Data dictionaries can be found [here](https://www.facs.org/quality-programs/data-and-registries/acs-nsqip/participant-use-data-file/) [external link].

**Type of Data**

Surgical database

**Years Available**

2005-2020

**Short Description**

American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP) collects data on more than 150 variables including preoperative risk factors, intraoperative variables and 30-day postoperative mortality and morbidity for patients undergoing major surgical procedures in both inpatient and outpatient settings.

**Strengths**

* Includes short term (30 day) surgical outcomes
* Large number of participating reporting sites

**Limitations**

* Complications or death after 30-day post-surgery are not included
* While many risk factors are tracked, preventative measures are not included which can lead to an underestimation of certain conditions that are routinely taken before surgery

**SDC Members with Expertise**

* Madison Hyer [email] ([8 publications](https://pubmed.ncbi.nlm.nih.gov/?term=%28%28Madison+Hyer%5BAuthor%5D%29+AND+%28%28National+Surgical+Quality+Improvement+Program%29+OR+%28NSQIP%29%29)) [external link].
* Mahmoud Abdel-Rasoul [email].
* Mohamed Elsaid [email].