
Table of Contents

Inpatient Fee-For-Service	1
Inpatient Fee-For-Service Base Claims	1
Inpatient Fee-For-Service Revenue Center	21
Inpatient Fee-For-Service Span Codes	24
Inpatient Fee-For-Service Condition Codes	25
Inpatient Fee-For-Service Value Codes	26
Inpatient Fee-For-Service Occurrence Codes	27
Inpatient Fee-For-Service Demonstration Codes	28
Inpatient Encounter	29
Inpatient Encounter Base Claims	29
Inpatient Encounter Revenue Center	41
Inpatient Encounter Span Codes	43
Inpatient Encounter Condition Codes	44
Inpatient Encounter Value Codes	45
Inpatient Encounter Occurrence Codes	46

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Base	Char	
PATIENT_ID	NHCS Patient ID	Base	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Base	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Base	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Base	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Base	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
NCH_NEAR_LINE_REC_IDENT_CD	NCH Near Line Record Identification Code	Base	Char	
NCH_CLM_TYPE_CD	NCH Claim Type Code	Base	Char	
CLM_FROM_DT	Claim From Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_THRU_DT	Claim Through Date (Determines Year of Claim)	Base	Num	Date provided in SAS date (numeric) format.
NCH_WKLY_PROC_DT	NCH Weekly Claim Processing Date	Base	Num	Date provided in SAS date (numeric) format.
FI_CLM_PROC_DT	FI Claim Process Date	Base	Num	Date provided in SAS date (numeric) format.
CLAIM_QUERY_CODE	Claim Query Code	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
PRVDR_NUM	Provider Number	Base	Char	
CLM_FAC_TYPE_CD	Claim Facility Type Code	Base	Char	
CLM_SRVC_CLSFCTN_TYPE_CD	Claim Service classification Type Code	Base	Char	
CLM_FREQ_CD	Claim Frequency Code	Base	Char	
FI_NUM	FI Number	Base	Char	
CLM_MDCR_NON_PMT_RSN_CD	Claim Medicare Non Payment Reason Code	Base	Char	Payment, in dollars.
CLM_PMT_AMT	Claim Payment Amt	Base	Num	Payment/Charged Amount, in dollars.
NCH_PRMRY_PYR_CLM_PD_AMT	NCH Primary Payer Claim Paid Amt	Base	Num	Payment/Charged Amount, in dollars.
NCH_PRMRY_PYR_CD	NCH Primary Payer Code	Base	Char	
FI_CLM_ACTN_CD	FI Claim Action Code	Base	Char	
PRVDR_STATE_CD	NCH Provider State Code	Base	Char	
ORG_NPI_NUM	Organization NPI Number	Base	Char	
AT_PHYSN_UPIN	Claim Attending Physician UPIN Number	Base	Char	
AT_PHYSN_NPI	Claim Attending Physician NPI Number	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
AT_PHYSN_SPCLTY_CD	Claim Attending Physician Specialty Code	Base	Char	
OP_PHYSN_UPIN	Claim Operating Physician UPIN Number	Base	Char	
OP_PHYSN_NPI	Claim Operating Physician NPI Number	Base	Char	
OP_PHYSN_SPCLTY_CD	Claim Operating Physician Specialty Code	Base	Char	
OT_PHYSN_UPIN	Claim Other Physician UPIN Number	Base	Char	
OT_PHYSN_NPI	Claim Other Physician NPI Number	Base	Char	
OT_PHYSN_SPCLTY_CD	Claim Other Physician Specialty Code	Base	Char	
RNDRNG_PHYSN_NPI	Claim Rendering Physician NPI	Base	Char	
RNDRNG_PHYSN_SPCLTY_CD	Claim Rendering Physician Specialty Code	Base	Char	
CLM_MCO_PD_SW	Claim MCO Paid Switch	Base	Char	
PTNT_DSCHRG_STUS_CD	Patient Discharge Status Code	Base	Char	
CLM_PPS_IND_CD	Claim PPS Indicator Code	Base	Char	
CLM_TOT_CHRG_AMT	Claim Total Charge Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_ADMSN_DT	Claim Admission Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_IP_ADMSN_TYPE_CD	Claim Inpatient Admission Type Code	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_SRC_IP_ADMSN_CD	Claim Source Inpatient Admission Code	Base	Char	
NCH_PTNT_STATUS_IND_CD	NCH Patient Status Indicator Code	Base	Char	
CLM_PASS_THRU_PER_DIEM_AMT	Claim Pass Thru Per Diem Amt	Base	Num	Payment/Charged Amount, in dollars.
NCH_BENE_IP_DDCTBL_AMT	NCH Beneficiary Inpatient Deductible Amt	Base	Num	Payment/Charged Amount, in dollars.
NCH_BENE_PTA_COINSRNC_LBLTY_AM	NCH Beneficiary Part A Coinsurance Liability Amt	Base	Num	Payment/Charged Amount, in dollars.
NCH_BENE_BLOOD_DDCTBL_LBLTY_AM	NCH Beneficiary Blood Deductible Liability Amt	Base	Num	Payment/Charged Amount, in dollars.
NCH_PROFNL_CMPNT_CHRG_AMT	NCH Professional Component Charge	Base	Num	Payment/Charged Amount, in dollars.
NCH_IP_NCVRD_CHRG_AMT	NCH Inpatient Noncovered Charge	Base	Num	Payment/Charged Amount, in dollars.
NCH_IP_TOT_DDCTN_AMT	NCH Inpatient Total Deduction Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_TOT_PPS_CPTL_AMT	Claim Total PPS Capital Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_PPS_CPTL_FSP_AMT	Claim PPS Capital FSP Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_PPS_CPTL_OUTLIER_AMT	Claim PPS Capital Outlier Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_PPS_CPTL_DSPRPRTNT_SHR_AMT	Claim PPS Capital Disproportionate Share Amt	Base	Num	Payment/Charged Amount, in dollars.

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_PPS_CPTL_IME_AMT	Claim PPS Capital IME Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_PPS_CPTL_EXCPTN_AMT	Claim PPS Capital Exception Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_PPS_OLD_CPTL_HLD_HRMLS_AMT	Claim PPS Old Capital Hold Harmless Amt	Base	Num	Payment/Charged Amount, in dollars.
CLM_PPS_CPTL_DRG_WT_NUM	Claim PPS Capital DRG Weight Number	Base	Num	
CLM_UTLZTN_DAY_CNT	Claim Utilization Day Count	Base	Num	Number of days (count)
BENE_TOT_COINSRNC_DAYS_CNT	Beneficiary Total Coinsurance Days Count	Base	Num	Number of days (count)
BENE_LRD_USED_CNT	Beneficiary LRD Used Count	Base	Num	Number of days (count)
CLM_NON_UTLZTN_DAYS_CNT	Claim Non Utilization Days Count	Base	Num	Number of days (count)
NCH_BLOOD_PNTS_FRNSHD_QTY	NCH Blood Pints Furnished Quantity	Base	Num	
NCH_VRFD_NCVRD_STAY_FROM_DT	NCH Verified Noncovered Stay From Date	Base	Num	Date provided in SAS date (numeric) format.
NCH_VRFD_NCVRD_STAY_THRU_DT	NCH Verified Noncovered Stay Through Date	Base	Num	Date provided in SAS date (numeric) format.
NCH_ACTV_OR_CVRD_LVL_CARE_THRU	NCH Active or Covered Level Care Thru Date	Base	Num	Date provided in SAS date (numeric) format.
NCH_BENE_MDCR_BNFTS_EXHTD_DT_I	NCH Beneficiary Medicare Benefits Exhausted Date	Base	Num	Date provided in SAS date (numeric) format.

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
NCH_BENE_DSCHRG_DT	NCH Beneficiary Discharge Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_DRG_CD	Claim Diagnosis Related Group Code	Base	Char	
CLM_DRG_OUTLIER_STAY_CD	Claim Diagnosis Related Group Outlier Stay Code	Base	Char	
NCH_DRG_OUTLIER_APRVD_PMT_AMT	NCH DRG Outlier Approved Payment Amt	Base	Num	Payment/Charged Amount, in dollars.
ADMTG_DGNS_CD	Claim Admitting Diagnosis Code	Base	Char	
PRNCPAL_DGNS_CD	Claim Principal Diagnosis Code	Base	Char	
ICD_DGNS_CD1	Claim Diagnosis Code I	Base	Char	
CLM_POA_IND_SW1	Claim Diagnosis Code I Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD2	Claim Diagnosis Code II	Base	Char	
CLM_POA_IND_SW2	Claim Diagnosis Code II Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD3	Claim Diagnosis Code III	Base	Char	
CLM_POA_IND_SW3	Claim Diagnosis Code III Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD4	Claim Diagnosis Code IV	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_POA_IND_SW4	Claim Diagnosis Code IV Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD5	Claim Diagnosis Code V	Base	Char	
CLM_POA_IND_SW5	Claim Diagnosis Code V Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD6	Claim Diagnosis Code VI	Base	Char	
CLM_POA_IND_SW6	Claim Diagnosis Code VI Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD7	Claim Diagnosis Code VII	Base	Char	
CLM_POA_IND_SW7	Claim Diagnosis Code VII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD8	Claim Diagnosis Code VIII	Base	Char	
CLM_POA_IND_SW8	Claim Diagnosis Code VIII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD9	Claim Diagnosis Code IX	Base	Char	
CLM_POA_IND_SW9	Claim Diagnosis Code IX Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD10	Claim Diagnosis Code X	Base	Char	
CLM_POA_IND_SW10	Claim Diagnosis Code X Diagnosis Present on Admission Indicator Code	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
ICD_DGNS_CD11	Claim Diagnosis Code XI	Base	Char	
CLM_POA_IND_SW11	Claim Diagnosis Code XI Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD12	Claim Diagnosis Code XII	Base	Char	
CLM_POA_IND_SW12	Claim Diagnosis Code XII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD13	Claim Diagnosis Code XIII	Base	Char	
CLM_POA_IND_SW13	Claim Diagnosis Code XIII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD14	Claim Diagnosis Code XIV	Base	Char	
CLM_POA_IND_SW14	Claim Diagnosis Code XIV Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD15	Claim Diagnosis Code XV	Base	Char	
CLM_POA_IND_SW15	Claim Diagnosis Code XV Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD16	Claim Diagnosis Code XVI	Base	Char	
CLM_POA_IND_SW16	Claim Diagnosis Code XVI Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD17	Claim Diagnosis Code XVII	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_POA_IND_SW17	Claim Diagnosis Code XVII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD18	Claim Diagnosis Code XVIII	Base	Char	
CLM_POA_IND_SW18	Claim Diagnosis Code XVIII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD19	Claim Diagnosis Code XIX	Base	Char	
CLM_POA_IND_SW19	Claim Diagnosis Code XIX Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD20	Claim Diagnosis Code XX	Base	Char	
CLM_POA_IND_SW20	Claim Diagnosis Code XX Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD21	Claim Diagnosis Code XXI	Base	Char	
CLM_POA_IND_SW21	Claim Diagnosis Code XXI Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD22	Claim Diagnosis Code XXII	Base	Char	
CLM_POA_IND_SW22	Claim Diagnosis Code XXII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD23	Claim Diagnosis Code XXIII	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_POA_IND_SW23	Claim Diagnosis Code XXIII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD24	Claim Diagnosis Code XXIV	Base	Char	
CLM_POA_IND_SW24	Claim Diagnosis Code XXIV Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_CD25	Claim Diagnosis Code XXV	Base	Char	
CLM_POA_IND_SW25	Claim Diagnosis Code XXV Diagnosis Present on Admission Indicator Code	Base	Char	
FST_DGNS_E_CD	First Claim Diagnosis E Code	Base	Char	
ICD_DGNS_E_CD1	Claim Diagnosis E Code I	Base	Char	
CLM_E_POA_IND_SW1	Claim Diagnosis E Code I Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD2	Claim Diagnosis E Code II	Base	Char	
CLM_E_POA_IND_SW2	Claim Diagnosis E Code II Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD3	Claim Diagnosis E Code III	Base	Char	
CLM_E_POA_IND_SW3	Claim Diagnosis E Code III Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD4	Claim Diagnosis E Code IV	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_E_POA_IND_SW4	Claim Diagnosis E Code IV Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD5	Claim Diagnosis E Code V	Base	Char	
CLM_E_POA_IND_SW5	Claim Diagnosis E Code V Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD6	Claim Diagnosis E Code VI	Base	Char	
CLM_E_POA_IND_SW6	Claim Diagnosis E Code VI Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD7	Claim Diagnosis E Code VII	Base	Char	
CLM_E_POA_IND_SW7	Claim Diagnosis E Code VII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD8	Claim Diagnosis E Code VIII	Base	Char	
CLM_E_POA_IND_SW8	Claim Diagnosis E Code VIII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD9	Claim Diagnosis E Code IX	Base	Char	
CLM_E_POA_IND_SW9	Claim Diagnosis E Code IX Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD10	Claim Diagnosis E Code X	Base	Char	
CLM_E_POA_IND_SW10	Claim Diagnosis E Code X Diagnosis Present on Admission Indicator Code	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
ICD_DGNS_E_CD11	Claim Diagnosis E Code XI	Base	Char	
CLM_E_POA_IND_SW11	Claim Diagnosis E Code XI Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_DGNS_E_CD12	Claim Diagnosis E Code XII	Base	Char	
CLM_E_POA_IND_SW12	Claim Diagnosis E Code XII Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_PRCDR_CD1	Claim Procedure Code I	Base	Char	
PRCDR_DT1	Claim Procedure Code I Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD2	Claim Procedure Code II	Base	Char	
PRCDR_DT2	Claim Procedure Code II Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD3	Claim Procedure Code III	Base	Char	
PRCDR_DT3	Claim Procedure Code III Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD4	Claim Procedure Code IV	Base	Char	
PRCDR_DT4	Claim Procedure Code IV Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD5	Claim Procedure Code V	Base	Char	
PRCDR_DT5	Claim Procedure Code V Date	Base	Num	Date provided in SAS date (numeric) format.

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
ICD_PRCDR_CD6	Claim Procedure Code VI	Base	Char	
PRCDR_DT6	Claim Procedure Code VI Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD7	Claim Procedure Code VII	Base	Char	
PRCDR_DT7	Claim Procedure Code VII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD8	Claim Procedure Code VIII	Base	Char	
PRCDR_DT8	Claim Procedure Code VIII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD9	Claim Procedure Code IX	Base	Char	
PRCDR_DT9	Claim Procedure Code IX Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD10	Claim Procedure Code X	Base	Char	
PRCDR_DT10	Claim Procedure Code X Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD11	Claim Procedure Code XI	Base	Char	
PRCDR_DT11	Claim Procedure Code XI Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD12	Claim Procedure Code XII	Base	Char	
PRCDR_DT12	Claim Procedure Code XII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD13	Claim Procedure Code XIII	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
PRCDR_DT13	Claim Procedure Code XIII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD14	Claim Procedure Code XIV	Base	Char	
PRCDR_DT14	Claim Procedure Code XIV Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD15	Claim Procedure Code XV	Base	Char	
PRCDR_DT15	Claim Procedure Code XV Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD16	Claim Procedure Code XVI	Base	Char	
PRCDR_DT16	Claim Procedure Code XVI Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD17	Claim Procedure Code XVII	Base	Char	
PRCDR_DT17	Claim Procedure Code XVII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD18	Claim Procedure Code XVIII	Base	Char	
PRCDR_DT18	Claim Procedure Code XVIII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD19	Claim Procedure Code XIX	Base	Char	
PRCDR_DT19	Claim Procedure Code XIX Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD20	Claim Procedure Code XX	Base	Char	
PRCDR_DT20	Claim Procedure Code XX Date	Base	Num	Date provided in SAS date (numeric) format.

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
ICD_PRCDR_CD21	Claim Procedure Code XXI	Base	Char	
PRCDR_DT21	Claim Procedure Code XXI Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD22	Claim Procedure Code XXII	Base	Char	
PRCDR_DT22	Claim Procedure Code XXII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD23	Claim Procedure Code XXIII	Base	Char	
PRCDR_DT23	Claim Procedure Code XXIII Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD24	Claim Procedure Code XXIV	Base	Char	
PRCDR_DT24	Claim Procedure Code XXIV Date	Base	Num	Date provided in SAS date (numeric) format.
ICD_PRCDR_CD25	Claim Procedure Code XXV	Base	Char	
PRCDR_DT25	Claim Procedure Code XXV Date	Base	Num	Date provided in SAS date (numeric) format.
IME_OP_CLM_VAL_AMT	Operating Indirect Medical Education (IME) Amount	Base	Num	Payment/Charged Amount, in dollars.
DSH_OP_CLM_VAL_AMT	Operating Disproportionate Share Amount	Base	Num	Payment/Charged Amount, in dollars.
DOB_DT	Date of Birth from Claim (Date)	Base	Num	Date provided in SAS date (numeric) format.
SEX_CD	Sex Code From Claims	Base	Char	
BENE_RACE_CD	Race Code from Claim	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
BENE_CNTY_CD	County Code from Claim (SSA)	Base	Char	
BENE_STATE_CD	State Code from Claim (SSA)	Base	Char	
BENE_MLG_CNTCT_ZIP_CD	Zip Code of Residence from Claim	Base	Char	
CLM_MDCL_REC	Claim Medical Record Number	Base	Char	
CLM_TRTMT_AUTHRZTN_NUM	Claim Treatment Authorization Number	Base	Char	
CLM_PRCR_RTRN_CD	Claim Pricer Return Code	Base	Char	
CLM_SRVC_FAC_ZIP_CD	Claim Service Facility ZIP Code	Base	Char	
CLM_IP_LOW_VOL_PMT_AMT	Claim Inpatient Low Volume Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_CARE_IMPRVMT_MODEL_CD1	Claim Care Improvement Model Code 1	Base	Char	
CLM_CARE_IMPRVMT_MODEL_CD2	Claim Care Improvement Model Code 2	Base	Char	
CLM_CARE_IMPRVMT_MODEL_CD3	Claim Care Improvement Model Code 3	Base	Char	
CLM_CARE_IMPRVMT_MODEL_CD4	Claim Care Improvement Model Code 4	Base	Char	
CLM_BNDLD_MODEL_1_DSCNT_PCT	Claim Bundled Model 1 Discount Percent	Base	Num	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
CLM_BASE_OPRTG_DRG_AMT	Claim Base Operating DRG Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_VBP_PRTCPNT_IND_CD	Claim VBP Participant Indicator Code	Base	Char	
CLM_VBP_ADJSTMT_PCT	Claim VBP Adjustment Percent	Base	Num	
CLM_HRR_PRTCPNT_IND_CD	Claim HRR Participant Indicator Code	Base	Char	
CLM_HRR_ADJSTMT_PCT	Claim HRR Adjustment Percent	Base	Num	
CLM_MODEL_4_READMSN_IND_CD	Claim Model 4 Readmission Indicator Code	Base	Char	
CLM_UNCOMPED_CARE_PMT_AMT	Claim Uncompensated Care Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_BNDLD_ADJSTMT_PMT_AMT	Claim Bundled Adjustment Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_VBP_ADJSTMT_PMT_AMT	Claim VBP Adjustment Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_HRR_ADJSTMT_PMT_AMT	Claim HRR Adjustment Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
EHR_PYMT_ADJSTMT_AMT	Electronic Health Record (EHR) Payment Adjustment Amount	Base	Num	Payment/Charged Amount, in dollars.
PPS_STD_VAL_PYMT_AMT	Claim PPS Standard Value Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
FINL_STD_AMT	Claim Final Standard Amount	Base	Num	Payment/Charged Amount, in dollars.

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
HAC_PGM_RDCTN_IND_SW	Hospital Acquired Conditions (HAC) Program Reduction Indicator Switch	Base	Char	
EHR_PGM_RDCTN_IND_SW	Electronic Health Records (EHR) Program Reduction Indicator Code	Base	Char	
CLM_SITE_NTRL_PYMT_CST_AMT	Claim Site Neutral Payment Based On Cost Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_SITE_NTRL_PYMT_IPPS_AMT	Claim Site Neutral Payment Based On IPPS Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_FULL_STD_PYMT_AMT	Claim Full Standard Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_SS_OUTLIER_STD_PYMT_AMT	Claim Short Stay Outlier (SSO) Standard Payment Amount	Base	Num	Payment/Charged Amount, in dollars.
CLM_NEXT_GNRTN_ACO_IND_CD1	Claim Next Generation Accountable Care Organization Indicator Code 1	Base	Char	
CLM_NEXT_GNRTN_ACO_IND_CD2	Claim Next Generation Accountable Care Organization Indicator Code 2	Base	Char	
CLM_NEXT_GNRTN_ACO_IND_CD3	Claim Next Generation Accountable Care Organization Indicator Code 3	Base	Char	
CLM_NEXT_GNRTN_ACO_IND_CD4	Claim Next Generation Accountable Care Organization Indicator Code 4	Base	Char	
CLM_NEXT_GNRTN_ACO_IND_CD5	Claim Next Generation Accountable Care Organization Indicator Code 5	Base	Char	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
ACO_ID_NUM	Claim Accountable Care Organization (ACO) Identification Number	Base	Char	
CLM_BENE_ID_TYPE_CD	For CMS Internal Use Only	Base	Char	
CLM_RSDL_PYMT_IND_CD	Claim Residual Payment Indicator Code	Base	Char	
CLM_RP_IND_CD	Claim Representative Payee (RP) Indicator Code	Base	Char	
PRVDR_VLDTN_TYPE_CD	Provider Validation Type Code	Base	Char	
RR_BRD_EXCLSN_IND_SW	Railroad Board Exclusion Indicator Switch	Base	Char	
CLM_IP_INITL_MS_DRG_CD	Claim Inpatient Initial MS DRG Code	Base	Char	
CLM_MODEL_REIMBRSMT_AMT	Claim Model Reimbursement Amount	Base	Num	Payment/Charged Amount, in dollars.
LTCH_DSCHRG_PYMT_ADJSTMT_AMT	LTCH Discharge Payment Adjustment Amount	Base	Num	Payment/Charged Amount, in dollars.
OWNG_PRVDR_TIN_NUM	Owning Provider Tax Identification Number (TIN)	Base	Char	
CLM_ADJUST_GRP_CD	Claim Adjustment Group Code	Base	Char	
CLM_ADJUST_RSN_CD	Claim Adjustment Reason Code	Base	Char	
CLM_PRCR_VRSN_CD	Claim Pricer Version Code	Base	Char	
MS_DRG_GRP_VRSN_CD	MS-DRG Grouper Version Code	Base	Char	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Base Claims
Number of Variables: 256

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
PRVDR_FULL_CCN_NUM	Full CMS Certification Number for Provider	Base	Char	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Revenue Center
Number of Variables: 29

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Revenue Center	Char	
PATIENT_ID	NHCS Patient ID	Revenue Center	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Revenue Center	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Revenue Center	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Revenue Center	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Revenue Center	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
CLM_THRU_DT	Claim Through Date (Determines Year of Claim)	Revenue Center	Num	Date provided in SAS date (numeric) format.
CLM_LINE_NUM	Claim Line Number	Revenue Center	Num	
NCH_CLM_TYPE_CD	NCH Claim Type Code	Revenue Center	Char	
REV_CNTR	Revenue Center Code	Revenue Center	Char	
HCPCS_CD	Revenue Center Healthcare Common Procedure Coding System	Revenue Center	Char	
HCPCS_1ST_MDFR_CD	Revenue Center HCPCS Initial Modifier Code	Revenue Center	Char	
HCPCS_2ND_MDFR_CD	Revenue Center HCPCS Second Modifier Code	Revenue Center	Char	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Revenue Center
Number of Variables: 29

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
HPCPS_3RD_MDFR_CD	Revenue Center HCPCS Third Modifier Code	Revenue Center	Char	
REV_CNTR_UNIT_CNT	Revenue Center Unit Count	Revenue Center	Num	Number of units (count)
REV_CNTR_RATE_AMT	Revenue Center Rate Amount	Revenue Center	Num	Payment/Charged Amount, in dollars.
REV_CNTR_TOT_CHRG_AMT	Revenue Center Total Charge Amount	Revenue Center	Num	Payment/Charged Amount, in dollars.
REV_CNTR_NCVRD_CHRG_AMT	Revenue Center Non-Covered Charge Amount	Revenue Center	Num	Payment/Charged Amount, in dollars.
REV_CNTR_DDCTBL_COINSRNC_CD	Revenue Center Deductible Coinsurance Code	Revenue Center	Char	
REV_CNTR_NDC_QTY	Revenue Center NDC Quantity	Revenue Center	Num	The unit of measurement for the drug that was administered (e.g., grams, liters) is indicated in the variable called REV_CNTR_NDC_QTY_QLFR_CD.
REV_CNTR_NDC_QTY_QLFR_CD	Revenue Center NDC Quantity Qualifier Code	Revenue Center	Char	
RNDRNG_PHYSN_UPIN	Revenue Center Rendering Physician UPIN	Revenue Center	Char	
RNDRNG_PHYSN_NPI	Revenue Center Rendering Physician NPI	Revenue Center	Char	
RNDRNG_PHYSN_SPCLTY_CD	Revenue Center Rendering Physician Specialty Code	Revenue Center	Char	
REV_CNTR_IDE_NDC_UPC_NUM	Revenue Center IDE, NDC, UPC Number	Revenue Center	Char	
REV_CNTR_PRCNG_IND_CD	Revenue Center Pricing Indicator Code	Revenue Center	Char	
THRPY_CAP_IND_CD1	Revenue Center Therapy Cap Indicator Code 1	Revenue Center	Char	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Revenue Center
Number of Variables: 29

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
THRPY_CAP_IND_CD2	Revenue Center Therapy Cap Indicator Code 2	Revenue Center	Char	
RC_MODEL_REIMBRSMT_AMT	Revenue Center Model Reimbursement Amount	Revenue Center	Num	Payment/Charged Amount, in dollars.

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Span Codes
Number of Variables: 11

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Span Code	Char	
PATIENT_ID	NHCS Patient ID	Span Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Span Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Span Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Span Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Span Code	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
NCH_CLM_TYPE_CD	NCH Claim Type Code	Span Code	Char	
RLT_SPAN_CD_SEQ	Claim Related Span Code Sequence	Span Code	Char	
CLM_SPAN_CD	Claim Occurrence Span Code	Span Code	Char	
CLM_SPAN_FROM_DT	Claim Occurrence Span From Date	Span Code	Num	Date provided in SAS date (numeric) format.
CLM_SPAN_THRU_DT	Claim Occurrence Span Through Date	Span Code	Num	Date provided in SAS date (numeric) format.

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Condition Codes
Number of Variables: 9

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Condition Code	Char	
PATIENT_ID	NHCS Patient ID	Condition Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Condition Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Condition Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Condition Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Condition Code	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
NCH_CLM_TYPE_CD	NCH Claim Type Code	Condition Code	Char	
RLT_COND_CD_SEQ	Claim Related Condition Code Sequence	Condition Code	Char	
CLM_RLT_COND_CD	Claim Related Condition Code	Condition Code	Char	

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Value Codes
Number of Variables: 10

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Value Code	Char	
PATIENT_ID	NHCS Patient ID	Value Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Value Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Value Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Value Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Value Code	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
NCH_CLM_TYPE_CD	NCH Claim Type Code	Value Code	Char	
RLT_VAL_CD_SEQ	Claim Related Value Code Sequence	Value Code	Char	
CLM_VAL_CD	Claim Value Code	Value Code	Char	
CLM_VAL_AMT	Claim Value Amount	Value Code	Num	Payment/Charged Amount, in dollars.

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Occurrence Codes
Number of Variables: 10

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Occurrence Code	Char	
PATIENT_ID	NHCS Patient ID	Occurrence Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Occurrence Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Occurrence Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Occurrence Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Occurrence Code	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
NCH_CLM_TYPE_CD	NCH Claim Type Code	Occurrence Code	Char	
RLT_OCRNC_CD_SEQ	Claim Related Occurrence Code Sequence	Occurrence Code	Char	
CLM_RLT_OCRNC_CD	Claim Related Occurrence Code	Occurrence Code	Char	
CLM_RLT_OCRNC_DT	Claim Related Occurrence Date	Occurrence Code	Num	Date provided in SAS date (numeric) format.

For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

**Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Fee-For-Service Demonstration Codes
Number of Variables: 10**

**Document Version Date: March 30, 2026
Data Release Date: December 10, 2025**

Variable Name	Variable (VAR) Label	IP FFS File Type	VAR Type	Value Description
SURVEY	Survey Name	Demo Code	Char	
PATIENT_ID	NHCS Patient ID	Demo Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Demo Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Demo Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Fee-for-Service Claim (YYYY)	Demo Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_CLM_ID	NCHS Claim Id	Demo Code	Num	Masked version of the CCW unique claim identifier (CLM_ID) assigned by NCHS for the linked files. This variable is necessary to merge FFS claims information across files.
NCH_CLM_TYPE_CD	NCH Claim Type Code	Demo Code	Char	
DEMO_ID_SQNC_NUM	Claim Demonstration Sequence	Demo Code	Num	
DEMO_ID_NUM	Claim Demonstration Identification Number	Demo Code	Char	
DEMO_INFO_TXT	Claim Demonstration Information Text	Demo Code	Char	

**For additional information on variables in FFS claims files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>**

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
SURVEY	Survey Name	Base	Char	
PATIENT_ID	NHCS Patient ID	Base	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Base	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Base	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Base	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_ENC_JOIN_KEY	NCHS Encounter Join Key	Base	Num	Masked version of the CCW unique encounter join key (ENC_JOIN_KEY) assigned by NCHS for the linked files. This variable is necessary to merge MA encounter information across files.
CLM_TYPE_CD	Claim Type Code	Base	Char	
CLM_FROM_DT	Claim From Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_THRU_DT	Claim Through Date (Determines Year of Claim)	Base	Num	Date provided in SAS date (numeric) format.
SRVC_MONTH	Service Month	Base	Num	Date provided in SAS date (numeric) format.
CLM_CHRT_RVW_SW	Claim Chart Review Switch	Base	Char	
NCHS_CLM_CNTL_NUM	NCHS Claim Control Number	Base	Num	Masked version of the claim control number (CLM_CNTL_NUM) assigned by NCHS for the linked files.
NCHS_CLM_ORIG_CNTL_NUM	NCHS Claim Original Control Number	Base	Num	Masked version of the original claim control number (CLM_ORIG_CNTL_NUM) assigned by NCHS for the linked files.

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
CLM_FINL_ACTN_IND	Claim Final Action Indicator	Base	Char	
CLM_LTST_CLM_IND	Latest Claim Indicator	Base	Char	
EDPS_CREATE_DT	Encounter Data Processing System (EDPS) Create Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_RCPT_DT	Claim Receipt Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_FAC_TYPE_CD	Claim Facility Type Code	Base	Char	
CLM_SRVC_CLSFCTN_TYPE_CD	Claim Service classification Type Code	Base	Char	
CLM_FREQ_CD	Claim Frequency Code	Base	Char	
CNTRCT_NUM	Medicare Part C Contract Number	Base	Char	
CNTRCT_PBP_NUM	Medicare Part C Plan Benefit Package (PBP) Number	Base	Char	
CLM_MDCL_REC	Claim Medical Record Number	Base	Char	
ORG_NPI	Organization NPI Number	Base	Char	
ORG_TXNMY_CD	Organization Taxonomy Code	Base	Char	
RNDRNG_PHYSN_NPI	Claim Rendering Physician NPI	Base	Char	
AT_PHYSN_NPI	Claim Attending Physician NPI Number	Base	Char	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
AT_PHYSN_TXNMY_CD	Claim Attending Physician Taxonomy Code	Base	Char	
OP_PHYSN_NPI	Claim Operating Physician NPI Number	Base	Char	
OT_PHYSN_NPI	Claim Other Physician NPI Number	Base	Char	
CLM_ADMSN_DT	Claim Admission Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_IP_ADMSN_TYPE_CD	Claim Inpatient Admission Type Code	Base	Char	
CLM_SRC_IP_ADMSN_CD	Claim Source Inpatient Admission Code	Base	Char	
PTNT_DSCHRG_STUS_CD	Patient Discharge Status Code	Base	Char	
CLM_DAY_CNT	Day Count (Length of Stay)	Base	Num	Number of days (count)
BENE_DSCHRG_DT	Beneficiary Discharge Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_DRG_CD	Claim Diagnosis Related Group Code	Base	Char	
DRVD_DRG_CD	Derived MS-Diagnosis Related Group Code (MS-DRG)	Base	Char	
ADMTG_DGNS_CD	Claim Admitting Diagnosis Code	Base	Char	
PRNCPAL_DGNS_CD	Claim Principal Diagnosis Code	Base	Char	
ICD_DGNS_CD1	Claim Diagnosis Code I	Base	Char	
ICD_DGNS_CD2	Claim Diagnosis Code II	Base	Char	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
ICD_DGNS_CD3	Claim Diagnosis Code III	Base	Char	
ICD_DGNS_CD4	Claim Diagnosis Code IV	Base	Char	
ICD_DGNS_CD5	Claim Diagnosis Code V	Base	Char	
ICD_DGNS_CD6	Claim Diagnosis Code VI	Base	Char	
ICD_DGNS_CD7	Claim Diagnosis Code VII	Base	Char	
ICD_DGNS_CD8	Claim Diagnosis Code VIII	Base	Char	
ICD_DGNS_CD9	Claim Diagnosis Code IX	Base	Char	
ICD_DGNS_CD10	Claim Diagnosis Code X	Base	Char	
ICD_DGNS_CD11	Claim Diagnosis Code XI	Base	Char	
ICD_DGNS_CD12	Claim Diagnosis Code XII	Base	Char	
ICD_DGNS_CD13	Claim Diagnosis Code XIII	Base	Char	
ICD_DGNS_CD14	Claim Diagnosis Code XIV	Base	Char	
ICD_DGNS_CD15	Claim Diagnosis Code XV	Base	Char	
ICD_DGNS_CD16	Claim Diagnosis Code XVI	Base	Char	
ICD_DGNS_CD17	Claim Diagnosis Code XVII	Base	Char	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
ICD_DGNS_CD18	Claim Diagnosis Code XVIII	Base	Char	
ICD_DGNS_CD19	Claim Diagnosis Code XIX	Base	Char	
ICD_DGNS_CD20	Claim Diagnosis Code XX	Base	Char	
ICD_DGNS_CD21	Claim Diagnosis Code XXI	Base	Char	
ICD_DGNS_CD22	Claim Diagnosis Code XXII	Base	Char	
ICD_DGNS_CD23	Claim Diagnosis Code XXIII	Base	Char	
ICD_DGNS_CD24	Claim Diagnosis Code XXIV	Base	Char	
ICD_DGNS_CD25	Claim Diagnosis Code XXV	Base	Char	
CLM_POA_IND_SW1	Claim Diagnosis Code I Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW2	Claim Diagnosis Code II Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW3	Claim Diagnosis Code III Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW4	Claim Diagnosis Code IV Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW5	Claim Diagnosis Code V Diagnosis Present on Admission Indicator Code	Base	Char	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
CLM_POA_IND_SW6	Claim Diagnosis Code VI Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW7	Claim Diagnosis Code VII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW8	Claim Diagnosis Code VIII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW9	Claim Diagnosis Code IX Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW10	Claim Diagnosis Code X Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW11	Claim Diagnosis Code XI Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW12	Claim Diagnosis Code XII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW13	Claim Diagnosis Code XIII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW14	Claim Diagnosis Code XIV Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW15	Claim Diagnosis Code XV Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW16	Claim Diagnosis Code XVI Diagnosis Present on Admission Indicator Code	Base	Char	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
CLM_POA_IND_SW17	Claim Diagnosis Code XVII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW18	Claim Diagnosis Code XVIII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW19	Claim Diagnosis Code XIX Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW20	Claim Diagnosis Code XX Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW21	Claim Diagnosis Code XXI Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW22	Claim Diagnosis Code XXII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW23	Claim Diagnosis Code XXIII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW24	Claim Diagnosis Code XXIV Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_POA_IND_SW25	Claim Diagnosis Code XXV Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_1ST_DGNS_E_CD	First Claim Diagnosis E Code	Base	Char	
ICD_DGNS_E_CD1	Claim Diagnosis E Code I	Base	Char	
ICD_DGNS_E_CD2	Claim Diagnosis E Code II	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
ICD_DGNS_E_CD3	Claim Diagnosis E Code III	Base	Char	
ICD_DGNS_E_CD4	Claim Diagnosis E Code IV	Base	Char	
ICD_DGNS_E_CD5	Claim Diagnosis E Code V	Base	Char	
ICD_DGNS_E_CD6	Claim Diagnosis E Code VI	Base	Char	
ICD_DGNS_E_CD7	Claim Diagnosis E Code VII	Base	Char	
ICD_DGNS_E_CD8	Claim Diagnosis E Code VIII	Base	Char	
ICD_DGNS_E_CD9	Claim Diagnosis E Code IX	Base	Char	
ICD_DGNS_E_CD10	Claim Diagnosis E Code X	Base	Char	
CLM_E_POA_IND_SW1	Claim Diagnosis E Code I Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW2	Claim Diagnosis E Code II Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW3	Claim Diagnosis E Code III Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW4	Claim Diagnosis E Code IV Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW5	Claim Diagnosis E Code V Diagnosis Present on Admission Indicator Code	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
CLM_E_POA_IND_SW6	Claim Diagnosis E Code VI Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW7	Claim Diagnosis E Code VII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW8	Claim Diagnosis E Code VIII Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW9	Claim Diagnosis E Code IX Diagnosis Present on Admission Indicator Code	Base	Char	
CLM_E_POA_IND_SW10	Claim Diagnosis E Code X Diagnosis Present on Admission Indicator Code	Base	Char	
ICD_PRCDR_CD1	Claim Procedure Code I	Base	Char	
ICD_PRCDR_CD2	Claim Procedure Code II	Base	Char	
ICD_PRCDR_CD3	Claim Procedure Code III	Base	Char	
ICD_PRCDR_CD4	Claim Procedure Code IV	Base	Char	
ICD_PRCDR_CD5	Claim Procedure Code V	Base	Char	
ICD_PRCDR_CD6	Claim Procedure Code VI	Base	Char	
ICD_PRCDR_CD7	Claim Procedure Code VII	Base	Char	
ICD_PRCDR_CD8	Claim Procedure Code VIII	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
ICD_PRCDR_CD9	Claim Procedure Code IX	Base	Char	
ICD_PRCDR_CD10	Claim Procedure Code X	Base	Char	
ICD_PRCDR_CD11	Claim Procedure Code XI	Base	Char	
ICD_PRCDR_CD12	Claim Procedure Code XII	Base	Char	
ICD_PRCDR_CD13	Claim Procedure Code XIII	Base	Char	
PRCDR_DT1	Claim Procedure Code I Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT2	Claim Procedure Code II Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT3	Claim Procedure Code III Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT4	Claim Procedure Code IV Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT5	Claim Procedure Code V Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT6	Claim Procedure Code VI Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT7	Claim Procedure Code VII Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT8	Claim Procedure Code VIII Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT9	Claim Procedure Code IX Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT10	Claim Procedure Code X Date	Base	Num	Date provided in SAS date (numeric) format.

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
PRCDR_DT11	Claim Procedure Code XI Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT12	Claim Procedure Code XII Date	Base	Num	Date provided in SAS date (numeric) format.
PRCDR_DT13	Claim Procedure Code XIII Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_OBSLT_DT	Claim Obsolete Date	Base	Num	Date provided in SAS date (numeric) format.
CLM_BPRVDR_CITY_NAME	Billing Provider Address - City	Base	Char	
CLM_BPRVDR_USPS_STATE_CD	Billing Provider Address - USPS State Code	Base	Char	
CLM_BPRVDR_ADR_ZIP_CD	Billing Provider Address - ZIP Code	Base	Char	
CLM_SUBSCR_CITY_NAME	Medicare Subscriber Address - City	Base	Char	
CLM_SUBSCR_USPS_STATE_CD	Medicare Subscriber Address - USPS State Code	Base	Char	
CLM_SUBSCR_ADR_ZIP_CD	Medicare Subscriber Address - ZIP Code	Base	Char	
BENE_CNTY_CD	County Code from Claim (SSA)	Base	Char	
BENE_STATE_CD	State Code from Claim (SSA)	Base	Char	
BENE_MLG_CNTCT_ZIP_CD	Zip Code of Residence from Claim	Base	Char	
SEX_CD	Sex Code From Claims	Base	Char	

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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Base Claims
Number of Variables: 153

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
BENE_RACE_CD	Race Code from Claim	Base	Char	
DOB_DT	Date of Birth from Claim (Date)	Base	Num	Date provided in SAS date (numeric) format.
BENE_MDCR_STUS_CD	Beneficiary Medicare Status Code	Base	Char	
TAX_NUM	Provider Tax Number	Base	Char	
BENE_STATE	Beneficiary State Postal Code	Base	Char	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Revenue Center
Number of Variables: 23

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
SURVEY	Survey Name	Revenue Center	Char	
PATIENT_ID	NHCS Patient ID	Revenue Center	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Revenue Center	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Revenue Center	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Revenue Center	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_ENC_JOIN_KEY	NCHS Encounter Join Key	Revenue Center	Num	Masked version of the CCW unique encounter join key (ENC_JOIN_KEY) assigned by NCHS for the linked files. This variable is necessary to merge MA encounter information across files.
CLM_TYPE_CD	Claim Type Code	Revenue Center	Char	
CLM_LINE_NUM	Claim Line Number	Revenue Center	Num	
CLM_THRU_DT	Claim Through Date (Determines Year of Claim)	Revenue Center	Num	Date provided in SAS date (numeric) format.
REV_CNTR	Revenue Center Code	Revenue Center	Char	
REV_CNTR_FROM_DT	Revenue Center From Date	Revenue Center	Num	Date provided in SAS date (numeric) format.
REV_CNTR_THRU_DT	Revenue Center Thru Date	Revenue Center	Num	Date provided in SAS date (numeric) format.
REV_CNTR_UNIT_CNT	Revenue Center Unit Count	Revenue Center	Num	Number of units (count)

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Revenue Center
Number of Variables: 23

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
HCPCS_CD	Revenue Center Healthcare Common Procedure Coding System	Revenue Center	Char	
HCPCS_1ST_MDFR_CD	Revenue Center HCPCS Initial Modifier Code	Revenue Center	Char	
HCPCS_2ND_MDFR_CD	Revenue Center HCPCS Second Modifier Code	Revenue Center	Char	
HCPCS_3RD_MDFR_CD	Revenue Center HCPCS Third Modifier Code	Revenue Center	Char	
REV_CNTR_IDE_NDC_UPC_NUM	Revenue Center IDE, NDC, UPC Number	Revenue Center	Char	
REV_CNTR_NDC_QTY	Revenue Center NDC Quantity	Revenue Center	Num	
REV_CNTR_NDC_QTY_QLFR_CD	Revenue Center NDC Quantity Qualifier Code	Revenue Center	Char	
REV_CNTR_RNDRNG_PHYSN_NPI	Revenue Center Rendering Physician NPI	Revenue Center	Char	
LINE_LTST_CLM_IND	Line Latest Claim Indicator	Revenue Center	Char	
LINE_NUM_ORIG	Original Claim Line Number	Revenue Center	Num	

For additional information on variables in encounter files, please see website:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Span Codes
Number of Variables: 11

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
SURVEY	Survey Name	Span Code	Char	
PATIENT_ID	NHCS Patient ID	Span Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Span Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Span Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Span Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_ENC_JOIN_KEY	NCHS Encounter Join Key	Span Code	Num	Masked version of the CCW unique encounter join key (ENC_JOIN_KEY) assigned by NCHS for the linked files. This variable is necessary to merge MA encounter information across files.
CLM_TYPE_CD	Claim Type Code	Span Code	Char	
RLT_SPAN_CD_SEQ	Claim Related Span Code Sequence	Span Code	Char	
CLM_SPAN_CD	Claim Occurrence Span Code	Span Code	Char	
CLM_SPAN_FROM_DT	Claim Occurrence Span From Date	Span Code	Num	Date provided in SAS date (numeric) format.
CLM_SPAN_THRU_DT	Claim Occurrence Span Through Date	Span Code	Num	Date provided in SAS date (numeric) format.

For additional information on variables in encounter files, please see website:
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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Condition Codes
Number of Variables: 9

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
SURVEY	Survey Name	Condition Code	Char	
PATIENT_ID	NHCS Patient ID	Condition Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Condition Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Condition Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Condition Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_ENC_JOIN_KEY	NCHS Encounter Join Key	Condition Code	Num	Masked version of the CCW unique encounter join key (ENC_JOIN_KEY) assigned by NCHS for the linked files. This variable is necessary to merge MA encounter information across files.
CLM_TYPE_CD	Claim Type Code	Condition Code	Char	
RLT_COND_CD_SEQ	Claim Related Condition Code Sequence	Condition Code	Char	
CLM_RLT_COND_CD	Claim Related Condition Code	Condition Code	Char	

For additional information on variables in encounter files, please see website:
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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Value Codes
Number of Variables: 9

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
SURVEY	Survey Name	Value Code	Char	
PATIENT_ID	NHCS Patient ID	Value Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Value Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Value Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Value Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_ENC_JOIN_KEY	NCHS Encounter Join Key	Value Code	Num	Masked version of the CCW unique encounter join key (ENC_JOIN_KEY) assigned by NCHS for the linked files. This variable is necessary to merge MA encounter information across files.
CLM_TYPE_CD	Claim Type Code	Value Code	Char	
RLT_VAL_CD_SEQ	Claim Related Value Code Sequence	Value Code	Char	
CLM_VAL_CD	Claim Value Code	Value Code	Char	

For additional information on variables in encounter files, please see website:
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Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Occurrence Codes
Number of Variables: 10

Document Version Date: March 30, 2026
Data Release Date: December 10, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
SURVEY	Survey Name	Occurrence Code	Char	
PATIENT_ID	NHCS Patient ID	Occurrence Code	Char	Identifier for NHCS patients.
PUBLICID	NHIS Public Use ID	Occurrence Code	Char	Public-use identifier for NHIS participants. For information on how to create PUBLICID from the public-use data, please see note in the Methodology and Analytic Considerations report.
SEQN	NHANES Respondent Sequence Number	Occurrence Code	Num	Public-use identifier for NHANES participants.
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Occurrence Code	Num	2019 NHCS has been linked to 2019-2020 Medicare data. 2020 NHCS has been linked to 2020-2021 Medicare data.
NCHS_ENC_JOIN_KEY	NCHS Encounter Join Key	Occurrence Code	Num	Masked version of the CCW unique encounter join key (ENC_JOIN_KEY) assigned by NCHS for the linked files. This variable is necessary to merge MA encounter information across files.
CLM_TYPE_CD	Claim Type Code	Occurrence Code	Char	
RLT_OCRNC_CD_SEQ	Claim Related Occurrence Code Sequence	Occurrence Code	Char	
CLM_RLT_OCRNC_CD	Claim Related Occurrence Code	Occurrence Code	Char	
CLM_RLT_OCRNC_DT	Claim Related Occurrence Date	Occurrence Code	Num	Date provided in SAS date (numeric) format.

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