Local Public Health Matters: Substance Abuse Partnerships in Harris County

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CSTE Webinar

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Harris County: Big, Diverse & Complex

Harris County is the third most populous county with over 4.7 million people spread over 1,778 square miles.
Population Growth from 1990 - 2016

<table>
<thead>
<tr>
<th>Region</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.A.</td>
<td>30%</td>
</tr>
<tr>
<td>Cook County</td>
<td>3%</td>
</tr>
<tr>
<td>LA County</td>
<td>15%</td>
</tr>
<tr>
<td>Harris County</td>
<td>67%</td>
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</tbody>
</table>

Population Size, 2016

- Unincorporated: 2.0M
- City of Houston: 2.2M
- Other municipalities: 500K

Source: Population Study, Harris County Budget Management Department, February 2016. Available at: http://www.harriscountytx.gov/budget/
HCPH Priority Public Health Issues for 2013-2018

Selected for the magnitude of the issue and our ability to make progress in Harris County

Health

Where Innovation, Engagement, & Equity meet.

Our Road to Health
**OUR PREMISE: LLWWP**

**LLWWP:** Health is a complex equation based on a number of inputs not limited to the clinic setting. Health takes place:

- Where people *Live*
- Where people *Learn*
- Where people *Work*
- Where people *Worship*
- Where people *Play*
#InvisibilityCrisis
Public Health Challenges and Solutions Do not Recognize Borders
Our Premise: LLWWP
Opioids: a national problem
Public Health Crisis of Pain
Opioids: The Solution to Pain in the Nation?

Source: Trust for America’s Health – Pain the Nation Update (February 2018)
Opioids: a local solution
Partners in Data Exploration
Count of Substance Abuse Deaths

Source: Harris County IFS Mortality Data (2010-2017) N = 4134
Count of Drugs

cocaine
hydrocodone
ethanol
alprazolam
heroin
methamphetamine
diazepam
carisoprodol
methadone
oxycodone
morphine
clonazepam
acetaminophen
fentanyl
tramadol
amitriptyline
quetiapine
codeine
citalopram
trazodone
alcohol
zolpidem
Network analysis of drugs
Partners in Prevention
The 3C’s of Opioid Response - HCPH

- **Capacity-Building**
  - Internal – workforce investment, DAP Taskforce
  - External – substance abuse prevention coalitions

- **Collaborative Planning/Programs**
  - Policy advocacy, decreasing access (safe disposal)
  - Social/Environmental change (school curricula)

- **Community Engagement**
  - Healthcare (SDOH screening, PDMP, MAT)
  - Community/patient (social media, outreach)
Opioids: a local problem needs local solutions

- **Local data**
- **Local funding**
- **Local seat at the table**
Future State: Looking Ahead

A well-recognized and well-resourced public health surveillance system that is strong, adaptable and responsive to community needs.