

a year like no other

annual report 2019-2020



dayton children's





overcoming the unprecedented

At the start of the hospital's fiscal year in July 2019, we never could have imagined how it would end in June 2020. While the COVID-19 pandemic swept like a tidal wave across our country, we are proud to say that Dayton Children's was ready to build an ark to weather this storm.

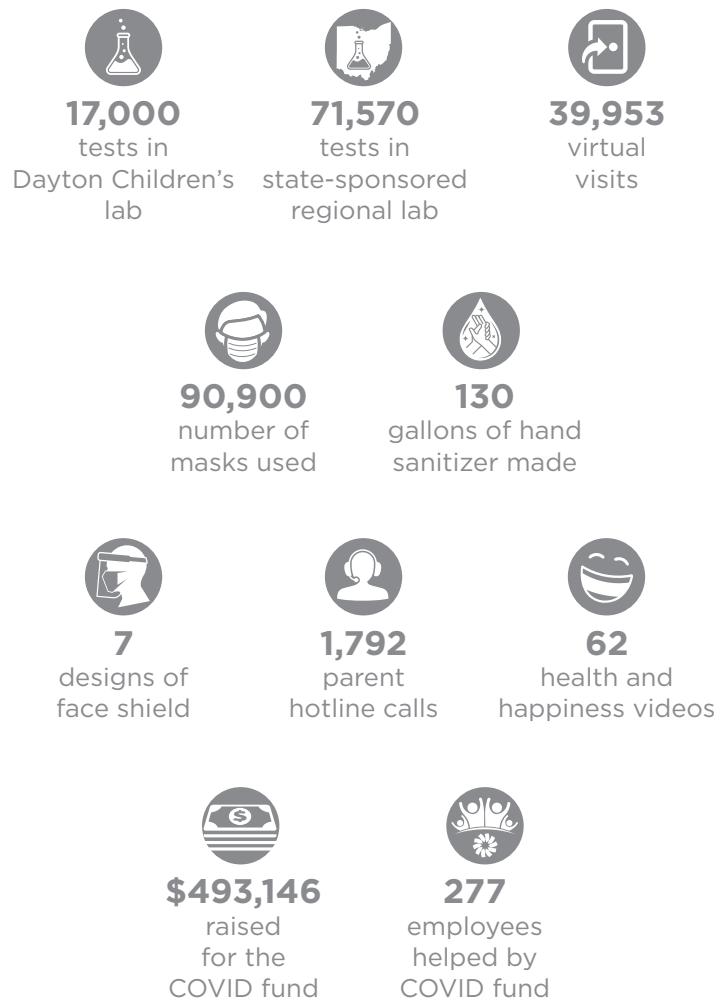
Our teams spent countless hours ensuring that care for our region's children would not be interrupted, our staff would always feel safe and our families would know we put them first.

We found new ways to connect with our families, expanding our virtual visit platforms so a child never even had to leave the safety of his or her home to get quality care. We partnered with all our region's hospitals to be ready in case of a surge of illness. We made our own hand sanitizer, created our own face shields and staffed a hotline to guide parents through this time.

We thank the community for putting its faith in us. We know we showed that we are more than ready for even the toughest challenge when it comes to taking care of our kids and our community.



COVID-19 stats



Call us the small children's hospital that could. Being nimble, efficient and collaborative allows Dayton Children's to assist in providing faster answers to help get this pandemic under control.



excellence in efficiency

In late April, Ohio Governor Mike DeWine selected Dayton Children's as one of six sites which would receive testing equipment from the state to function as a regional lab. The goal of the state-sponsored lab was to accelerate testing in nursing homes and other congregate care sites to save lives and slow the spread of the virus.

The facilities team quickly converted office space into a lab. Within one week of receiving the state's equipment, lab teams validated the instruments and were ready to receive test samples. Ben Goodstein teamed up with the Congregate Care Unified Response Team, the Ohio Department of Health, the National Guard and our county health departments to make a plan that was effective and efficient. The sample would be collected at the congregate care site then sent to Dayton Children's to complete the test. The process went so smoothly, we quickly maxed out the capacity of the instruments.

We traded up to a bigger space and the governor sent more equipment. Our capacity will soon be 7,000 tests a day for the state, in addition to the hundreds a week we are running in our lab for our patients. This achievement could not have been done without the flexibility of the entire laboratory team who worked around the clock to meet the need and deliver results in a 24-36 hour window.



structure and support

Dayton Children's mission is the optimal health for every child within our reach. To do that, we must look at a child's health as a whole - where they live, learn and play.

As the back-to-school season approached, we knew schools would be facing a huge dilemma regarding how to manage exposure risk and potential illness in children.

To help provide consistent, evidence-based guidance, Dayton Children's pulled together a fall preparation task force, working with health departments, superintendents, daycare operators, community pediatricians and our experts to align policies into assessment tools and protocol algorithms that would help them navigate this time.

These tools were sent to nearly 1,000 community pediatricians and 1,000 schools and daycares in our region.

Tools provided included:

- Mask exemption guidance (endorsed by the Ohio Children's Hospital Association and the Ohio chapter of the American Academy of Pediatrics)
- Symptom assessment algorithm with usage guide
- Fifteen sample scenarios for schools/daycares on handling a sickness and resulting actions. (endorsed by the Ohio Department of Health)



about us



181
beds



6,083
admissions



5,090
observations



24,808
patient
days



4.55 days
average
stay



82.9
average
daily census

top 5 inpatient diagnoses



RSV/bronchiolitis

Pneumonia

Asthma/bronchospasm

Jaundice

Cancer (chemotherapy)



tops in two specialties

U.S. News & World Report named both orthopedics and pulmonology divisions as tops in the 2020-21 Best Children's Hospitals survey.

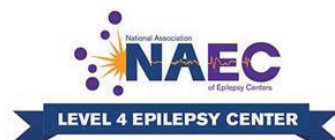
This is the first year for Dayton Children's orthopedics division, which strives to be on the cutting edge of the latest innovations for children, including options found nowhere else in the country. It's part of a Level I Trauma Center, and a member of the Setting Scoliosis Straight collaborative to improve spinal surgery outcomes. The division offers innovative techniques such as magnetic limb lengthening, BandLoc spinal surgery, gait and motion analysis, Scolio-Pilates® and is currently involved in a national study involving a new device for fusionless spine surgery.

It's the third year that Dayton Children's pulmonology division ranked in the magazine's annual survey. It is a Cystic Fibrosis Center, one of 120 Cystic Fibrosis Foundation-accredited care centers, providing expert care and specialized disease management. The network combines clinical research with medical care best practices and has been cited by the National Institutes of Health as a model of effective and efficient health care delivery for a chronic disease. Dayton Children's also formed the Dayton Asthma Alliance, a group of more than 20 community agencies working in partnership in a global strategy to address asthma triggers in a child's environment - where they live, learn and play.



**this photo was taken prior to COVID-19 universal masking*

locally specialized,
nationally recognized





Miracle Max

In November 2019, The American College of Surgeons (ACS) named Dayton Children's as a Level 1 Pediatric Trauma Center. This is the highest level attainable, proving once again to parents that they can rely on Dayton Children's to provide the best care for their child, even in the toughest circumstances.

As part of the site visit, the surveyors asked the team to present a patient case of which they are exceptionally proud. "We shared the story of Miracle Max, who was in an ATV accident with horrific injuries, including internal decapitation and a broken jaw," says Lisa Schwing, RN, trauma program manager. "He came to our emergency department in November 2015, and four years later, Max is thriving."

Strengths surveyors noted:

- Excellent orthopedic and neurosurgical commitment to the trauma program
- Having a dedicated trauma social worker for the post-traumatic stress (PTSD) needs of the child and family
- Outstanding external trauma education and partnerships with nursing and emergency medical services

fast facts: • 1,104 pediatric trauma patients in 2019-2020 fiscal year - a record high
• Top causes of trauma - falls, car crashes, bike crashes and child abuse



visits



88,020
ED visits



fever
top reason for
an ED visit



3,279
transports



27,785
urgent
care visits



11,304
surgeries



127,706
specialty
care visits



382,391
total visits



5 star review on Google — still!

“We love Kids Express! ...There is an advantage in bringing them here rather than an urgent care or minute clinic because the clinicians see pediatric patients regularly and are experienced in dealing with pediatric illnesses!

*Jackie Tritle,
Mason Kids Express,
reviewed April 2020*

**this photo was taken prior to
COVID-19 universal masking*

innovation and success

The 2019 launch of Kids Express in Springboro was so successful, we added two more!

In February 2020, we opened outlets in West Chester and Mason.

Kids Express is a new concept in pediatric-focused health care, combining the convenience of a retail clinic approach and online scheduling with the pediatric expertise of a specially trained provider.

It’s perfect for those ill-timed illnesses or little injuries that don’t need an urgent care but still need a look. While the pediatrician is the best place to go, if the family can’t get in on short notice, we want them to see someone who knows how to take care of kids.

While there are a lot of retail clinics for adults, this is the only one in Ohio with care that is just right for kids and focused on their unique needs.

top five reasons for visit to Kids Express



ear pain



sore throat



cough



flu vaccine



fever

total patient visits



5,797



not-so-silly seizures

Parents love the sound of their child's laugh, but 4-year-old Emily's was a bit unusual. She would burst into fits of giggles, sometimes with no one around. Tests revealed these giggle fits were actually gelastic seizures, an indication that Emily had epilepsy.

Emily was in good hands. In March 2020, the National Association of Epilepsy Centers certified Dayton Children's as a Level 4 epilepsy center, meaning it has the expertise and facilities to provide the highest-level medical and surgical evaluation and treatment for patients with complex epilepsy.

After multiple medications and Emily's tenth hospital stay in which she had a seizure every eight minutes, Gogi Kumar, MD, chief, division of neurology, knew it was time for a different tactic. Shobhan Vachhrajani, MD, neurosurgeon, discussed surgery with the family. "He instilled confidence. He convinced us that there was hope," said Melinda, Emily's mom.

While not the first epilepsy surgery for Dr. Vachhrajani, it would be the first one at Dayton Children's. After one year, in May 2020, the surgery was officially declared a success. Her parents say that Emily is "brighter" after surgery, happier with a higher energy level.

Emily's dad, Bob, puts it best. "Thanks to Dayton Children's, we feel like our family is finally living."



**this photo was taken prior to COVID-19 universal masking*

summit supports mental health

Dayton Children’s was proud to host Ohio Governor Mike DeWine in August 2019 as he announced a new endeavor to help children build resiliency and reduce the negative impacts of trauma. In conjunction with the Ohio Children’s Hospital Association, the Governor hosted “Building Resiliency: A Pediatric Mental Health Summit” on September 26, 2019.

The move came after tornadoes ripped through Dayton in May and violence erupted in the Oregon District in August. “We know that children who face this type of turmoil have increased risk of depression and other mental illness, poor health and decreased life expectancy,” said Governor DeWine. “Fortunately, there are proven ways to help.”

The summit was open to adults across the state who touch the lives of children, such as parents, coaches, school personnel, counselors and health care professionals. Attendees learned how to spot the signs and symptoms of trauma in children and tangible strategies to address it from experts in mental health, health care education, and other fields.



43% increase in psychiatry visits



57% increase in mental health risk assessments



102% increase in mental health admissions with addition of new behavioral health inpatient unit



a public health crisis

In June 2020, Dayton Children's declared racism a public health crisis. When we look at the impact of race on children's health, we see significant disparities between white children and those of color. Racism is a social driver of health and an established significant cause of childhood adversity, which like other adverse childhood experiences can dramatically increase the risk of chronic diseases like asthma, heart disease and high blood pressure, but also learning problems and substance use.

This is NOT ok with us.

We know that a world with racism does not lead to a world with optimal health for our kids.

While we do not and will not tolerate any form of racism at Dayton Children's, we have been asking the question "what MORE can we do to make a difference?"

Dayton Children's established a CEO task force on racism. By doing this, we are not just committing to the relentless pursuit of optimal health for every child within our reach, but we are also committing to the relentless pursuit of the elimination of racism, and a healthier tomorrow for all children.

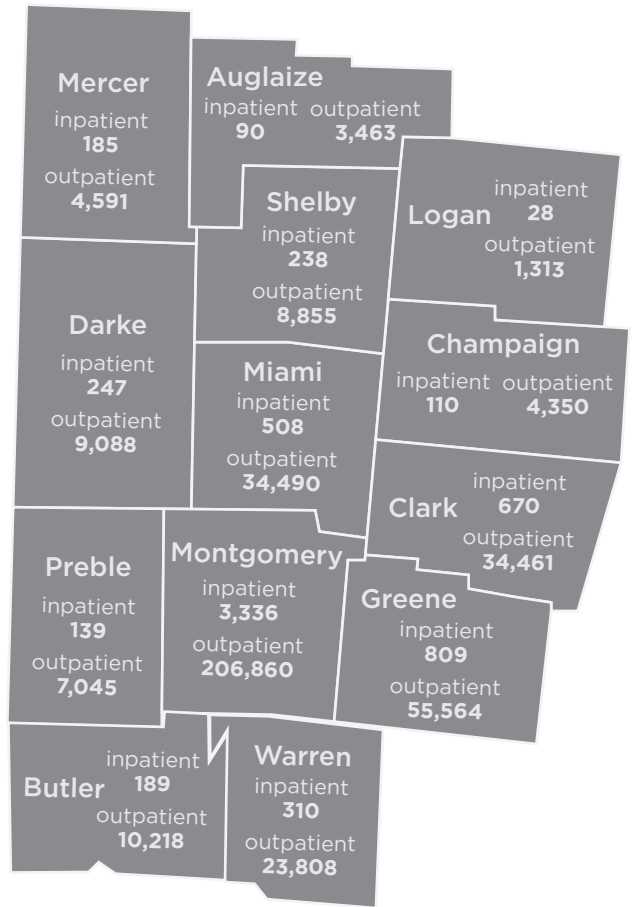


From 2013-2017, black babies died at a rate four times higher than white babies in Montgomery County.



**this photo was taken prior to COVID-19 universal masking*

by the county





people



3,392
employees



412
physicians —
active, courtesy,
residents



951
nurses



1,014
volunteers



25
pet therapy
animals
(including two
miniature
horses!)



generous support

Dayton Children's always has overwhelmingly generous support from the community, which allows us to take every interaction from good to great.

This year, we especially want to thank The Connor Group Kids & Community Partners, the non-profit arm of the local real estate investment firm, which made a \$5 million, five-year investment in the creation of an innovative model of mental and behavioral health care.

This is the second largest philanthropic investment in the hospital's history. It will support the integration of behavioral health care into well-child visits, offering parenting support and coping mechanisms earlier that avoid a crisis later. We haven't seen a model that provides this continuum of care anywhere in the country and hope it becomes a national standard. This transformational investment will have made it happen.

philanthropic benefit: \$11,999,730



investing in our kids' community

Dayton Children's commitment to making the lives of children better is a key part of our mission. Community benefits we provide include health improvement programs, injury prevention activities, educating the next generation of health professionals and contributing to other not-for-profit organizations that share our mission.

In addition, it includes unreimbursed costs from providing care to patients enrolled in Medicaid and supporting clinical programs that operate at a loss but meet an identified need in the community.

During the pandemic, it also means sharing our resources that can help protect the community at large. We have made substantial donations of PPE to nursing homes, county health departments and other hospitals for the greater good of our region.

Donations of COVID supplies included:



73,000 gowns to county health departments and nursing homes

community benefit: \$81,421,307*

**fiscal year 2018-2019*



dayton
children's



above and beyond