

# Cardiovascular Surgery



The cardiovascular surgery team provides individualized surgical care to patients with all forms of congenital heart disease. With three board-certified congenital cardiac surgeons, we perform the most pediatric cardiac procedures in Minnesota — more than 425 heart surgeries annually — and provide surgical care to patients from the five-state region and beyond.

We're committed to national quality initiatives to ensure the very best care for children. In fact, we were one of the first pediatric cardiovascular surgery programs in the nation to voluntarily share surgical outcomes publicly through The Society of Thoracic Surgeons (STS) Congenital Heart Surgery Database (CHSD), the largest database tracking outcomes for congenital cardiac conditions in the world. It serves as a quality improvement benchmark and compares our outcomes to national data.

Within the database, congenital heart surgeries are assigned a STAT score of 1 through 5 according to their mortality risk. The first category includes procedures with the lowest mortality rates, such as ventricular septal defect (VSD) closures, and category 5 includes complex surgeries with the highest mortality rates, such as the Norwood procedure.

Among the leading U.S. pediatric hospitals that submit data to the Pediatric Health Information System (PHIS) — a large, national comparative database — Children's Minnesota ranks in the top 20 in the nation in pediatric cardiac surgery volumes and treatment outcomes.

ON AVERAGE  
WE PERFORM

425+

pediatric cardiovascular  
surgeries each year

# STAT SCORE

## SURVIVAL RATES BY STAT CATEGORY JANUARY 2015-DECEMBER 2018

We participate in the STS Public Reporting Initiative. We began when only 20% of programs chose to do so nationally. Data for 2019 will be available in late 2021.

	CHILDREN'S MINNESOTA Number of cases	CHILDREN'S MINNESOTA Survival	STS Survival
1	338	100%	99.6%
2	421	98.3%	98.5%
3	165	96.9%	97.9%
4	218	88.8%	92.8%
5	64	81.5%	85.1%

## 10 BENCHMARK OPERATIONS, LENGTH OF STAY (DAYS) | 2015-2018

These 10 benchmark operations are identified by STS and are representative of programmatic performance across STAT categories.

■ Children's Minnesota   ■ Society of Thoracic Surgeons (STS)

