NCHS Survey Data Linked to CMS MBSF, Claims/Encounters, and Assessment Data
Durable Medical Equipment (DME) Encounter Claims
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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
PATIENT_ID	NHCS Patient ID	Char	ID	Patient Identifier assigned by NCHS. Researchers requesting linked NHCS-CMS data should use PATIENT_ID.
PUBLICID	NHIS Public Use ID	Char	ID	Public-use survey participant identifier assigned by NCHS. Researchers requesting linked NHIS/LSOA II-Medicare data should use PUBLICID.
SEQN	NHANES Respondent Sequence Number	Num	ID	Public-use survey participant identifier assigned by NCHS. Researchers requesting linked NHEFS/NHANES III/NHANES-Medicare data should use SEQN.
RESNUM	NNHS Resident Record (Case) Number	Num	ID	Public-use survey participant identifier assigned by NCHS. Researchers requesting linked 2004 NNHS-Medicare data should use RESNUM.
SURVEY	Survey Name and survey year/cycle	Char		
FILE_YEAR4	Year of Medicare Advantage (MA) Encounter (YYYY)	Num	2016	2016 NHCS has been linked to only 2016-2017 Medicare Data.
NCHS_ENC_JOIN_KEY	NCHS ENCOUNTER JOIN KEY	Num		
CLM_TYPE_CD	Claim Type Code	Char	4800	DME
CLM_FROM_DT	Claim From Date	Num		Date provided in SAS date (numeric) format.
CLM_THRU_DT	Claim Through Date	Num		Date provided in SAS date (numeric) format.
SRVC_MONTH	Service Month	Num		Date provided in SAS date (numeric) format.
CLM_CHRT_RVW_SW	Claim Chart Review Switch	Char		Record is not a chart review
			N	Record is not a chart review
			Y	Record is a chart review

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
NCHS_CLM_CNTL_NUM	NCHS CLAIM CONTROL NUMBER	Num		
NCHS_CLM_ORIG_CNTL_NUM	NCHS CLAIM ORIGINAL CONTROL NUMBER	Num		
CLM_FINL_ACTN_IND	Claim Final Action Indicator	Char		Subsequent adjustments to the claim exist or the final action was to void the claim
			N	Subsequent adjustments to the claim exist or the final action was to void the claim
			Y	Final action and the claim is not voided
CLM_LTST_CLM_IND	Latest Claim Indicator	Char	N	Subsequent adjustments or resubmissions to the claim exist
			Y	Latest action adn the record could be a chart review
EDPS_CREATE_DT	Encounter Data Processing System (EDPS) Create Date	Num		Date provided in SAS date (numeric) format.
CLM_RCPT_DT	Claim Receipt Date	Num		Date provided in SAS date (numeric) format.
CLM_FREQ_CD	Claim Frequency Code	Char	1	Admit thru discharge claim
			7	Replacement of prior claim
CNTRCT_NUM	Medicare Part C Contract Number	Char		
CNTRCT_PBP_NUM	Medicare Part C Plan Benefit Package (PBP) Number	Char		
CLM_MDCL_REC	Claim Medical Record Number	Char		Missing Value
ORG_NPI	Organization NPI Number	Char		
ORG_TXNMY_CD	Organization Taxonomy Code	Char		For value description please see website: https://www.resdac.org/cms-data/variables/organization-taxonomy-code (accessed on 06/22/2020)

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
RFRG_PHYSN_NPI	Claim Referring Physician NPI Number	Char		
PRNCPAL_DGNS_CD	Claim Principal Diagnosis Code	Char		
PRNCPAL_DGNS_VRSN_CD	Claim Principal Diagnosis Version Code	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD1	Claim Diagnosis Code I	Char		
ICD_DGNS_VRSN_CD1	Claim Diagnosis Code I Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD2	Claim Diagnosis Code II	Char		
ICD_DGNS_VRSN_CD2	Claim Diagnosis Code II Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD3	Claim Diagnosis Code III	Char		
ICD_DGNS_VRSN_CD3	Claim Diagnosis Code III Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD4	Claim Diagnosis Code IV	Char		
ICD_DGNS_VRSN_CD4	Claim Diagnosis Code IV Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
ICD_DGNS_CD5	Claim Diagnosis Code V	Char		
ICD_DGNS_VRSN_CD5	Claim Diagnosis Code V Diagnosis Version Code (ICD-9 or ICD-10)	Char		ICD-9
			0	ICD-10
ICD_DGNS_CD6	Claim Diagnosis Code VI	Char		
ICD_DGNS_VRSN_CD6	Claim Diagnosis Code VI Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD7	Claim Diagnosis Code VII	Char		
ICD_DGNS_VRSN_CD7	Claim Diagnosis Code VII Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD8	Claim Diagnosis Code VIII	Char		
ICD_DGNS_VRSN_CD8	Claim Diagnosis Code VIII Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD9	Claim Diagnosis Code IX	Char		
ICD_DGNS_VRSN_CD9	Claim Diagnosis Code IX Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD10	Claim Diagnosis Code X	Char		

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
ICD_DGNS_VRSN_CD10	Claim Diagnosis Code X Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD11	Claim Diagnosis Code XI	Char		
ICD_DGNS_VRSN_CD11	Claim Diagnosis Code XI Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD12	Claim Diagnosis Code XII	Char		
ICD_DGNS_VRSN_CD12	Claim Diagnosis Code XII Diagnosis Version Code (ICD-9 or ICD-10)	Char	0	ICD-10
			9	ICD-9
ICD_DGNS_CD13	Claim Diagnosis Code 13	Char		
ICD_DGNS_VRSN_CD13	Claim Diagnosis Code XIII Diagnosis Version Code (ICD-9 or ICD-10)	Char	9	ICD-9
CLM_OBSLT_DT	Claim Obsolete Date	Num		Date provided in SAS date (numeric) format.
CLM_BPRVDR_CITY_NAME	Billing Provider Address - City	Char		
CLM_BPRVDR_USPS_STATE_CD	Billing Provider Address - USPS State Code	Char		For value description please see website: https://www.resdac.org/cms-data/variables/ billing-provider-address-usps-state-code (accessed on 06/22/2020)
CLM_BPRVDR_ADR_ZIP_CD	Billing Provider Address - ZIP Code	Char		
CLM_SUBSCR_CITY_NAME	Beneficiary County Code from Claim (SSA)	Char		

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
CLM_SUBSCR_USPS_STATE_CD	Beneficiary Residence (SSA) State Code	Char		For value description please see website: https://www.resdac.org/cms-data/variables/ medicare-subscriber-address-usps-state-code (accessed on 06/22/2020)
CLM_SUBSCR_ADR_ZIP_CD	Beneficiary ZIP Code of Residence	Char		
BENE_CNTY_CD	County Code from Claim (SSA)	Char		
BENE_STATE_CD	Beneficiary Residence (SSA) State Code	Char		For value description please see website: https://www.resdac.org/cms-data/variables/ beneficiary-residence-ssa-state-code-encounter (accessed on 06/22/2020)
BENE_MLG_CNTCT_ZIP_CD	ZIP Code of Residence from Claim	Char		
GNDR_CD	Gender Code from Claim	Char	1	Male
			2	Female
BENE_RACE_CD	Race Code from Claim	Char		Missing Value
			0	Unknown
			1	White
			2	Black
			3	Other
			4	Asian/Pacific Islander
			5	Hispanic
			6	North American Native
DOB_DT	Date of Birth from Claim	Num		Date provided in SAS date (numeric) format.
BENE_MDCR_STUS_CD	Beneficiary Medicare Status Code	Char		Missing Value
			10	Aged without ESRD

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
			11	Aged with ESRD
			20	Disabled without ESRD
			21	Disabled with ESRD
			31	ESRD only
TAX_NUM	Provider Tax Number	Char		For value description please see website: https://www.resdac.org/cms-data/variables/provider-tax-number (accessed on 06/22/2020)
BENE_STATE	Beneficiary State Postal Code	Char		For value description please see website: https://www.resdac.org/cms-data/variables/ state-beneficiary-postal-abbreviation (accessed on 06/22/2020)
RNDRNG_PHYSN_NPI	Claim Rendering Physician NPI Number	Char		
CLM_PLACE_OF_SRVC_CD	Claim Place of Service Code	Char	01	Pharmacy. A facility or location where drugs and other medically related items and services are sold, dispensed, or otherwise provided directly to patients.
			02	FFS: Telehealth. The location where health services and health related services are provided or received, through a telecommunication system. (Effective January 1, 2017), MCO: Unassigned. N/A
			04	Homeless Shelter. A facility or location whose primary purpose is to provide temporary housing to homeless individuals (e.g., emergency shelters, individual or family shelters).
			09	Prison/Correctional Facility. A prison, jail, reformatory, work farm, detention center, or any other similar facility maintained by either Federal, State or local authorities for the purpose of confinement or rehabilitation of adult or juvenile criminal offenders.
			11	Office. Location, other than a hospital, skilled nursing facility (SNF), military treatment facility, community health center, State or local public health clinic, or intermediate care facility (ICF), where the health professional routinely provides health examinations, diagnosis, and treatment of illness or injury on an ambulatory basis.
			12	Home. Location, other than a hospital or other facility, where the patient receives care in a private residence.

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
			13	Assisted Living Facility. Congregate residential facility with self-contained living units providing assessment of each resident`s needs and on-site support 24 hours a day, 7 days a week, with the capacity to deliver or arrange for services including some health care and other services.
			14	Group Home. A residence, with shared living areas, where clients receive supervision and other services such as social and/or behavioral services, custodial service, and minimal services (e.g., medication administration).
			15	Mobile Unit. A facility/unit that moves from place-to-place equipped to provide preventive, screening, diagnostic, and/or treatment services.
			16	Temporary Lodging. A short term accommodation such as a hotel, camp ground, hostel, cruise ship or resort where the patient receives care, and which is not identified by any other POS code.
			17	Walk-in Retail Health Clinic. A walk-in health clinic, other than an office, urgent care facility, pharmacy or independent clinic and not described by any other Place of Service code, that is located within a retail operation and provides, on an ambulatory basis, preventive and primary care services.
			19	Off Campus – Outpatient Hospital. A portion of an off-campus hospital provider based department which provides diagnostic, therapeutic (both surgical andnonsurgical), and rehabilitation services to sick or injured persons who do not require hospitalization or institutionalization. (Effective January 1, 2016)
			20	Urgent Care Facility. Location, distinct from a hospital emergency room, an office, or a clinic, whose purpose is to diagnose and treat illness or injury for unscheduled, ambulatory patients seeking immediate medical attention.
			21	Inpatient Hospital. A facility, other than psychiatric, which primarily provides diagnostic, therapeutic (both surgical and nonsurgical), and rehabilitation services by, or under, the supervision of physicians to patients admitted for a variety of medical conditions.
			22	Outpatient Hospital. A portion of a hospital which provides diagnostic, therapeutic (both surgical and nonsurgical), and rehabilitation services to sick or injured persons who do not require hospitalization or institutionalization.
			23	Emergency Room – Hospital. A portion of a hospital where emergency diagnosis and treatment of illness or injury is provided.

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
			24	Ambulatory Surgical Center. A freestanding facility, other than a physician`s office, where surgical and diagnostic services are provided on an ambulatory basis.
			26	Military Treatment Facility. A medical facility operated by one or more of the Uniformed Services. Military Treatment Facility (MTF) also refers to certain former U.S. Public Health Service (USPHS) facilities now designated as Uniformed Service Treatment Facilities (USTF).
			31	Skilled Nursing Facility. A facility which primarily provides inpatient skilled nursing care and related services to patients who require medical, nursing, or rehabilitative services but does not provide the level of care or treatment available in a hospital.
			32	Nursing Facility. A facility which primarily provides to residents skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons, or, on a regular basis, health-related care services above the level of custodial care to other than mentally retarded individuals.
			33	Custodial Care Facility. A facility which provides room, board and other personal assistance services, generally on a long-term basis, and which does not include a medical component.
			41	Ambulance - Land. A land vehicle specifically designed, equipped and staffed for lifesaving and transporting the sick or injured.
			42	Ambulance – Air or Water. An air or water vehicle specifically designed, equipped and staffed for lifesaving and transporting the sick or injured.
			49	Independent Clinic. A location, not part of a hospital and not described by any other Place of Service code, that is organized and operated to provide preventive, diagnostic, therapeutic, rehabilitative, or palliative services to outpatients only. (effective 10/1/03)
			50	Fed Qualified Health Ctr. A facility located in a medically underserved area that provides Medicare beneficiaries preventive primary medical care under the general direction of a physician.
			51	Inpatient Psych Facility. A facility that provides inpatient psychiatric services for the diagnosis and treatment of mental illness on a 24-hour basis, by or under the supervision of a physician.
			52	Psychiatric Facility - Partial Hospitalization. A facility for the diagnosis and treatment of mental illness that provides a planned therapeutic program for patients who do not require full time hospitalization, but who need broader programs than are possible from outpatient visits to a hospital-based or hospital-affiliated facility.

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Variable Name	Variable (VAR) Label	VAR Type	Range of Values	Value Description
			54	Intermediate Care/Mentally Retarded Facility. A facility which primarily provides health-related care and services above the level of custodial care to mentally retarded individuals but does not provide the level of care or treatment available in a hospital or SNF.
			60	Mass Immunization Center. A location where providers administer pneumococcal pneumonia and influenza virus vaccinations and submit these services as electronic media claims, paper claims, or using the roster billing method. This generally takes place in a mass immunization setting, such as, a public health center, pharmacy, or mall but may include a physician office setting.
			61	Comprehensive Inpatient Rehabilitation Facility. A facility that provides comprehensive rehabilitation services under the supervision of a physician to inpatients with physical disabilities. Services include physical therapy, occupational therapy, speech pathology, social or psychological services, and orthotics and prosthetics services.
			65	End-Stage Renal Disease Treatment Facility. A facility other than a hospital, which provides dialysis treatment, maintenance, and/or training to patients or caregivers on an ambulatory or home-care basis.
			72	Rural Health Clinic. A certified facility which is located in a rural medically underserved area that provides ambulatory primary medical care under the general direction of a physician.
			81	Independent Laboratory. A laboratory certified to perform diagnostic and/or clinical tests independent of an institution or a physician`s office.
			99	Other Place of Service. Other place of service not identified above.