Memorial Hermann
Health Centers for Schools
2017 Annual Report
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Memorial Hermann recognizes that our future is closely tied to the educational success of our youth. There is a relationship between the health of children and their academic performance. Likewise, education is one of the strongest predictors of health.

The Memorial Hermann Health Centers for Schools program is designed as a medical home for uninsured and Medicaid children and a secondary access point for insured children. The primary goal of the program is to bring increased healthcare to children who will otherwise not obtain it and to keep children in school where they can learn. The program began in 1996 with two school-based health centers serving three schools and today consists of ten centers serving 72 schools in five different school districts. Additionally, three mobile dental vans rotate among the health center sites. Schools to be served have always been selected by identifying students with the highest prevalence of unmet medical and psychosocial needs. Feeder patterns are always served. The program does not collect cash, and bills only for eligible services for Medicaid enrolled patients.

These school-based health centers (SBHCs) are located in schools and school districts that have students with documented barriers to healthcare. Through transportation from feeder schools provided by the collaborating school districts, the Health Centers offer access to primary medical, mental health, nutritional and dental care services. The scope of services offered at the ten centers includes sick and injury care, general and sports physicals, immunizations, chronic care (asthma, obesity, cholesterol), mental health therapy and social service referrals, nutritional guidance, as well as other specific care to meet students' needs. The Dental Clinics provide services that include periodic oral examinations, diagnostic x-rays, prophylaxis, fluoride treatments, oral hygiene instructions, sealants, composite fillings, extractions, stainless steel crowns, pulpotomies, and root canals. The Health Centers for Schools operate Monday through Friday, 40 hours a week, 12 months a year.

In school-based health care students have a safe place to talk about sensitive issues; practitioners take their time addressing health problems that impede learning; the full spectrum of primary medical/mental health/dental care is provided on site; and students and their families are continually educated on the importance of regular healthcare. The clinic's social worker and navigator also assist students' families in obtaining health, mental health and dental care not offered at the clinic and link families in need of basic services to community agencies.

The Memorial Hermann Health Centers for Schools program is continually evolving and in
2016-17, complementing Memorial Hermann’s initiative to screen patients for food insecurity, the school-based health centers have been a collaborative partner with the Houston Food Bank’s Scholarship Pantry at Sharpstown High School, the BUILD Health Challenge food prescription (FVRx) program in North Pasadena, and Wholesome Wave’s Fruit and Vegetable Prescription Program throughout the Houston region. Each venture has been an opportunity to provide access to healthy food to food insecure families.

Food insecurity contributes to unhealthy eating habits and obesity. To complement the dietitians’ nutritional guidance and the healthy food collaboratives underway, the HAPPY (Healthy Attitudes Promoting Positive Youth) Boot Camp for students meeting BMI requirements was piloted in 2015 and continues to be refined. Each camp day includes a medical evaluation with the LVN and mid-level provider, 1-hour of exercise with a certified fitness instructor, a 45 minute nutrition consultation with a registered dietitian and a 45 minute group counseling session with a licensed clinical social worker. The curriculum is designed to promote a healthy lifestyle through guided practice.

The purpose of this document is to demonstrate the impact of school-based healthcare on children and adolescents’ health and academic status. This document begins with basic demographic and volume statistics and moves into measurable outcomes, some of which the preponderance of the evidence strongly suggests a link, others in which it is clearly evident that the Memorial Hermann Health Centers for Schools program has a direct positive impact. School-based health care is a remarkable opportunity to manage healthcare in a population health model as students are readily available. Memorial Hermann Health Centers for Schools monitors measurable objectives in five (5) categories: healthcare access (reduced ER usage, increased time in the classroom); school performance and mental health stats (improved grades, reduced absenteeism, reduced suspensions/detentions, improved functional status); asthma management (exacerbations/ER visits/hospitalizations); dental care (reduction of cavities at recall); and exercise and nutrition.

Benchmarks are derived from the National Association of School Based Health Centers, Healthy People 2020 and pre-post outcome data. Healthy People 2020 objectives provide a framework for prevention for the Nation. It is a statement of national health objectives designed to identify the most significant preventable threats to health and to establish national goals to reduce these threats.

Students perform better when they show up for class healthy and ready to learn. School-based health centers (SBHCs) ensure that kindergarteners through high schoolers can get a flu shot, have an annual physical, have their teeth examined and their eyes checked, or speak to a mental health counselor in a safe, nurturing place – without the barriers that families too often face.
SBHCs exist at the intersection of education and health and are the caulk that prevents children and adolescents from falling through the cracks. They provide care – primary medical and dental health care, mental health and counseling, family outreach, and chronic illness management – without concern for the student’s ability to pay and in a location that meets students where they are: at school.
DEMOGRAPHICS

The Health Centers for Schools program is funded by Memorial Hermann in partnership with school districts, local foundations and state and federal grants. Clinic locations include:

- Sharpstown Health Center (Sharpstown High School, Houston ISD; formerly Jane Long Health Center)
- Burbank Health Center (Burbank Middle School, Houston ISD)
- Hogg Health Center (Hogg Middle School, Houston ISD)
- Elrod Health Center (Elrod Elementary School, Houston ISD)
- Lamar Health Center (Lamar High School, Lamar Consolidated ISD/Fort Bend)
- Terry Health Center (Terry High School, Lamar Consolidated ISD/Fort Bend)
- Alief Health Center (West of Crossroads, Alief ISD)
- Nimitz Health Center (Dunn Elementary School, Aldine ISD)
- Kruse Health Center (Kruse Elementary School, Pasadena ISD)
- WAVE Health Center (Matthys Elementary School, Pasadena ISD)

55.5% of the children served at the clinics do not have any type of healthcare coverage.

30.1% of the population has a form of Medicaid.

The payor-mix distribution of the individual clinics varies significantly.
VOLUMES AND STAFFING

34,556 visits were provided in FY 2017 by 49 full time staff members responsible for clinical as well as administrative operations.

Each clinic is staffed by a mid-level provider, licensed clinical social worker, LVN and receptionist.

Three mobile dental vans, staffed by a dentist and 1 to 2 assistants rotate among 9 health centers. (Elrod students are seen at Sharptown)

Two dietitians and two navigators rotate among all 10 of the health centers.

93% of the students seen at the clinics are on the free/reduced lunch program, a nationally accepted indicator for poverty.

30.5% are more comfortable speaking, reading and writing in a language other than English.
The outcomes documented are a result of both a defined population served and improved access to healthcare. School-based health centers are immediately accessible to children, do not require transportation, do not require parents to miss work, and do not present a financial obstacle to families. The results are documented improvements clinically as well as educationally.

CLINICAL OUTCOMES

Outcome 1: Reduced ER Usage for Primary Care

Rationale: Uninsured or underinsured children often use the emergency room for primary care services. School-based health centers improve healthcare access. Documenting that this increased access results in more appropriate use of hospital emergency rooms is important as ER visits continue at inappropriately high utilization rates.

Intervention: Provision of an accessible medical home; on-going education on appropriate usage of available healthcare resources.

Data Collection Methodology: At each clinic visit patients report if they have been to an emergency room, the approximate date, and the reason for the visit. Visits for primary care purposes are entered into the program’s electronic medical record system.

Benchmark: 21% of uninsured children under age 18 had an ER visit in the previous year. Approximately half (10.5%) were there for primary care purposes. (Source: Community Tracking Study, Medicaid/SCHIP Cuts and Hospital Emergency Department Use, Peter J. Cunningham.)

Positive Behavior Change: In FY 16, 3.59% of new and established SBHC patients used an ER for primary care purposes versus the community experience for uninsured patients of 10.5%. This reduction in ER usage equates to $290,913 in ER costs.
Based on FY 2016 Unduplicated Medical Patients of 13,497 Uninsured Pop- Ages < 18 yrs. SBHC Population

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>% non-urgent ER visits</td>
<td>10.50%</td>
<td>4.66%</td>
</tr>
<tr>
<td>ED Visit Cost-Treated &amp; Released</td>
<td>$534*</td>
<td>$534*</td>
</tr>
<tr>
<td>SBHC Medical Visit Cost</td>
<td></td>
<td>$115.00</td>
</tr>
<tr>
<td>Total ER Costs</td>
<td>$756,777</td>
<td>$335,865</td>
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<tr>
<td>Total SBHC Costs</td>
<td></td>
<td>$90,646</td>
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<tr>
<td>Total Costs</td>
<td>$756,777</td>
<td>$426,511</td>
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<tr>
<td>Savings</td>
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<td>$330,266</td>
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</table>

*Costs are hospital only and exclude the ER physician costs

Outcome 2: Reduced Morbidity

Rationale: To detect and address health problems and health risks before they escalate.

Intervention: Provision of bi-annual physicals.

Data Collection Methodology: Children are monitored for number of annual visits (excludes follow-ups). As children near three visits within a year, they are scheduled for a physical if they have not had one (either at the clinic or elsewhere in the community) within the last two years. Patients with Medicaid, who must see their Medicaid primary care provider (PCP) for their annual exam to maintain Medicaid compliance, are encouraged to make an appointment with their PCP.

CQI: National Association of School Based Health Centers.

Positive Behavior Change: 80% of patients with three or more visits in one year received a bi-annual physical. Meeting this objective is more difficult for Alief (little parental involvement in students’ health) and WAVE (the busiest of the Health Centers and thus more difficulty following up with families to capture their visits to Medicaid PCPs other than Memorial Hermann SBHCs).

Outcome 3: Reduced asthma related exacerbations, ER visits, and hospitalizations

Rationale: Children with asthma use a disproportionate amount of healthcare services, including over two times as many emergency room visits and three and a half times as many hospitalizations as children without asthma. One solution is to provide children with the knowledge and skills to manage their disease. Children who take part in school-based asthma education programs have decreased asthma exacerbations and reduced hospitalizations.
**Intervention:** The centers establish asthma management plans that include the school nurse, student and family; provide and reinforce student and family education; and, provide flu shots and on-site medicines. (The National Asthma Education and Prevention Program (NAEPP) medication guidelines are followed).

**Data Collection Methodology:** The following variables are monitored through patient charts.
- Current asthma plans and receipt of flu vaccines
- Incidence of asthma attacks
- Incidence of asthma related ER visits and hospitalizations
- Incidence of asthma related school absences

**Benchmark:** Pre/Post Data

**Positive Behavior Change:** Asthma exacerbations, emergency room visits, hospitalizations, and absences were reduced by 90% for children whose care is managed in the clinics. (Note: Data is compared from baseline year to most current year.)

**Number of patients directly impacted:** 86

<table>
<thead>
<tr>
<th></th>
<th>FY 17 Pre-management</th>
<th>FY 17 Post-management</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exacerbations</td>
<td>218</td>
<td>24</td>
<td>89%</td>
</tr>
<tr>
<td>ER Visits</td>
<td>44</td>
<td>3</td>
<td>93.2%</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>16</td>
<td>2</td>
<td>87.5%</td>
</tr>
<tr>
<td>Absences</td>
<td>202</td>
<td>13</td>
<td>93.6%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>278</strong></td>
<td><strong>29</strong></td>
<td><strong>89.6%</strong></td>
</tr>
</tbody>
</table>

**Percent Change 90%**
*Note: Many additional asthma patients are treated and supported with medications. The above numbers are for patients that the clinics serve as the sole primary care provider and manage care throughout the year.*

**EDUCATION/MENTAL HEALTH**

**Outcome 4:** To increase the amount of time that children are in the classroom

**Rationale:** School-based health centers, placed on school campuses and working closely with school nurses, minimize the amount of time that children are out of the classroom.
**Intervention:** Each student is returned to the classroom as long as their illness is not contagious or interfering with his or her abilities.

**Data Collection Methodology:** The type of discharge (back to school, home, ER, other) is noted on the patient encounter form of the electronic medical record system.

**Positive Behavior Change:** In FY 17, 92% of students who had a health center visit returned to the classroom.

| Disposition Status of Medical Patients During the School Day--FY 2017 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| School                          | Home Against Advice | Home            | ER              | Other           |
| 92.1%                           | 5.1%             | 1.0%            | 0.2%            | 1.6%            |

**Outcome 5: Improved School Performance (grades, absenteeism, suspensions/detentions, and self-reported well-being)**

Many children suffer unrecognized psychological disorders because they lack access to mental healthcare. Treatment for most psychosocial disorders is more successful and less costly if instituted early. *According to the Mental Health and Mental Retardation Authority of Harris County, in 2012, 74% of children and adolescents with a serious emotional disturbance could not access services from the public mental health system.* One of the Healthy People 2020 goals is to “increase the proportion of children with mental health problems who receive treatment.”

Mental health services are offered through the Health Centers for Schools clinics where licensed clinical social workers provide students with the tools to improve their functioning at home, school and with peers in collaboration with parents and school staff.

Social workers work hand in hand with teachers to help determine how to deal with students with mental issues so that they don’t disrupt classes and are able to get the most out of their school experience. Referrals come from family members, teachers, counselors and school nurses. They treat elementary, junior and high school students. Since the social workers are on-site, continuity of care is provided for students as they age. Mental Health Services provided within the Clinics are non-crisis in nature but beyond the scope of service of school personnel. The services are diverse but predominantly include therapy for anxiety, depression, and conduct.
Adjustment disorders are adjustment in combination with anxiety, depression, and conduct issues.

**Rationale:** Students who perform well in school feel better about themselves and their accomplishments and are encouraged to continue to perform well and remain in school.

**Intervention:** The clinics are staffed with Licensed Clinical Social Workers. Students are provided with tools to improve their functioning at home, school, and with peers. There is on-going collaboration with parents and school staff. In the case of ADHD management, the interdisciplinary team of medical directors, licensed clinical social workers, and nurse practitioners combine medication management with mental health therapy.

**Data Collection Methodology:** The CAFAS (Child and Adolescent Functional Assessment Scale) is the tool applied at the beginning of therapy and then again at discharge or three months into therapy (whichever occurs first) to assess a youth's day-to-day functioning across critical life subscales as well as for determining whether a youth's functioning improves over time. Additionally, school performance data are collected three months prior to the start of counseling and three months prior to counseling termination for all short-term, long-term, and extended treatment students.

**Benchmark:** Pre/Post Data.

**Positive Behavior Change:** Each year trends move in the desired direction: GPA rises; days absent and suspensions/detentions decline.

In FY 17:
- CAFAS Meaningful and Reliable Improvement: 90.6%
- Overall grade point average increased from 3.1 to 3.3
- Days absent decreased per student from 1.7 to 1.2
- Suspensions/detentions decreased per student from 2.3 to 1
ORAL HEALTH

Outcome 6: Improved Oral Health; Reduction of Cavities at Recall

The Surgeon General reports that despite improvements in oral health status, profound disparities remain among population groups. Oral health is related to well-being and quality of life. Diet, nutrition, sleep, psychological status, social interaction, school and work are affected by impaired oral health. Uninsured children are more than four times as likely as insured children to have an unmet dental need.

Serving the greater Houston community since 2000, three 40-foot mobile dental vans, each staffed with a dentist and one to two dental assistants, provide access to preventative and restorative dental services at nine Health Centers for Schools sites and are available as a dental home for uninsured and underinsured students.

The dental vans rotate among the Health Centers for Schools clinics at three month intervals. The mobile environment requires a close partnership between the stationary school-based clinic and the dental clinic. Serving as an anchor, the school-based clinic staff schedules patients and contacts the clinic when emergencies arise while the van is off-site.

Dental clinic staff diagnose dental problems, conduct cleanings, treat cavities, perform other restorative work and provide oral health education for each patient. Professionals and educators, the staff also drive and maintain the van, monitor and report the outcomes, and manage the appointment scheduling and patient flow.

Rationale: Through cleanings, sealants, restorative dental care (fillings and extractions), and six-month follow-ups, the mobile dental program strives to provide continuity dental care comparable to the standard of care experienced by middle and upper economic populations.

Intervention: Provision of an accessible dental home.

Data Collection Methodology: Cavities by student are registered into the dental chart and input into an excel program for compilation.

Benchmark: Healthy People 2020 Objectives.
Positive Behavior Change – Reduction of Cavities at Recall: The program compares its cavities at recall to the Healthy People 2020 Objectives which requires that the proportion of children with one or more cavities is no more than 49% among children aged 4-11 and no more than 48.3% for adolescents aged 12+. The below outcomes are significant given 63% of initial patients are diagnosed with cavities; 26% are diagnosed with five or more cavities. The staff attributes these statistics to lack of education. Many of the students seen are immigrants. The parents know to provide food and clothes. If they have dentures, then it is acceptable for their children to have dentures. Education is paramount. Outcomes are the result of bringing a dental home to uninsured children, striving to complete all diagnosed dental work within the month in order to move students into a 6 month recall program. At-risk patients are provided with 3 month recall visits which contributes to the following amazing cavities at recall statistics.

![Recall Patients with Cavities versus Healthy People 2020 Goals for Cavities FY 2017](chart)

Note: Desired outcome is to be less than HP 2020.

Positive Behavior Change – Placement of Sealants: The program compares its sealant placement percentage to the Healthy People 2020 Objectives which requires that 28.1% of children aged 6-9 and 21.9% for adolescents aged 13 to 15 receive sealants. Each patient is evaluated for the presence of premolars and molars and whether sealants have previously been applied. Patients meeting criteria are provided with sealants.
EXERCISE

Outcome 7: Exercise

According to the 2013 Youth Risk Behavior Survey, 34% of Houston area high school students are overweight or obese. More than one-fifth of these students had not exercised for 60 minutes a minimum of one day during the week prior to the survey. Studies show that overweight students are absent more often, grow up to have less educational attainment, lower wages and higher unemployment.

Rationale: In the summer of 2015 through 2017 the H.A.P.P.Y. (Healthy Attitudes Promoting Positive Youth) boot camps were incorporated into the summer activities of several health centers providing week long activities of exercise, nutrition and self-esteem building. Additionally, The Summer School Finness Funatics Camp was incorporated into the Hogg Middle School curriculum for the Physical Education class for the month of June and was designed to teach and educate the students on the benefits of exercise and how to use their bodies to have lots of fun with music and movement. The goal was to strengthen their body and nourish their mind to help boost their self-esteem.

For the Fitness Funatics Camp:

Data Collection Methodology: The Waist to Height Ratio (WHtR) was used to measure the physical condition of the students. The WHtR is defined as their waist circumference divided by height inches.

Benchmark: Pre/Post Data with a ‘healthy’ WHtR identified as <= 50%.

Positive Behavioral Change:

- 76.84% of students improved their ‘health status’ or retained their initial status of ‘healthy’
- 9.47% of initially healthy students increased their waist circumference. We conclude that that the increase in inches in the waist circumference was healthy muscle mass due to the core-strengthening exercises that occurred twice a week for a month
- 13.69% of students ‘health status’ declined
NOTE: 2017 Fitness Funatics and H.A.P.P.Y. Boot Camp outcome data is under analysis.
Appendices
MEMORIAL HERMANN HEALTH CENTERS FOR SCHOOLS

AWARDS

- 2016 American Hospital Association NOVA Award (Mobile Dental Program)
- The Build Health Challenge Implementation Award for Improving Health Through a Sustainable Food System, 2015
- Jackson Healthcare Hospital Charitable Service Awards, 2013—Finalist
- Foster G. McGaw Prize, 2013—Finalist
- Nineteenth Annual Monroe E. Trout Premier Cares Award/Vision, 2010—Finalist
- 2010 Nineteenth Annual Monroe E. Trout Premier Cares Aware/Vision—Finalist
- 2010 Beacon of Hope Recipient, Mental Health America of Fort Bend County (awarded to the Lamar Clinic)
- 2009 Eighteenth Annual Monroe E. Trout Premier Cares Award/Vision—Semi-Finalist
- 2008 American Hospital Association NOVA Award
- 2008 Texas Association of Partners in Education (TAPE) Gold Award
- 2008 Inductee into Houston Independent School District’s Partnership Hall of Fame
- 2007 VHA (Voluntary Hospitals of America) Leadership Award for Community Benefits Excellence (awarded to Memorial Hermann’s Community Benefit Program which highlighted the Health Centers for Schools initiative)
- 2003 Recipient of the Excellence in Community Service Award from the Texas Hospital Association
- 2001 Recipient of Texas Dental Association Certificate of Merit
- 1998 VHA (Voluntary Hospitals of America) Leadership Award for Improving Community Health (awarded to Memorial Hermann’s Community Benefit Program which highlighted the Health Centers for Schools initiative)
- 1998 THA Community Service Award Entry - Finalist - (awarded to Memorial Hermann’s Community Benefit Program which highlighted the Health Centers for Schools initiative)
- Memorial Health Centers for Schools--Jane Long Clinic: 1997 Recipient of the Greater Southwest Houston Chamber Education Partner Award
### MEMORIAL HERMANN HEALTH CENTERS FOR SCHOOLS

#### TIMELINE

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
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<tbody>
<tr>
<td>November 1995</td>
<td>Jane Long Clinic begins serving students from Jane Long Middle School</td>
</tr>
<tr>
<td>January 1996</td>
<td>WAVE Clinic begins serving students from Matthys Elementary and South Houston Intermediate Schools</td>
</tr>
<tr>
<td>April 1997</td>
<td>Jane Long Clinic adds Sutton Elementary School, WAVE Clinic adds South Houston Elementary School</td>
</tr>
<tr>
<td>April 1998</td>
<td>Jane Long Clinic adds Benavidez Elementary School</td>
</tr>
<tr>
<td>August 1999</td>
<td>Burbank Clinic begins serving students from Burbank Middle and Burbank Elementary Schools</td>
</tr>
<tr>
<td>October 1999</td>
<td>Rusk Clinic Collaborative begins</td>
</tr>
<tr>
<td>April 2000</td>
<td>Mobile Dental Van Program begins serving Jane Long, WAVE, and Burbank Clinic students</td>
</tr>
<tr>
<td>September 2001</td>
<td>WAVE Clinic adds L.F. Smith Elementary School</td>
</tr>
<tr>
<td>August 2000</td>
<td>Burbank Clinic adds Janowski Elementary School</td>
</tr>
<tr>
<td>August 2002</td>
<td>Lamar Clinic begins serving students from Lamar High, Lamar Jr. High, and Deaf Smith, Pink, and Seguin Elementary Schools</td>
</tr>
<tr>
<td>August 2003</td>
<td>Lamar Clinic adds Wessendorf Middle School</td>
</tr>
<tr>
<td>January 2005</td>
<td>Project Fit (a non-profit dedicated to providing support to public schools to increase children’s fitness testing levels and teach lifetime health habits) brought to Burbank Middle School as a part of the VHA Cardinal Health Challenge</td>
</tr>
<tr>
<td>April 2005</td>
<td>Lamar Clinic adds Jane Long Elementary School</td>
</tr>
<tr>
<td>May 2005</td>
<td>Burbank Clinic adds Roosevelt Elementary School</td>
</tr>
</tbody>
</table>
| July 2005     | - Memorial Hermann takes over the Hogg Clinic from Community Partners that has faced ongoing funding challenges, and begins serving Reagan High, Hogg Middle, and Harvard, Crockett, and Browning Elementary Schools.  
  - The Board of the Rusk School Health Promotion Project elects to transfer the provision of clinical care under its charter to the El Centro de Corazon Federally Qualified Health Center. The FQHC status provides the opportunity to address the growing need to provide adult as well as pediatric care. |
| August 2005   | HELP (Healthy Eating and Lifestyle Program) begins with the addition of a dietitian to the multi-disciplinary team of nurse practitioner and social worker |
| August 2006   | WAVE Clinic adds Rick Schneider Middle School                                           |
| May 2007      | Burbank Clinic adds Herrera Elementary School                                          |
| August 2007   | Hogg Clinic adds Field Elementary School                                                |
|               | Jane Long Clinic begins serving pre-school children at Mistral Early Childhood Education Center and the Las Americas Middle School located on the Jane Long campus. |
| January 2008  | A Community Health Worker is added to rotate among the clinics assisting eligible patients with Medicaid and CHIP applications and follow-up |
| October 2008  | Burbank Clinic begins serving 9th Grade Preparatory Academy at Sam Houston              |
| January 2009  | Due to a declining student population and sports involvement at Jane Long Middle School, the Jane Long Clinic begins to serve the Sharpstown Feeder Pattern  
  - Bonham and McNamara Elementary Schools added  
  - Sharpstown Middle School (which becomes Sharpstown International) added |
| April 2009    |                                                                                         |
| July 2009     | Lamar Clinic adds Hutchison Elementary School                                          |
| January 2010  | - Burbank Clinic begins serving Sam Houston High School (9th Grade Preparatory Academy eventually loses its separate school status and becomes a part of Sam Houston) |

17
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>July 2010</td>
<td>Jane Long Clinic begins serving Neff Elementary School</td>
</tr>
<tr>
<td>January 2011</td>
<td>Lamar Clinic adds Austin Elementary School</td>
</tr>
</tbody>
</table>
| April 2011  | Hogg Clinic adds Hamilton Middle School  
              WAVE Clinic adds Jessup Elementary School                                                                                       |
| March 2012  | Lamar begins serving Jackson Elementary School in the Foster Track                                                                        |
| September 2011| Replacement modular clinic at Hogg Clinic in operation                                                                                  |
| January 2012| Terry Clinic begins serving the nine schools of the Terry Feeder Pattern—Terry High, George Jr., Navarro Middle, and Beasley, Bowie, Thomas, Ray, Travis and Meyer Elementary Schools |
| May 2012    | Project Fit brought to Fields Elementary School                                                                                         |
| April 2013  | Elrod Clinic opens                                                                                                                        |
| July 2014   | Nimitz Clinic in Adine ISD begins serving students from Dunn Elementary, Lewis Middle, Parker Intermediate, Nimitz 9th and Nimitz High Schools |
| August 2014 | The Jane Long Clinic moves to Sharpstown High School and becomes the Sharpstown Clinic.  
       Jane Long Middle, McNamara Elementary, Benavidez Elementary, and Mistral Early Childhood are no longer served due to minimal historical use.  
       Fondren Middle School is added to the schools served.                                                                 |
| August 2014 | Alief Clinic in Alief ISD begins serving students from Alief Middle, Crossroads, Elsik 9th, Elsik High, Hastings 9th, Hastings High, and Taylor High Schools.  
       Kruse Clinic in Pasadena ISD begins serving students from Pasadena High, Jackson Intermediate, DeZavala Middle, and Kruse, Gardens, and Richey Elementary Schools. |
| September 2014| Mobile Dental 3 in operation to allow for dental services for students at the new clinics                                                |
| October 2014| Project Fit brought to Elrod Elementary School                                                                                          |
| February 2015| Nimitz Clinic adds Magrill Elementary, Teague Middle, and Rayford Intermediate                                                            |
| June 2015   | Nimitz Clinic creates and implements first Boot Camp                                                                                     |
| October 2015| Food Insecurity Screening begins                                                                                                          |
| December 2015| Sharpstown Clinic adds Welch Middle School                                                                                               |
| Summer 2016 | Kruse and WAVE begin the BUILD Health Challenge  
                        Hogg, Burbank, Lamar and Terry adopt the Nimitz Boot Camp  
                        A full summer school exercise program is introduced to Hogg                                                                          |
| October 2016| Project Fit brought to Bowie Elementary School                                                                                          |
| June 2017   | Wholesome Wave’s Fruit and Vegetable Prescription Program implemented throughout Memorial Hermann Health Centers for Schools |
MEMORIAL HERMANN HEALTH CENTERS FOR SCHOOLS

LOCATIONS

Alief Health Center (HISD) – 832-658-5210
Elsiks and Hastings High Schools
12360 Bear Ram Road, # T-1
Houston, Texas  77073

Burbank Health Center (HISD) – 713-742-8151
Burbank Middle ++
315 Berry Road
Houston, Texas  77022

Elrod Health Center (HISD) – 713-771-1805
Elrod Elementary School
6230 Dumfries
Houston, TX  77096
Hogg Health Center (H ISD) – 713-864-7614  
Hogg Middle School  
1100 Merrill  
Houston, Texas 77009

Kruse Health Center (Pasadena ISD) – 832-658-5230  
Kruse Elementary School  
400 Park Lane  
Pasadena, Texas 77506

Lamar Health Center (Lamar Consolidated ISD) – 281-762-8383  
Lamar High School  
1002 E. Stadium Drive  
Rosenberg, Texas 77471

Nimitz Health Center (Aldine ISD) – 832-658-5220  
Dunn Elementary School  
2003 W.W. Thorne Blvd. #TM-01  
Houston, Texas 77073

Sharpstown Health Center (HISD) – 832-658-5260  
Sharpstown High School  
7504 Bissonnet  
Houston, Texas 77074

Terry Health Center (Lamar Consolidated ISD) – 281-238-0852  
Terry High School  
5500 Avenue N.  
Rosenberg, Texas 77471

WAVE Health Center (Pasadena ISD) – 713-946-7461  
Matthys Elementary School  
1500 Main  
South Houston, Texas 77587
MEMORIAL HERMANN HEALTH CENTERS FOR SCHOOLS

Schools Served by Health Center

**Sharpstown Health Center (Formerly Jane Long) (HISD) – 832-658-5260**

- Sharpstown High++
  7504 Bissonnet
  Houston, Texas  77074

- Sharpstown International
  8330 Triola
  Houston, Texas  77036

- Jane Long Academy
  6501 Bellaire
  Houston, Texas  77074

- Fondren Middle
  6333 S Braeswood Blvd
  Houston, TX 77096

- Las Americas Newcomers School
  6501 Bellaire
  Houston, Texas  77074

- Sugar Grove Academy
  8405 Bonhomme
  Houston, Texas  77074

- Welch Middle
  11544 South Gessner Road
  Houston, TX  77071

- Bonham Elementary
  8302 Braes River Dr.
  Houston, Texas  77074

- Neff Elementary
  8301 Neff St
  Houston, Texas  77036

- Neff Early Learning
  8200 Carvel Lane
  Houston, Texas 77036

- Sutton Elementary
  7402 Albacore
  Houston, Texas  77074

- McNamara Elementary
  8714 McAvoy
  Houston, Texas 77074
Burbank Health Center (HISD) – 713-742-8151

Sam Houston High
9400 Irving
Houston, Texas 77076

Wheatley High School
4801 Providence St.
Houston, TX 77020

Burbank Middle ++
315 Berry Road
Houston, Texas 77022

Burbank Elementary
216 Tidwell
Houston, Texas 77022

Herrera Elementary
525 Bennington
Houston, Texas 77022

Janowski Elementary
7500 Bauman
Houston, Texas 77022

Roosevelt Elementary
6700 Fulton
Houston, Texas 77022

WAVE Health Center (Pasadena ISD) – 713-946-7461

South Houston Intermediate
900 College Ave
South Houston, Texas 77587

Rick Schneider Middle
8420 Easthaven Blvd.
Houston, TX 77075

Jessup Elementary
9301 Almeda Genoa Rd
Houston, TX 77075

L. F. Smith Elementary
1401 Avenue A
South Houston, Texas 77587

Matthys Elementary ++
1500 Main
South Houston, Texas 77587

South Houston Elementary
900 Main St
South Houston, Texas 77587
Queens Intermediate
1452 Queens Road
Houston, TX 77017

Nelda Sullivan MS
1112 Queens Rd.
Houston, TX 77017

Lamar Health Center (Lamar Consolidated ISD) – 281-762-8383

Lamar Consolidated High ++
4606 Mustang Ave.
Rosenberg, Texas 77471

Lamar Junior High
4814 Mustang Ave.
Rosenberg, Texas 77471

Wessendorff Middle
5201 Mustang Ave.
Rosenberg, Texas 77471

Austin Elementary
1630 Pitts Road
Richmond, Texas 77406

Deaf Smith Elementary
2014 Lamar Dr.
Richmond, Texas 77469

Hutchison Elementary
3602 Williams Way Blvd
Richmond, Texas 77469

Jackson Elementary
301 Third St.
Rosenberg, Texas 77471

Jane Long Elementary
907 Main St.
Richmond, Texas 77469

Juan Seguin Early Childhood Center
605 Mabel St.
Richmond, Texas 77469

T. L. Pink Elementary
1001 Collins Rd
Richmond, Texas 77469

Hogg Health Center (HISD) – 713-864-7614

Booker T Washington High School
119 E 39th Street
Houston, TX 77018
Heights High School
413 E 13th St.
Houston, 77008

Hamilton Middle
139 East 20th St.
Houston, Texas 77008

Hogg Middle ++
1100 Merrill St.
Houston, Texas 77009

Browning Elementary School
607 Northwood Street
Houston, Texas 77009

Crockett Elementary
2112 Crockett St.
Houston, 77007

Field Elementary
703 East 17th St.
Houston, Texas 77008

Harvard Elementary
810 Harvard St.
Houston, 77007

Helms Elementary
503 West 21st Street
Houston, TX 77088

Love Elementary
1120 West 13th Street
Houston, TX 77008

Terry Health Center (Lamar Consolidated ISD) – 281-238-0852

Terry High School++
5500 Ave. N
Rosenberg, Texas 77471

George Junior High School
4601 Airport Rd
Rosenberg, Texas 77471

Navarro Middle School
4700 Ave. N.
Rosenberg, Texas 77471

Beasley Elementary
7511 Ave. J.
Beasley, Texas 77417

Bowie Elementary
2304 Bamore Rd.
Rosenberg, Texas 77471
Meyer Elementary
1930 J. Meyer Rd.
Richmond, Texas  77469

Ray Elementary
2611 Ave. N
Rosenberg, Texas  77471

Thomas Elementary
6822 Irby Cobb Blvd.
Richmond, Texas  77469

Travis Elementary
2700 Ave. K
Rosenberg, Texas  77471

Elrod Health Center (HISD) – 713-771-1805
Elrod Elementary
6230 Dumfries Dr.
Houston, TX 77096

Kruse Health Center (Pasadena ISD) – 832-658-5230
Pasadena High School
206 South Shaver St
Pasadena, Texas  77506

Jackson Intermediate
1020 Thomas Ave
Pasadena, TX 77506

DeZavala Middle
101 Jackson Ave
Pasadena, Texas  77506

Gardens Elementary
1105 Harris Ave
Pasadena, Texas  77506

Kruse Elementary++
400 Park Lane
Pasadena, Texas  77506

Richey Elementary
6105  Richey St.
Pasadena, Texas  77506

Nimitz Health Center (Aldine ISD) – 832-658-5220
Nimitz Senior High
2005 West W Thorne Dr.
Houston, Texas  77073

Nimitz 9th Grade
2425 West W Thorne Dr.
Houston, Texas  77073
Lewis Middle
21255 W Hardy
Houston, Texas  77073

Teague Middle
21700 Rayford Rd.
Humble, TX 77338

Parker Intermediate
19850 E Hardy
Houston, Texas  77073

Rayford Intermediate
21919 Rayford Rd.
Humble, TX  77338

Dunn Elementary++
2003 West W. Thorne Dr.
Houston, Texas  77073

Magrill Elementary
2170 Rayford Rd.
Humble, TX  77338

Alief Health Center (Alief ISD) – 832-658-5210

Elsik High
12601 High Star
Houston, Texas  77072

Elsik 9th Grade
6767 So Dairy Ashford
Houston, Texas  77072

Hasting High
4410 Cook
Houston, Texas  77072

Hasting 9th
6750 Cook
Houston, Texas  77072

Taylor High
7555 Howell-Sugarland Road
Houston, Texas  77083

Alief Middle School
4415 Cook
Houston, Texas  77072

Crossroads
12360 Bear Ram Road
Houston, Texas  77072

SOAR/LINC/NHS
High School Annex
12501 High Star Dr.
Houston, Texas 77072

++Location of clinic