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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.
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	

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

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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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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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<https://www2.ccwdata.org/documents/10280/19022436/codebook-ffs-claims.pdf>

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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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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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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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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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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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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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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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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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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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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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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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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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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	

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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_UNCOMP_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: September 25, 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: September 25, 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: September 25, 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: September 25, 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.
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: September 25, 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: September 25, 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: September 25, 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.
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: September 25, 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.
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: September 25, 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.
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: September 25, 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.
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: September 25, 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.
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

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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.
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

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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	
AT_PHYSN_TXNMY_CD	Claim Attending Physician Taxonomy 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: September 25, 2025

Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
ICD_DGNS_CD3	Claim Diagnosis Code III	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

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
ICD_DGNS_CD18	Claim Diagnosis Code XVIII	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

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
CLM_POA_IND_SW6	Claim Diagnosis Code VI 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
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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
CLM_POA_IND_SW17	Claim Diagnosis Code XVII 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

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
ICD_DGNS_E_CD3	Claim Diagnosis E Code III	Base	Char	

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

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
CLM_E_POA_IND_SW6	Claim Diagnosis E Code VI Diagnosis Present on Admission Indicator Code	Base	Char	

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
ICD_PRCDR_CD9	Claim Procedure Code IX	Base	Char	
ICD_PRCDR_CD10	Claim Procedure Code X	Base	Char	

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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.
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.

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

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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	
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.

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

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Variable Name	Variable (VAR) Label	IP ENC File Type	VAR Type	Value Description
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: September 25, 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.
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>

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Inpatient Encounter Revenue Center
Number of Variables: 23

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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: September 25, 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.
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:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

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

Document Version Date: September 25, 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.
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:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

Linked NCHS - 2019–2021 CMS Medicare Data
Inpatient Encounter Value Codes
Number of Variables: 9

Document Version Date: September 25, 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.
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:
<https://www2.ccwdata.org/documents/10280/19022436/codebook-encounter-records.pdf>

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

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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.
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.

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