	5.2	8.7	9.1		2020		12

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SCORE	COMMUNITY	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.75	Mean Travel Time to Work	minutes	29.5		26.6	26.9	2015-2019		1
2.64	Linguistic Isolation	percent	11.9		7.7	4.4	2015-2019		1
2.47	Homeownership	percent	49.6		54.9	56.2	2015-2019		1
2.14	Workers who Walk to Work	percent	1.4		1.5	2.7	2015-2019	Black (1.3) White (1.3) Asian (1.5) AIAN (2.4) NHPI (0) Multi. (2.6) Other (1.7) Hispanic (1.5)	1
2.11	Violent Crime Rate	crimes/ 100,000 population	730.4		420.4	386.5	2014-2016		6
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	deaths/ 100,000 population	4.5		2.7	2.5	2015-2019		4
2.00	Alcohol-Impaired Driving Deaths	percent of driving deaths with alcohol involvement	32.9	28.3	25.7	27	2015-2019		6

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1.86	Single-Parent Households	percent	28.4		26.3	25.5	2015-2019		1
1.75	Children Living Below Poverty Level	percent	23.4		20.9	18.5	2015-2019		1
1.75	Workers who Drive Alone to Work	percent	80		80.5	76.3	2015-2019		1
1.67	People Living Below Poverty Level	percent	15.7	8	14.7	13.4	2015-2019		1
1.58	People 25+ with a High School Degree or Higher	percent	81.4		83.7	88	2015-2019		1
1.58	Voter Turnout: Presidential Election	percent	65.9		66.7		2020		15
1.53	Households without a Vehicle	percent	6		5.3	8.6	2015-2019		1
1.50	Workers Commuting by Public Transportation	percent	2.5	5.3	1.4	5	2015-2019	Black (4.8) White (1.6) Asian (3.6) AIAN (3.9) NHPI (5.6) Multi (2) Other (2.6) Hispanic (2)	1

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		Units	Value				Year		
1.00	Households with No Car and Low Access to a Grocery Store	percent	0.9				2015		18
0.83	Households with an Internet Subscription	percent	83.8		82.1	83	2015-2019		1
0.83	Households with One or More Types of Computing Devices	percent	91.6		91	90.3	2015-2019		1
0.78	Substantiated Child Abuse Rate	cases/ 1,000 children	5.2	8.7	9.1		2020		12
0.75	Median Household Income	dollars	61705		61874	62843	2015-2019		1
0.58	People 25+ with a Bachelor's Degree or Higher	percent	31.5		29.9	32.1	2015-2019		1
0.58	People 65+ Living Alone	percent	23.4		23.3	26.1	2015-2019		1
0.58	Per Capita Income	dollars	32765		31277	34103	2015-2019		1

SCORE	DIABETES	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.00	Adults 20+ with Diabetes	percent	10.2				2019		4
1.67	Diabetes: Medicare Population	percent	28.7		28.8	27	2018		5
1.17	Age-Adjusted Death Rate due to Diabetes	deaths/ 100,000 population	20.4		22	21.5	2017-2019		4

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SCORE	ECONOMY	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.58	Renters Spending 30% or More of Household Income on Rent	percent	49.9		47.8	49.6	2015-2019		1
2.47	Homeownership	percent	49.6		54.9	56.2	2015-2019		1
2.33	Unemployed Workers in Civilian Labor Force	percent	6.8		6	5.7	July 2021		16
2.14	People 65+ Living Below Poverty Level	percent	11.3		10.6	9.3	2015-2019	Black (15.6) White (5.7) Asian (16.7) AIAN (20) NHPI (0) Multi (16.5) Other (22.9) Hispanic (18.1)	1
2.14	SNAP Certified Stores	stores/ 1,000 population	0.6				2017		18
2.08	Severe Housing Problems	percent	19.9		17.4	18	2013-2017		6
1.97	Homeowner Vacancy Rate	percent	1.7		1.6	1.6	2015-2019		1

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1.97	Students Eligible for the Free Lunch Program	percent	63.3				2019-2020		10
1.92	Projected Child Food Insecurity Rate	percent	25.5		23.6		2021		7
1.83	Child Food Insecurity Rate	percent	20.1		19.6	14.6	2019		7
1.83	Households that are Asset Limited, Income Constrained, Employed (ALICE)	percent	33.5		30		2018		20
1.75	Children Living Below Poverty Level	percent	23.4		20.9	18.5	2015-2019		1
1.75	Families Living Below Poverty Level	percent	13		11.3	9.5	2015-2019		1
1.75	Projected Food Insecurity Rate	percent	17		16.5		2021		7
1.67	Food Insecurity Rate	percent	13.9		14.1	10.9	2019		7
1.67	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	percent	51.6		56		2018		20

1.67	People Living Below Poverty Level	percent	15.7	8	14.7	13.4	2015-2019		1
1.50	Households that are Below the Federal Poverty Level	percent	15		14		2018		20
1.33	Low-Income and Low Access to a Grocery Store	percent	6.3				2015		18
1.25	People Living 200% Above Poverty Level	percent	63.7		65.7	69.1	2015-2019		1
1.08	Size of Labor Force	persons	2311102				July 2021		16
1.03	Households with Cash Public Assistance Income	percent	1.4		1.4	2.4	2015-2019		1
0.75	Median Household Income	dollars	61705		61874	62843	2015-2019		1
0.58	Per Capita Income	dollars	32765		31277	34103	2015-2019		1
0.58	Persons with Disability Living in Poverty (5-year)	percent	22.9		23.2	26.1	2015-2019		1

SCORE	EDUCATION	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
1.86	High School Drop Out Rate	percent	7.3		1.6		2020	Black (8.8) White (4.5) Asian (1.7) AIAN (16.7) PI (14) Multi (4.1) Hispanic (8.4)	14
1.69	Student-to-Teacher Ratio	students/ teacher	16				2019-2020		10
1.67	Infants Born to Mothers with <12 Years Education	percent	22.3		17.4	13.3	2017	Black (12.6) White (4.9) Other (8.2) Hispanic (36.7)	13
1.58	People 25+ with a High School Degree or Higher	percent	81.4		83.7	88	2015-2019		1
0.58	People 25+ with a Bachelor's Degree or Higher	percent	31.5		29.9	32.1	2015-2019		1

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SCORE	ENVIRONMENTAL HEALTH	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.14	SNAP Certified Stores	stores/ 1,000 population	0.6				2017		18
2.08	Severe Housing Problems	percent	19.9		17.4	18	2013-2017		6
1.75	Annual Ozone Air Quality	Grade	F				2017-2019		2
1.75	Annual Particle Pollution	Count	3				2017-2019		2
1.67	Fast Food Restaurant Density	restaurants / 1,000 population	0.7				2016		18
1.64	Number of Extreme Precipitation Days	days	41				2016		11
1.64	Recognized Carcinogens Released into Air	pounds	2125998				2019		19
1.50	Children with Low Access to a Grocery Store	percent	5.4				2015		18
1.50	Farmers Market Density	markets/ 1,000 population	0				2018		18

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	Indicator	Units	Value				Year		Rank
1.50	Grocery Store Density	stores/ 1,000 population	0.2				2016		18
1.36	Asthma: Medicare Population	percent	4.7		4.9	5	2018		5
1.36	Number of Extreme Heat Events	events	1				2016		11
1.36	Weeks of Moderate Drought or Worse	weeks per year	9				2016		11
1.33	Low-Income and Low Access to a Grocery Store	percent	6.3				2015		18
1.19	Food Environment Index		7.3		5.9	7.8	2021		6
1.17	Recreation and Fitness Facilities	facilities/ 1,000 population	0.1				2016		18
1.08	Number of Extreme Heat Days	days	2				2016		11
1.06	Liquor Store Density	stores/ 100,000 population	6.6		6.9	10.5	2019		17
1.00	Households with No Car and Low Access to a Grocery Store	percent	0.9				2015		18

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1.00	**People 65+ with Low Access to a Grocery Store**	percent	1.4				2015		18
0.92	**Adults with Current Asthma**	percent	8.6			9.2	2018		3
0.67	**Access to Exercise Opportunities**	percent	90.6		80.5	84	2020		6
0.08	**Houses Built Prior to 1950**	percent	5.9		6.9	17.5	2015-2019		1

SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.08	Adults without Health Insurance	percent	28.9			12.2	2018		3
1.92	Adults who have had a Routine Checkup	percent	73			76.7	2018		3
1.83	Adults with Health Insurance	percent	71		75.5	87.1	2019		1
1.67	Children with Health Insurance	percent	85		87.3	94.3	2019		1
1.58	Adults who Visited a Dentist	percent	59.1			66.5	2018		3
1.11	Primary Care Provider Rate	providers/ 100,000 population	58.5		60.9		2018		6
0.67	Mental Health Provider Rate	providers/ 100,000 population	124.9		120.9		2020		6
0.50	Non-Physician Primary Care Provider Rate	providers/ 100,000 population	97.9		88.6		2020		6
0.33	Dentist Rate	dentists/ 100,000 population	70.7		59.6		2019		6

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SCORE	HEART DISEASE & STROKE	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.08	Adults who Have Taken Medications for High Blood Pressure	percent	71.7			75.8	2017		3
1.92	Stroke: Medicare Population	percent	4.7		4.2	3.8	2018		5
1.83	Heart Failure: Medicare Population	percent	16.2		15.6	14	2018		5
1.75	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	deaths/ 100,000 population 35+ years	40.6	33.4	40.2	37.2	2017-2019		4
1.75	Cholesterol Test History	percent	79.5			81.5	2017		3
1.67	Ischemic Heart Disease: Medicare Population	percent	29.2		29	26.8	2018		5
1.64	Hyperlipidemia: Medicare Population	percent	46.7		49.5	47.7	2018		5
1.47	Atrial Fibrillation: Medicare Population	percent	7.9		7.8	8.4	2018		5

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1.31	**Hypertension: Medicare Population**	percent	**57.9**		**59.9**	**57.2**	**2018**		**5**
1.14	**Age-Adjusted Death Rate due to Heart Attack**	deaths/ 100,000 population 35+ years	**51.1**		**70.1**		**2018**		**11**
1.08	**High Cholesterol Prevalence: Adults 18+**	percent	**34.9**			**34.1**	**2017**		**3**
1.00	**High Blood Pressure Prevalence**	percent	**31**	**27.7**		**32.4**	**2017**		**3**
0.92	**Adults who Experienced a Stroke**	percent	**3.2**			**3.4**	**2018**		**3**
0.92	**Adults who Experienced Coronary Heart Disease**	percent	**6.2**			**6.8**	**2018**		**3**
0.67	**Age-Adjusted Death Rate due to Coronary Heart Disease**	deaths/ 100,000 population 35+ years	**85.3**	**71.1**	**93**	**90.5**	**2017-2019**		**4**

SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.50	Gonorrhea Incidence Rate	cases/ 100,000 population	185.8		163.6	179.1	2018		13
2.25	Syphilis Incidence Rate	cases/ 100,000 population	12		8.8	10.8	2018		13
2.22	Chlamydia Incidence Rate	cases/ 100,000 population	583.5		508.2	539.9	2018		13
1.86	HIV Diagnosis Rate	cases/ 100,000 population	25.4		15.7		2018		13
1.67	Tuberculosis Incidence Rate	cases/ 100,000 population	6.1	1.4	4.3		2015-2019		13
1.36	COVID-19 Daily Average Case-Fatality Rate	deaths per 100 cases	2.4		6.7	2.6	November 2021		8
0.67	Age-Adjusted Death Rate due to Influenza and Pneumonia	deaths/ 100,000 population	12.1		11.8	13.8	2017-2019		4
0.53	COVID-19 Daily Average Incidence Rate	cases per 100,000 population	5.7		8.3	27.2	November 2021		8

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SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.39	Mothers who Received Early Prenatal Care	percent	51.3		60.5	77.3	2017		13
1.89	Infant Mortality Rate	deaths/ 1,000 live births	6.3	5	5.8	5.8	2017		13
1.72	Preterm Births	percent	12.6	9.4	12.2		2017		13
1.67	Infants Born to Mothers with <12 Years Education	percent	22.3		17.4	13.3	2017	Black (12.6) White (4.9) Other (8.2) Hispanic (36.7)	13
1.61	Babies with Low Birth Weight	percent	8.5		8.2	8.1	2015		13
1.44	Babies with Very Low Birth Weight	percent	1.5			1.4	2015	Black (2.93298137) White (0.94289586) Other (1.23381568) Hispanic (1.23844986)	13
0.67	Teen Births	percent	1.9		2.1	3.1	2017	Black (1.9) White (0.5) Other (0.3) Hispanic (2.8)	13

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SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.14	Alzheimer's Disease or Dementia: Medicare Population	percent	12.4		12.6	10.8	2018		5
1.25	Poor Mental Health: 14+ Days	percent	13			12.7	2018		3
1.14	Age-Adjusted Death Rate due to Alzheimer's Disease	deaths/ 100,000 population	30.9		38.5	30.5	2017-2019		4
1.00	Frequent Mental Distress	percent	12.7		11.6	13	2018		6
1.00	Poor Mental Health: Average Number of Days	days	4		3.8	4.1	2018		6
0.97	Depression: Medicare Population	percent	16.1		18.2	18.4	2018		5
0.81	Age-Adjusted Death Rate due to Suicide	deaths/ 100,000 population	10.6	12.8	13.5	14.1	2017-2019		4
0.67	Mental Health Provider Rate	providers/ 100,000 population	124.9		120.9		2020		6

SCORE	MORTALITY DATA	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	deaths/ 100,000 population	4.5		2.7	2.5	2015-2019		4
2.00	Alcohol-Impaired Driving Deaths	percent of driving deaths with alcohol involvement	32.9	28.3	25.7	27	2015-2019		6
1.89	Infant Mortality Rate	deaths/ 1,000 live births	6.3	5	5.8	5.8	2017		13
1.75	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	deaths/ 100,000 population	40.6	33.4	40.2	37.2	2017-2019		4
1.69	Age-Adjusted Death Rate due to Breast Cancer	deaths/ 100,000 females	21.4	15.3	19.8	20.1	2013-2017		9
1.67	Death Rate due to Drug Poisoning	deaths/ 100,000 population	12.4		10.6	21	2017-2019		6
1.25	Age-Adjusted Death Rate due to Prostate Cancer	deaths/ 100,000 males	19.2	16.9	17.6	19	2013-2017	Black (36.1) White (18.9) API (5.8) Hispanic (12.1)	9
1.17	Age-Adjusted Death Rate due to Diabetes	deaths/ 100,000 population	20.4		22	21.5	2017-2019		4

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1.17	Age-Adjusted Death Rate due to Falls	deaths/ 100,000 population	9.4		7.9	9.5	2017-2019		4
1.14	Age-Adjusted Death Rate due to Alzheimer's Disease	deaths/ 100,000 population	30.9		38.5	30.5	2017-2019		4
1.14	Age-Adjusted Death Rate due to Heart Attack	deaths/ 100,000 population 35+ years	51.1		70.1		2018		11
1.00	Age-Adjusted Death Rate due to Colorectal Cancer	deaths/ 100,000 population	13.8	8.9	13.9	13.7	2013-2017		9
0.94	Age-Adjusted Death Rate due to Unintentional Injuries	deaths/ 100,000 population	39.2	43.2	38.7	48.9	2017-2019		4
0.83	Life Expectancy	years	79.9		79.2	79.2	2017-2019		6
0.81	Age-Adjusted Death Rate due to Suicide	deaths/ 100,000 population	10.6	12.8	13.5	14.1	2017-2019		4
0.67	Age-Adjusted Death Rate due to Cancer	deaths/ 100,000 population	145.9	122.7	148.8	155.5	2013-2017		9
0.67	Age-Adjusted Death Rate due to Coronary Heart Disease	deaths/ 100,000 population	85.3	71.1	93	90.5	2017-2019		4

0.67	**Age-Adjusted Death Rate due to Influenza and Pneumonia**	**deaths/ 100,000 population**	**12.1**		**11.8**	**13.8**	**2017-2019**		**4**
0.33	**Age-Adjusted Death Rate due to Lung Cancer**	**deaths/ 100,000 population**	**31.3**	**25.1**	**34.1**	**38.5**	**2013-2017**	**Black (42.1) White (37.2) API (18.3) Hispanic (14.5)**	**9**

CONDUENT

SCORE	OLDER ADULTS	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.75	Chronic Kidney Disease: Medicare Population	percent	27.8		26.7	24.5	2018		5
2.58	Osteoporosis: Medicare Population	percent	7		6.8	6.6	2018		5
2.33	Colon Cancer Screening	percent	55.4	74.4		66.4	2018		3
2.25	Cancer: Medicare Population	percent	8.2		7.6	8.4	2018		5
2.14	Alzheimer's Disease or Dementia: Medicare Population	percent	12.4		12.6	10.8	2018		5
2.14	People 65+ Living Below Poverty Level	percent	11.3		10.6	9.3	2015-2019	Black (15.6) White (5.7) Asian (16.7) AIAN (20) NHPI (0) Multi (16.5) Other (22.9) Hispanic (18.1)	1
2.08	Adults 65+ who Received Recommended Preventive Services: Females	percent	22.9			28.4	2018		3

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2.08	**Adults 65+ who Received Recommended Preventive Services: Males**	percent	23.2			32.4	2018		3
1.92	**Stroke: Medicare Population**	percent	4.7		4.2	3.8	2018		5
1.83	**Heart Failure: Medicare Population**	percent	16.2		15.6	14	2018		5
1.67	**Diabetes: Medicare Population**	percent	28.7		28.8	27	2018		5
1.67	**Ischemic Heart Disease: Medicare Population**	percent	29.2		29	26.8	2018		5
1.64	**Hyperlipidemia: Medicare Population**	percent	46.7		49.5	47.7	2018		5
1.47	**Atrial Fibrillation: Medicare Population**	percent	7.9		7.8	8.4	2018		5
1.36	**Asthma: Medicare Population**	percent	4.7		4.9	5	2018		5
1.31	**Hypertension: Medicare Population**	percent	57.9		59.9	57.2	2018		5

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1.25	Adults 65+ with Total Tooth Loss	percent	14.8			13.5	2018		3
1.17	Age-Adjusted Death Rate due to Falls	deaths/ 100,000 population	9.4		7.9	9.5	2017-2019		4
1.14	Age-Adjusted Death Rate due to Alzheimer's Disease	deaths/ 100,000 population	30.9		38.5	30.5	2017-2019		4
1.00	People 65+ with Low Access to a Grocery Store	percent	1.4				2015		18
0.97	Depression: Medicare Population	percent	16.1		18.2	18.4	2018		5
0.75	Adults with Arthritis	percent	20.2			25.8	2018		3
0.64	COPD: Medicare Population	percent	10		11.2	11.5	2018		5
0.64	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	percent	29.5		34.2	33.5	2018		5
0.58	People 65+ Living Alone	percent	23.4		23.3	26.1	2015-2019		1

SCORE	ORAL HEALTH	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
1.58	Adults who Visited a Dentist	percent	59.1			66.5	2018		3
1.25	Adults 65+ with Total Tooth Loss	percent	14.8			13.5	2018		3
0.67	Oral Cavity and Pharynx Cancer Incidence Rate	cases/ 100,000 population	10.7		11	11.8	2013-2017		9
0.33	Dentist Rate	dentists/ 100,000 population	70.7		59.6		2019		6

SCORE	OTHER CONDITIONS	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.75	Chronic Kidney Disease: Medicare Population	percent	27.8		26.7	24.5	2018		5
2.58	Osteoporosis: Medicare Population	percent	7		6.8	6.6	2018		5
0.92	Adults with Kidney Disease	Percent of adults	3			3.1	2018		3
0.75	Adults with Arthritis	percent	20.2			25.8	2018		3
0.64	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	percent	29.5		34.2	33.5	2018		5

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SCORE	PHYSICAL ACTIVITY	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.17	Adults 20+ who are Obese	percent	30.9	36			2019		4
2.14	SNAP Certified Stores	stores/ 1,000 population	0.6				2017		18
2.14	Workers who Walk to Work	percent	1.4		1.5	2.7	2015-2019	Black (1.3) White (1.3) Asian (1.5) AIAN (2.4) NHPI (0) Multi (2.6) Other (1.7) Hispanic (1.5)	1
1.67	Fast Food Restaurant Density	restaurants/ 1,000 population	0.7				2016		18
1.50	Children with Low Access to a Grocery Store	percent	5.4				2015		18
1.50	Farmers Market Density	markets/ 1,000 population	0				2018		18
1.50	Grocery Store Density	stores/ 1,000 population	0.2				2016		18

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1.33	**Low-Income and Low Access to a Grocery Store**	percent	6.3				2015		18
1.19	**Food Environment Index**		7.3		5.9	7.8	2021		6
1.17	**Recreation and Fitness Facilities**	facilities/ 1,000 population	0.1				2016		18
1.08	**Adults 20+ who are Sedentary**	percent	20.8				2019		4
1.00	**Households with No Car and Low Access to a Grocery Store**	percent	0.9				2015		18
1.00	**People 65+ with Low Access to a Grocery Store**	percent	1.4				2015		18
0.67	**Access to Exercise Opportunities**	percent	90.6		80.5	84	2020		6

SCORE	PREVENTION & SAFETY	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.08	Severe Housing Problems	percent	19.9		17.4	18	2013-2017		6
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	deaths/ 100,000 population	4.5		2.7	2.5	2015-2019		4
1.67	Death Rate due to Drug Poisoning	deaths/ 100,000 population	12.4		10.6	21	2017-2019		6
1.17	Age-Adjusted Death Rate due to Falls	deaths/ 100,000 population	9.4		7.9	9.5	2017-2019		4
0.94	Age-Adjusted Death Rate due to Unintentional Injuries	deaths/ 100,000 population	39.2	43.2	38.7	48.9	2017-2019		4

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SCORE	RESPIRATORY DISEASES	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
1.67	Tuberculosis Incidence Rate	cases/ 100,000 population	6.1	1.4	4.3		2015-2019		13
1.36	Asthma: Medicare Population	percent	4.7		4.9	5	2018		5
1.36	COVID-19 Daily Average Case-Fatality Rate	deaths per 100 cases	2.4		6.7	2.6	November 2021		8
1.17	Adults who Smoke	percent	15.9	5		15.5	2018		3
0.92	Adults with Current Asthma	percent	8.6			9.2	2018		3
0.75	Adults with COPD	Percent of adults	6			6.9	2018		3
0.67	Age-Adjusted Death Rate due to Influenza and Pneumonia	deaths/ 100,000 population	12.1		11.8	13.8	2017-2019		4
0.64	COPD: Medicare Population	percent	10		11.2	11.5	2018		5
0.53	COVID-19 Daily Average Incidence Rate	cases per 100,000 population	5.7		8.3	27.2	November 2021		8

CONDUENT

	Indicator	Units					Period	Disparity	
0.33	**Age-Adjusted Death Rate due to Lung Cancer**	**deaths/ 100,000 population**	**31.3**	**25.1**	**34.1**	**38.5**	**2013-2017**	**Black (42.1)** **White (37.2)** **API (18.3)** **Hispanic (14.5)**	**9**
0.25	**Lung and Bronchus Cancer Incidence Rate**	**cases/ 100,000 population**	**47.5**		**50.6**	**58.3**	**2013-2017**	**Black (60.6)** **White (55.5)** **AIAN (13.1)** **API (33.3)** **Hispanic (24.2)**	**9**

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SCORE	SEXUALLY TRANSMITTED INFECTIONS	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.50	Gonorrhea Incidence Rate	cases/ 100,000 population	185.8		163.6	179.1	2018		13
2.25	Syphilis Incidence Rate	cases/ 100,000 population	12		8.8	10.8	2018		13
2.22	Chlamydia Incidence Rate	cases/ 100,000 population	583.5		508.2	539.9	2018		13
1.86	HIV Diagnosis Rate	cases/ 100,000 population	25.4		15.7		2018		13

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SCORE	WELLNESS & LIFESTYLE	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
2.00	Self-Reported General Health Assessment: Poor or Fair	percent	21.8		18.7	17	2018		6
1.92	Insufficient Sleep	percent	37.8	31.4	34.4	35	2018		6
1.50	Frequent Physical Distress	percent	12.7		11.6	11	2018		6
1.50	Poor Physical Health: Average Number of Days	days	4.1		3.8	3.7	2018		6
1.08	Poor Physical Health: 14+ Days	percent	12.6			12.5	2018		3
1.00	High Blood Pressure Prevalence	percent	31	27.7		32.4	2017		3
0.83	Life Expectancy	years	79.9		79.2	79.2	2017-2019		6

SCORE	WOMEN'S HEALTH	UNITS	HARRIS COUNTY	HP2030	Texas	U.S.	MEASUREMENT PERIOD	HIGH DISPARITY*	Source
1.83	Cervical Cancer Incidence Rate	cases/ 100,000 females	10.3		9.2	7.6	2013-2017		9
1.78	Cervical Cancer Screening: 21-65	Percent	81.8	84.3		84.7	2018		3
1.69	Age-Adjusted Death Rate due to Breast Cancer	deaths/ 100,000 females	21.4	15.3	19.8	20.1	2013-2017		9
1.28	Mammogram in Past 2 Years: 50-74	percent	72.4	77.1		74.8	2018		3
0.75	Breast Cancer Incidence Rate	cases/ 100,000 females	111.2		112.8	125.9	2013-2017		9

Appendix B. Community Input Assessment Tools

Community Survey (English)

Memorial Hermann Health System is conducting a Community Health Needs Assessment for the Greater Houston area. This assessment allows Memorial Hermann to better understand the health status and needs of the community and use the knowledge gained to implement programs that will benefit the community. We can better understand community needs by gathering voices from the community. This survey allows community members like you to tell us about what you feel are important issues for your community.

We estimate that it will take about 5 minutes to complete this survey.

1. Please look at this list of community issues. In your opinion, what are the **top 5 issues** most affecting the quality of life in your community? (Select up to 5 issues)

☐ Diabetes   ☐ Oral Health

☐ Obesity/Overweight   ☐ Heart Disease & Stroke

☐ Respiratory/Lung Disease (asthma, COPD, etc.)   ☐ Sexual Health (HIV/AIDS, STD's, etc.)

☐ Cancers   ☐ Teenage Pregnancy

☐ Mental Health & Mental Disorders   ☐ Reproductive Health (family planning)

☐ Injuries, Violence & Safety   ☐ Elder Care

☐ Substance Abuse (alcohol, tobacco, drugs, etc.)

☐ Other (please specify):

2. How would you rate your own personal health? (Select one)

☐ Very healthy   ☐ Somewhat healthy   ☐ Unhealthy   ☐ Very unhealthy

3. About how many times a week do you exercise or perform a physical activity like walking, running, bicycling, etc.? (Select one)

☐ Less than 1 time a week　　☐ 2-3 times a week　　☐ 5 or more times a week　　☐ Never

☐ Other (please specify):

_____

4. What are some of the barriers or challenges to exercising on a regular basis for you? (Select all that apply)

☐ No places to exercise　　　　　　　☐ None of my friends or family exercise

☐ No time to exercise　　　　　　　　☐ No childcare

☐ I don't like exercising　　　　　　　☐ Lack of funds to pay for gym or classes

☐ Feel unsafe exercising in the community　　☐ No transportation

☐ Other (please specify):

_____

5. Has your doctor ever told you that you have any of the following? (Select all that apply)

☐ High blood pressure　　　　　　☐ Obesity

☐ High cholesterol　　　　　　　　☐ Asthma

☐ Cancer　　　　　　　　　　　　☐ Heart disease

☐ Diabetes

☐ Other (please specify):

_____

6. How much do you agree or disagree with each of the statements below:

	Agree strongly	Agree	Disagree	Disagree strongly

There are good parks for children, adults, and people of all abilities to enjoy in my community				
In the past 12 months, I had a problem getting the health care I needed for me or for a family member from any type of health care provider, dentist, pharmacy, or other facility				
I don't know where to get services for myself when I am sad, depressed or need someone to talk to				
I am confident I can get an appointment to see				
I have a place to receive medical care besides the emergency room				
Within the past 12 months, I worried whether my food would run out before I got money to buy more				
Within the past 12 months, the food I bought just didn't last and I didn't have money to get more.				
There are many options for healthy and affordable food in my community				

We would like to know how COVID-19 has impacted you and your household to better understand how our community has been affected overall.

7. We know the COVID-19 pandemic has been challenging in many ways. Please select from the following list the issues that are the biggest challenge for your household right now. (Select all that apply)

☐ Access to medical care (basic, emergency, or prescription)

☐ Unable to find work

☐ Access to food or supplies (household, cleaning, hygiene)

☐ Feeling alone/isolated, not being able to socialize

☐ Housing (unable to pay rent or bills, homelessness)

☐ Feeling nervous, anxious, or on edge

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☐ Childcare

☐ Not being able to exercise

☐ Technology challenges (access, knowledge on how to use it, necessary equipment or connections)

☐ Not knowing when the pandemic will end/not feeling in control

☐ Challenges with my child's schooling (in person or virtual)

☐ None of these apply

☐ Other (please specify):

REMINDER: This is an anonymous survey. If you or anyone in your household has questions or concerns related to COVID-19, information is available at www.dshs.state.tx.us/coronavirus/. If you need assistance finding local resources and support services, please call 211 or go to www.211texas.org.

Now, a few questions so that we can see how different types of people feel about the questions asked.

8. Zip code where you live:

9. What is your age?

10. What is your race/ethnicity?

☐ White

☐ Asian/Pacific Islander

☐ Black/African American

☐ Native American

☐ Hispanic/Latino

☐ Other (please specify):

---

11. What are the ages of children living in your household?

☐ 11 and younger

☐ 12-18 years old

☐ 18 and older

☐ None

12. What kind of medical insurance or coverage do you have?

☐ Private   ☐ Medicare

☐ Employer-sponsored   ☐ None

☐ Medicaid

☐ Other (please specify):

Thank you for completing this survey!

Community Survey (Spanish)

Memorial Hermann Health System está llevando a cabo una Evaluación de Necesidades de Salud Comunitaria para el área metropolitana de Houston. Esta evaluación permite a Memorial Hermann comprender mejor el estado de salud y las necesidades de la comunidad y utilizar el conocimiento adquirido para implementar programas que beneficiarán a la comunidad. Podemos entender mejor las necesidades de la comunidad si recogemos las voces de sus miembros. Esta encuesta permite que miembros de la comunidad, como usted, nos cuenten qué temas consideran importantes para su comunidad.

Estimamos que tomará alrededor de 5 minutos completar esta encuesta.

1. Por favor, mire esta lista de problemas de la comunidad. En su opinión, ¿cuáles son los **5 problemas** que más afectan la calidad de vida en su comunidad? (Seleccione hasta 5 problemas)

☐ Diabetes   ☐ Salud bucal
☐ Obesidad/Sobrepeso   ☐ Enfermedad cardíaca y accidente cerebrovascular

☐ Enfermedad respiratoria/pulmonar   ☐ Salud sexual (VIH/SIDA, ETS, etc.)
(asma, EPOC, etc.)

☐ Cánceres   ☐ Embarazo adolescente
☐ Salud mental y trastornos mentales   ☐ Salud reproductiva (planificación familiar)
☐ Lesiones, violencia y seguridad   ☐ Cuidado de Ancianos
☐ Abuso de sustancias (alcohol, tabaco, drogas, etc.)

☐ Otros (especifique):

_____

2. ¿Cómo calificaría su propia salud personal? (Seleccione uno)

☐ Muy saludable   ☐ Bastante saludable   ☐ Poco saludable   ☐ Muy poco saludable

3. ¿Cuántas veces por semana hace ejercicio o realiza una actividad física como caminar, correr, andar en bicicleta, etc.? (Seleccione uno)

☐ Menos de 1 vez por   ☐ 2 a 3 veces por   ☐ 5 o más veces por   ☐ Nunca
semana   semana   semana
☐ Otros (especifique):

_____

4. ¿Cuáles son algunas de sus barreras o desafíos para hacer ejercicio de forma habitual? (Seleccione todo lo que corresponda)

☐ No hay lugares para hacer ejercicio   ☐ Ninguno de mis amigos o familiares hace ejercicio

☐ No tengo tiempo para hacer ejercicio   ☐ Sin servicio de cuidado infantil
☐ No me gusta hacer ejercicio   ☐ Falta de fondos para pagar el gimnasio o las clases

☐ Me siento inseguro cuando hago ejercicio en la comunidad   ☐ Sin transporte
☐ Otros (especifique):

_____

5. ¿Alguna vez su médico le ha dicho que tiene alguna de las siguientes afecciones? (Seleccione todo lo que corresponda)

☐ Hipertensión   ☐ Obesidad
☐ Colesterol alto   ☐ Asma
☐ Cáncer   ☐ Enfermedad cardíaca
☐ Diabetes
☐ Otros (especifique):

_____

6. Cuánto está de acuerdo o en desacuerdo con cada una de las siguientes afirmaciones:

	Muy de acuerdo	De acuerdo	En desacuerdo	Muy en desacuerdo
Hay buenos parques para niños, adultos y personas de todas las capacidades para disfrutar en mi comunidad				

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En los últimos 12 meses, tuve problemas para obtener la atención médica que necesitaba para mí o para un miembro de mi familia de parte de cualquier tipo de proveedor de atención médica, dentista, farmacia u otro establecimiento.				
No sé dónde obtener servicios para mí cuando estoy triste, deprimido o necesito a alguien con quien hablar				
Estoy seguro de que puedo obtener una cita para ver a mi médico, con bastante rapidez				
Tengo un lugar para recibir atención médica además de la sala de emergencias				
En los últimos 12 meses, me preocupó que se me acabara la comida antes de tener dinero para comprar más				
En los últimos 12 meses, la comida que compré simplemente no duró y no tuve dinero para obtener más.				
Hay muchas opciones de alimentos saludables y accesibles en mi comunidad				

Nos gustaría saber cómo impactó el COVID-19 en usted y en su hogar para comprender mejor cómo se ha visto afectada en general nuestra comunidad.

7. Sabemos que la pandemia de COVID-19 ha sido un desafío en muchos sentidos. Por favor, seleccione de la siguiente lista los problemas que suponen el mayor desafío para su hogar en este momento. (Seleccione todo lo que corresponda)

☐ Acceso a atención médica (básica, de emergencia o con receta)

☐ Acceso a alimentos o suministros (hogar, limpieza, higiene)

☐ Vivienda (incapacidad para pagar el alquiler o las facturas, falta de vivienda)

☐ Cuidado infantil

☐ Desafíos tecnológicos (acceso, conocimiento sobre cómo usarlo, equipos necesarios o conexiones)

☐ Desafíos con la educación de mi hijo/a (en persona o virtual)

☐ Otros (especifique):

☐ Imposibilidad de encontrar trabajo

☐ Sentirse solo/aislado, no poder socializar

☐ Sentirse nervioso, ansioso o tenso

☐ No poder hacer ejercicio

☐ No saber cuándo terminará la pandemia o estará bajo control

☐ Ninguno de estos corresponde

_____

RECORDATORIO: Esta es una encuesta anónima. Si usted o alguien en su hogar tiene preguntas o inquietudes relacionadas con el COVID-19, la información está disponible en

CONDUENT

. Si necesita ayuda para encontrar recursos locales y servicios de asistencia, por favor llame al 211 o diríjase a www.211texas.org.

Ahora formularemos algunas preguntas que nos permitirán ver cómo se sienten los diferentes tipos de personas ante las preguntas que hacemos.

8. Código postal del lugar donde vive:

☐

9. ¿Cuántos años tiene?

☐

10. ¿Cuál es su raza/etnia?

☐ Blanco   ☐ Asiático/Isleño del Pacífico
☐ Negro/Afroamericano   ☐ Aborigen americano
☐ Hispano/Latino
☐ Otros (especifique): _____

11. ¿Cuáles son las edades de los niños que viven en su hogar?

☐ 11 años o menos
☐ 12 a 18 años
☐ 18 años o más
☐ Ninguno

12. ¿Qué tipo de seguro o cobertura médica tiene?

☐ Privado   ☐ Medicare
☐ Patrocinado por el empleador   ☐ Ninguno
☐ Medicaid
☐ Otros (especifique): _____

¡Gracias por completar esta encuesta!

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Key Informant Interview Guide

Welcome: {HCI and Organization Introductions}
OPENING SCRIPT: Thank you for taking the time to support the CHNA for Memorial Hermann Health System. You have been invited to take part in this interview because of your experience working {at organization} in the community. During this interview, we will ask a series of questions related to health issues in your community. Our ultimate goal is to gain various perspectives on the major issues effecting the population that your organizations serves and how to improve health in your community. We hope to get through as many questions as possible and hear your perspective as much as time allows.

- **TRANSCRIPTION:** For today's call we are using the transcription feature in MS Teams. This feature produces a live transcript and makes meetings more inclusive for those who are deaf, hard of hearing, or have different levels of language proficiency. Our primary purpose for using this feature is to assist with notetaking.

- **CONFIDENTIALITY:** For this conversation, I will invite you to share as much or little as you feel comfortable sharing. The results of this assessment will be made available to the public. Although we will take notes on your responses, your name will not be associated with any direct quotes. Your identity will be kept confidential, so please share your honest opinions.

- **FORMAT**: We anticipate that this conversation will last ~45 minutes to an hour.

Section #1: Introduction

- What community, or geographic area, does your organization serve (or represent)?
- What makes you proud about the work you, or your organization does, in the community?

Section #2: Community Health & Well-being

- From your perspective, what does a community need to be healthy?
- What do you believe are the 2-3 most important issues that must be addressed to improve health and quality of life in your community?
- What makes some people healthy in the community while others experience poor health?
- Are there particular parts of the community or geographic areas that are underserved or under-resourced?
- How do people in your community view healthy eating and exercise?
  - Are there barriers or challenges to healthy eating and exercise?

Section #3: Access to Services

- How easy or hard is it for community members to access health care services?
  - How has COVID-19 impacted access to care in the community?
  - What are the barriers or challenges?
  - Have you heard of positive experiences?
  - What groups have the biggest challenges accessing the health care system?
- What types of programs and services are available for children in your community?
  - How has COVID-19 impacted services for children in the community?
  - Have community members encountered any barriers when trying to access programs or services for their children?
  - What about other family members?

Section #4: Behavioral Health

- How easy or hard is it for community members to access mental health care or substance use disorder treatment?
    - How has COVID-19 impacted access to mental health or substance use treatment in the community?
    - What are the barriers or challenges?
    - Have you heard of positive experiences?
    - What groups have the biggest challenges accessing mental health or substance use treatment services?

Section #5: Addressing the Challenges & Solutions

- What are some possible solutions to the problems that we have discussed?
- How can organizations such as hospitals, health departments, government, and community-based organizations work together to address some of the problems that have been mentioned?
- How can we make sure that community voices are heard when decisions are made that affect their community?
    - What would be the best way to communicate with community members about progress organizations are making to improve health and quality of life?
- What resources does your community have that can be used to improve community health?

Section #6: Conclusion

- Is there anything else that you think would be important for us to know as we conduct this community health needs assessment?

CLOSURE SCRIPT: Thank you again for taking time out of your busy day to share your experiences with us. We will include the key themes from today's discussion in our assessment. Please remember, your name will not be connected to any of the comments you made today. Please let us know if you have any questions or concerns about this.

I also wanted to let you know that are conducting an online Community Health Survey that is a part of the Community Health Needs Assessment process. If you would be interested in participating in the survey or willing to help share the link with your organization, community partners, friends, or family, it would be greatly appreciated. We will send you a follow-up email thanking you for your participation [in the next few weeks – once the survey launches] and will include more information about the community survey with a link.

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Appendix C. Prioritization Tools

Prioritization Cheat Sheet: Memorial Hermann

- For this activity, we will prioritize 15 significant health needs, considering the following two criteria: (1) Ability to Impact and (2) Scope and Severity. Please review the considerations for each of these criteria below, then assign a score of 1-3 to each health topic and criterion. To complete this activity online, go to https://www.research.net/r/MHPrioritization

Consideration: ABILITY TO IMPACT

Can actionable and measurable goals be defined to address the health need?

Are those goals achievable in a reasonable time frame?

Does the hospital or health system have the expertise or resources to address the identified health need?

Considerations: SCOPE AND SEVERITY

How many people in the community are or will be impacted?

How does the identified need impact health and quality of life?

These health topics will be scored in the survey

Mental Health and Mental Disorders
Access to Healthcare
Diabetes
Older Adults/Elderly Care
Heart Disease & Stroke
Physical Activity
Children's Health
Obesity/Overweight
Substance Abuse (alcohol, tobacco, drugs)
Wellness & Lifestyle
Oral Health
Women's Health
Cancers
Injuries, Violence & Safety
Respiratory/Lung Disease (asthma, COPD, etc.)

Appendix D. Community Resource and Partner List

This highlights existing resources that organizations are currently using and available widely in the community. It also highlights potential community partners who were identified during the qualitative data collection process for this CHNA.

Community Resource List

- AccessHealth
- Acres Home Super Neighborhood Council
- Aldine Independent School District
- Alief Independent School District
- Area Agency on Aging
- Avenue CDC
- Avenue 360
- Be Well Communities w/ MD Anderson
- Bee Busy
- Change Happens
- Children at Risk
- Common Threads
- The Council on Recovery
- DePelchin Children's Center
- Epiphany Community Health Outreach Services (ECHOS)
- Episcopal Health
- The George Foundation
- The Harris Center
- Healthy Outdoor Communities (HOC)
- Houston Food Bank
- Houston Heights Association
- Houston Independent School District
- Houston Parks & Recreation
- Houston Parks Board
- Houston Police Department
- Houston Volunteer Lawyers Association
- Interfaith Community Clinic
- Lamar Consolidated Independent School District
- The Leader Newspaper
- Light and Salt Association
- Pasadena Independent School District
- Shady Acres Civic Club
- Shepherd Forest Civic Club
- Texas Health Institute
- TOMAGWA Ministries, Inc.
- The University of Texas Health Science Center at Houston School of Public Health
- Urban Harvest
- Walk with a Doc

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- Wesley House Community Center
- White Linen Night
- Woodland Heights Association
- The Women's Resource

Community Partner List

- Baker Ripley
- Chamber of Commerce in Houston
- Communities In Schools of Houston (CIS)
- Community Youth Services (CYS)
- County Department of Housing and Economic Assistance
- East End Alliance
- El Centro de Corazon
- Grant to implement jobs plus program @ CUNEY Homes, Oxford Place Apartments
- Greater Houston Partnership
- Harris County Department of Education
- Harris County Health Department
- Harris County Public Health
- Health Centers For Schools
- Health Equity Collective
- Healthcare for the Homeless-Houston
- Healthy Minds, Healthy Communities
- HGI - Houston Galveston Institute
- Houston Area Women's Center
- Houston Health Department
- Houston Housing Authority
- Inner Wisdom
- Kinder Institute for Urban Research
- Legacy Community Health
- Memorial Assistance Ministries (MAM)
- Noesen Collateral Collaborative
- North Side Health Collaborative
- Patient Care Intervention Center (PCIC)
- RaiseUp Families
- Rental Assistance Program (through Harris County and City of Houston)
- Santa Maria Hostel, Inc.
- Spring Branch Community Health Center
- Spring Branch Family Development Center
- SpringSpirit
- Texas Medical Center, Texas Children's Hospital
- The Be Well Collaborative
- The Harris Center for Mental Health and IDD (MHMRA)
- The Rose- Breast Center of Excellence
- The WholeLife® Service Center
- United Way of Greater Houston (211)

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