

EDUCATIONAL ACCESS CHALLENGES WITH
COVID-19:
BRIDGING THE DIGITAL DIVIDE

Mayor Sylvester Turner's
Office of Education



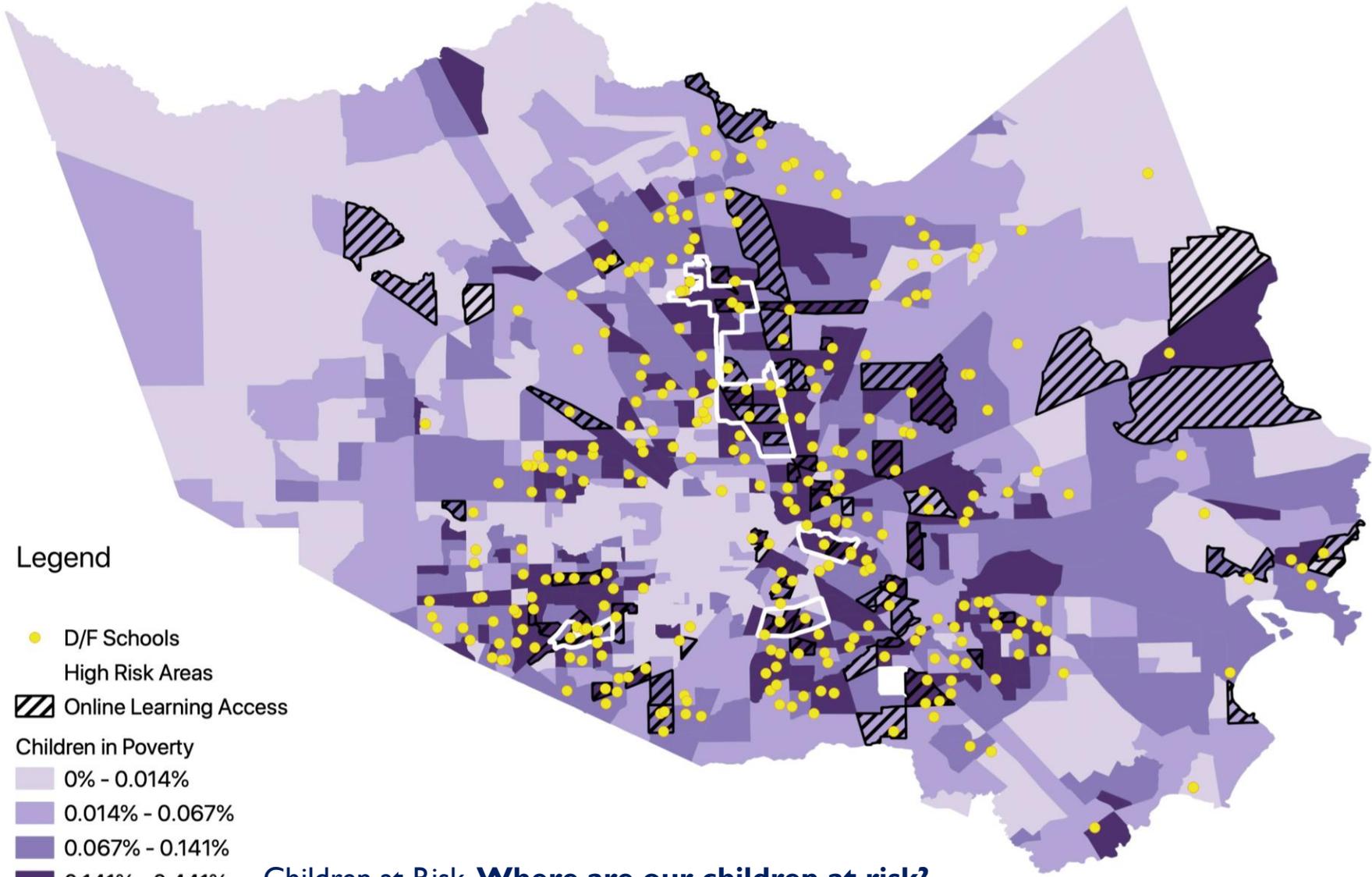
Region 4 covers schools in the Houston metro area. From its headquarters in Houston, the Region 4 office helps support over 1.1 million students in 103 school districts. It is the largest of the TEA regions and over 20% of Texas public school students belong to this region.



| School District | Economically Disadvantaged |
|-------------------|----------------------------|
| Aldine ISD | 87.20% |
| Alief ISD | 84.40% |
| Clear Creek ISD | 28.70% |
| Crosby ISD | 53.50% |
| Cy-Fair ISD | 54.50% |
| Fort Bend ISD | 43.20% |
| Galena Park ISD | 85.50% |
| Houston ISD | 74.93% |
| Huffman ISD | 35.60% |
| Humble ISD | 38.00% |
| Katy ISD | 31.60% |
| Klein ISD | 45.20% |
| New Caney ISD | 68.30% |
| Pasadena ISD | 86.30% |
| Sheldon ISD | 82.60% |
| Spring ISD | 70.10% |
| Spring Branch ISD | 58.90% |

| School District | White | Hispanic | AA/Black | Asian | Pacific Isl. | 2+ | Total Population |
|-------------------|---------------|---------------|---------------|---------------|--------------|--------------|------------------|
| Aldine ISD | 2.40% | 72.70% | 22.7% | 1.10% | 0.20% | 0.70% | 66,736 |
| Alief ISD | 3.80% | 54.20% | 28.90% | 11.70% | 0.20% | 0.50% | 45,423 |
| Clear Creek ISD | 45.80% | 31.40% | 8.20% | 9.60% | 0.10% | 4.70% | 42,042 |
| Crosby ISD | 42.20% | 40.20% | 14.70% | 0.40% | N/A | 2.30% | 6,308 |
| Cy-Fair ISD | 24.10% | 44.40% | 18.60% | 9.30% | 0.10% | 2.60% | 116,245 |
| Fort Bend ISD | 16.20% | 26.50% | 27.10% | 26.40% | 0.20% | 3.30% | 75,797 |
| Galena Park ISD | 4.10% | 79.10% | 15.00% | 0.60% | 0.0% | 0.80% | 22,264 |
| Houston ISD | 9.00% | 62.00% | 23.30% | 4.72% | 0.10% | 1.20% | 209,040 |
| Huffman ISD | 71.70% | 23.60% | 2.60% | 0.50% | N/A | 2.40% | 3,529 |
| Humble ISD | 36.3% | 36.30% | 21.40% | 3.20% | 0.60% | 2.00% | 43,441 |
| Katy ISD | 34.40% | 35.40% | 11.20% | 15.40% | 0.20% | 3.10% | 79,710 |
| Klein ISD | 31.30% | 41.40% | 15.00% | 8.40% | 0.10% | 3.30% | 53,252 |
| New Caney ISD | 32.20% | 59.60% | 3.70% | 1.90% | 0.20% | 2.10% | 15,360 |
| Pasadena ISD | 5.60% | 83.40% | 7.20% | 3.00% | 0.10% | 0.60% | 53,157 |
| Sheldon ISD | 5.60% | 69.56% | 21.10% | 0.40% | 0.20% | 1.20% | 9,389 |
| Spring ISD | 7.50% | 46.00% | 40.00% | 2.75% | 0.30% | 1.60% | 35,348 |
| Spring Branch ISD | 26.90% | 59.20% | 4.90% | 6.50% | 0.00% | 2.20% | 34,632 |
| Summary: | 23.48% | 50.88% | 16.8% | 6.22% | 0.15% | 2.04% | 911,637 |

Access To Online Learning, Harris County



Legend

- D/F Schools
- ▨ High Risk Areas
- ▨ Online Learning Access
- Children in Poverty
 - 0% - 0.014%
 - 0.014% - 0.067%
 - 0.067% - 0.141%
 - 0.141% - 0.441%

Children at Risk, **Where are our children at risk?**
Online Learning Access: Harris County

Complete Communities

Residential Internet Connection per 1000 Households

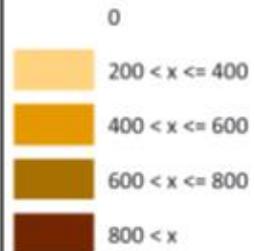
 Complete Community

 Major Streets

 Major Highways

Internet Connection

>= 10 Mbps Downstream

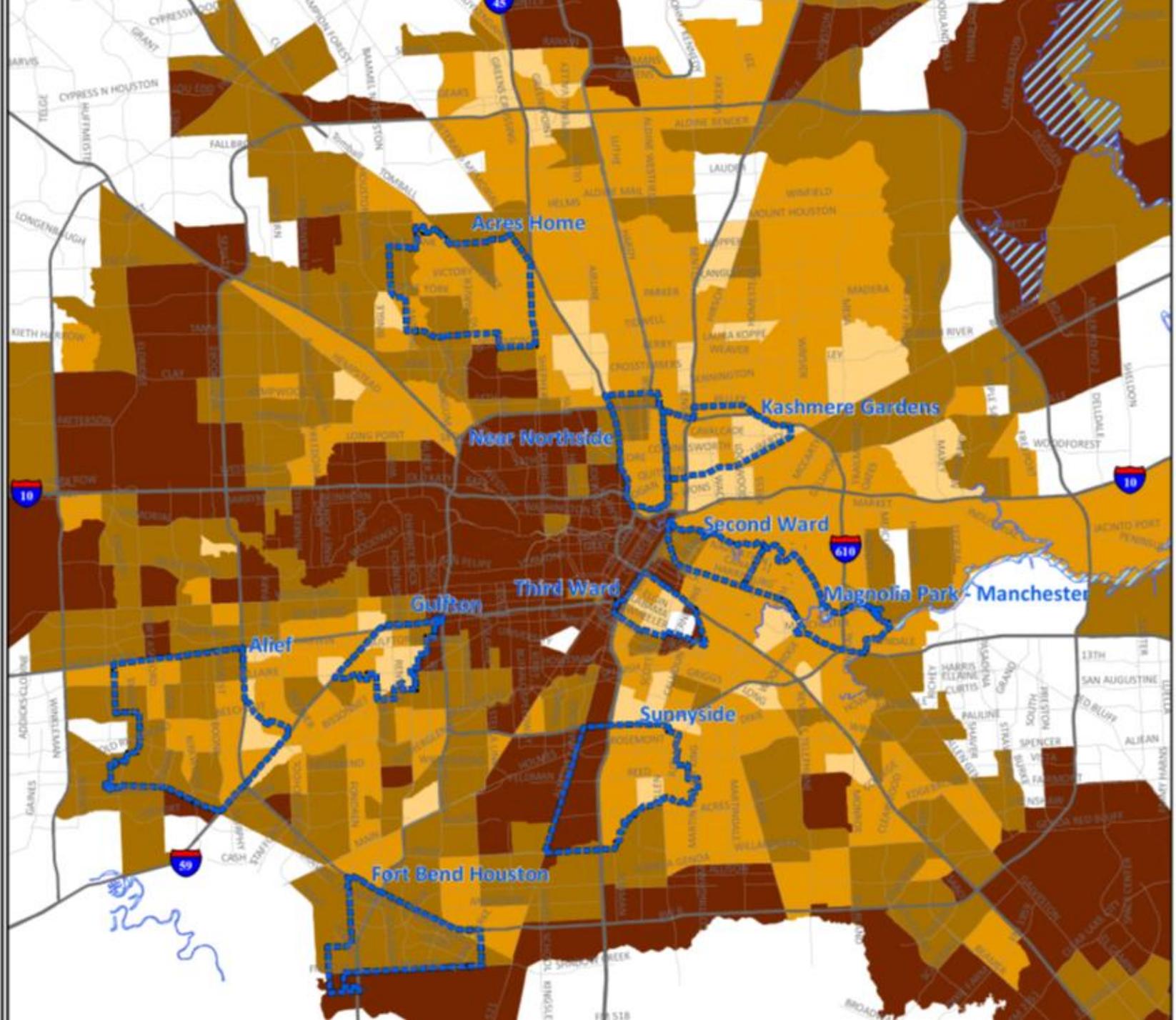


Source: FCC
Note: 1 Mbps upstream
Date: April 2020

This map is made available for reference purposes only and should not be substituted for a survey product. The City of Houston will not accept liability of any kind in conjunction with its use.



PLANNING & DEVELOPMENT





**1) HARDWARE, 2) CONNECTIVITY,
3) DIGITAL INSTRUCTION**

- Digital inequity is a social justice issue, as a lack of digital connectivity compromises educational access.
- It adversely impacts public education, healthcare – telemedicine, employment, access to the market, and the distribution of news and information to keep children, youth, and families safe.
- Local government and our school districts have been working together to narrow the digital divide during the COVID-19 pandemic.



CHALLENGE

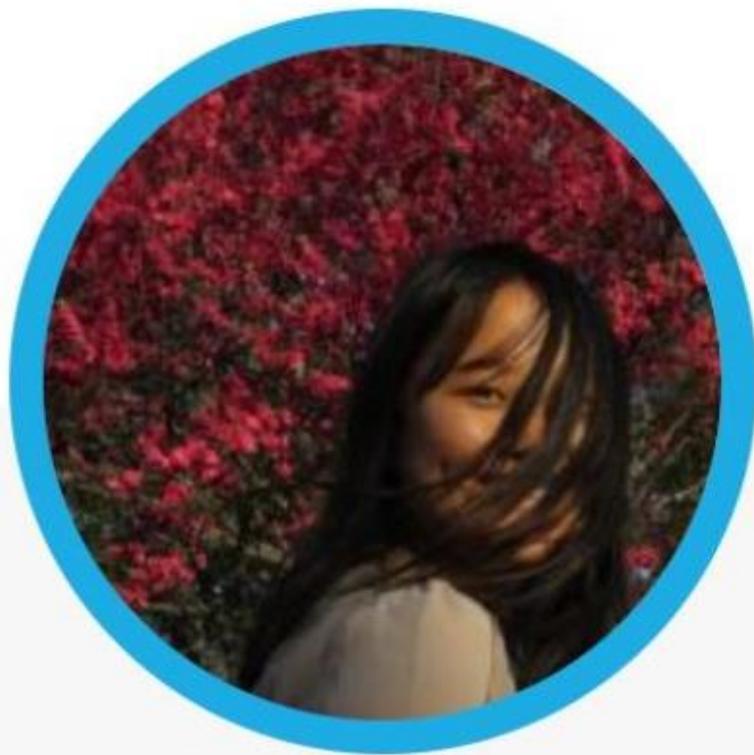
SOLVING THIS PROBLEM TOGETHER

- **Education**
 - 17 School Districts
 - Region IV
 - Post-Secondary Institutions
- **Government**
 - City of Houston
 - Harris County
 - Fort Bend County
- **Business**
 - Telecom Companies
 - Device/Hardware Companies
 - Greater Houston Partnership
- **Non-Profits**
 - Bloomberg Philanthropy
 - UNICEF USA, Comp-U-Dopt
- **Collective Impact**
 - Mayor's COVID-19 Recovery Team
 - Mayor's Health Equity Response Taskforce
 - **Subcommittees:**
 - Medical
 - Data/Metrics
 - Technology
 - Public Health Education
 - Faith Leaders
 - Communication/Marketing

Closing Thought

A hope that this change in our lifestyles shall be an ignition of a new change when it ends, a change which will prevent change like this to repeat itself in the days ahead...

- UNICEF Voices of Youth Contributor



for every child