

two vital signs of wellness

health & education




our why

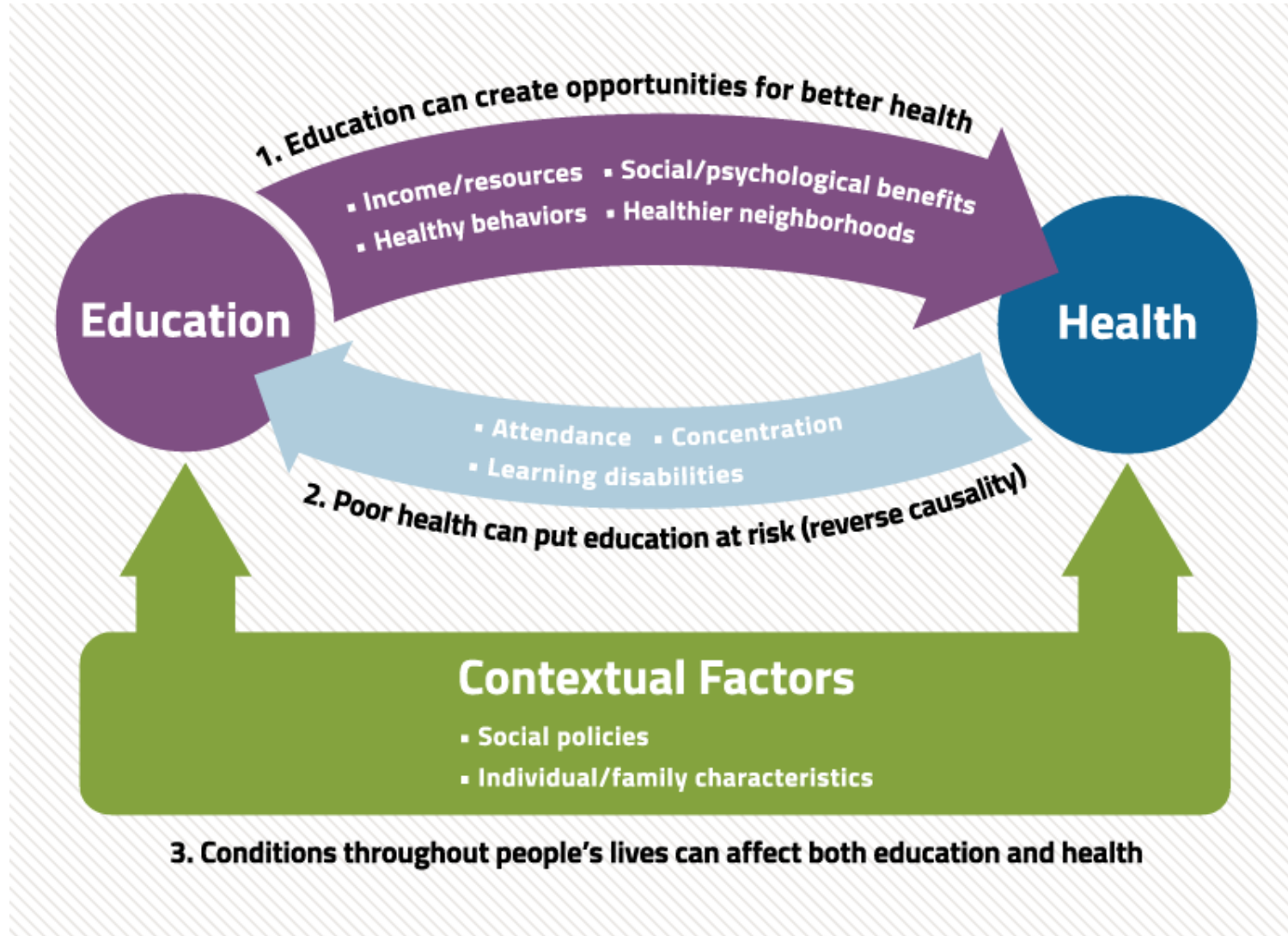
The health of the overall family needs support for children to thrive. We have partnered for various opportunities to fill gaps in partnership with education to address physical needs and social needs for learning.



Alone we can do so little; together we can do so much – Helen Keller

A decorative graphic in the bottom right corner consisting of several overlapping, light blue, curved shapes that resemble stylized leaves or petals.

the connection





partnerships



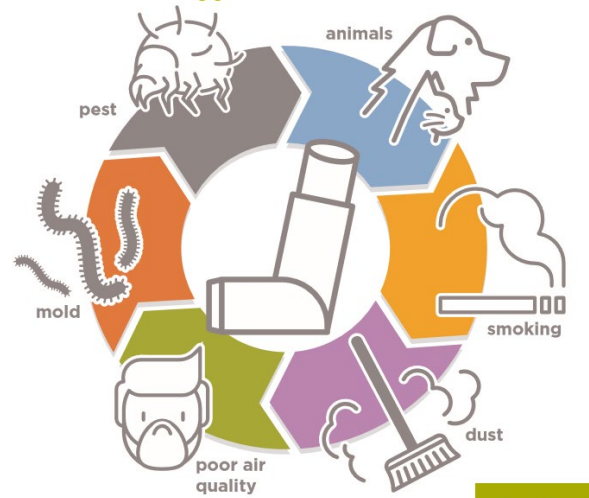


physical needs

dayton asthma alliance

- School-based work
 - Dayton Public Schools Open Airways Program
 - Asthma Mobile Unit
- Clinic-based work
 - Community Health Workers
 - Pulmonary clinic programs
 - Co-management project
- Community-based work
 - Smoking/vaping cessation
 - Community events

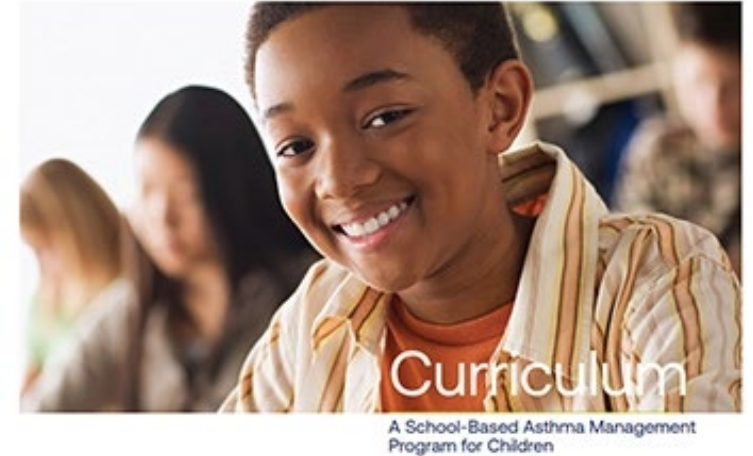
Most common triggers found in homes



open airways for schools, 2018 - 2019

- Partners: Wright State University School of Nursing & Dayton Public Schools
- Trained 1098 DPS Staff in 26 schools about asthma.
- Trained 15 parents about asthma.
- Educated 50 DPS students from 11 elementary schools in Open Airways for Schools (OA) asthma education program.
- Most of the education sessions were shortened to 30 minutes.
- Students at 3 schools who did not receive the OA program served as the control group.

American
Lung Association.
Open Airways for Schools



DPS/CHCGD MOBILE HEALTH UNIT (MHU), 2018 - 2019

- Partners: CareSource, Community Health Centers of Greater Dayton & Dayton Public Schools
- Provided asthma care to 162 students in 20 of the 26 DPS schools.
- Sent 122 prescriptions for asthma inhaler, spacer, or related medications.
- Sent 56 referrals to PCP and parent for low Asthma Control Test score

2018-19 MHU OUTCOME DATA SUMMARY					
VISIT #	VISIT 1	VISIT 2	VISIT 3	VISIT 4	TOTAL VISITS
TOTAL VISITS	162	121	98	64	445
AVERAGE ACT SCORE	20.39	19.98	21.58	20.05	
AVERAGE INHALER CHECKLIST SCORE	3.35	3.98	4.47	4.75	
% NO INHALER AT SCHOOL	75%	58%	40%	40%	
% YES HAS INHALER AT SCHOOL	25%	42%	60%	60%	
#Referred for ACT=19 or less	16%	16%	8%	16%	56



social needs

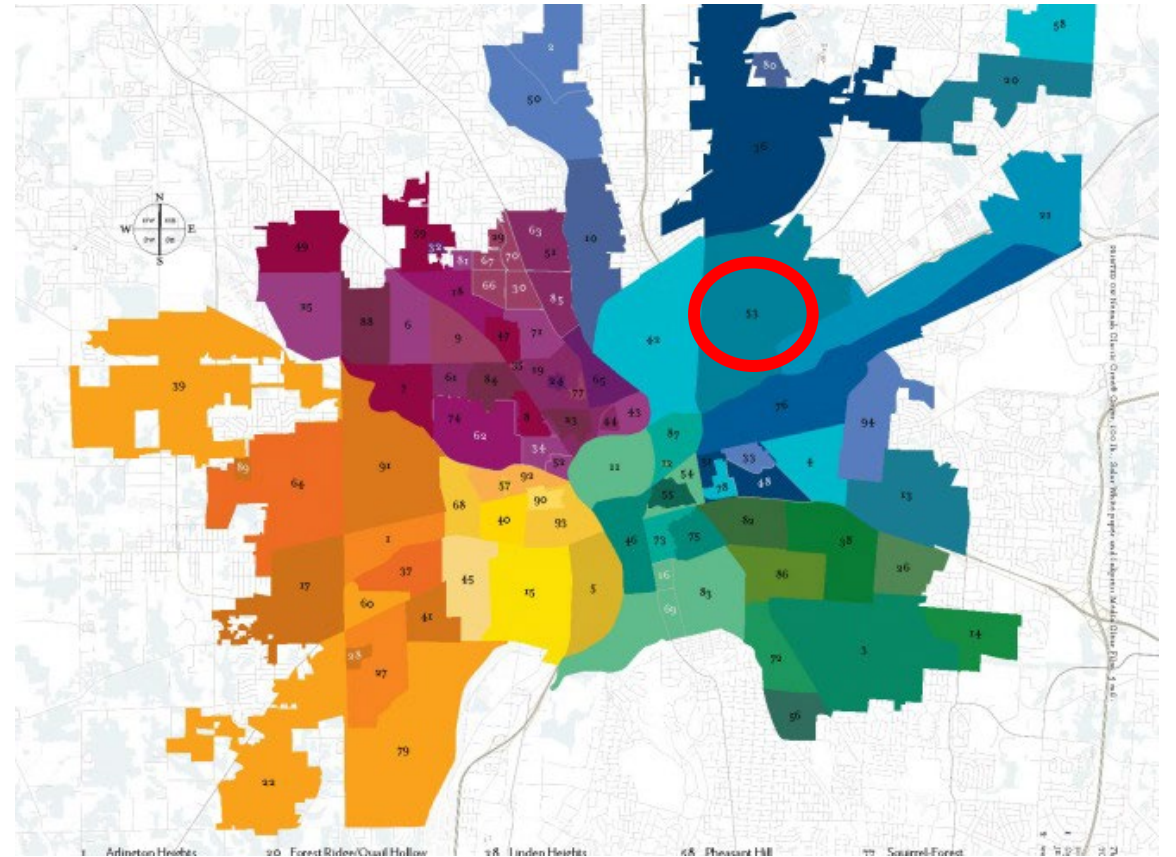
Neighborhood School Center Partnership

What is a Neighborhood School Center?

- Dayton Public Schools that are **centered on their neighborhoods, serving as healthy places of learning for children and families.** They seek to improve student performance, realign community resources to support youth achievement and improve quality of life in the neighborhood.

Partnership Description:

- Since 2019, Dayton Children's has been a Neighborhood School Center partner with Kiser Elementary School located in Greater Old North Dayton (the neighborhood where the hospital is located)



who we serve

At Kiser elementary school, 40% of students speak a native language other than English:

- Spanish
- Turkish
- Kinyarwanda (central African language)
- Swahili
- Arabic

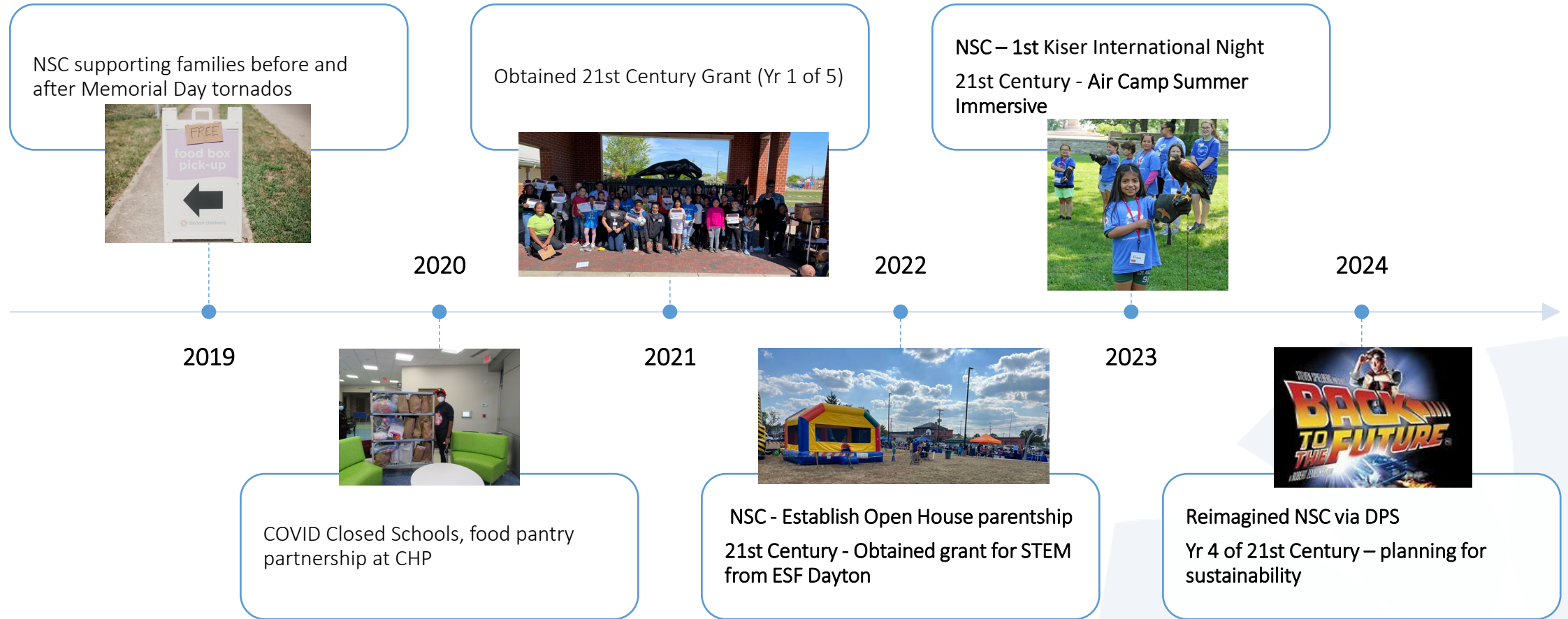
In the city of Dayton, 48.2% of children live at or below the federal poverty level, which is higher than the state and national averages.

About 80% of children under 5 in Dayton live in poverty, and nearly one in five live in deep poverty

One out of four children in Montgomery County experienced food insecurity



program/project timeline and milestones



NSC – Neighborhood School Center

DPS – Dayton Public Schools

21st Century – afterschool/summer program grant

outcomes and process

21st Century Afterschool Program 2021-2024

- Focus on improving:
 - School day attendance
 - Academic outcomes in ELA and Math
 - Behavior (social emotional learning)
 - Family engagement



Family Resource Coordinator

- Supports and develops family engagement opportunities
- Connect families to resources and programs that address social needs
- Preceptor for interns from UD
- Solicit volunteers and donors to support programming

Family Resource Coordinator

Metric	2023	2024
Students Served	747	619
Families Served	214	598
# of Volunteers	51	155
# of FRC led event/ program hours	28 hours	98 hours
# of students in weekly weekend food bag program	137	176
# of students/families needing specific resource support	14 families (28 students)	92 families (students)





open discussion

What do you see as the role of medical professionals in addressing developmental and educational need?

Can medical-educational partnerships address social and cultural challenges?

What role does trauma and disparities in childhood opportunity play in achieving wellness?

