

National Surgical Quality Improvement Program Pediatric American College of Surgeons

User Guide for the 2024
ACS NSQIP Pediatric
Participant Use
Data File (PUF)

Released:

November 2025

(Dates of Surgery: January 1, 2024 – December 31, 2024)

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1. Introduction

This document is designed to accompany the 2024 Pediatric Participant Use Data File (PUF) available for download on the American College of Surgeons National Surgical Quality Improvement Program Pediatric (ACS NSQIP Pediatric) website (https://www.facs.org/quality-programs/data-and-registries/pediatric/). The sections contained herein will provide the user with information on how to request the Pediatric PUF, the contents of the data files, the data collection background, the inclusion and exclusion criteria for cases and hospitals, the data limitations, and the data point definitions and descriptions.

This user guide applies specifically to the 2024 Pediatric PUF. Hospitals utilizing the Pediatric PUF from a different year should refer to the user guide specifically tailored to that particular data set.

2. Data Request Process

An individual who has an official appointment at a fully enrolled Pediatric site and wants to obtain a copy of the Pediatric PUF can do so by visiting https://www.facs.org/quality-programs/data-and-registries/pediatric/participant-use-data-file/ and following the steps below:

- 1. From the ACS NSQIP Pediatric PUF main page the requestor can scroll down towards the bottom of the page after the PUF descriptions.
- 2. The requestor can then click on the navy blue "Request Data Set" box.
- 3. This will take the requestor to the Data Use Agreement. This is a 3-page document that implements the data protections of the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and the ACS NSQIP Hospital Participation Agreement. Delivery of the PUF is contingent on agreement to the terms and conditions specified within the Data Use Agreement. The requestor can read the Data Use Agreement from this page or download the 3-page document. The requestor is then required to type in their first and last name and click on "Request Data File." By clicking on "Request Data File" the requestor agrees to the terms and conditions of the Data Use Agreement.



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- 4. Requestors will then be required to complete a brief online form to provide ACS with basic information about themselves, including the participating hospital in which they are currently employed and in what capacity, as well as how the requestor plans on using the Pediatric PUF data. Once all of the required fields are completed, the requestor clicks "Submit."
- 5. ACS NSQIP staff will review the request in a timely manner. Program contacts at participating sites will be contacted at this time to confirm the requestor's affiliation with the hospital and confirm internal approval of the PUF request.
- 6. Following receipt and confirmation of the information submitted, an email will be sent to the requestor containing a username and password along with the URL to download the data. The web link will be active from the time of the email for 30 full days.
- 7. The file will be available in 3 different formats (Text, SAS, SPSS) and depending on the connection speed should take between 5 and 30 minutes to download.
- 8. The requestor may be contacted to confirm receipt of the data file and allow for feedback on the delivery mechanism, data points contained, and data file format.

3. File Description

Each fall a Pediatric PUF will be made available for the previous calendar year's data. The Pediatric PUF is available in one of three different formats – Text, SAS, and SPSS. The 2024 main file contains 307 variables for each case, and a variable-by-variable description is provided starting on page 13. A brief description of the different formats follows:

File Name	Туре	Uncompressed File Size	Description
ACS_PEDS_PUF_2024.txt	tab	285 MB	Contains 307
	delimited		HIPAA compliant
	TXT file		variables on
			150,533 cases
			submitted from
			155 sites in 2024.
ACS_PEDS_PUF_2024.sas7bdat	SAS 9.4	973 MB	Same information
	data file		as stated above in
			SAS data format.
ACS_PEDS_PUF_2024.sav	SPSS 16.0	1.1 GB	Same information
	data file		as stated above in
			SPSS data format.



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4. Data Collection Background and Data Quality

The ACS NSQIP Pediatric collects data on over 150 variables, including preoperative risk factors, intraoperative variables, and 30-day postoperative mortality and morbidity outcomes for patients undergoing major surgical procedures in both the inpatient and outpatient setting. A site's trained and certified Surgical Clinical Reviewer (SCR) captures these data using a variety of methods including medical chart abstraction.

Required data variables are entered via web-based data collection to the ACS NSQIP Pediatric website. Portions of the data may be automatically populated by a software program that was developed to extract data from the participating hospital's existing information systems. Requestors should contact the SCR(s) at their hospital for detailed information on how the hospital collects its ACS NSQIP Pediatric data.

To ensure the data collected are of the highest quality, the ACS NSQIP Pediatric has developed a host of different training mechanisms for the SCRs and conducts a Data Audit of selected participating sites. In addition to an initial web-based training program, the ACS NSQIP Pediatric requires SCRs to complete a series of web-based training modules followed by a certification exam that must be taken annually. The modules and certification exam focus on the program, processes, and analysis; preoperative, intraoperative, and postoperative definitions; and case studies. These modules are complemented by a growing online decision support system that ensures the SCRs have the knowledge and resources available to collect high-quality data.

The Data Audit is a fundamental tool of ACS NSQIP Pediatric to assess the quality of the data collected at participating sites. The process involves the review of multiple charts, some of which are selected randomly, and others selected based on criteria designed to identify potential reporting errors. For example, cases with five or more preoperative risk factors and no reported mortality or morbidity or cases with two or fewer preoperative risk factors and reported mortality or morbidity will be selected for chart review. Operating room logs are also audited to ensure correct sampling of cases.

The combined results of the audits completed to date revealed an overall disagreement rate of approximately 2% for all assessed program variables. The ACS NSQIP Pediatric has determined that a Data Audit disagreement rate of 5% or less is acceptable. Sites that have higher than a 5% disagreement rate are not provided a hospital odds ratio in the ACS NSQIP Pediatric Semiannual Report and may be required to undergo an additional audit following recommendations from the ACS NSQIP Pediatric.



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5. Sampling Process and Case Inclusion/Exclusion Criteria

Systematic Sampling Process

Large surgical services normally experience a significant volume of surgical cases. This presents the SCRs with the problem of managing an overwhelming workload. Therefore, a systematic sampling system called the 8-day cycle was developed to prevent bias in choosing cases for assessment. The SCR uses the 8-day cycle to select completed cases from the hospital's final operative log. The final operative log includes any emergent, urgent or add-on procedures that were performed and excludes any scheduled procedures that were not performed. The operative log is sorted by the date of the operation, "Patient In Room" time, and finally Operating Room Suite Number. The 8-day cycle schedule works as follows: If the first cycle begins on a Monday, it continues through to include the following Monday (an 8-day period of time). The next cycle begins on Tuesday and continues through to include the following Tuesday, and so on. There are 46 8-day cycles in 1 year, and the program recommends that data be submitted for 40 of those cycles. The process ensures that cases have an equal chance of being selected from each day of the week.

Hospitals with a high volume of surgical cases capture the first 35 consecutive cases meeting the inclusion/exclusion criteria in the 8-day cycle following the systematic sampling guidelines.

Case Inclusion Criteria

The following inclusion criteria were applied to cases collected in 2024. For the current inclusion/exclusion criteria please contact the ACS NSQIP Pediatric Clinical Support Team at clinicalsupport@pediatric.acsnsqip.org.

 The ACS NSQIP Pediatric includes all cases with CPT codes that are listed on the CPT inclusion list.

Case Exclusion Criteria

The following exclusion criteria were applied to cases collected in 2024. For the current inclusion/exclusion criteria please contact the ACS NSQIP Pediatric Clinical Support Team at clinicalsupport@pediatric.acsnsqip.org.

- Patients 18 years of age, or older.
- Cases involving Hyperthermic Intraperitoneal Chemotherapy (HIPEC), regardless of if the procedure performed has an included CPT code(s).



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- ASA 6- (Declared brain-dead patient whose organs are being removed for donor purposes).
- Concurrent Case An additional operative procedure performed by a different surgical team (e.g., a different specialty/service) under the same anesthetic. An additional operative procedure with a CPT code different from that of the Primary Procedure performed by a different surgical team under the same anesthetic is listed as a concurrent procedure. A concurrent procedure is not included in its own assessment.
- Multiple cases within 30 days Multiple cases for the same patient within 30 days are excluded. (Only one case, per patient, per 30-day time frame can be abstracted for NSQIP-PEDs).
- Exclude a return to the operating room/ICU setting as the primary procedure, if it is related to an occurrence or complication from any procedure (surgical or otherwise) regardless of where the procedure was performed, within 30 days or within the same admission.
- Exclude a procedure performed by a surgical service not reviewed in Pediatric NSQIP.
- Transplant Cases Specifically: A patient who is admitted to the hospital for solid organ transplant surgery, and has additional surgical procedures performed during the same hospital stay, is excluded. Any operation performed after the patient has been discharged from the transplant stay is included.
- **Trauma and Abuse Cases**: Any case caused by a trauma or abuse with a principal ICD-10 diagnostic code within the ranges of S00-T14, T20-T79, T83-T85, and V00-Y99 will be excluded from sampling.
 - Exception to Trauma/Abuse criteria: When not caused by abuse, include trauma cases with included CPT codes that involve a fracture to a single limb section, with no other injuries. Capture cases with a single break, even if it crosses over multiple bones.
 - Exclude any surgical procedure related to the index trauma procedure(s)
 which occur during the same hospitalization. Any operation performed after
 the patient has been discharged from the trauma stay will be included if they
 meet NSQIP-Pediatric program inclusion criteria.
 - Exclude any subsequent surgical procedure that is a direct result of abuse, regardless of timeframe.



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Hospital Exclusion Criteria

In addition to the case inclusion/exclusion criteria, hospital inclusion/exclusion criteria are also imposed. To maintain the highest level of data quality, only cases included in the odds ratio analysis are included in the Pediatric PUF. These cases go through an additional level of scrutiny as they are passed from data collection to statistical analysis. Sites that exhibit issues with either data quality or 30-day follow-up are reviewed for exclusion to ensure the integrity of PUF data.

Case Selection

Step 1: Collect Procedure Targeted Cases with Procedure Specific Variables

- Once cases meeting criteria for inclusion have been identified, the Procedure
 Targeted cases with procedure specific variables are selected first, as they occur in
 consecutive order, utilizing the procedure targeted CPT list.
 - Each of these cases has a limit of 4 per 8-day cycle. These cases include:
 - Appendectomy
 - Spinal Fusion
 - CSF Shunt* (See note below for 2022)
 - Vesicoureteral Reflux
 - Tracheostomy

Step 2: Collect Procedure Targeted Cases without Procedure Specific Variables

- Next, all possible Procedure Targeted cases without procedure specific variables are selected, in consecutive order, utilizing the procedure targeted CPT list. The Procedure Targeted CPT Code Inclusion List is located in the appendices section of the Operations Manual.
- There is a 4 case per cycle limit for Gastrostomy and Laparoscopic Cholecystectomy procedures.

Step 3: Collect Surgical Specialty Cases

• If, after selecting all procedure targeted cases as outlined above, the cycle does not meet 35 cases, the hospital will now select all remaining surgical specialty cases, as they occurred in consecutive order, utilizing the Full CPT list.



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- At this point in case selection, case limits on procedure targeted cases are still
 maintained (only four cases for appendectomy, spinal fusion, CSF shunt,
 vesicoureteral reflux, tracheostomy, gastrostomy and laparoscopic
 cholecystectomy).
- Collect all cases until reaching a total of 35 cases.

Step 4: Rounding Out Your Cases to Achieve 35 Cases per Cycle

- If less than 35 cases are abstracted for a cycle after a hospital selects all cases as described in steps 1-3 above, a hospital may opt to collect additional cases to round up to 35 cases utilizing the following process, or they may choose to identify the cycle as "Max cases" under the "Manage Cycles" section of the "My Account" tab in the Workstation.
- If the cycle does not total 35 cases after following the three previous steps, the
 hospital may opt to "Max Cases" or may continue to capture additional cases of the
 "limited procedures" Appendectomy, Spinal Fusion, CSF Shunt, VUR, Laparoscopic
 Cholecystectomy, Gastrostomy, and Tracheostomy, while still following the current
 sampling methodology (primary procedure, only one case per patient per 30 days,
 etc.).
- If the cycle still does not total 35 cases, the hospital will identify the cycle as "Max Cases" in the workstation.

*NOTE: The CSF Shunt procedure specific variables were removed from abstraction as of July 1st, 2022. As such, CSF Shunt procedures were removed from Step 1 as of July 1st, 2022, and these cases moved to Step 2 of the sampling process.

6. Data Limitations

While every effort has been made to make the Pediatric PUF as complete as possible, the data do have certain limitations. Some of these limitations have been deliberately introduced to safeguard the privacy of patients (such as removal of absolute dates). Other limitations are due to resource constraints (such as the collection of generic surgical variables only). The following items represent the most salient limitations of the data:

 Because such a wide variety of operations are tracked, the variables are necessarily generic in nature. This limitation may pose difficulties for researchers attempting indepth research on specific conditions or operations. However, surgical Targeted PUF datasets are now available which address target-specific predictors and outcomes for many types of operations.



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- Patients are followed after surgery for a maximum of 30 days. Complications or death after that period are not included.
- To comply with HIPAA requirements, all absolute dates have been removed. The
 most critical of these is the date of surgery, which has been reduced to year of
 surgery only. Some dates (hospital entry, dates of laboratory tests, and so on) have
 been recoded into durations e.g. Date of Admission and Date of Discharge is
 recoded into Hospital Length of Stay.
- In order to comply with the Hospital Participation Agreement (HPA) that is agreed to between the ACS and participating sites, facility identifiers as well as geographic information regarding the case have been removed. The HPA stipulates that the ACS does not identify participating sites. Site identification could be possible even with blinded identifiers through advanced statistics. A stipulation of access to the Pediatric PUF is completion of the Data Use Agreement that strictly prohibits attempts to identify hospitals, health care providers, or patients.
- While many risk factors are tracked, preventative measures are not recorded which
 can lead to an overestimation of the risk of certain conditions when such measures
 are routinely taken before surgery.
- The data are submitted from hospitals that are participating in the ACS NSQIP Pediatric and do not represent a statistically valid nationally representative sample. Furthermore, the PUF includes international sites so the data would not strictly represent the situation in U.S. hospitals. The inclusion of international sites may lead to other problems in interpretation. For example, many international sites are not permitted to provide patient race and ethnicity. As such, observed effects of missing race/ethnicity on outcomes would be confounded with the effects of country.
- Most patients do not receive all possible preoperative laboratory tests, so some of these variables have a high percentage of missing values (50% to 87%, depending on the tests). This high percentage of missing data can make it problematic to use these variables in a traditional logistic regression model as well as in many other types of analysis.

This list may not include all data limitations and additional limitations may apply in future versions of the data.



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7. Contact Information

All questions about the Pediatric User Guide or Pediatric PUF, as well as comments and suggestions for improvements are welcome and may be directed to Brian Matel, ACS NSQIP Statistical Reports Manager via email at bmatel@facs.org.

8. Frequently Asked Questions

Request Process

- Q: Who has access to this file?
- A: Any individual with an official appointment at a fully participating pediatric site will be given access to the file following completion of the Data Use Agreement and a short set of questions that are available on the website.
- Q: Is the file available to individuals from nonparticipating sites?
- A: At this time the data files are only available to individuals with official appointments at fully participating pediatric sites.
- Q: I am at a pediatric NSQIP-participating site and would like to work on a research project with others from a different site that is not participating. Will I be allowed to do that?
- A: Yes, however, the NSQIP affiliated researcher must be the lead investigator on all PUF-based research projects and is responsible for the PUF dataset, even if forwarded to someone else. The non-participating collaborator must also sign the DUA.
- Q: How do I obtain a copy of this file?
- A: Please see the "Data Request Process" on page 1 of this document for a step-by-step approach on how to do so.



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Contents of the Files

- Q: Are other Pediatric PUF data sets available?
- A: There are currently 47 Pediatric PUFs available for request / download:

PUF Year	PUF Type	Cases	Sites				
2012	Pediatrics	51,008	50				
2013	Pediatrics	63,387	56				
2014	Pediatrics	68,838	64				
2015	Pediatrics	84,056	80				
2016	Pediatrics	101,887	101				
2017	Pediatrics	113,922	109				
2018	Pediatrics	119,486	127				
2019	Pediatrics	132,881	141				
2020	Pediatrics	128,395	148				
2021	Pediatrics	141,843	150				
2022	Pediatrics	146,331	157				
2023	Pediatrics	151,466	157				
2024	Pediatrics	150,533	155				
2015	Appendectomy	10,570	20				
2016	Appendectomy	13,114	101				
2017	Appendectomy	14,463	106				
2018	Appendectomy	16,986	122				
2019	Appendectomy	20,658	134				
2020	Appendectomy	21,445	140				
2021	Appendectomy	22,212	140				
2022	Appendectomy	22,681	148				
2023	Appendectomy	23,340	147				
2024	Appendectomy	24,170	147				

PUF Year	PUF Type	Cases	Sites
2016	Spinal Fusion	3,728	93
2017	Spinal Fusion	4,260	98
2018	Spinal Fusion	5,333	112
2019	Spinal Fusion	6,153	124
2020	Spinal Fusion	6,019	131
2021	Spinal Fusion	7,125	139
2022	Spinal Fusion	7,045	145
2023	Spinal Fusion	7,397	143
2024	Spinal Fusion	7,415	142
2020	Vesicoureteral Reflux (VUR)	1,742	124
2021	Vesicoureteral Reflux (VUR)	1,807	126
2022	Vesicoureteral Reflux (VUR)	2,305	136
2023	Vesicoureteral Reflux (VUR)	2,439	137
2024	Vesicoureteral Reflux (VUR)	2,237	134
2021	SAP	89,342	150
2022	SAP	93,007	157
2023	SAP	97,787	157
2024	SAP	95,589	155
2016	CSF Shunt	1,452	96
2017	CSF Shunt	1,128	102
2018	CSF Shunt	1,493	115
2019	CSF Shunt	2,298	131
2020	CSF Shunt	2,096	131
2021	CSF Shunt	2,411	135

- Q: What is in this file?
- A: The file contains Health Insurance Portability and Accountability Act (HIPAA) deidentified data from sites participating in the ACS NSQIP Pediatric that received riskadjusted reports in 2024. The variable name, variable label, data definition, and other pertinent information are provided in Section 9: Data Variables and Definitions.
- Q: Are site identifiers included in the database?
- A: At this time, we do not provide any geographic or site-specific identification. We took this approach to ensure the privacy of both the participating sites and surgeons.



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- Q: Are there surgeon-specific identifiers included in the database?
- A: At this time, we do not provide any surgeon-specific information. We took this approach to ensure the privacy of both the participating sites and surgeons.
- Q: Why does the Pediatric PUF exclude specific dates?
- A: In order to release the Pediatric PUF, certain adjustments to the data are required to ensure proper protection of patient information. To meet these requirements, we remove all elements of dates (except admission year) for dates directly related to an individual. For more information on the 18 data elements that are required for removal, please visit https://privacyruleandresearch.nih.gov/ or https://privacyruleandresearch.nih.gov/ pdf.
- Q: The ACS NSQIP Pediatric program collects approximately 150 variables, but the database contains approximately 300 variables. What are the additional variables?
- A: The additional variables contained in the Pediatric PUF relate to computed durations. For example, the admission and discharge dates are used to calculate hospital length of stay. In addition, each complication in the ACS NSQIP Pediatric requires the use of three different variables in the database. There are a few other data elements collected in the ACS NSQIP Pediatric that require multiple variables in the database.

Values in the Data

- Q: Why do some cases have complications that do not have a known duration from operation to complication?
- A: In each of these cases, the date of the complication was invalid, which inhibited the calculation of duration. The number of days from operation to complication variable is coded as -99 for these cases.
- Q: Why do some of the preoperative lab values have duration from lab to operation, but a value of -99 for the lab value?
- A: The results of the lab tests can be entered manually and thus are susceptible to data entry error. Depending on the preoperative lab variable roughly 1% of the cases had invalid values and these invalid values were set to -99 to simplify analysis. It is also possible that some cases have valid lab values but are missing duration from lab to operation variable. This discrepancy is also related to a data entry error and the program continues to improve the data collection software to minimize the potential for data entry errors.



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- Q: When performing analysis on the five-digit CPT codes in the Other and Concurrent variables, how should I interpret those cases with a valid five-digit CPT code but a CPT description set to NULL?
- A: If the case has a valid five-digit CPT code that procedure occurred and should be evaluated as such. The CPT description is a secondary variable and provided for convenience. In the processing of large amounts of data some descriptions are purposefully or inadvertently removed.

File Formats

- Q: In what file formats are the data available?
- A: The data files are made available in a tab delimited TXT, SAS, and SPSS formats.



				Search Term in Chapter 4	across years and combine them in a manner appropriate to their research objectives	
osition # Variable Name		D-4-				•
		Data	W. 2.11. 1 . 1 . 1	Notes: Please search exactly as stated	Water Control	
		Туре	Variable Label	* Variables not included in Chapter 4	Variable Options	Comments
1	PUFYEAR	Num	Year of PUF	* Year of PUF		
2	CaseID	Num	Case Identification Number	Variable Name:Identification Number MRN/IDN		
3	AGE_DAYS	Num	Age of Patient at Time of Surgery (days)	Variable Name:Date of Birth		
4	SEX	Char	Sex	Variable Name:Sex	Male	NULL = No Response
					Female	1
					Non-binary	
5	RACE	Char	Race	Variable Name:Race	American Indian or Alaska Native	NULL = No Response
5	RACE	Cital	Race	Valiable Name.Nace		
					Asian	Multi-select variable
					Black or African American	"Race combinations with low frequency" w
					Native Hawaiian or Other Pacific Islander	assigned to cases in which multiple race of
					Race combinations with low frequency	were selected and the race combinations I
					Some Other Race	fewer than 50 cases.
					Unknown/Not Reported	
					White	
6	CPT	Char	CPT	Variable Name:Primary Procedure		
7	PRNCPTX		Primary Procedure	Variable Name:Primary Procedure		İ
8	WORKRVU	Num	Work Relative Value Unit	* Work Relative Value Unit	<u> </u>	<u> </u>
					Language (MIC and)	NULL - No December
9	LAPTHOR	Char	Laparoscopic/MIS Procedure	Variable Name:Laparoscopic/MIS Procedure	Laparoscopic/MIS only	NULL = No Response
	1				Laparoscopic/MIS and Open	j
	Í				Open only or N/A	ĺ
10	PROC DESC ST	Char	Procedure Description Stomach	Variable Name: Procedure Description Stomach	Gastrostomy; with exploration or foreign body removal	NULL= No Response
.0		Ollai	. 1000aa.o Dosonpilon olomaon	Valuation Name: 1 recodure Description elemann		TOTAL TO TROSPONSO
					Pyloromyotomy (Fredet-ranstedt type)	
					Biopsy of stomach	
					Excision, local, ulcer, benign tumor of stomach	1
						+
					Pyloroplasty	
					Gastrorrhaphy; suture of perforated duodenal or gastric ulcer, wound, or injury	
					Closure of gastrostomy, surgical	
						1
					Closure of gastrocolic fistula	
					Other	
11	PROC DESC UT	Char	Procedure Description Ureter	Variable Name: Procedure Description Ureter	Ureterectomy, with bladder cuff	NULL = No Response
	1 1 - 1 - 1	1	' '	' '	Ureteroplasty, plastic operation on ureter (e.g.; stricture)	VOLE - NO Response
					Ureterectomy, total, ectopic ureter, combination abdominal, vaginal, and/or perineal	
					Ureterocalycostomy, anastomosis of ureter to renal calyx	1
					Ureteroureterostomy	1
					Ureteroneocystostomy; Anastomosis of Duplicated Ureter to Bladder	
					Ureteroneocystostomy; With Extensive Ureteral Tailoring	
					Ureteroneocystostomy; With Vesico-Psoas Hitch of Bladder Flap	1
						4
					Other	
12	PROC_DESC_BLA	Char	Procedure Description Bladder	Variable Name: Procedure Description Bladder	Cutaneous Appendico-vesicostomy	NULL = No Response
	_			· ·	Excision of urachal cyst or sinus w/o umbilical hernia repair	1
	1					1
	1				Cystotomy, for excision of bladder diverticulum, single or multiple	<u> </u>
	1				Cystectomy, partial, simple	
	1				Cystoplasty or Cystourethroplasty, plastic operation on bladder or vescial neck, w/o wedge	7
	1				resection of posterior vesical neck	ĺ
	1				·	4
	1				Other	ĺ
13	INOUT	Char	Inpatient/Outpatient	Variable Name:In/Out-Patient Status	Inpatient; Outpatient	NULL = No Response
14	ADMYR		Year of Admission	Variable Name:Hospital Admission Date/Time	,,	-99 = No Response
15	TRANST	Char	Transfer Status/Origin Status	Variable Name:Transfer Status/Origin Status	Home/Permanent Residence	NULL = No Response
10	ITANOI	Char	Transfer Status/Origin Status	variable Ivanie, Hansier Giatus/Origin Status		THOLL - IND INESPONSE
	1				Acute Care Hospital	4
					Other Facility	
16	OPERYR		Year of Operation	Variable Name:Operation Date		
17	HtoODay	Num	Days from Hospital Admission to Operation	* Days from Hospital Admission to Operation		-99 = No Response
18	ANESTECH		Principal Anesthesia Technique	Variable Name:Principal Anesthesia Technique	General – (including IV anesthesia with intubation or Laryngeal Mask Airway (LMA)	NULL = No Response
10		Gilai	opai rii con coa i connique	variable Harriest Intolpar Artestriesia Teorinique	Ceneral - (moduling to anostrosia with intubation of Earlyingeat wash Airway (LWA)	TOLE - NO RESPONSE
	1					4
	Í				Spinal	Í
	1				Epidural	1
					Caudal	1
		1	i		Regional	1
					Local – (usually performed by the surgeon)	1
					Local – (usually performed by the surgeon)	-



I			Search Term in Chapter 4		
SURGSPEC	Char	Surgical Specialty	Variable Name:Surgical Specialty	Pediatric Cardiovascular-Thoracic	
1		' '	, ,	Pediatric Neurosurgery	
1					
1					
1					
1					
1					
1				Gynecology	
				Neurosurgery	
				Orthopedics	
LIEIGUT	Ni	Hainball annah at Communities	Variable News disintall assets	into volutional readiology (irv)	00 - N- D
					-99 = No Response Units converted to inches
WEIGHT	Num	Weight at Surgery (lbs)	Variable Name:Weight		-99 = No Response Units converted to lbs
DNR	Char	Do Not Resuscitate (DNR) Status	Variable Name:DNR Status	Yes; No	NULL = No Response
PREM_BIRTH	Char		Variable Name:Premature Birth	No	NULL = No Response
_				Less than 24 completed weeks gestation	'
1					
1					
1					
1					
1					
<u> </u>				Unknown	
VENTILAT			Variable Name:Ventilator Dependence	Yes; No	NULL = No Response
ASTHMA			Variable Name:History of Asthma	Yes; No	NULL = No Response
HXCLD	Char	Bronchopulmonary Dysplasia/Chronic Lung Disease	Variable Name:Bronchopulmonary Dysplasia/Chronic Lung Disease	Yes; No	NULL = No Response
OXYGEN_SUP	Char		Variable Name:Oxygen Support	Yes; No	NULL = No Response
TRACHEOSTOMY				Yes; No	NULL = No Response
STRUCT_PULM_AB	Char	Structural Pulmonary/Airway Abnormalities	Variable Name:Structural Pulmonary/Airway Abnormalities	Yes; No	NULL = No Response
ESOVAR	Char	Esophageal/Gastric/Intestinal Disease	Variable Name:Esophageal/Gastric/Intestinal Disease	Yes; No	NULL = No Response
PRVPCS	Char	Previous Cardiac Surgery	Variable Name:Previous Cardiac Surgery/Cardiac Intervention	Yes; No	NULL = No Response
CRF	Char	Cardiac Risk Factors	Variable Name:Cardiac Risk Factors	No cardiac risk factors	NULL = No Response
1				Minor cardiac risk factors	'
IMPCOGSTAT	Char	Developmental Delay/Impaired Cognitive Status	Developmental Delay		NULL = No Response
					·
					NULL = No Response
					NULL = No Response
					NULL = No Response
					NULL = No Response
IVH_GRADE	Char	Intraventricular Hemorrhage (IVH) Grade	Intraventricular Hemorrhage (IVH) Grade		NULL = No Response
				Grade 3	
1				Grade 4	
1				IVH reported, but no grade assigned	
1				No IVH reported	
STEROID	Char	Steroid Use	Variable Name:Steroid Use	Yes: No	NULL = No Response
		Ostomy/External Fistula	Variable Name:Ostomy/External Fistula	Yes: No	NULL = No Response
			Variable Name:Ostomy/External Fistula Variable Name:Ostomy	Central Nervous System	NULL = No Response
OSTOMY	Char	Ostomy Type			
	Char	Ostomy Type		Thoray	
OSTOMY		Ostomy Type		Thorax	Multi-select variable
OSTOMY		Ostomy Type		Upper Gastrointestinal Tract	Multi-select variable
OSTOMY		Ostomy Type		Upper Gastrointestinal Tract Lower Gastrointestinal Tract	Multi-select variable
OSTOMY OSTOMY_TYPE	Char			Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract	
OSTOMY OSTOMY_TYPE NUTR SUPPORT	Char	Nutritional Support	Variable Name:Nutritional Support	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No	NULL = No Response
OSTOMY OSTOMY_TYPE NUTR SUPPORT HEMODISORDER	Char Char Char	Nutritional Support Hematologic Disorders	Variable Name:Nutritional Support Variable Name:Hematologic Disorders	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No Yes; No	NULL = No Response NULL = No Response
OSTOMY OSTOMY_TYPE NUTR SUPPORT	Char	Nutritional Support	Variable Name:Nutritional Support Variable Name:Hematologic Disorders	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No	NULL = No Response
OSTOMY OSTOMY_TYPE NUTR SUPPORT HEMODISORDER	Char Char Char	Nutritional Support Hematologic Disorders SirS/Sepsis/Septic Shock Within 48 Hours Prior to	Variable Name:Nutritional Support Variable Name:Hematologic Disorders	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No Yes; No None	NULL = No Response NULL = No Response
OSTOMY OSTOMY_TYPE NUTR SUPPORT HEMODISORDER	Char Char Char	Nutritional Support Hematologic Disorders	Variable Name:Nutritional Support Variable Name:Hematologic Disorders	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No Yes; No None SiRS	NULL = No Response NULL = No Response
OSTOMY OSTOMY_TYPE NUTR SUPPORT HEMODISORDER	Char Char Char	Nutritional Support Hematologic Disorders SirS/Sepsis/Septic Shock Within 48 Hours Prior to	Variable Name:Nutritional Support Variable Name:Hematologic Disorders	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No Yes; No None SIRS Sepsis	NULL = No Response NULL = No Response
OSTOMY OSTOMY_TYPE NUTR SUPPORT HEMODISORDER	Char Char Char	Nutritional Support Hematologic Disorders SirS/Sepsis/Septic Shock Within 48 Hours Prior to	Variable Name:Nutritional Support Variable Name:Hematologic Disorders	Upper Gastrointestinal Tract Lower Gastrointestinal Tract Urinary Tract Yes; No Yes; No None SiRS	NULL = No Response NULL = No Response
	PREM_BIRTH VENTILAT ASTHMA HXCLD OXYGEN SUP TRACHEOSTOMY STRUCT PULM AB ESOVAR PRIVPCS	HEIGHT Num WEIGHT Num DNR Char PREM_BIRTH Char VENTILAT Char ASTHMA Char HXCLD Char HXCLD Char CAP CAP CAP CAP CAP CAP CAP CRF Char CAP CRF Char CAP	HEIGHT Num Height/Length at Surgery (in) WEIGHT Num Weight at Surgery (ibs) DNR Char Do Not Resuscitate (DNR) Status PREM_BIRTH Char Premature Birth VENTILAT Char Premature Birth VENTILAT Char History of Asthma HXCLD Char Bronchopulmonary Dysplasia/Chronic Lung Disease OXYGEN SUP Char Oxygen Support TRACHEOSTOMY Char Tracheostomy STRUCT PULM AB Char Structural Pulmonary/Airway Abnormalities ESOVAR Char Structural Pulmonary/Airway Abnormalities ESOVAR Char Cardiac Risk Factors PRVPCS Char Previous Cardiac Surgery CRF Char Seizure Disorder Cardiac Risk Factors IMPCOGSTAT Char Seizure Disorder CEREBRAL PALSY Char Cerebral Palsy ACQ ABNORMALITY Char Structural CNS Abnormality Char Structural CNS Abnormality Structural CNS Abnormality Char Structural CNS Abnormality Char Reuromuscular Disorder	HEIGHT Num HeightLength at Surgery (in) Variable Name-HeightLength WEIGHT Num Weight at Surgery (be) Variable Name-Weight DNR Char Do Not Resuscitate (DNR) Status Variable Name-DNR Status PREM_BIRTH Char Premature Birth Variable Name-Premature Birth Variable Name-Premature Birth Variable Name-Premature Birth Variable Name-Ventilator Dependence ASTHMA Char History of Asthma Variable Name-Ventilator Dependence ASTHMA Char Bronchopulmonary Dysplasia/Chronic Lung Variable Name-History of Asthma Rochopulmonary Dysplasia/Chronic Lung Variable Name-Stronchopulmonary Dysplasia/Chronic Lung Disease OXYGEN SUP Char Char Theostomy Variable Name-Charles Name-Charles Name-Stronchopulmonary Dysplasia/Chronic Lung Disease OXYGEN SUP Char Char Charles Name-Stronchopulmonary Dysplasia/Chronic Lung Disease Variable Name-Charles Nam	Pediatric Kinorangery Pediatric Gritogorie Surgery



4-4 MACRONIFY City Control National Control Natio		
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March Color Colo	RANSFUS	NULL = No Response
CONTENT TYPE	ALIGNANCY	NULL = No Response
	EONATE_TYPE	
Company Comp		
Section Control Cont		
Sept. No. Clark Sept. Weight Clark Sept. Weight Clark Sept. Sept. Sept		·
March Work 12		NULL = No Response
SETT NOT LES	RTH_WGT_UN	NULL = No Response
September Sept	RTH WGT IR	-99 = No Response
September Sept		-99 = No Response
Sett 11 HOT		
Page		
FEAD_CRIC_UNIT	RTH HGT UN	NULL = No Response
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Gall View Mode Class Mode of Delivery Variable Name Andre O Delivery Variable Name Andre	EAD_CIRC_UN	NULL = No Response
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Scheduled C-Section		NULL = No Response
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APACAR SAMP Chee APACAR Score 1 Minute Variable Name Appear Score 1 Minute Dit Debroom D		
APCAR TIMIN		
AFGAR SMN Char AFGAR SMN Char AFGAR SMN Char Num Proceparative Setum Sectum Presponsible Lable to Deparation Annum Proceparative Setum Sectum Presponsible Lable to Deparation Annum Proceparative Setum Sectum Presponsible Lable to Deparation Annum Proceparative Lable to Operation Annum Proceparative Lable to Deparation A		
PRISODIM Num Propoparative Samum Sodium (mgGs) Variative Name Propoparative Labs (0 Ceparation	PGAR_1MIN	NULL = No Response
SPRIAN Num Days from Serum Sodium Properative Labs to Operation Special Lab Value and Operation Special Sodium Properative Labs to Operation Special Sodium Properative Labs to Operation Special Lab Value Indicated Properative Labs to Operation Special Social Lab Value Indicated Properative Labs to Operation Special Social Lab Value Indicated Properative Labs to Operation Special Lab Value Indicated Properative Labs to Operation Special Social Lab Value Indicated Properative Labs to Operation Special Lab Value Indicated Properative Labs to Operation S		NULL = No Response
BEIN Num Dyeration Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Variable Name Preoperative Labs to Operation Sign From Pictor Sign From Pic		-99 = Lab value not obtained or Unknow
PREMERT Num	PRNA	-99 = Lab value not obtained or Unknow
PRALEUM Num Preoperative Labs to Operation Ope		-99 = Lab value not obtained or Unknow -99 = Lab value not obtained or Unknow
PRESERT Num Days from Seturm Creatinne Prosperative Labs to Departion Seturn Creatinne Prosperative Labs to Seturn	RCREAT	-99 = Lab value not obtained or Unknow
DPRALEUM Num Days from Albumin Preoperative Labs to Operation 99 = Lab value not		-99 = Lab value not obtained or Unknow
PRBILL Num Preoperative Total Bilinubin (mg/dL) Variable Name Preoperative Labs 1 Operation		-99 = Lab value not obtained or Unknow
DPRBILL Num Days from Total Blirubin Preoperative Labs to Operation -99 = Lab value not Operation -99 = Lab value no		-99 = Lab value not obtained or Unknow
Operation 76 PRSGOT Num Properative AST/SGOT (U/L) 77 DPRSGOT Num Days from AST/SGOT Preoperative Labs to Operation 78 PRALKPH Num Preoperative Askiline Phosphatase (U/L) 79 DPRALKPH Num Department William Properative Labs (Variable Name-Preoperative Labs to Operation (Variable Name-Preoperative Labs (Variable Name-Preoperat		-99 = Lab value not obtained or Unknow
PRALKPH		-99 = Lab value not obtained or Unknow
PRALKPH Num Preoperative Alkaline Phosphatase (UL) Variable Name-Preoperative Labs PRALKPH Num Preoperative Alkaline Phosphatase Preoperative Labs Days from Alkaline Phosphatase Preoperative Labs to Operation Days from Alkaline Phosphatase Preoperative Labs Days from MBC Preoperative Labs to Operation Days from MBC Preoperative Labs to Operation Days from Hematocrit Preoperative Labs to Operation Days from Hematocrit Preoperative Labs to Operation Days from Hematocrit Preoperative Labs to Operation Days from Platelet Count (Koumm) Days from Platelet Count (Koumm) Days from Platelet Count (Koumm) Days from Platelet Count Preoperative Labs to Operation Days from Platelet Count Preoperative Labs to Operation Days from Protromobin Time (seconds) Days from Protromobin Time (seconds) Days from Protromobin Time Preoperative Labs Days from Nam Preoperative Labs to Operation Days from		-99 = Lab value not obtained or Unknow
Top DPRALKPH Num Days from Alkaline Phosphatase Preoperative Labs Doperation Doperat		-99 = Lab value not obtained or Unknov
b DPRWBC Num Preoperative WBC (K/mm3) Variable Name:Preoperative Labs to Operation		-99 = Lab value not obtained or Unknow
PRWBC Num Days from WBC Preoperative Labs to Operation -99 = Lab value not -99		-99 = Lab value not obtained or Unknov
82 PRHCT Num Preoperative Hematocrit (%) Variable Name:Preoperative Labs 0 DPRHCT Num Days from Hematocrit Preoperative Labs to Operation -99 = Lab value not -99 = Lab value no		-99 = Lab value not obtained or Unknow
B3 DPRHCT Num Days from Hematocrit Preoperative Labs to Operation -99 = Lab value not		-99 = Lab value not obtained or Unknov
Second Perpanding Perpand		-99 = Lab value not obtained or Unknov
85 DPRPLATE Num Days from Platelet Count Preoperative Labs to Operation Operation Under the Count Preoperative Labs to Operation Operati		-99 = Lab value not obtained or Unknow
See		-99 = Lab value not obtained or Unknow
87 DPRPT Num Days from Prothrombin Time Preoperative Labs to Operation Operation Special Speci		-99 = Lab value not obtained or Unknow
88 PRINR Num Preoperative INR Variable Name:Preoperative Labs to Operation 99		-99 = Lab value not obtained or Unknow
88 PRINR Num Preoperative INR Variable Name:Preoperative Labs	PRPT	-99 = Lab value not obtained or Unknow
90 PRPTT Num Preoperative PTT (seconds) Variable Name:Preoperative Labs -99 = Lab value not 91 DPRPTT Num Days from PTT Preoperative Labs to Operation	RINR	-99 = Lab value not obtained or Unknow
91 DPRPTT Num Days from PTT Preoperative Labs to Operation *Days from PTT Preoperative Labs to Operation 99 = Lab value not		-99 = Lab value not obtained or Unknow
92 CASETYPE Char Case Acuity Variable Name:Case Acuity Elective Urgent NULL = No Response Urgent		-99 = Lab value not obtained or Unknow
Urgent		-99 = Lab value not obtained or Unknow
	ASETYPE	NULL = No Response
Emergent		



	WNDCLAS	Char	W 101 'C 'C	Search Term in Chapter 4		
			Wound Classification	Variable Name:Wound Classification	Clean	NULL = No Response
94		Ona	Tround Oldosinodion	Variable Hamo, Fround Glassification	Clean/Contaminated	TODE - NO Response
94	l				Contaminated	1
04	ļ				Dirty/Infected	1
	ASACLAS	Char	ASA Classification	Variable Name:ASA Classification	ASA 1 – Normal/Healthy	NULL = No Response
	ļ				ASA 2 – Mild Systemic Disease	1 '
					ASA 3 – Severe Systemic Disease	7
	ļ				ASA 4 – Severe Systemic Disease Threat	1
					ASA 5 – Moribund	
					ASA Not Assigned	<u> </u>
95	ANESURG	Num	Duration from Anesthesia Start to Surgery Start	* Duration from Anesthesia Start to Surgery Start in minutes		-99 = No Response
			(min)			
96	SURGANE	Num	Duration from Surgery Stop to Anesthesia Stop	* Duration from Surgery Stop to Anesthesia Stop in minutes		-99 = No Response
			(min)			
	DPATRM	Num	Duration Patient is in Operating Room (min)	* Duration Patient is in Room in minutes		-99 = No Response
	ANETIME		Duration of Anesthesia (min)	* Duration of Anesthesia in minutes		-99 = No Response
	OPTIME	Num	Total Operation Time (min)	* Total operation time in minutes		-99 = No Response
	OTHERCPT1	Char	Other CPT Code 1	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC1 OTHERWRVU1	Char Num	Other Procedure Description - 1	Variable Name:Other Procedures * Other Work Relative Value Unit 1		NULL = No Procedure/No Response
	OTHERWRVU1 OTHERCPT2	Char	Other Work Relative Value Unit 1 Other CPT Code 2			-99 = No Procedure/No Response NULL = No Procedure/No Response
	OTHERPROC2	Char	Other CP1 Code 2 Other Procedure Description - 2	Variable Name:Other Procedures Variable Name:Other Procedures		NULL = No Procedure/No Response
104	OTHERWRVU2	Num	Other Work Relative Value Unit 2	* Other Work Relative Value Unit 2		-99 = No Procedure/No Response
	OTHERCPT3	Char	Other CPT Code 3	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC3	Char	Other Procedure Description - 3	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU3		Other Work Relative Value Unit 3	* Other Work Relative Value Unit 3		-99 = No Procedure/No Response
109	OTHERCPT4	Char		Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC4	Char	Other Procedure Description - 4	Variable Name:Other Procedures		NULL = No Procedure/No Response
111	OTHERWRVU4	Num	Other Work Relative Value Unit 4	* Other Work Relative Value Unit 4		-99 = No Procedure/No Response
112	OTHERCPT5	Char	Other CPT Code 5	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC5	Char	Other Procedure Description - 5	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU5	Num	Other Work Relative Value Unit 5	* Other Work Relative Value Unit 5		-99 = No Procedure/No Response
	OTHERCPT6	Char	Other CPT Code 6	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC6	Char	Other Procedure Description - 6	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU6	Num	Other Work Relative Value Unit 6	* Other Work Relative Value Unit 6		-99 = No Procedure/No Response
	OTHERCPT7	Char	Other CPT Code 7	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC7	Char	Other Procedure Description - 7	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU7 OTHERCPT8	Num	Other Work Relative Value Unit 7	* Other Work Relative Value Unit 7		-99 = No Procedure/No Response
	OTHERPROC8	Char	Other CPT Code 8	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU8	Num	Other Procedure Description - 8 Other Work Relative Value Unit 8	Variable Name:Other Procedures * Other Work Relative Value Unit 8		NULL = No Procedure/No Response -99 = No Procedure/No Response
	OTHERWRY08 OTHERCPT9	Char	Other CPT Code 9	Variable Name:Other Procedures		NULL = No Procedure/No Response
125	OTHERPROC9	Char	Other Procedure Description - 9	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU9	Num	Other Work Relative Value Unit 9	* Other Work Relative Value Unit 9		-99 = No Procedure/No Response
	OTHERCPT10	Char	Other CPT Code 10	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERPROC10	Char	Other Procedure Description - 10	Variable Name:Other Procedures		NULL = No Procedure/No Response
	OTHERWRVU10	Num	Other Work Relative Value Unit 10	* Other Work Relative Value Unit 10		-99 = No Procedure/No Response
130	CONCPT1	Char	Concurrent CPT 1	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
131	CONCURR1	Char	Concurrent Procedure Description - 1	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONWRVU1	Num	Concurrent Work Relative Value Unit 1	* Concurrent Work Relative Value Unit 1		-99 = No Procedure/No Response
133	CONCPT2	Char	Concurrent CPT 2	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
134	CONCURR2	Char	Concurrent Procedure Description - 2	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
135	CONWRVU2	Num	Concurrent Work Relative Value Unit 2	* Concurrent Work Relative Value Unit 2		-99 = No Procedure/No Response
136	CONCPT3	Char	Concurrent CPT 3	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
137 138	CONCURR3	Char	Concurrent Procedure Description - 3	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
138	CONWRVU3 CONCPT4	Num Char	Concurrent Work Relative Value Unit 3 Concurrent CPT 4	* Concurrent Work Relative Value Unit 3 Variable Name:Concurrent Procedures		-99 = No Procedure/No Response NULL = No Procedure/No Response
	CONCURR4	Char	Concurrent CPT 4 Concurrent Procedure Description - 4	Variable Name:Concurrent Procedures Variable Name:Concurrent Procedures		NULL = No Procedure/No Response NULL = No Procedure/No Response
	CONCURR4 CONWRVU4	Num	Concurrent Work Relative Value Unit 4	* Concurrent Work Relative Value Unit 4		-99 = No Procedure/No Response
	CONCPT5	Char	Concurrent CPT 5	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONCURR5		Concurrent Procedure Description - 5	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONWRVU5	Num	Concurrent Work Relative Value Unit 5	* Concurrent Work Relative Value Unit 5		-99 = No Procedure/No Response
	CONCPT6	Char	Concurrent CPT 6	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONCURR6	Char	Concurrent Procedure Description - 6	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
147	CONWRVU6	Num	Concurrent Work Relative Value Unit 6	* Concurrent Work Relative Value Unit 6		-99 = No Procedure/No Response
	CONCPT7	Char	Concurrent CPT 7	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONCURR7	Char	Concurrent Procedure Description - 7	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
150	CONWRVU7	Num	Concurrent Work Relative Value Unit 7	* Concurrent Work Relative Value Unit 7		-99 = No Procedure/No Response
	CONCPT8	Char	Concurrent CPT 8	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONCURR8	Char	Concurrent Procedure Description - 8	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONWRVU8	Num	Concurrent Work Relative Value Unit 8	* Concurrent Work Relative Value Unit 8		-99 = No Procedure/No Response
	CONCPT9	Char	Concurrent CPT 9	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONCURR9	Char	Concurrent Procedure Description - 9	Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
	CONWRVU9		Concurrent Work Relative Value Unit 9	* Concurrent Work Relative Value Unit 9		-99 = No Procedure/No Response
157	CONCPT10	Unar	Concurrent CPT 10	Variable Name:Concurrent Procedures	<u>l</u>	NULL = No Procedure/No Response



159 C 160 F 161 F	CONCURR10 CONWRVU10	Char Num	Concurrent Procedure Description - 10	Search Term in Chapter 4 Variable Name:Concurrent Procedures		NULL = No Procedure/No Response
159 C 160 F 161 F	CONWRVU10					
160 F			Concurrent Work Relative Value Unit 10	* Concurrent Work Relative Value Unit 10		-99 = No Procedure/No Response
161 F	PODIAG10	Char	Postoperative Diagnosis (ICD 10)	Variable Name:Postoperative Diagnosis ICD Code		NULL = No Response
162 L	PODIAGTX10	Char	Postoperative Diagnosis Text (ICD 10)	Variable Name:Postoperative Diagnosis ICD Code		NULL = No Response
102	HDISDT	Char	Hospital Discharge Year	Variable Name:Acute Hospital Discharge Date		NULL = No Response
	DOptoDis		Days from Operation to Discharge	* Days from Operation to Discharge		-99 = No Response
164	DISCHDEST	Char	Discharge Destination	Variable Name:Hospital Discharge Destination	Acute Care Hospital	NULL = No Response
					Against Medical Advice (AMA)	
					Expired	
					Home/Permanent Residence	
					Other Facility	
		<u> </u>			Unknown	
	TOTHLOS STILLINHOSP	Num	Length of Total Hospital Stay Still in Hospital > 30 Days	* Length of total hospital stay Variable Name:Still In Hospital > 30 Days	V	-99 = No Response NULL = No Response
	OXYGEN AT DISCHARGE	Char	Oxygen at Discharge or at 30 Days	Variable Name:Oxygen at Discharge or at 30 Days	Yes Yes; No	NULL = No Response
	NUTRITION_AT_DISCHARGE	Char	Nutritional Requirement at Discharge or at 30 Days	Variable Name:Nutritional Requirement at Discharge or at 30 Days	Yes; No	NULL = No Response
100	NOTATION_XI_BIOGRANGE	Onai	Transfer requirement at Disonarge of at 50 Days	Variable Name. National Nequilement at Disonarge of at 50 Days	103,110	NOLE - NO Nesponse
169	DEATH30YN	Char	Death in 30 Days	Variable Name:30-Day Mortality	Yes; No	NULL = No Response
	YRDEATH	Char	Year of Death	Variable Name:Date of Death		NULL = No Response
171	DEATH30DTUNK	Char	Date of Death is Unknown	Variable Name:Date of Death	Yes	NULL = No Response
	DOpertoD	Num	Days from Operation to Death	* Days from Operation to Death		-99 = No Response
173 I	IO_CDARREST	Char	Intraoperative Occurrences CPR During Operation	Variable Name:CPR during operation	CPR during operation; No Complication	NULL = No Response
174 I	IO_UNPLANNEDEXTUB	Char	Intraoperative Occurrences Unplanned Extubation	Variable Name:Unplanned Extubation	Unplanned Extubation; No Complication	NULL = No Response
475	CLIDINEEC	0'	0	Variable News of the district Labels and COL	Constraint to sixteen I CCI No Const. " "	NULL - No Deer
	SUPINFEC		Occurrences Superficial Incisional SSI	Variable Name:Superficial Incisional SSI	Superficial Incisional SSI; No Complication	NULL = No Response
	SUPERFICSSI_PATOS	Char	Superficial Incisional SSI - PATOS	Variable Name:Superficial Incisional SSI - PATOS	Yes; No	NULL = No Response
177 N	NSUPINFEC	Num	Number of Superficial Incisional SSI Occurrences	* Number of Superficial Incisional SSI Occurrences		
178	DSUPINFEC	Num	Days from Operation until Superficial Incisional SSI	* Days from Operation until Superficial Incisional SSI Complication		-99 = No Response
			Complication			
	WNDINFD		Occurrences Deep Incisional SSI Deep Incisional SSI - PATOS	Variable Name:Deep Incisional SSI Variable Name:Deep Incisional SSI PATOS	Deep Incisional SSI; No Complication	NULL = No Response NULL = No Response
160	DEEPINCSSI_PATOS	Char	Deep Incisional SSI - PATOS	variable Name:Deep Incisional 55I PATO5	Yes; No	NULL = No Response
181 N	NWNDINFD	Num	Number of Deep Incisional SSI Occurrences	* Number of Deep Incisional SSI Occurrences		
182	DWNDINFD	Num	Days from Operation until Deep Incisional SSI	* Days from Operation until Deep Incisional SSI Complication		-99 = No Response
			Complication			
	ORGSPCSSI	Char	Occurrences Organ/Space SSI	Variable Name:Organ/Space SSI	Organ/Space SSI; No Complication	NULL = No Response
184	ORGSPCSSI_PATOS	Char	Organ/Space SSI - PATOS	Variable Name:Organ/Space SSI - PATOS	Yes; No	NULL = No Response
185 N	NORGSPCSSI	Num	Number of Organ/Space SSI Occurrences	* Number of Organ/Space SSI Occurrences		
186	DORGSPCSSI	Num	Days from Operation until Organ/Space SSI	* Days from Operation until Organ/Space SSI Complication		-99 = No Response
.00	2011001 0001		Complication	Days nom operation and organicipass con complication		oo nonooponoo
187	DEHIS	Char	Occurrences Wound Disruption/Dehiscence	Variable Name:Wound Disruption/Dehiscence	Wound Disruption; No Complication	NULL = No Response
188 N	NDEHIS	Num	Number of Wound Disruption/Dehiscence	* Number of Wound Disruption/Dehiscence Occurrences		
			Occurrences			
189	DDEHIS	Num	Days from Operation until Wound	* Days from Operation until Wound Disruption/Dehiscence Complication		-99 = No Response
			Disruption/Dehiscence Complication			
	OUPNEUMO	Char	Occurrences Pneumonia	Variable Name:Pneumonia	Pneumonia; No Complication	NULL = No Response
	NOUPNEUMO	Num	Number of Pneumonia Occurrences	* Number of Pneumonia Occurrences		00 N D
192	DOUPNEUMO	Num	Days from Operation until Pneumonia Complication	* Days from Operation until Pneumonia Complication		-99 = No Response
193 F	REINTUB	Char	Occurrences Unplanned Intubation	Variable Name:Unplanned Intubation	Unplanned Intubation; No Complication	NULL = No Response
	NREINTUB		Number of Unplanned Intubation Occurrences	* Number of Unplanned Intubation Occurrences	Onpianned intubation, No Complication	NOLL - NO Response
	DREINTUB	Num	Days from Operation until Unplanned Intubation	* Days from Operation until Unplanned Intubation Complication		-99 = No Response
			Complication	, ., ., ., ., ., ., ., ., ., ., ., ., .,		
	ONVENT48HRS	Char		Variable Name:On Ventilator > 48 Hours	On Ventilator > 48 Hours; No Complication	NULL = No Response
	NONVENT48HRS	Num	Number of On Ventilator > 48 Hours Occurrences	* Number of On Ventilator > 48 Hours Occurrences		
198	DONVENT48HRS	Num	Days from Operation until On Ventilator > 48 Hours	* Days from Operation until On Ventilator > 48 Hours Complication		-99 = No Response
			Complication			
	RENAINSF		Occurrences Progressive Renal Insufficiency	Variable Name:Progressive Renal Insufficiency	Progressive Renal Insufficiency; No Complication	NULL = No Response
200	NRENAINSF	Num	Number of Progressive Renal Insufficiency	* Number of Progressive Renal Insufficiency Occurrences		
	DDENAMOS	L. .	Occurrences	*D / O / UD / D / U		00 N B
201	DRENAINSF	Num	Days from Operation until Progressive Renal	* Days from Operation until Progressive Renal Insufficiency Complication		-99 = No Response
202 (OPRENAFL	Char	Insufficiency Complication Occurrences Acute Renal Failure	Variable Name:Acute Renal Failure	Acute Benel Failure: No Complication	NULL = No Door
	NOPRENAFL NOPRENAFL		Number of Acute Renal Failure Number of Acute Renal Failure Occurrences	Variable Name:Acute Renal Failure * Number of Acute Renal Failure Occurrences	Acute Renal Failure; No Complication	NULL = No Response
	DOPRENAFL	Num	Days from Operation until Acute Renal Failure	* Days from Operation until Acute Renal Failure Complication		-99 = No Response
204	50. NE.474 E	140111	Complication	Says nom operation unit route frontal failure complication		55 - No Neaponae
205	URNINFEC	Char	Occurrences Urinary Tract Infection	Variable Name:Urinary Tract Infection	Urinary Tract Infection; No Complication	NULL = No Response
205 li	NURNINFEC		Number of Urinary Tract Infection Occurrences	* Number of Urinary Tract infection Occurrences	- /	
	NURNINFEC					
206	DURNINFEC	Num	Days from Operation until Urinary Tract Infection	* Days from Operation until Urinary Tract Infection Complication		-99 = No Response



	1			0		T
200	CNSCOMA	06	Coma > 24 Hours	Search Term in Chapter 4 Variable Name:Coma > 24 Hours	C > 24 N- C	NULL = No Response
208 209	NCNSCOMA	Char	Number of Coma > 24 Hours Occurrences	* Number of Coma > 24 Hours * Number of Coma > 24 Hours Occurrences	Coma >24 hours; No Complication	NULL = No Response
210	DCNSCOMA	Num	Days from Operation until Coma > 24 Hours	* Days from Operation until Coma > 24 Hours Complication		-99 = No Response
			Complication			1
211	CNSCVA	Char	CVA/Stroke or Intracranial Hemorrhage	Variable Name:Cerebral Vascular Accident/Stroke or Intracranial Hemorrhage	Stroke/CVA with neurological deficit; No Complication	NULL = No Response
212	NCNSCVA	Num	Number of CVA/Stroke or Intracranial Hemorrhage	* Number of CVA/Stroke Occurrences		
		—	Occurrences			22 11 2
213	DCNSCVA	Num	Days from Operation until CVA/Stroke or Intracranial Hemorrhage Complication	* Days from Operation until CVA/Stroke Complication		-99 = No Response
214	CSZRE	Char	Seizure Disorder	Variable Name:Seizure	Seizure: No Complication	NULL = No Response
215	NSZRE	Num	Number of Seizure Occurrences	* Number of Seizure Occurrences	Solutio, 110 Complication	NOLE NO NOSPONOS
216	DSZRE	Num	Days from Operation until Seizure Complication	* Days from Operation until Seizure complication		-99 = No Response
217	NEURODEF		Nerve Injury	Variable Name:Nerve Injury (Peripheral)	Nerve Injury ; No Complication	NULL = No Response
218 219	NNEURODEF DNEURODEF	Num	Number of Nerve Injury Occurrences Days from Operation until Nerve Injury	* Number of Nerve Injury Occurrences * Days from Operation until Nerve Injury Complication		-99 = No Response
213	BINEOROBEI	Nulli	Complication	Bays from Operation until Nerve injury Complication		-95 = No Response
220	CIVHG1	Char	Occurrences IVH Grade 1	Variable Name:Neonatal Intraventricular Hemorrhage (IVH) Grade	IVH Grade 1; No Complication	NULL = No Response
221	NIVHG1	Num	Number of IVH Grade 1 Occurrences	* Number of IVH Grade 1 Occurrences		
222	DIVHG1	Num	Days from Operation until IVH Grade 1	* Days from Operation until IVH Grade 1 Complication		-99 = No Response
			Complication			
223	CIVHG2	Char	Occurrences IVH Grade 2	Variable Name:Neonatal Intraventricular Hemorrhage (IVH) Grade	IVH Grade 2; No Complication	NULL = No Response
224 225	NIVHG2 DIVHG2	Num Num	Number of IVH Grade 2 occurrences Days from Operation until IVH Grade 2	* Number of IVH Grade 2 Occurrences * Days from Operation until IVH Grade 2 Complication	+	-99 = No Response
220	502	Num	Complication	5435 Sporation until 1911 Grade 2 comprisation		-55 - No Nosponse
226	CIVHG3		Occurrences IVH Grade 3	Variable Name:Neonatal Intraventricular Hemorrhage (IVH) Grade	IVH Grade 3; No Complication	NULL = No Response
227	NIVHG3	Num	Number of IVH Grade 3 Occurrences	* Number of IVH Grade 3 Occurrences		
228	DIVHG3	Num	Days from Operation until IVH Grade 3	* Days from Operation until IVH Grade 3 Complication		-99 = No Response
			Complication			
229	CIVHG4	Char	Occurrences IVH Grade 4	Variable Name:Neonatal Intraventricular Hemorrhage (IVH) Grade	IVH Grade 4; No Complication	NULL = No Response
230 231	NIVHG4 DIVHG4	Num	Number of IVH Grade 4 Occurrences Days from Operation until IVH Grade 4	* Number of IVH Grade 4 Occurrences * Days from Operation until IVH Grade 4 Complication		-99 = No Response
231	DIVITG4	Nulli	Complication	Days from Operation until 1911 Grade 4 Complication		-99 = No Response
232	CIVHUNK	Char	Occurrences IVH Grade Unknown	Variable Name:Neonatal Intraventricular Hemorrhage (IVH) Grade	Unknown/Specific grade not documented; No Complication	NULL = No Response
233	NIVHUNK	Num	Number of IVH Grade Unknown Occurrences	* Number of IVH Grade Unknown Occurrences		
234	DIVHUNK	Num	Days from Operation until IVH Grade Unknown	* Days from Operation until IVH Grade Unknown Complication		-99 = No Response
005	OD A DDEOT	01	Complication	V : II N	0 5 4 40 11 000 11 0	NULL N. B.
235 236	CDARREST NCDARREST	Char Num	Occurrences Cardiac Arrest Requiring CPR Number of Cardiac Arrest Requiring CPR	Variable Name:Cardiac Arrest Requiring CPR * Number of Cardiac Arrest Requiring CPR Occurrences	Cardiac Arrest Requiring CPR; No Complication	NULL = No Response
230	NCDARREST	Nulli	Occurrences	Number of Cardiac Arrest Requiring CFR Occurrences		
237	DCDARREST	Num	Days from Operation until Cardiac Arrest Requiring	* Days from Operation until Cardiac Arrest Requiring CPR Complication		-99 = No Response
			CPR Complication			·
238	OTHBLEED		Occurrences Bleeding/Transfusion	Variable Name:Blood Transfusion	Bleeding/Transfusions; No Complication	NULL = No Response
239 240	NOTHBLEED	Num	Number of Bleeding/Transfusion Occurrences	* Number of Bleeding/Transfusion Occurrences		00 N B
240	DOTHBLEED	Num	Days from Operation until Bleeding/Transfusion Complication	* Days from Operation until Bleeding/Transfusion Complication		-99 = No Response
241	BLEED_ML_TOT	Num	Total Blood Transfused (mL)	* Total blood (mL) transfused during bleeding complications		-99 = No Response
	BEEEB_INIE_101		Total Blood Translation (III2)	Total blood (III2) translated dating blooding complications		"Cell Saver and/or Salvage and/or Autologous"
						and "Allogeneic" quantities have been combined
						into total amounts (mL) for this variable.
		1				
242	BLEEDING_AUTOLOGOUS		Cell Saver Blood Used in Transfusion (mL)	Variable Name:Blood Transfusion		-99 = No Response
243 244	BLEEDING ALLOGENEIC OTHVT		Allogeneic Blood Used in Transfusion (mL) Occurrences VT	Variable Name:Blood Transfusion Variable Name:Venous Thrombosis Requiring Therapy	VT Requiring Therapy; No Complication	-99 = No Response NULL = No Response
244	NOTHVT		Number of VT Occurrences	* Number of VT Occurrences	v i requiring i nerapy, ivo complication	INOTE - INDITESPONSE
246	DOTHVT		Days from Operation until VT Complication	* Days from Operation until VT Complication		-99 = No Response
247	OTHCDIFF	Char	Occurrence of C.diff Colitis	Variable Name:C.diff Colitis	C.diff; No Complication	NULL = No Response
248	NOTHCDIFF	Num	Number of C.diff Colitis Occurrences	* Number of C.diff Colitis Occurrences		
249	DOTHCDIFF	Num	Days from Operation until C.diff Colitis	* Days from Operation until C.diff Colitis Complication		-99 = No Response
			Complication			
050	OTHEVEED	C		Verieble News (Destaurant) of Contamin C	Contactic Consist No Consultantian	NULL - No Deep
250 251	OTHSYSEP NOTHSYSEP	Char	Occurrences Sepsis	Variable Name:Postoperative Systemic Sepsis	Systemic Sepsis; No Complication	NULL = No Response
250 251 252	NOTHSYSEP		Occurrences Sepsis Number of Sepsis Occurrences	* Number of Sepsis Occurrences	Systemic Sepsis; No Complication	·
251		Num	Occurrences Sepsis		Systemic Sepsis; No Complication	NULL = No Response -99 = No Response
251 252 253	NOTHSYSEP DOTHSYSEP OTHSESHOCK	Num Num Char	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock	Systemic Sepsis; No Complication Septic Shock; No Complication	
251 252 253 254	NOTHSYSEP DOTHSYSEP OTHSESHOCK NOTHSESHOCK	Num Num Char Num	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock Number of Septic Shock Occurrences		-99 = No Response NULL = No Response
251 252 253	NOTHSYSEP DOTHSYSEP OTHSESHOCK	Num Num Char	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock		-99 = No Response
251 252 253 254 255	NOTHSYSEP DOTHSYSEP OTHSESHOCK NOTHSESHOCK DOTHSESHOCK	Num Num Char Num Num	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication	Septic Shock; No Complication	-99 = No Response NULL = No Response -99 = No Response
251 252 253 254	NOTHSYSEP DOTHSYSEP OTHSESHOCK NOTHSESHOCK	Num Num Char Num	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock Number of Septic Shock Occurrences		-99 = No Response NULL = No Response
251 252 253 254 255 256	NOTHSYSEP DOTHSYSEP OTHSESHOCK NOTHSESHOCK DOTHSESHOCK OTHCLAB	Num Num Char Num Num	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication Occurrences CL Associated Bloodstream Infection	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication Variable Name:Central-Line Associated Bloodstream Infection	Septic Shock; No Complication	-99 = No Response NULL = No Response -99 = No Response
251 252 253 254 255	NOTHSYSEP DOTHSYSEP OTHSESHOCK NOTHSESHOCK DOTHSESHOCK	Num Num Char Num Num	Occurrences Sepsis Number of Sepsis Occurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication	Septic Shock; No Complication	-99 = No Response NULL = No Response -99 = No Response
251 252 253 254 255 256	NOTHSYSEP DOTHSYSEP OTHSESHOCK NOTHSESHOCK DOTHSESHOCK OTHCLAB	Num Num Char Num Num	Occurrences Sepsis Number of Sepsis Ocurrences Days from Operation until Sepsis Complication Occurrences Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication Occurrences CL Associated Bloodstream Infection Number of CL Associated Bloodstream Infection	Number of Sepsis Occurrences Days from Operation until Sepsis Complication Variable Name:Postoperative Septic Shock Number of Septic Shock Occurrences Days from Operation until Septic Shock Complication Variable Name:Central-Line Associated Bloodstream Infection	Septic Shock; No Complication	-99 = No Response NULL = No Response -99 = No Response



259 260 261	READMISSION1 READMPODAYS1		Any Readmssion 1	Search Term in Chapter 4 Variable Name:30-Day Readmission	L	1
260 261					Yes; No	NULL = No Response
		Num	Days from Operation to Any Readmission 1	* Days from primary procedure to Any Readmission 1	163,110	-99 = No Response
	UNPLANNEDREADMISSION1	Char	Unplanned Readmission 1	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
262	READMRELATED1	Char	Related Readmission 1	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
263	READMREASON1	Char	Primary Suspected Reason for Readmission 1	Variable Name:30-Day Readmission	Superficial Incisional SSI	NULL = No Response
					Deep Incisional SSI	
					Organ/Space SSI	4
					Wound Disruption/Dehiscence	4
					Pneumonia	
					Unplanned Intubation	
					Progressive Renal Insufficiency Acute Renal Failure	
					Urinary Tract Infection	1
					Coma > 24 hours	1
					Cerebral Vascular Accident/Stroke or Intercranial Hemorrhage	4
					Seizure	
					Nerve Injury	
					Neonatal IVH Grade 1	
					Neonatal IVH Grade 2	
					Neonatal IVH Grade 3	1
					Neonatal IVH Grade 4	1
					Neonatal IVH Grade unknown/Specific Grade not documented	1
					Cardiac Arrest Requiring CPR	1
		l			Blood Transfusion	1
					Venous Thrombosis requiring Therapy	1
					C.diff Colitis	1
					Postoperative Systemic Sepsis	
					Septic Shock	
					Central-Line Associated Bloodstream Infection	
					Other (ICD 10 code)	
264	READMRELICD101		Readmission Other Related ICD-10 Code 1	Variable Name:30-Day Readmission		NULL = No Response
265	READMISSION2	Char	Any Readmssion 2	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
266	READMPODAYS2 UNPLANNEDREADMISSION2	Num	Days from Operation to Any Readmission 2 Unplanned Readmission 2	* Days from primary procedure to Any Readmission 2	V N	-99 = No Response
267 268	READMRELATED2	Char	Related Readmission 2	Variable Name:30-Day Readmission Variable Name:30-Day Readmission	Yes; No Yes: No	NULL = No Response NULL = No Response
269	READMREASON2	Char	Primary Suspected Reason for Readmission 2	Variable Name:30-Day Readmission	See 'Primary Suspected Reason for Readmission 1'	NULL = No Response
200	TE BILLE TO TE	Onai	Trimary Suspected Housen for Houseningson 2	Validatio Namoloo Bay Nodamioolon	Soo Timary Suspensed Trouserries Trouserries Tr	Trock Trockshop
270	READMRELICD102	Char	Readmission Other Related ICD-10 Code 2	Variable Name:30-Day Readmission		NULL = No Response
271	READMISSION3	Char	Any Readmssion 3	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
272	READMPODAYS3		Days from Operation to Any Readmission 3	* Days from primary procedure to Any Readmission 3		-99 = No Response
273 274	UNPLANNEDREADMISSION3 READMRELATED3		Unplanned Readmission 3 Related Readmission 3	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
274	READMREASON3	Char	Primary Suspected Reason for Readmission 3	Variable Name:30-Day Readmission Variable Name:30-Day Readmission	See 'Primary Suspected Reason for Readmission 1'	NULL = No Response NULL = No Response
213	INCADIMINEASONS	Cital	r fill ally Suspected Reason for Readinission 3	Variable Name.30-Day Readmission	See Frimary Suspected Neason for Neadmission 1	NOLL = No Response
276	READMRELICD103	Char	Readmission Other Related ICD-10 Code 3	Variable Name:30-Day Readmission		NULL = No Response
277	READMISSION4		Any Readmssion 4	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
278	READMPODAYS4		Days from Operation to Any Readmission 4	* Days from primary procedure to Any Readmission 4		-99 = No Response
279	UNPLANNEDREADMISSION4		Unplanned Readmission 4	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
280 281	READMRELATED4 READMREASON4		Related Readmission 4	Variable Name: 30-Day Readmission	Yes; No	NULL = No Response
201	INLADIVINEASUN4	Char	Primary Suspected Reason for Readmission 4	Variable Name:30-Day Readmission	See 'Primary Suspected Reason for Readmission 1'	NULL = No Response
282	READMRELICD104	Char	Readmission Other Related ICD-10 Code 4	Variable Name:30-Day Readmission		NULL = No Response
283	READMISSION5		Any Readmssion 5	Variable Name:30-Day Readmission	Yes; No	NULL = No Response
284	READMPODAYS5	Num	Days from Operation to Any Readmission 5	* Days from primary procedure to Any Readmission 5		-99 = No Response
285	UNPLANNEDREADMISSION5	Char	Unplanned Readmission 5	Variable Name:Hospital Readmission	Yes; No	NULL = No Response
286	READMRELATED5		Related Readmission 5	Variable Name:Hospital Readmission	Yes; No	NULL = No Response
287	READMREASON5	Char	Primary Suspected Reason for Readmission 5	Variable Name:Hospital Readmission	See 'Readmission Related Suspected Reason 1'	NULL = No Response
288	READMRELICD105	Char	Readmission Other Related ICD-10 Code 5	Variable Name:Hospital Readmission		NULL = No Response
289	REOPERATION		Unplanned Reoperation 1	Variable Name:30-Day Unplanned Return to OR	Yes; No	NULL = No Response
290	RETORPODAYS		Days from Operation to Unplanned Reoperation 1	* Days from operation to Unplanned Reoperation 1	1	-99 = No Response
				<u> </u>		<u> </u>
291	REOPORCPT1		Unplanned Reoperation 1 CPT	Variable Name:30-Day Unplanned Return to OR		NULL = No Response
292	RETORRELATED		Related Unplanned Reoperation 1	Variable Name:30-Day Unplanned Return to OR	Yes; No	NULL = No Response
293	REOPORICD101		Unplanned Reoperation 1 ICD-10 Code	Variable Name:30-Day Unplanned Return to OR	ly v	NULL = No Response
294 295	REOPERATION2		Unplanned Reoperation 2	Variable Name:30-Day Unplanned Return to OR	Yes; No	NULL = No Response
290	RETOR2PODAYS	Num	Days from Operation to Unplanned Reoperation 2	* Days from operation to Unplanned Reoperation 2		-99 = No Response
296	REOPOR2CPT1	Char	Unplanned Reoperation 2 CPT	Variable Name:30-Day Unplanned Return to OR	+	NULL = No Response
	RETOR2RELATED		Related Unplanned Reoperation 2	Variable Name:30-Day Unplanned Return to OR	Yes; No	NULL = No Response
297					·	NULL = No Response
297 298	REOPOR2ICD101	Char	Unplanned Reoperation 2 ICD-10 Code	Variable Name:30-Day Unplanned Return to OR		NULL - NO Response



Advisement: When a change in definitions across PUF years is noted, users should attend to this if they merge files. It is suggested that they evaluate variable categories across years and combine them in a manner appropriate to their research objectives

	_1		<u> 1</u>	Search Term in Chapter 4		
300	PREOP_COVID	Char	Preoperative Diagnosis of COVID-19	Variable Name:Preop COVID-19 Diagnosis	Yes, lab-confirmed diagnosis (or ICD-10 code U07.1)	
					Yes, suspected diagnosis (or ICD-10 code U07.2)	
					No	
301	POSTOP_COVID	Char	Postoperative Diagnosis of COVID-19	Variable Name: New Postop COVID-19 Diagnosis	Yes, lab-confirmed diagnosis (or ICD-10 code U07.1)	
					Yes, suspected diagnosis (or ICD-10 code U07.2)	
					No	
302	OPIOID_DISCHARGE	Char	Opioid at Discharge	Variable Name: Opioid at Discharge	Yes; No	NULL = No Response
303	OPIOID_TYPE_1	Char	Opioid Type 1	Variable Name: Type of Opioid	Codeine	NULL = No Response
					Hydrocodone	
					Hydromorphone	
					Oxycodone	
					Tramadol	
					Oral Morphine	
					Other	
304	OPIOID_TYPE_2	Char	Opioid Type 2	Variable Name: Type of Opioid	Codeine	NULL = No Response
					Hydrocodone	
					Hydromorphone	
					Oxycodone	
					Tramadol	
					Oral Morphine	
					Other	
305		Char	Opioid Type 3	Variable Name: Type of Opioid	Codeine	NULL = No Response
					Hydrocodone	
					Hydromorphone	
					Oxycodone	
					Tramadol	
					Oral Morphine	
					Other	
306	OPIOID_TYPE_4	Char	Opioid Type 4	Variable Name: Type of Opioid	Codeine	NULL = No Response
					Hydrocodone	
					Hydromorphone	
					Oxycodone	
					Tramadol	
					Oral Morphine	
					Other	
307	OPIOID_TYPE_5	Char	Opioid Type 5	Variable Name: Type of Opioid	Codeine	NULL = No Response
					Hydrocodone	
					Hydromorphone	
					Oxycodone	
					Tramadol	
					Oral Morphine	
	1	ı	1		Other	





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