SOCIAL DETERMINANTS OF HEALTH: BUILDING A SAFETY NET FOR STUDENTS

Arthur McFarlane II, MS
Children's Hospital Colorado
Breathing Institute

Thank you AsthmaCOMP Team and Community Partners!

- School Nurse Asthma Champions
- Colorado Department of Education RN's
- National Jewish Health

COLORADO
Department of Public Health & Environment

DENVER PUBLIC SCHOOLS
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Healthy Schools Start Here

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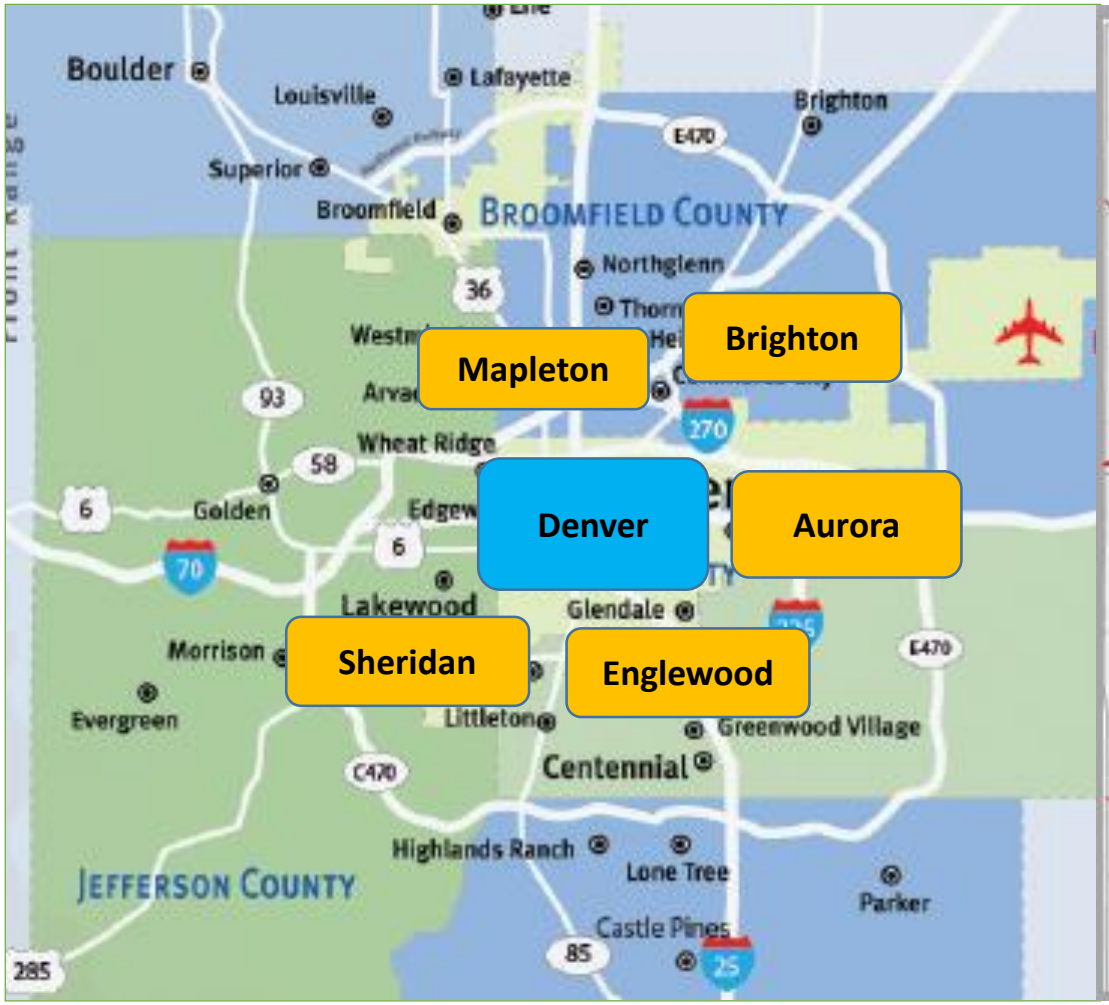
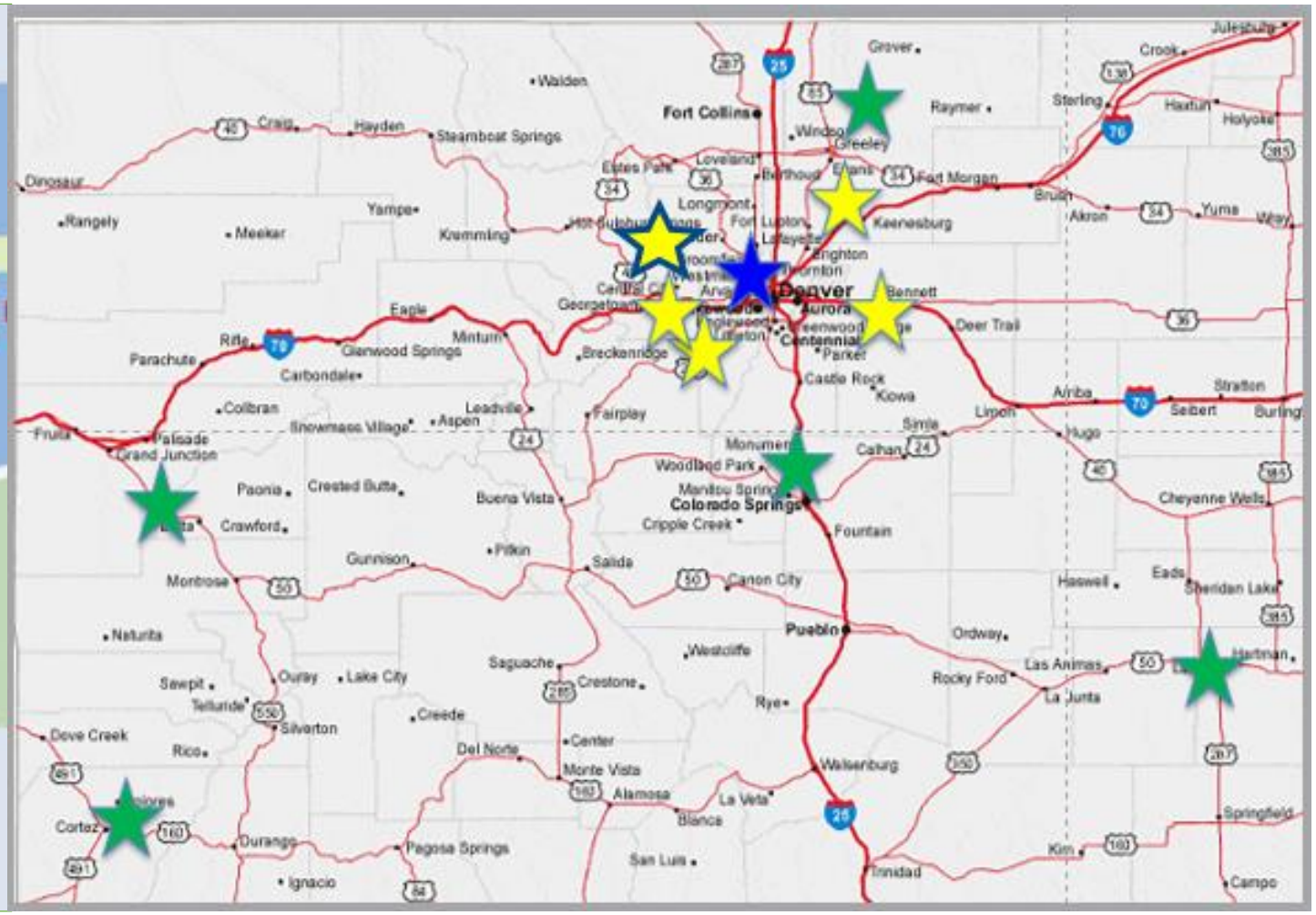
COLORADO ASSOCIATION FOR SCHOOL-BASED HEALTH CARE

AsthmaCOMP School Districts



Implemented in 6 Denver Metro school districts



Statewide expansion to 5 regional hubs

AsthmaCOMP Student Demographics

84.1% - Medicaid

25.9% - Black/African American

66.6% - Hispanic

11.7% - Primary Spanish language speaker

94.0% - Qualify for free and reduced school lunch

63.8% - Have high risk asthma

Data Gathering

Baseline Survey
Follow-up Surveys
End-of-Year Survey
Asthma Control Test (C/ACT)
Metered Dose Inhaler Training
Open Airways for Schools
SDOH Screener
Medical/Non-Medical Referrals
Home School Learning
Sleep Questionnaire

Step Up Asthma Results - All Cohorts – 2015-2018								
	Baseline N=585		End of year one N=546		End of year two N=268		End of year three N=95	
	Number	%	Number	%	Number	%	Number	%
Hospitalizations	64	10.9%	16	2.9%	6	2.2%	0	0%
ED Visits	239	40.9%	67	12.3%	27	10.1%	6	6.3%
Prednisone administered	253	43.2%	75	13.7%	31	11.6%	6	6.3%
Controlled Asthma	371	63.4%	447	81.9%	245	91.4%	87	91.6%
No Missed School	121	20.7%	216	39.6%	120	44.8%	57	60%
Missed >10 days of school	107	18.3%	36	6.6%	8	3.0%	0	0%
No limited activity	218	37.3%	310	56.8%	165	61.6%	66	69.5%
Extremely limited activity	67	11.5%	27	4.9%	6	2.2%	0	0%
No Impact on grades	316	54.0%	425	77.8%	228	85.1%	84	88.4%

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SDOH Results

Year One

- 29 of 112 participants had a positive screen for 1 or more SDOH barriers
- 58 referrals made to community agencies (health, transportation and food resources)

Year Two

- 31 of 110 participants had a positive screen for 1 or more SDOH barriers
- 48 referrals made to community agencies (health, transportation and food resources)

SDOH Results

Year One Follow-up

- 50% of parents said they followed up on the referrals (medical insurance, PCP follow-up, other/food resources)
- 50% have ongoing concerns (research studies, PCP follow-up, other/mixed)

Year Two Follow-up

- Stay tuned

What's Next?

- Common Resources
- Building Networks
- Communication with Communities
  - Building trust
  - Staying for the long-haul
  - Warm handoffs
- Financial support for SDOH Non-profits/NGO's
  - Public and Private Donations
  - Cost-sharing
  - Pass through funds
- Advocacy and Policy Changes
  - Supporting grant applications
  - Legislative support
  - Supporting MLP's

DISCUSSION