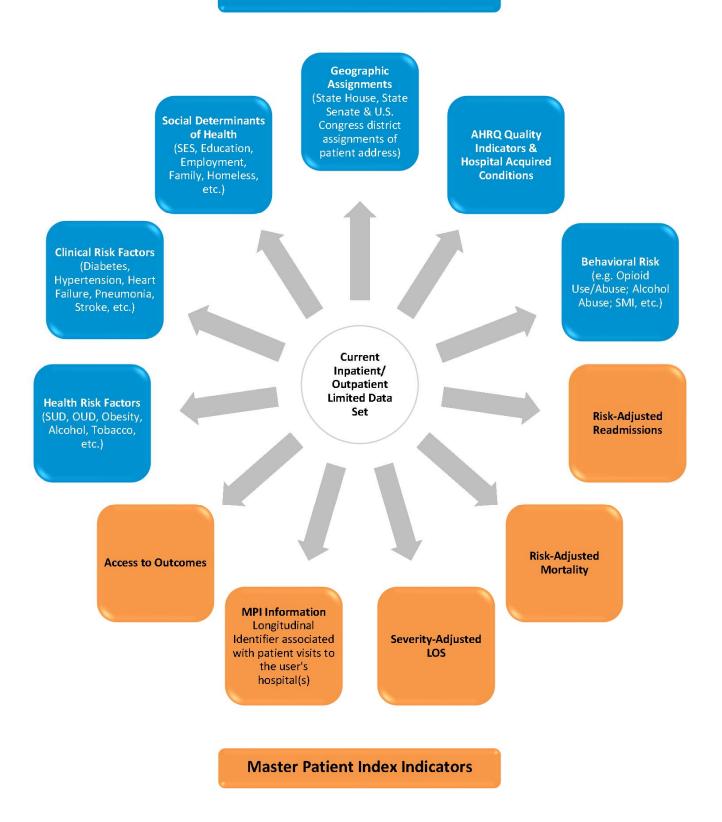# Optional Enhanced Indicators
Encounter-Specific Indicators & Master Patient Index Indicators

Encounter-Specific Indicators

Geographic Assignments
(State House, State Senate & U.S. Congress district assignments of patient address)

Social Determinants of Health
(SES, Education, Employment, Family, Homeless, etc.)

AHRQ Quality Indicators & Hospital Acquired Conditions

Clinical Risk Factors
(Diabetes, Hypertension, Heart Failure, Pneumonia, Stroke, etc.)

Behavioral Risk
(e.g. Opioid Use/Abuse; Alcohol Abuse; SMI, etc.)

Current Inpatient/ Outpatient Limited Data Set

Health Risk Factors
(SUD, OUD, Obesity, Alcohol, Tobacco, etc.)

Risk-Adjusted Readmissions

Access to Outcomes

Risk-Adjusted Mortality

MPI Information
Longitudinal Identifier associated with patient visits to the user's hospital(s)

Severity-Adjusted LOS

Master Patient Index Indicators

Enhanced Encounter-Level Indicators

File Layouts

Table Name: **Geographic Assignments**

Table Description: **Data tables enriched with designations of State House, State Senate and U.S. Congressional district assignments according to patient address.**

Module: Encounter-Specific Indicators

File Name(s): Inpatient file: MO0000IP_Districts20YY.csv
                       Outpatient Classified file: MO0000COP_Districts20YY.csv
                       Outpatient Unclassified file: MO0000UOP_Districts20YY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Sequential ID associated with the discharge or visit	Sequential ID used to join related tables
2	State	FIPS code of state	State FIPS code according to patient address.
3	Lower_district	State House district number	District assignment according to patient address (districts as of 2022).
4	Upper_district	State Senate district number	District assignment according to patient address (districts as of 2022).
5	Congressional_district	U.S. Congress district number	District assignment according to patient address (districts as of 2022).

Table Name: **Behavioral Risk**

Table Description: **Data tables enriched with various patient-level flags identified as behavioral factors influencing health outcomes.**

Module: Encounter-Specific Indicators

File Name(s): Inpatient file: MO0000IP_BEH20YY.csv
                   Outpatient Classified file: MO0000COP_BEH20YY.csv
                   Outpatient Unclassified file: MO0000UOP_BEH20YY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Patient number that links to inpatient visits	Sequential ID used to join related tables
2	IP_BH	Inpatient BH Stay	Inpatient behavioral health stay.
3	behavioral	Behavioral Health Disorder	Behavioral Health Disorder
4	suic_ideation	Suicidal ideation	Suicidal ideation
5	suic_attempt	Suicide attempt	Suicide attempt
6	ccw_dep	Depression, Bipolar & Other Dep. Disorder	CCW Depression, Bipolar & Other Dep. Disorder
7	ccw_adhd	ADHD	CCW ADHD
8	ccw_anxiety	Anxiety Disorder	CCW Anxiety Disorder
9	ccw_autism	Autism Spectrum Disorder	CCW Autism Spectrum Disorder
10	ccw_bipolar	Bipolar Disorder	CCW Bipolar Disorder
11	ccw_dep_dis	Depressive Disorder	CCW Depressive Disorder
12	ccw_intel_dis	Intellectual Disorder	CCW Intellectual Disorder
13	ccw_lear_disab	Learning Disorder	CCW Learning Disorder
14	ccw_develop_delay	Developmental Delay	CCW Developmental Delay
15	ccw_person_dis	Personality Disorder	CCW Personality Disorder
16	ccw_ptsd	PTSD	CCW PTSD
17	ccw_schiz	Schizophrenia	CCW Schizophrenia
18	ccw_schiz_oth	Schizophrenia & Other Psychotic Disorder	CCW Schizophrenia & Other Psychotic Disorder

Table Name: **Social Determinants of Health**

Table Description: **Data tables enriched with various patient-level flags identified as social determinants of health factors influencing health outcomes.**

Module: Encounter-Specific Indicators

File Name(s): Inpatient file: MO0000IP_SDOH20YY.csv
Outpatient Classified file: MO0000COP_SDOH20YY.csv
Outpatient Unclassified file: MO0000UOP_SDOH20YY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Sequential ID associated with the discharge or visit	Sequential ID used to join related tables
2	z_edu	SDOH - problems related to education and literacy	Flag indicating ICD-10 SDOH - problems related to education and literacy anywhere on the record. See appendix for SDOH - problems related to education and literacy diagnosis codes.
3	z_emp	SDOH - problems related to employment/unemployment	Flag indicating ICD-10 SDOH - problems related to employment/unemployment anywhere on the record. See appendix for SDOH - problems related to employment/unemployment diagnosis
4	z_exp	SDOH - occupational exposure to risk factors	Flag indicating ICD-10 SDOH - occupational exposure to risk factors anywhere on the record. See appendix for SDOH - occupational exposure to risk factors diagnosis codes.
5	z-env	SDOH - environmental	Flag indicating ICD-10 SDOH - environmental anywhere on the record. See appendix for SDOH - environmental diagnosis codes.
6	z_hou	SDOH - problems related to housing/economic circumstances	Flag indicating ICD-10 SDOH - problems related to housing/economic circumstances anywhere on the record. See appendix for SDOH - problems related to housing/economic circumstances diagnosis codes.
7	z_soc	SDOH - problems related to social environment	Flag indicating ICD-10 SDOH - problems related to social environment anywhere on the record. See appendix for SDOH - problems related to social environment diagnosis codes.
8	z_up	SDOH - Problems Related to Upbringing	Flag indicating ICD-10 SDOH - Problems Related to Upbringing anywhere on the record. See appendix for SDOH - Problems Related to Upbringing diagnosis codes.
9	z_fam	SDOH - problems related to family circumstances	Flag indicating ICD-10 SDOH - problems related to family circumstances anywhere on the record. See appendix for SDOH - problems related to family circumstances diagnosis codes.
10	z_s_psych	SDOH - problems related to certain psychosocial circumstances	Flag indicating ICD-10 SDOH - problems related to certain psychosocial circumstances anywhere on the record. See appendix for SDOH - problems related to certain psychosocial circumstances diagnosis codes.
11	z_psyc	SDOH - problems related to other psychosocial circumstances	Flag indicating ICD-10 SDOH - problems related to other psychosocial circumstances anywhere on the record. See appendix for SDOH - problems related to other psychosocial circumstances diagnosis codes.

#	Field Name	Short Description	Definition
12	any_z	SDOH - any SDOH z-code	Flag indicating ICD-10 SDOH - any SDOH z-code anywhere on the record. See appendix for SDOH - any SDOH z-code diagnosis codes.
13	Z91120	SDOH - difficulty paying for Rx's	Flag indicating ICD-10 SDOH - difficulty paying for Rx's anywhere on the record.

Table Name: **Clinical Risk Factors**

Table Description: **Data tables enriched with various patient-level flags identified as chronic condition factors influencing health outcomes.**

Module: Encounter-Specific Indicators

File Name(s): Inpatient file: MO0000IP_CC20YY.csv
Outpatient Classified file: MO0000COP_CC20YY.csv
Outpatient Unclassified file: MO0000UOP_CC20YY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Patient number that links to inpatient visits	Sequential ID used to join related tables
2	waitlist_trans	Z7682 Transplant Waitlist	Z7682 Transplant Waitlist
3	ckd_stage1	Chronic Kidney Disease - Stage 1	Chronic Kidney Disease - Stage 1
4	ckd_stage2	Chronic Kidney Disease - Stage 2	Chronic Kidney Disease - Stage 2
5	ckd_stage3	Chronic Kidney Disease - Stage 3	Chronic Kidney Disease - Stage 3
6	ckd_stage4	Chronic Kidney Disease - Stage 4	Chronic Kidney Disease - Stage 4
7	ckd_stage5	Chronic Kidney Disease - Stage 5	Chronic Kidney Disease - Stage 5
8	ckd_esrd	ESRD	ESRD
9	type_1_diabetes	Diabetes Type 1	Diabetes Type 1
10	type_2_diabetes	Diabetes Type 2	Diabetes Type 2
11	cancer	Any Cancer	Any Cancer
12	ccw_aq_hypo	Hypothyroidism	CCW Hypothyroidism
13	ccw_ami	AMI	CCW AMI
14	ccw_alz	Alzheimer's Disease	CCW Alzheimer's Disease
15	ccw_alz_dem	Dementia	CCW Dementia
16	ccw_anemia	Anemia	CCW Anemia
17	ccw_asthma	Asthma	CCW Asthma
18	ccw_atr_fib	A-Fib & Flutter	CCW A-Fib & Flutter
19	ccw_ben_hyperplas	Benign prostatic hyperplasia	CCW Benign prostatic hyperplasia
20	ccw_cataract	Cataract	CCW Cataract
21	ccw_ckd	Chronic Kidney Disease	CCW Chronic Kidney Disease
22	ccw_copd	COPD	CCW COPD
23	ccw_diabetes	Diabetes	CCW Diabetes
24	ccw_glaucoma	Glaucoma	CCW Glaucoma
25	ccw_hf	CHF	CCW CHF
26	ccw_hip_pel_fac	Hip/Pelvic Fracture	CCW Hip/Pelvic Fracture
27	ccw_hyperlipid	Hyperlipidemia	CCW Hyperlipidemia
28	ccw_hypertension	Hypertension	CCW Hypertension
29	ccw_isc_heart_dis	Ischemic Heart Disease	CCW Ischemic Heart Disease
30	ccw_osteo	Osteoporosis	CCW Osteoporosis
31	ccw_ra_oa	Rheumatoid Arthritis	CCW Rheumatoid Arthritis
32	ccw_stroke	Stroke & Transient Isc. Attack	CCW Stroke & Transient Isc. Attack
33	ccw_breast_can	Breast Cancer	CCW Breast Cancer

#	Field Name	Short Description	Definition
34	ccw_colo_can	Colorectal Cancer	CCW Colorectal Cancer
35	ccw_prost_can	Prostate Cancer	CCW Prostate Cancer
36	ccw_lung_can	Lung Cancer	CCW Lung Cancer
37	ccw_endo_can	Endometrial Cancer	CCW Endometrial Cancer
38	ccw_cereb_pals	Cerebral palsy	CCW Cerebral palsy
39	ccw_cystic_fib	Cystic fibrosis	CCW Cystic fibrosis
40	ccw_drug_use	Drug use	CCW Drug use
41	ccw_epilepsy	Epilepsy	CCW Epilepsy
42	ccw_fibro_chron_pain	Fibromyalgia, Chronic Pain & Fatigue	CCW Fibromyalgia, Chronic Pain & Fatigue
43	ccw_hiv	Human Immunodeficiency Virus	CCW Human Immunodeficiency Virus
44	ccw_leuk_lymp	Leukemia & Lymphoma	CCW Leukemia & Lymphoma
45	ccw_liver_dis	Liver Disease	CCW Liver Disease
46	ccw_migrane	Migrane	CCW Migrane
47	ccw_mobility	Impaired Mobility	CCW Impaired Mobility
48	ccw_ms	Multiple sclerosis	CCW Multiple sclerosis
49	ccw_md	Muscular dystrophy	CCW Muscular dystrophy
50	ccw_pvd	Peripheral Vascular Disease	CCW Peripheral Vascular Disease
51	ccw_pres_chon_ulcers	Pressure Ulcers	CCW Pressure Ulcers
52	ccw_blindness	Impaired Vision	CCW Impaired Vision
53	ccw_deaf_hearing	Impaired Hearing	CCW Impaired Hearing
54	ccw_spina_bif_oth	Spina Bifida and other Congenital Anomalies of the Nervous System	CCW Spina Bifida and other Congenital Anomalies of the Nervous System
55	ccw_spinal_cord_inj	Spinal Cord Injury	CCW Spinal Cord Injury
56	ccw_brain_damAge	Traumatic Brain Injury	CCW Traumatic Brain Injury
57	ccw_hep_a	Hepatitis A	CCW Hepatitis A
58	ccw_hep_b_acute	Hepatitis B, acute	CCW Hepatitis B, acute
59	ccw_hep_b	Hepatitis B	CCW Hepatitis B
60	ccw_hep_c_acute	Hepatitis C, acute	CCW Hepatitis C, acute
61	ccw_hep_c	Hepatitis C	CCW Hepatitis C
62	ccw_hep_c_un	Hepatitis C, unspecified	CCW Hepatitis C, unspecified
64	ccw_hep_e	Hepatitis E	CCW Hepatitis E
65	ccw_oud2	OUD 2 (Diagnosis/Procedures)	CCW OUD 2 (Diagnosis/Procedures)
66	ccw_oud3	OUD 3 (Hospitalizations/ED Visits)	CCW OUD 3 (Hospitalizations/ED Visits)
67	ccw_oud4	OUD 4 (MAT)	CCW OUD 4 (MAT)
68	ccw_sickcle	Sickle Cell Disease	CCW Sickle Cell Disease
69	ccw_uro_cancer	Urologic Cancer	CCW Urologic Cancer
70	ccw_park	Parkinson's Disease	CCW Parkinson's Disease
71	ccw_pneu	Pneumonia	CCW Pneumonia

Table Name: **AHRQ Quality Indicators & Hospital Acquired Conditions**

Table Description: **Data tables enriched with various patient-level flags identified as AHRQ Quality Indicators and Hospital Acquired Conditions**

Module: Encounter-Specific Indicators

File Name(s): Inpatient file: MO0000IP_Quality_AHRQ_HAC20YY.csv

File Layout:

#	Field Name	Short Description	Definition
1	qualitypatnum	Sequential ID associated with the discharge or visit	Sequential ID used to join related tables
2	year	Federal Fiscal Year associated with discharge date.	Federal Fiscal Year associated with discharge date.
3	hospno	Hospital identifier (DC…).	Hospital identifier (DC…).
4	Module	AHRQ Module (PDI, PSI, IQI, etc.) or HAC Description (cauti, clabsi, dvt_pe, etc.)	AHRQ Module (PDI, PSI, IQI, etc.) or HAC Description (cauti, clabsi, dvt_pe, etc.)
5	Measure	AHRQ masure number associated with module.	AHRQ masure number associated with module.
6	numerator	Numerator according to AHRQ measure specifications.	Numerator according to AHRQ measure specifications.
7	denominator	Denominator according to AHRQ measure specifications.	Denominator according to AHRQ measure specifications.
8	expected	Expected rate (null for HACs).	Expected rate (null for HACs).

Module: Encounter-Specific Indicators
File Name(s): Inpatient file: MO0000IP_RISK_FACTORS20YY.csv
                Outpatient Classified file: MO0000COP_RISK_FACTORS20YY.csv
                Outpatient Unclassified file: MO0000UOP_RISK_FACTORS20YY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Patient number that links to inpatient visits	Sequential ID used to join related tables
2	IP_SUD	Inpatient SUD Stay	Flag indicating ICD-10 Inpatient SUD Stay anywhere on the record. See appendix for Inpatient SUD Stay diagnosis codes.
3	restraint_use	Restraint Use	Flag indicating ICD-10 Restraint Use anywhere on the record. See appendix for Restraint Use diagnosis codes.
4	malinger_dx	Feign Illness	Flag indicating ICD-10 Feign Illness anywhere on the record. See appendix for Feign Illness diagnosis codes.
5	sud	Substance Use Disease	Flag indicating ICD-10 Substance Use Disease anywhere on the record. See appendix for Substance Use Disease diagnosis codes.
6	dental_caries	Dental Caries Disease	Flag indicating ICD-10 Dental Caries Disease anywhere on the record. See appendix for Dental Caries Disease diagnosis codes.
7	ccw_alcohol	Alcohol Use Disease	Flag indicating CCW Alcohol Use Disease anywhere on the record. See appendix for Alcohol Use Disease diagnosis codes.
8	ccw_obesity	Obesity	Flag indicating CCW Obesity anywhere on the record. See appendix for Obesity diagnosis codes.
9	ccw_tobacco	Tobacco Use Disease	Flag indicating CCW Tobacco Use Disease anywhere on the record. See appendix for Tobacco Use Disease diagnosis codes.
10	ccw_viral_hep	Viral Hepatitis	Flag indicating CCW Viral Hepatitis anywhere on the record. See appendix for Viral Hepatitis diagnosis codes.
11	ccw_oud1	Opioid Use Disorder	Flag indicating CCW Opioid Use Disorder anywhere on the record. See appendix for Opioid Use Disorder diagnosis codes.

Table Description: **Data table enriched with patient-level readmissions information**

File information: Records in this table will be for all readmissions, regardless of index or readmitting hospital. Certain variables associated with hospitals other than the user's hospitals will be removed.

Enriched limited data sets will include 13 months of discharge data (September-September) to capture October index admissions (which can occur the month

Module: Master Patient Index Indicators

Table Name(s): MO0000EIPREADMITYYYY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Sequential ID associated with the discharge or visit	PATNUM for this readmission visit, which is the index admission.
2	read_patnum*	Readmission PATNUM.	PATNUM for the readmitted visit.
3	STD_ID	Standard Hospital ID	Standard hospital ID that does not change over time.
4	novetta_mpid*	Novetta ID	Longitudinal ID created using Novetta strategies.
5	patient_account_number*	Patient account number	Visit-specific patient id (not longitudinal ID).
6	read_cond	Readmission condition	Readmission condition cohort
7	read_medrec*	Medical record number of index admit	Medical Record ID submitted by provider for the index admission.
8	read_lag_medrec*	Medical record number of readmit	Medical Record ID submitted by provider for the readmission.
9	read_lag_stdid*	Standard ID of readmit facility	Standard ID of facility where readmission occurred.
10	adate*	Date of admission (MM/DD/YYYY)	Date of hospital admission.
11	ddate*	Date of discharge (MM/DD/YYYY)	Date of hospital discharge.
12	read_charges*	Index admit charges	Total charges associated with the index admission.
13	read_lag_charges*	Readmit charges	Total charges associated with the readmission.
14	read_drg	Index admit DRG	DRG associated with the index admission.
15	read_lag_drg	Readmit DRG	DRG associated with the readmission.
16	read_same	Readmit to same hospital	Flag indicating whether the patient was readmitted to the same hospital (1) or a different hospital (0).
17	radm30	Readmission flag	Flag indicating whether the patient experienced a qualified 30-day readmission (1 = readmitted; 0 = not readmitted).
19	readm_pred	Probability of Readmission	Probability of Readmission
20	readm_exp	Expected Probability of Readmission	Expected Probability of Readmission

Table Description: **Data table enriched with patient-level inpatient risk-adjusted mortality information**

Module: Master Patient Index Indicators
Table Name(s): MO0000EIPMORTYYYY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Sequential ID associated with the discharge or visit	Sequential ID used to join related tables.
2	STD_ID	Standard Hospital ID	Standard hospital ID that does not change over time.
3	novetta_mpid*	Novetta ID	Longitudinal ID created using Novetta strategies.
4	patient_account_number*	Patient Account Number	Visit-specific patient id (not longitudinal ID).
5	adate	Date of admission (MM/DD/YYYY)	Date of hospital admission.
6	ddate	Date of discharge (MM/DD/YYYY)	Date of hospital discharge.
7	medrec*	Medical record number	Medical Record number submitted by provider. Hospital/system-specific longitudinal ID.
8	mort_cond	Condition	Patient condition on which the predicted and expected mortality probabilities are based.
9	predprob	Predicted probability of mortality	Predicted probability of mortality for this patient based on listed
10	expprob	Expected probability of mortality	Expected probability of mortality for patients in general based on listed condition.
11	mort_obs30	30-day mortality flag	Flag indicating whether the patient died (1) or was discharged (0).

Table Description: **Data table enriched with patient-level risk-standardized length-of-stay information**

Module: Master Patient Index Indicators
Table Name(s): MO0000EIPLOSYYYY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum	Sequential ID associated with the discharge or visit	Sequential ID used to join related tables.
2	STD_ID	Standard Hospital ID	Standard hospital ID that does not change over time.
3	novetta_mpid*	Novetta ID	Longitudinal ID created using Novetta strategies.
4	patient_account_number*	Patient account number	Visit-specific patient id (not longitudinal ID).
5	los	Length-of-stay	Length-of-stay.
6	p_los	Risk-standardized length of stay	Risk-standardized length of stay.

Table Description: **Data table enriched with user's patients' longitudinal identifiers and PATNUMs**

File information: Provides patient-identifiable information for patients visiting your hospital(s) that can be joined to other tables in the limited data set.

Description: The MPID table includes PATNUM-level records for the user's hospital(s) only. The user may join this table to the other LDS tables (Inpatient Discharges/Outpatient Visits) to find total patient volume (Access to Outcomes) versus patient-specific volume at the user's hospital(s).

Module: Master Patient Index Indicators

Table Name(s):
Inpatient file:	MO0000EIPMPIYYYY.csv
Outpatient Classified file:	MO0000EOPCMPIYYYY.csv
Outpatient Unclassified file:	MO0000EOPUMPIYYYY.csv

File Layout:

#	Field Name	Short Description	Definition
1	patnum*	Sequential ID associated with the discharge or visit	Sequential ID used to join related tables.
2	novetta_mpid*	Novetta ID	Longitudinal ID created using Novetta strategies.
3	patient_account_number*	Patient Account Number	Visit-specific patient id (not longitudinal ID).
4	medrec*	Medical record number	Medical Record number submitted by provider. Hospital/system-specific longitudinal ID.
5	STD_ID*	Standard Hospital ID	Standard hospital ID that does not change over time.

Table Description: **Data table enriched with Access to Outcomes Information - Inpatient**

Module: Master Patient Index Indicators

Table Name(s): Inpatient file: MO0000EIPA2OIYYYY.csv
Outpatient Classified file: MO0000EOPCA2OMPIYYYY.csv
Outpatient Unclassified file: MO0000EOPUA2OIYYYY.csv

Description: The outcomes measures below are quantified for patients within the given timeframe of the Limited Data Set. The user may join this table to the MPID table and the LDS tables (Inpatient Discharges/Outpatient Visits) to find total patient volume (Access to Outcomes) versus patient-specific volume at your hospital(s).

File Layout:

#	Field Name	Short Description	Definition
1	novetta_mpid	Master Patient Identifier	Longitudinal patient identifier (masked).
2	death	Discharge disposition-based patient death.	Discharge disposition-based patient death.
3	ip_util	IP Utilization.	IP Utilization.
4	op_ed_util	ED Utilization (P7 condition codes).	ED Utilization (P7 condition codes).
5	mdc19_psych	MDC 19 Utilization	MDC 19 Utilization
6	mdc20_sud	MDC 20 Utilization	MDC 20 Utilization
7	ccw_aq_hypo	CCW Acquired Hypothyroidism	CCW Acquired Hypothyroidism
8	ccw_ami	CCW Acute Myocardial Infarction	CCW Acute Myocardial Infarction
9	ccw_alz	CCW Alzheimer's Disease	CCW Alzheimer's Disease
10	ccw_alz_dem	CCW Alzheimer's Disease, Related Disorders or Senile Dementia	CCW Alzheimer's Disease, Related Disorders or Senile Dementia
11	ccw_anemia	CCW Anemia	CCW Anemia
12	ccw_asthma	CCW Asthma	CCW Asthma
13	ccw_atr_fib	CCW Atrial Fibrillation	CCW Atrial Fibrillation
14	ccw_ben_hyperplas	CCW Benign Prostatic Hyperplasia	CCW Benign Prostatic Hyperplasia
15	ccw_cataract	CCW Cataract	CCW Cataract
16	ccw_ckd	CCW Chronic Kidney Disease	CCW Chronic Kidney Disease
17	ccw_copd	CCW COPD	CCW COPD
18	ccw_dep	CCW Depression	CCW Depression
19	ccw_diabetes	CCW Diabetes	CCW Diabetes
20	ccw_glaucoma	CCW Glaucoma	CCW Glaucoma
21	ccw_hf	CCW Heart Failure	CCW Heart Failure
22	ccw_hip_pel_frac	CCW Hip/Pelvic Fracture	CCW Hip/Pelvic Fracture
23	ccw_hyperlipid	CCW Hyperlipidemia	CCW Hyperlipidemia
24	ccw_hypertension	CCW Hypertension	CCW Hypertension
25	ccw_isc_heart_dis	CCW Ischemic Heart Disease	CCW Ischemic Heart Disease
26	ccw_osteo	CCW Osteoporosis	CCW Osteoporosis
27	ccw_ra_oa	CCW Rheumatoid Arthritis/Osteoarthritis	CCW Rheumatoid Arthritis/Osteoarthritis
28	ccw_stroke	CCW Stroke/Transient Ischemic Attack	CCW Stroke/Transient Ischemic Attack
29	ccw_breast_can	CCW Cancer, Breast	CCW Cancer, Breast
30	ccw_colo_can	CCW Cancer, Colorectal	CCW Cancer, Colorectal
31	ccw_lung_can	CCW Cancer, Lung	CCW Cancer, Lung
32	ccw_adhd	CCW ADHS	CCW ADHS

#	Field Name	Short Description	Definition
33	ccw_alcohol	CCW Alcohol use/abuse	CCW Alcohol use/abuse
34	ccw_anxiety	CCW Anxiety Disorders	CCW Anxiety Disorders
35	ccw_autism	CCW Autism Spectrum Disorders	CCW Autism Spectrum Disorders
36	ccw_bipolar	CCW Bipolar Disorder	CCW Bipolar Disorder
37	ccw_cereb_pals	CCW Cerebral Palsy	CCW Cerebral Palsy
38	ccw_cystic_fib	CCW Cystic Fibrosis and Other Metabolic Dev Disorders	CCW Cystic Fibrosis and Other Metabolic Dev Disorders
39	ccw_dep_dis	CCW Depressive Disorders	CCW Depressive Disorders
40	ccw_drug_use	CCW Epilepsy	CCW Epilepsy
41	ccw_epilepsy	CCW Epilepsy	CCW Epilepsy
42	ccw_fibro_chron_pain	CCW Fibromyalgia, Chronic Pain and Fatigue	CCW Fibromyalgia, Chronic Pain and Fatigue
43	ccw_hiv	CCW HIV/AIDS	CCW HIV/AIDS
44	ccw_intel_dis	CCW Intellectual Disabilities	CCW Intellectual Disabilities
45	ccw_lear_disab	CCW Learning Disabilities	CCW Learning Disabilities
46	ccw_leuk_lymp	CCW Leukemias and Lymphomas	CCW Leukemias and Lymphomas
47	ccw_liver_dis	CCW Liver Disease	CCW Liver Disease
48	ccw_migraine	CCW Migraine and Chronic Headache	CCW Migraine and Chronic Headache
49	ccw_mobility	CCW Mobility Impairments	CCW Mobility Impairments
50	ccw_ms	CCW Multiple Sclerosis and Transverse Myelitis	CCW Multiple Sclerosis and Transverse Myelitis
51	ccw_md	CCW Muscular Dystrophy	CCW Muscular Dystrophy
52	ccw_obesity	CCW Obesity	CCW Obesity
53	ccw_develop_delay	CCW Other Dev Delays	CCW Other Dev Delays
54	ccw_pvd	CCW Peripheral Vascular Disease	CCW Peripheral Vascular Disease
55	ccw_person_dis	CCW Pressure/Chronic Ulcers	CCW Pressure/Chronic Ulcers
56	ccw_ptsd	CCW PTSD	CCW PTSD
57	ccw_pres_chon_ulcers	CCW Chronic Pressure Ulcers	CCW Chronic Pressure Ulcers
58	ccw_schiz	CCW Schizophrenia	CCW Schizophrenia
59	ccw_schiz_oth	CCW Schizophrenia and Other Psy Disorders	CCW Schizophrenia and Other Psy Disorders
60	ccw_blindness	CCW Sensory - Blindness	CCW Sensory - Blindness
61	ccw_deaf_hearing	CCW Sensory - Deafness	CCW Sensory - Deafness
62	ccw_spina_bif_oth	CCW Spina Bifida and Other Congenital Anomalies of the Nervous System	CCW Spina Bifida and Other Congenital Anomalies of the Nervous System
63	ccw_spinal_cord_oth	CCW Spinal Cord Injury	CCW Spinal Cord Injury
64	ccw_tobacco	CCW Tobacco	CCW Tobacco
65	ccw_brain_damage	CCW Traumatic Brain Injury	CCW Traumatic Brain Injury
66	ccw_viral_hep	CCW Viral Hepatitis	CCW Viral Hepatitis
67	ccw_hep_a	CCW Hepatitis A	CCW Hepatitis A
68	ccw_hep_b_acute	CCW Hepatitis B Acute	CCW Hepatitis B Acute
69	ccw_hep_b	CCW Hepatitis B	CCW Hepatitis B
70	ccw_hep_c_acute	CCW Hepatitis C Acute	CCW Hepatitis C Acute
71	ccw_hep_c	CCW Hepatitis C	CCW Hepatitis C
72	ccw_hep_c_un	CCW Hepatitis C Unspecified	CCW Hepatitis C Unspecified
73	ccw_hep_d	CCW Hepatitis D	CCW Hepatitis D
74	ccw_hep_e	CCW Hepatitis E	CCW Hepatitis E
75	ccw_OUD	CCW Opioid Use Disorder	CCW Opioid Use Disorder
76	ccw_OUD_Dx_Proc	CCW Diagnosis and Procedure Code Basis for OUD	CCW Diagnosis and Procedure Code Basis for OUD
77	ccw_Opioid_IP-ED_Visits	CCW Opioid-Related Hospitalizations/ED Visits	CCW Opioid-Related Hospitalizations/ED Visits

#	Field Name	Short Description	Definition
78	ccw_Med-Asst_Thpy	CCW Utilization of Medication-Assisted Therapy	CCW Utilization of Medication-Assisted Therapy
79	ccw_Sickle_Cell_Disease	CCW Sickle Cell Disease	CCW Sickle Cell Disease
80	z_edu	SDOH - problems related to education and literacy	SDOH - problems related to education and literacy
81	z_emp	SDOH - problems related to employment/unemployment	SDOH - problems related to employment/unemployment
82	z_occ	SDOH - occupational exposure to risk factors	SDOH - occupational exposure to risk factors
83	z_hou	SDOH - problems related to housing/economic circumstances	SDOH - problems related to housing/economic circumstances
84	z_soc	SDOH - problems related to social environment	SDOH - problems related to social environment
85	z_up	SDOH - Problems Related to Upbringing	SDOH - Problems Related to Upbringing
86	z_fam	SDOH - problems related to family circumstances	SDOH - problems related to family circumstances
87	z_s_psych	SDOH - problems related to certain psychosocial circumstances	SDOH - problems related to certain psychosocial circumstances
88	z_psyc	SDOH - problems related to other psychosocial circumstances	SDOH - problems related to other psychosocial circumstances
89	opi_rx	opioid script	opioid script
90	pain_dx	pain diagnosis	pain diagnosis
91	mood_dis	mood disorder	mood disorder
92	adhd_conduct	ADHD conduct disorder	ADHD conduct disorder
93	opi_illict	opioid - illicit	opioid - illicit
94	backpain_dx	back pain diagnosis	back pain diagnosis
95	ocd_nx_phob	OCD	OCD
96	oth_child_psych	oth_child_psych	oth_child_psych
97	nas	Neonatal Abstinence Syndrome	Neonatal Abstinence Syndrome
98	malinger_dx	Malingerer diagnosis	Malingerer diagnosis
99	stress	Stress	Stress
100	oth_psych	Other Psych	Other Psych
101	schizo	Schizophrenia	Schizophrenia
102	dissociative	Dissociative disorder	Dissociative disorder
103	suic_ideation	Suicide ideation	Suicide ideation
104	delus_psychot	Delusional Psy	Delusional Psy
105	eating	Eating disorder	Eating disorder
106	suic_attempt	Suicide attempt	Suicide attempt
107	bipol_manic	Bipolar/Manic	Bipolar/Manic
108	sleeping	Sleeping disorder	Sleeping disorder
109	acu_maj_dep	Acute Major Depression	Acute Major Depression
110	sexual	Sexual Disorder	Sexual Disorder
111	chr_maj_dep	Chronic Major Depression	Chronic Major Depression
112	personality_dis	Personality Disorder	Personality Disorder
113	superup	Superutilizer	Superutilizer
114	emerg_superup	ED Superutilizer	ED Superutilizer

Appendix

Table	Field Name	ICD-10 Diagnoses (unless specified otherwise)
BH	IP_BH	MDC19
BH	behavioral	(Diagnosis like F0...) or (Dx like F8...) or (Dx between F2... and F6...)
BH	suic_attempt	T1491XA T1491XD T1491XS
BH	suic_ideation	R45851
CC	ckd_stage1	N181...
CC	ckd_stage2	N182...
CC	ckd_stage3	N183...
CC	ckd_stage4	N184...
CC	ckd_stage5	N185...
CC	ckd_esrd	N186...
CC	type_1_diabetes	E10...
CC	type_2_diabetes	E11...
CC	cancer	C...
CCW	*	https://www2.ccwdata.org/web/guest/condition-categories
RISK	IP_SUD	MDC20