

Importing Procedure Data for Outpatient Procedure Component

NOTE: The procedure import file specifications contained in this document will be implemented in NHSN version 9.0, planned for the late June 2018 timeframe (TBD). ASC Facilities will not be able to import procedure data according to these specifications prior to that time.

NHSN will allow importation of procedure data in an ASCII comma delimited text file format. You can generate the import files from different external sources, such as databases or hospital information systems. The default import option allows the importation of procedures where the procedure date occurs in a month for which a Monthly Reporting Plan exists and the Plan specifies the procedure code in the import file record. If you wish to import records for procedures not in the Plan, you must specify which procedures to include. Custom procedures can also be imported if they are first created on the custom options page.

NOTES:

1. Data in the import file must be in the same order as described in the table below, not as they appear on the Denominator for Procedure form.
2. The comma delimited text file format defined in the below table requires commas between fields even if no data values exist (e.g., optional or empty fields).
3. If a bilateral procedure is performed, two procedure records are required. Refer to the NHSN Procedure Codes table for a list of procedures that can be bilateral.
4. There should be a unique duration for each bilateral procedure. If only one total time is available for both procedures, estimate the duration for each or split the time evenly between them.
5. For Outpatient Procedure Component the procedure must be one of those listed in the NHSN Procedure Codes table as an Outpatient Procedure.
6. If you are importing Surgeon Code, all surgeon codes must be set-up in NHSN prior to importing.
7. If you are importing custom fields, all custom fields must be set up in NHSN prior to importing data in these fields.
8. If the optional Procedure Comment field has text that contains commas you must place a double quote at the beginning and end of the string of text (e.g., “with allograft, dowels, plates”).
9. When creating comma delimited files, be careful to exclude non-printable characters as they may actually cause the data to be improperly imported and result in errors.
10. You must delete the header line from the CSV file prior to importing the data.
11. Data must be entered in all fields marked as “Required” for both in plan and off plan procedure records. Fields marked as “Optional for Import” allow an incomplete record to be imported. **Note that these fields are considered required for completion of an in-plan procedure record and can be completed through manual edit of each record in the NHSN reporting application.**



NHSN Procedure Import File Format**:

Field	Requirement	Values	Format†
Patient ID	Required		Character length 15
Gender	Required	M – Male F – Female O – Other	Character length 1
Date of birth	Required		mm/dd/yyyy
NHSN procedure code	Required	See NHSN procedure allowable procedure codes for the Outpatient Component	Character length 5
Date of procedure	Required		mm/dd/yyyy
Duration hours	Required		Numeric length 2
Duration minutes	Required		Numeric length 2
Wound class	Required	C – Clean CC – Clean Contaminated CO – Contaminated D – Dirty/Infected Note: The following procedure codes can NOT have a “clean” designation for wound class: APPY, BILI, CHOL, COLO, REC, SB, VHYS.	Character length 2
ASA score	Required	1 - Normally healthy patient 2 - Patient with mild systemic disease 3 - Patient with severe systemic disease, not incapacitating 4 - Patient with incapacitating systemic disease, constant threat to life 5 - Moribund patient < 24 hr life expectancy	Character length 1
Endoscope	Required	Y – Yes N – No	Character length 1
Surgeon code	Optional		Character length 20
General anesthesia	Required	Y – Yes N – No	Character length 1
Height* in feet	Required for Import (Height must be in Feet/Inches or Meters)	Valid values are >0 and <=8	Numeric length 2

Field	Requirement	Values	Format†
Height* in inches	Required for Import (Height must be in Feet/Inches or Meters At least one format of Height/Weight in English or Metric is required	Valid values are ≥ 0 and ≤ 11	Numeric length 2
Height* in meters	Required for import (Height must be in Feet/Inches or Meters At least one format of Height/Weight in English or Metric is required	Valid values are > 0 and ≤ 2.44	Numeric decimal (6,3) 999.999
Weight* in pounds	Required for import; (Weight must be in Pounds or Kilograms) At least one format of Height/Weight in English or Metric is required	Valid values are > 0 and ≤ 999.99	Numeric decimal (5,2) 999.99
Weight* in kilograms	Required for import; (Weight must be in Pounds or Kilograms) At least one format of Height/Weight in English or Metric is required	Valid values are > 0 and ≤ 453.55	Numeric decimal (5,2) 999.99
Diabetes mellitus	Required	Y – Yes N – No	Character length 1

Field	Requirement	Values	Format†
Comments	Optional		Character length 1000
Custom fields 1-14	Optional		Format and order according to custom field set up and sort order, per procedure code: Alphanumeric field length = 15 character Numeric field length decimal(12,3) 999999999.999 Date field = mm/dd/yyyy
Medicare beneficiary number	Optional		Character length 15
Custom fields 15-50	Optional		Format and order according to custom field set up and sort order, per procedure code: Alphanumeric field length = 15 character Numeric field length decimal(12,3) 999999999.999 Date field = mm/dd/yyyy
CPT	Required	CPT code must be a valid code as listed in the NHSN Operative Procedures Category list	Field length = 5 alphanumeric

* Values for weight and height can be either in pounds and feet/inches or in kilograms and meters.

**For further clarification of each field, please refer to [xxxx](#) of the NHSN Manual: Outpatient Procedure Component Protocol, available at [xxxx](#).

† The character length for non-date fields represents the *maximum* number of characters allowed, provided the appropriate values are imported according to the NHSN protocols. Values with a shorter character length may be allowed (e.g., the patient ID can be less than 15 characters).

NHSN Procedure Codes for Outpatient Procedure Component

Code	Operative Procedure	Description	Multiple	Outpatient Procedure
AMP	Limb amputation	Total or partial amputation or disarticulation of the upper or lower limbs, including digits	4	Out
APPY	Appendix surgery	Operation of appendix (not incidental to another procedure)		Out
AVSD	Shunt for dialysis	Arteriovenostomy for renal dialysis		Out
BILI	Bile duct, liver or pancreatic surgery	Excision of bile ducts or operative procedures on the biliary tract, liver or pancreas (does not include operations only on gallbladder)		Out
BRST	Breast surgery	Excision of lesion or tissue of breast including radical, modified, or quadrant resection, lumpectomy, incisional biopsy, or mammoplasty.	2	Out
CEA	Carotid endarterectomy	Carotid endarterectomy on vessels of head and neck (includes carotid artery and jugular vein)	2	Out
CHOL	Gallbladder surgery	Cholecystectomy and cholecystostomy		Out
COLO	Colon surgery	Incision, resection, or anastomosis of the large intestine; includes large-to-small and small-to-large bowel anastomosis; does not include rectal operations		Out
CSEC	Cesarean section	Obstetrical delivery by Cesarean section		Out
FUSN	Spinal fusion	Immobilization of spinal column	4	Out
FX	Open reduction of fracture	Open reduction of fracture or dislocation of long bones with or without internal or external fixation; does not include placement of joint prosthesis	4	Out



Code	Operative Procedure	Description	Multiple	Outpatient Procedure
GAST	Gastric surgery	Incision or excision of stomach; includes subtotal or total gastrectomy; does not include vagotomy and fundoplication		Out
HER	Herniorrhaphy	Repair of inguinal, femoral, umbilical, or anterior abdominal wall hernia; does not include repair of diaphragmatic or hiatal hernia or hernias at other body sites.	5	Out
HPRO	Hip prosthesis	Arthroplasty of hip	2	Out
HYST	Abdominal hysterectomy	Abdominal hysterectomy; includes that by laparoscope		Out
KPRO	Knee prosthesis	Arthroplasty of knee	2	Out
LAM	Laminectomy	Exploration or decompression of spinal cord through excision or incision into vertebral structures	2	Out
NECK	Neck surgery	Major excision or incision of the larynx and radical neck dissection; does not include thyroid and parathyroid operations.		Out
NEPH	Kidney surgery	Resection or manipulation of the kidney with or without removal of related structures	2	Out
OVRV	Ovarian surgery	Operations on ovary and related structures	2	Out
PACE	Pacemaker surgery	Insertion, manipulation or replacement of pacemaker		Out
PRST	Prostate surgery	Suprapubic, retropubic, radical, or perineal excision of the prostate; does not include transurethral resection of the prostate.		Out
PVBY	Peripheral vascular bypass surgery	Bypass operations on peripheral arteries	4	Out
REC	Rectal surgery	Operations on rectum		Out
SB	Small bowel surgery	Incision or resection of the small intestine; does not include small-to-large bowel anastomosis		Out
SPLE	Spleen surgery	Resection or manipulation of spleen		Out

Code	Operative Procedure	Description	Multiple	Outpatient Procedure
THOR	Thoracic surgery	Noncardiac, nonvascular thoracic surgery; includes pneumonectomy and or hiatal hernia repair or diaphragmatic hernia repair (except through abdominal approach)		Out
THYR	Thyroid and/or parathyroid surgery	Resection or manipulation of thyroid and/or parathyroid		Out
VHYS	Vaginal hysterectomy	Vaginal hysterectomy; includes that by laparoscope		Out
VSHN	Ventricular shunt	Ventricular shunt operations, including revision and removal of shunt		Out
XLAP	Abdominal surgery	Abdominal operations not involving the gastrointestinal tract or biliary system; includes diaphragmatic hernia repair through abdominal approach		Out
Custom	Custom procedure		5	