2018 COMMUNITY BENEFIT REPORT

Population Health Through the Eyes of a Child



Children's Hospital Colorado

Investment in community

As a nonprofit pediatric hospital, Children's Hospital Colorado uses net earnings to reinvest in the health and wellbeing of children. Our community benefit activities go beyond caring for patients and impact our community at large.

In 2018, we proudly reported more than \$182,152,982 in community benefit activities and \$1,284,632 in community building activities.

Access to care and financial assistance \$122,617,294 ▲

Includes reimbursed costs of caring for patients enrolled in Medicaid, Child Health Plan Plus (CHP+) and other government programs

Subsidized health services

\$7,866,472 🔺

Includes unreimbursed costs from operating programs that meet a community need, such as behavioral health services

Research

\$17,449,745 🔺

Includes laboratory science and applied research, which advances the best care for kids

Health professions education

\$19,218,438

Includes graduate medical education for residents and fellows, nursing students and other health professionals such as community pediatricians and trauma providers

Community health improvement \$14,461,187

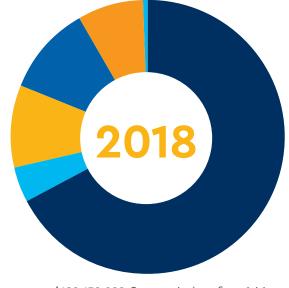
Includes activities such as immunization fairs, dental screenings and parent education

Cash and in-kind contributions \$539,846 ▲

Includes cash and in-kind donations such as sponsorships of nonprofit events, donation of meeting space and donation of health and safety educational materials

Community building activities \$1,284,632

Includes environmental improvements, workforce development, community health improvement and advocacy efforts



TOTAL = \$182,152,982 Community benefit activities \$1,284,632 Community building activities

*All financial data is for fiscal year 2018. This report includes amounts expended by Children's Colorado's hospital facilities, as reported on Schedule H of the IRS Form 990. Accordingly, the activities in this Community Benefit Report are greater than the amounts reported in the Children's Colorado Schedule H, which only applies to our hospital facilities. For questions or more information, call Julie Beaubian, Community Health Manager, at 720-777-8780.

Following the course of a child's life: the population health approach

Here, we know child health is most positively impacted when we align world-class clinical care with effective supports in the communities where children live, learn and play. That's why we invest significant resources each year into preventative programs and partnerships that treat all aspects of a child's health.

We can't fully address child health outcomes without looking at family, caregiver and community health surrounding that child. Research shows that approaching health with a holistic lens and a two-generational model — influencing both child and caregiver — is a more effective way to improve the trajectory of a child's life.

This means we must look at social determinants of health like community safety, food security, home dynamics, education, income and more. It means we must find ways to better support parents and caregivers. And it means we must actively work to advocate for systems-level policy change at the local, state and federal level. When we address these factors, that's when we see positive effects on child health, as well as dramatic cost-savings for our state.

We do this by partnering with primary care providers, schools and community-based organizations who have similar goals to improve child health. We then work together to reduce illness and improve the health and wellbeing of children and families in our local community. Our support for a child starts before they're even born, with services for pregnant mothers ensuring they have the best chance at a healthy pregnancy and new baby. Once a baby is born, we support them as they navigate their path to becoming an adult — through their early childhood, school-age and high school years. Whether a child is receiving clinical care in our facilities or involved with one of our many programs and partnerships in their school or community, we have multiple touchpoints with that child throughout the course of their young lives.

And by the time they transition into adulthood, our goal is that they have the greatest opportunity for a bright and healthy future. Because every child, regardless of condition, location or life circumstance, deserves that opportunity.

Here, we'll follow the course of one child's young life, demonstrating the many ways we support that child and their family as they grow up.



Pregnancy

Young Mother's Clinic

Our Young Mother's Clinic serves parenting adolescents and their families through innovative, evidence-based care. We create a safe and supportive environment with an integrated medical team to meet the unique needs of this population. We empower and support our patients through advocacy,



education, clinical care and research, assisting them in becoming successful parents and productive adults.

5,200 Young mom patient visits from 2017-2018



Medicaid patients



Grow and Smile - Young Parents Support Program

We partner with the Young Parent Support Program at Aurora Public Schools, which helps teen mothers and fathers navigate the multiple challenges that come with being both a parent and a student. Through the Grow and Smile Program, young parents receive dental care at one of our school-based dental clinics. Students also receive information about child dental health, growth and development, teething, good nutrition and feeding practices for their new babies.



Early Childhood

Newborn screening

Each year, 67,000 babies are born in Colorado. Passed during the 2018 state legislative session with the leadership of our advocacy team, House Bill 1006 modernizes the Colorado newborn screening law by expanding testing to cover new genetic and metabolic diseases, strengthening the newborn hearing screening program and improving the follow-up process for babies needing additional testing to ensure timely connection to healthcare services.

2,000

Babies annually are found to need additional hearing testing, potentially requiring resources to avoid developmental delays

Psychosocial screener

Our Child Health Clinic is one of the largest providers of pediatric primary care for Medicaid patients in Aurora, with children birth to five years old making up the highest percentage of patients. Our psychosocial screening tool asks families about challenges related to access to healthcare, resource needs like housing or food, financial challenges, safety, relationships and caregiver wellbeing, and more. We then connect these families with resources to provide a safe, stable and nurturing environment for their child.

13,000+

Psychosocial screenings in our Child Health Clinic in 2018



Safe sleep

Our Community Health Navigators distribute Pack 'n Play cribs at no cost to families, ensuring they properly set up the crib, regularly practice safe sleep and create a home environment aimed at keeping their infant safe and healthy.

Breastfeeding support

We support new moms with our Breastfeeding Management Clinic, which offers a comprehensive approach to breastfeeding and a unique, multidisciplinary set of services.



Cavity-Free at Three

Though dental decay is the number-one chronic disease affecting children, cavities are preventable with proper dental care. Cavity-Free at Three is our infant oral healthcare program for children under the age of three. Each year more than **1,500** infants and toddlers receive care in the Cavity Free at Three clinic. Children are seen in the dental clinic, Child Health Clinic and community-based clinics, where they receive important preventive services.

Car seat inspections

Our team of nationally certified Child Passenger Safety Technicians conduct complimentary car seat inspections, where a child's restraint is checked for proper use, installation and recall history. We also host semi-annual certification trainings, building a cadre of technicians equipped with the knowledge and expertise to guide families on safe travel.



Preschool dental screenings

We conduct dental screenings at local preschools to help identify children with dental needs, promote oral health and instill healthy habits. We also apply fluoride varnish to help prevent cavities.

"Our goal is for kids to have a healthy mouth before starting kindergarten."

KAREN WELLS, DENTAL HYGIENIST



Aurora Public Schools partnership

We partner with Aurora Public Schools on programs that enhance their school-level "culture of health." These programs include healthy eating, physical activity, behavioral health, oral health, sexual health, injury prevention and respiratory health.

Peak Champions

Our Peak Champions camp program helps children who are overweight and obese at greater risk for summer weight gain. This weeklong program for underserved, low-income youth incorporates physical activity and nutrition curriculum to engage youth in continuous physical activity while learning about goal setting, teamwork, culinary skills and healthy lifestyles.



"The goal is to engage youth in healthy lifestyle activities in a fun way that they and their parents or caregivers will positively respond to and continue after camp ends."

EVE KUTCHMAN, HEALTHY KIDS STRATEGIST

Colorado Alliance for School Health

We lead the Colorado Alliance for School Health, which puts health and education partners in collaboration to create better health outcomes among all Colorado students. Throughout 2018, the Alliance worked to craft their advocacy agenda, which outlines three actionable ways that healthcare and education can work better together to improve health and achievement for students. This agenda, our "Call to Action," will serve as an impetus to partner with local school districts on demonstration projects.

School-based dental center

Our team provides caring and affordable dental care to children at two convenient school locations, where all children are welcome.

During the 2018-2019 school year, **325** students received dental services. Dental providers provided 269 fluoride varnishes and cleanings and 26 sealants. By adding a hygienist in the schoolbased dental center, we saw a **300% increase** in the number of patients that had sealants applied and more than a 50% increase in preventive procedures from the 2017-2018 school year.





Oral health outreach events

Students screened

School nursing

Children who feel good learn better. They're also more likely to attend school without absences due to chronic health conditions. We partner with **349 schools** and child care programs to provide expert school nursing services.

77,399

Children and young adults impacted by our school nurse program



Nurses who work in communities we serve

School lunch advocacy

When healthy food is within reach of all students, their wellbeing and ability to focus in school improves. We joined antihunger partners across the state to pass Senate Bill 13, a measure that helps the state cover the cost of school lunches for certain low-income middle schoolers.





Workforce opportunities



Our Medical Career Collaborative program engages high school students in experiences that give them a jump start on careers in health, medicine and the biosciences. The program focuses on high-achieving students from underrepresented backgrounds and socio-economically disadvantaged groups in the Denver metro area.

"Our goal is to see these students move into healthcare careers by offering a direct pathway for them, and in turn, creating a more diverse healthcare workforce at Children's Colorado and across the state."

STACEY WHITESIDE, HUMAN RESOURCES MANAGER

Safe teen driving

In 2018, we provided guidance, tools and technical assistance to **8 high schools** for peer-to-peer teen driving events.

We hosted three teen driver safety events in zip codes with disproportionately higher rates for motor vehicle-related emergency department visits, reaching approximately **3,700 teens**.

Mental health

Our Mental Health Youth Action Board was created in 2013 to generate social action around the importance of behavioral health. Each year, a group of **15 teens** from across the Denver metro area create an arts-based project to share with the community. In 2018, we developed a social-emotional wellness toolkit for youthserving organizations, which was released with nearly **500 copies** distributed to schools and community-based organizations.

Sexual health education

Our sexual and reproductive health educator conducts school outreach, gives class presentations, manages an anonymous text line and builds collaborative relationships with schools and clinics in the Aurora and Denver metro community with the goal of increasing referrals and reaching at-risk youth. In the 2018-



2019 academic school, she facilitated 29 sexual and reproductive health presentations, collaborated with **18 schools** and reached **3,200 youth** in a classroom and clinical setting.

Adolescent Medicine Clinic

We provide specialized care in the areas of physical, sexual, mental and behavioral health for teens and adolescents.

6,500 Total patient visits from 2017-2018 70% Medicaid patients

Suicide prevention

In Colorado, suicide is the leading cause of death for youth ages 10 to 24. Firearms account for a significant portion of these suicides because many young people have access to their parents' guns.



Our team supported a suicide prevention effort in our Emergency Department through the purchase of **300 lock boxes**, which were distributed to families whose children were are risk for self-harm. This evidence-based program

focuses on identifying adolescents who could benefit from lethal means counseling, asking about their access to lethal methods and working with the patient and their families to reduce access.



Clinical care at Children's Colorado

Nursing professional development

We offer over **200 professional development opportunities** to our hospital nurses and community nurses each year. Our team looks at trends, education needs and specialty areas to indicate content and training needs, while also taking feedback from nurses on what they're seeing in their clinical practice and what they'd like to know more about.

6,659

Nurses trained in 2018 through professional development

"We aim to provide high-quality care to children we serve in the community, no matter what their diagnosis or ailment is. We do this by providing expertise and relevant education for all nurses in the community."

AYDRIAN DEDIEMAR, DIRECTOR OF NURSING PROFESSIONAL DEVELOPMENT

Asthma Home Visit Program

Our asthma home visit program, Just Keep Breathing, focuses on high-risk asthma patients within a 20-mile radius of the hospital who have been seen in the Emergency Department (ED) or admitted for asthma. Our Community Health Navigators teach the family how to administer asthma medication, conduct home tours to look for asthma triggers and connect the family with the resources they need to control the child's asthma.



Patients who participated in Just Keep Breathing demonstrate significantly improved medication device technique and asthma control. Within six months after the program, they are also significantly less likely to be seen in the ED or admitted for asthma than eligible patients who did not participate.

> **29** Patients enrolled



Reach the Peak asthma education

We host Reach the Peak, a oneday course that helps healthcare professionals improve asthma care in their practice and become certified asthma educators. The class is led by experts in their field, including providers, nurses and health educators. Its geared toward nurses based in schools, clinics and inpatient units, providers, medical assistants and health educators.

75+

Reach the Peak attendees every year



"Advocacy is a core part of our mission. That means speaking up for patients and families, kids in our community and kids across the country to ensure each of them have the opportunity to grow up healthy and strong." zach zaslow, senior director of government affairs

We also support the life of a community by working with local partners to implement relevant programs and initiatives.



Food security

No child should have to face the stress of food insecurity, especially in their earliest and most formative years. To help fight hunger, we developed a strategic roadmap that includes equipping low-income patients with access to adequate nutrition, collaborating with community partners and driving policy change that improves systemic access to food for children and their families across Colorado. We screen for food insecurity in some clinics and connect families to community-based resources, including our community garden. "As a large healthcare provider for children in our state, we have a responsibility to look beyond our walls and into the community to see how we can take up preventive solutions to address costly and persistent health disparities before they begin." ADITI RAMASWAMI, SENIOR POLICY COORDINATOR



Sustainability

Our sustainability work rests on five primary areas: waste management, recycling, conservation (both electrical and water), alternative transportation and green purchasing. We divert material from landfills through recycling, reusing, repurposing and donating standard items like plastic bottles, plastic food containers, glass, metal cans and paper. We also recycle wood pallets, scrap metal, toner cartridges, certain flammable chemicals, batteries, kitchen grease and more.

23.66%

Diversion rate from landfill in 2018

Team members registered to participate in the 2018 Bike to Work Day

273

"Land is a finite resource for the community. That's why we try to do our part to minimize the impact on landfills around the state and support the local community."

JOHN HUDGENS, SUSTAINABILITY SPECIALIST

Community Health Navigators

Our Community Health Navigators meet families in their homes and in their communities, connect them with resources and help them with basic daily needs. The program aims to address the many social determinants of health that keep kids from getting the healthcare they need.

When family needs are identified in the psychosocial screener or in one of our clinics, our Community Health Navigators help address each specific need by offering onsite services and supports, partnering with community organizations and connecting families with vital resources like baby supplies, food banks/food assistance, heating, as well as assist with bill payments, accessing critical benefits and more.



Local advocacy

Our government affairs team advocates for local policies to improve child health in areas like tobacco control, access to mental health services, healthy eating and more.



To learn more about Children's Hospital Colorado's population health and community work, visit childrenscolorado.org/CommunityHealth.



Our work continues in 2019 and beyond with the opening of the Children's Colorado Health Pavilion, our newest Denver Metro Network of Care site. The pavilion will be home to 19 departments that have been carefully selected to address the needs of kids in Aurora and surrounding areas, offering them comprehensive care under one roof. Patients will have access to dental care, mental health consultations — even healthy food.

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help you. You can also file a civil rights complaint with the U.S. Department of Health and Human Services. Office for Civil Rights, electronically through the Office for Civil Rights Complaint Portal, available at https://ocrportal.htbs.gov/ocr/portal/hbbyjsf, or by mail or phone at: U.S. Department of Health and Human Services. 200 Independence Avenue, SW Room 509F, HHH Building Washington, D.C. 20201 1-800-368-1019, 800-537-7697 (TDD) Complaint forms are available at https://www.hhs.gov/ocr/office/file/index.html. Children's Hospital Colorado complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national ontigin, age, disability, or sex. ATENCION: si habla español, tiene a su disposicion servicios gratutos de asistencia lingüística. Lame at 1-720-777-1234. CHÚÝ N.Nub an noi Třeng Việt, có các dich vi hột trangon ngô miền phi dánh cho bạn. Gội số 1-720-777-1234. 주의: 한국어를 사용하시는 경우, 언어 지원 서비스를 무효로 이용하실 수 있습니다. 1-720-777-1234 변으로 전화해 주십시오. 注意: 如果您使用繁體中文, 您可以免費機得指言提助服務。請放電1-720-777-1234.

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