School Based Health
Our Mission:

To show the love and share the truth of Jesus Christ to southeastern Kentucky, through access to compassionate, high quality, primary health care for the whole person.
Grace Health School-Based Health

- School-based services are provided in 38 school-based health centers
- Provide school-based health in:
  - Bell County Public Schools
  - Clay County Public Schools
  - Knox County Public Schools
  - Leslie County Public Schools
  - Corbin Independent School District
Grace SBHC Services

- Nurses *RN or LPN*) on site at each school every day
- Rotating nurse practitioner on site
- Primary Care
  - Preventive care (well child visits etc)
  - Treatment for acute illnesses (cuts, headaches, cough, sore throat, fever etc.)
  - Manage chronic conditions like diabetes
- Dental
- State of the art telehealth program
- Vaccines/immunizations
- Health education
Grace Health SBHC Services

- Address emergencies like seizures, anaphylactic reactions, asthma exacerbations, head injuries, broken bones etc
- Sports physicals
- Referrals
- Coordinated care with other providers
- Order labs, x-rays and other outpatient diagnostic procedures
- Kentucky HEALTH and Marketplace assisters to assist uninsured children and staff
Grace Health SBHC Services

- Enrollment at schools with our SBHC: **15,600**
- Saw patients in more than **46,000** visits
Why School-Based Health?

- High need in the community
  - 70.9% children eligible for free/reduced lunch
  - 10.4% households have no vehicle
    - No access to a vehicle in a very rural area causes many barriers
  - 42.4% of the population on Medicaid
  - 40.9% children live in poverty
Why School-Based Health?

• Access to healthcare providers is limited
  ▫ 38 dentists per 100,000 population (compared to 61.8 per 100,000 across the state)
  ▫ 47.6 primary care providers per 100,000 population (compared to 74 across the state)

• For many students, the provider they see at school is the only access to healthcare they have
Why School-Based Health?

• High need for health care:
  ▫ Poor health: 30.0%
  ▫ Poor dental health: 33.1%
  ▫ Asthma: 18.4%
  ▫ Diabetes: 13.1%
  ▫ Heart disease: 11.7%
  ▫ High blood pressure: 37.7%
  ▫ Obesity: 38.2%

• By providing care early, we can prevent serious conditions from developing
## Health Outcomes

<table>
<thead>
<tr>
<th></th>
<th>Heart Disease Mortality (per 100,000)</th>
<th>Drug Poisoning (per 100,000)</th>
<th>Lung Disease (per 100,000)</th>
<th>Premature Death Rate (per 100,000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Area</td>
<td>264</td>
<td>38.4</td>
<td>81.5</td>
<td>12,549</td>
</tr>
<tr>
<td>National</td>
<td>168.2</td>
<td>15.6</td>
<td>41.3</td>
<td>7,222</td>
</tr>
</tbody>
</table>
Why School-Based Health?

• Health care safety net
• Enable children with acute or chronic illnesses to attend school and improve their overall health and wellness through health screenings, health promotion, and disease prevention activities.
Why School-Based Health?

• Results - decrease in non-urgent emergency department visits (Young, D’Angelo, & Davis 2001).
• SBHCs increases preventative screens (Jones & Clark 1997)
• Schools with SBHCs have lower hospitalization rates for asthma (Webber et al. 2003)
• Decreases absenteeism (McCord et al. 1993)
• Improves drop out rate (McCord et al. 1993)
Our Model

- Age-appropriate services focus on:
  - Prevention
  - Early intervention
  - Immediate or urgent need (while avoiding expensive forms of care like the emergency department.)
Access to Care

• Children with the greatest unmet need, including uninsured students, benefit most from SBHC services.
• SBHCs have significant ability to reduce health care access disparities.
USDA DLT Grants

- Grace Health 2011 (3 year project)
  - Basic Telehealth Equipment Funding
  - $100,000 Project
  - 15% Match
USDA DLT Grants

- Partnership with Baptist Health Corbin 2016
  - Mobile Telehealth Carts
  - 10 School Based Health Sites
    - Behavioral Health
USDA DLT Grants

- **Grace Health 2018**
  - Telehealth Equipment Funding
  - $649,866 includes $153,786
    - 7 Clinics Sites
    - 8 School Based Health Sites
    - 6 Nursing Home Sites
    - 1 LTAC Site
References