

Surgical Overview

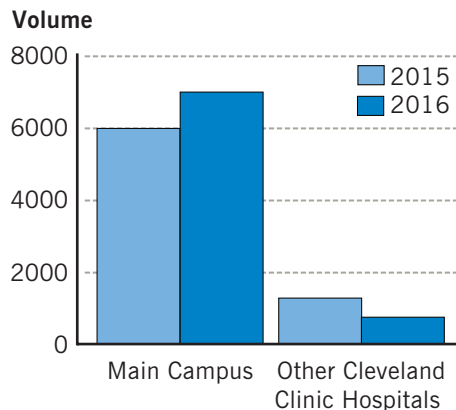
24%

A total of 24% of cardiac surgeries at Cleveland Clinic in 2016 were reoperations. These procedures are associated with more complexity and greater risk than primary (first-time) operations.



Thoracic and Cardiac Surgery Volume (N = 6996)

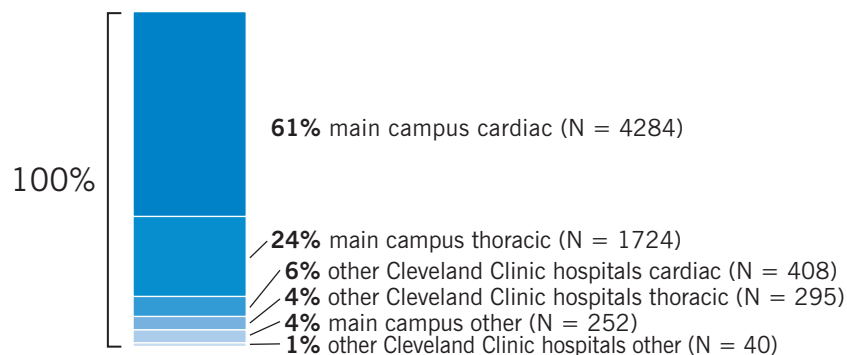
2015 – 2016



In 2016, Cleveland Clinic surgeons performed 6996 thoracic and cardiac procedures at Cleveland Clinic's main campus. A total of 743 procedures were performed at Cleveland Clinic's Hillcrest Hospital, Fairview Hospital, and Cleveland Clinic Florida. For a complete list of Cleveland Clinic hospitals, visit clevelandclinic.org.

Surgical Procedure Volume by Type and Location (N = 6996)

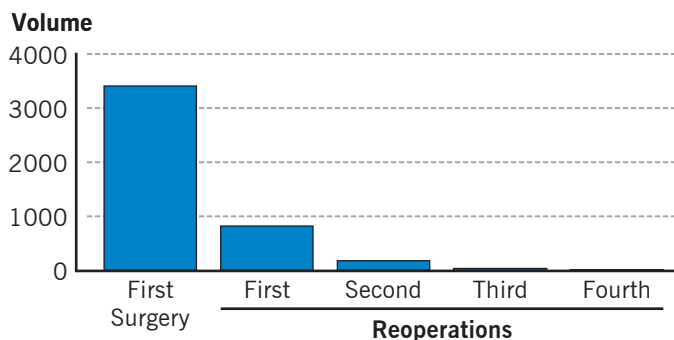
2016



Cleveland Clinic surgeons perform a large volume of cardiovascular and thoracic procedures. The 6996 surgeries in 2016 were performed at Cleveland Clinic's main campus, Fairview Hospital, Hillcrest Hospital, and Cleveland Clinic Florida. For a complete list of Cleveland Clinic hospitals, visit clevelandclinic.org.

Cardiac Surgery Volume: Cleveland Clinic Main Campus, Fairview Hospital, and Hillcrest Hospital (N = 4471)

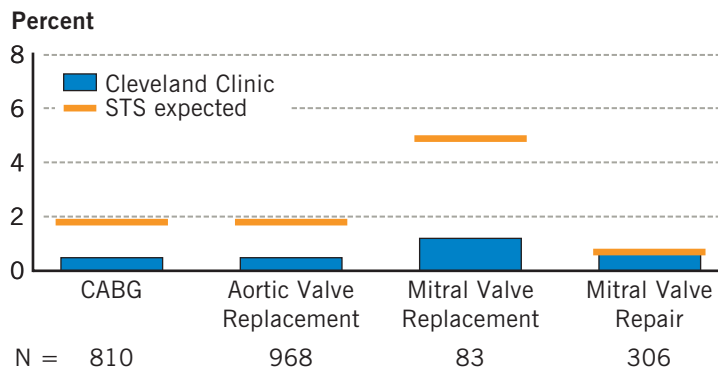
2016



A total of 24% of cardiac surgeries performed during 2016 were reoperations. Reoperations are more complex than primary (first-time) surgeries.

Isolated Procedures, In-Hospital Mortality (N = 2167)

2016



Cleveland Clinic's Heart & Vascular Institute surgeons achieved lower-than-expected in-hospital mortality rates for patients who had isolated procedures. Isolated procedures are those done without any other surgical procedure.

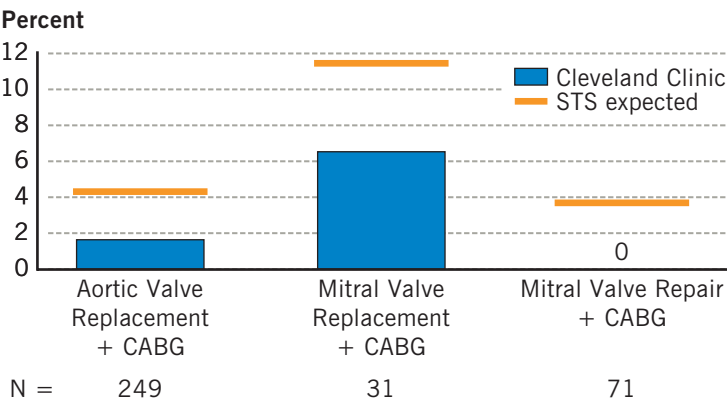
CABG = coronary artery bypass graft

Source: Society of Thoracic Surgeons (STS)
National Adult Cardiac Surgery Database 2016

Surgical Overview

Combined Cardiovascular Procedures, In-Hospital Mortality (N = 351)

2016



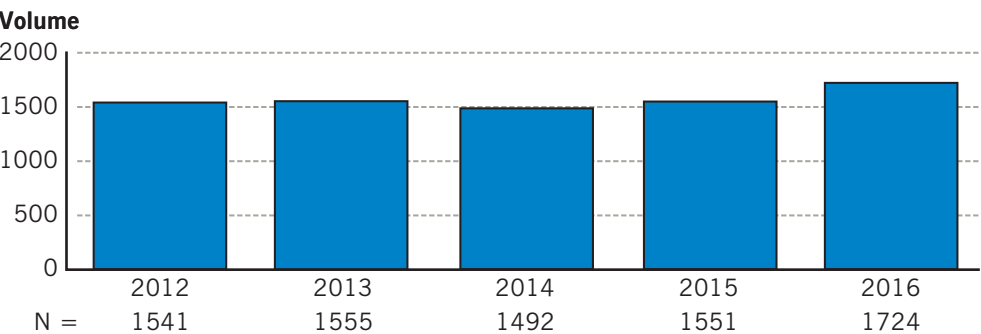
CABG = coronary artery bypass graft

Combined procedures are those performed with another surgical treatment. These procedures are associated with greater risk and complexity than isolated procedures. Despite this, Cleveland Clinic's surgeons in the Heart & Vascular Institute achieved lower-than-expected in-hospital mortality rates. This graph reflects only procedures classified in categories by the Society of Thoracic Surgeons. Of the cardiac operations Cleveland Clinic surgeons perform, 45% cannot be classified by the Society of Thoracic Surgeons because of the complexity and/or rarity of the procedure.

Source: Society of Thoracic Surgeons (STS) National Adult Cardiac Surgery Database 2016

General Thoracic Surgery Volume

2012 – 2016

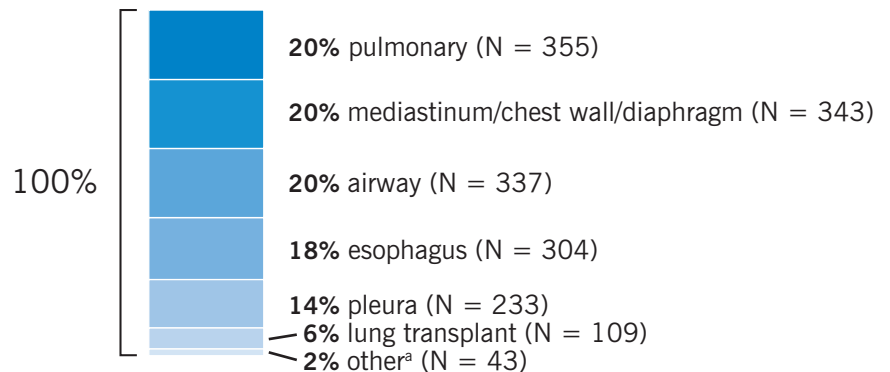


Cleveland Clinic surgeons performed 1724 general thoracic surgical procedures in 2016.

Major Thoracic Surgery by Type (N = 1724)

2016

Cleveland Clinic thoracic surgeons are experienced in all types of thoracic procedures. The majority of thoracic surgeries in 2016 involved the airway. Increasingly, these are done minimally invasively with robotic assistance.

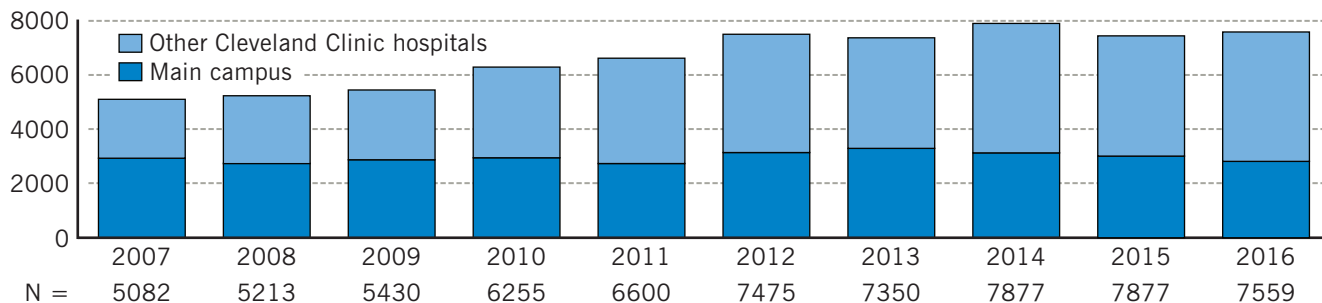


^a“Other” includes thymectomies, wedge resections, tumor surgeries, paraesophageal hiatal hernia repairs, and thyroidectomies.

Vascular Surgery Volume

2007 – 2016

Volume

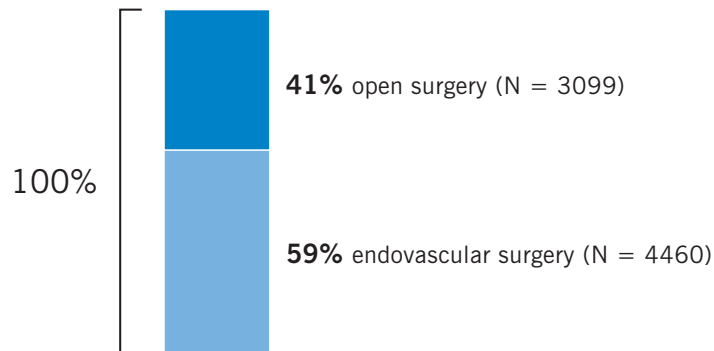


Cleveland Clinic surgeons performed 7559 vascular surgeries in 2016. A total of 2796 of these procedures were done at Cleveland Clinic’s main campus, and 4763 were performed at Cleveland Clinic hospitals throughout greater Cleveland. For a complete list of Cleveland Clinic hospitals, visit clevelandclinic.org.

Surgical Overview

Vascular Surgery by Approach: Cleveland Clinic Main Campus and Regional Hospitals (N = 7559)

2016



Cleveland Clinic surgeons use an endovascular approach whenever it is the best option for the patient. Endovascular surgery is associated with lower rates of morbidity and mortality, and patients have a shorter recovery compared with open approaches.

