

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

The Medicare Current Beneficiary Survey (MCBS) Variable Crosswalks are a reference guide to allow experienced MCBS data users to assess the feasibility of conducting longitudinal or repeated cross-sectional analyses on variables of interest across two or more MCBS Limited Data Set (LDS) data years. CMS releases updated versions of the MCBS Variable Crosswalks for both the Survey File LDS and Cost Supplement File LDS every year.

The Variable Crosswalks are designed to be a complementary tool to support analytic decisions and should be used in conjunction with the more detailed information available to data users in the MCBS codebooks, Data Users Guides, and Methodology Reports. The main purpose of the crosswalks is to assist data users planning an analysis with MCBS data to determine whether the variable(s) of interest are present in each data year. However, it is important to note that the crosswalks do not speak to the quality or feasibility of an analysis using the variables due to specific features such as variable universe, skip order, or the content of the contributing survey questions.

The 2015-2021 MCBS Cost Supplement File LDS Variable Crosswalk includes approximately 700 unique Cost Supplement File LDS variables covering seven MCBS data years.

The Variable Crosswalk is organized in a tabular format, with rows representing unique variables and columns representing MCBS LDS data years. The rows are organized into sections based on the most current LDS segment where the variable is found. They are further organized alphabetically within each segment.

The variables BASEID, SURVEYYR, VERSION, INTMODE, and all weighting variables are excluded in order to reduce the length of the document. For more information about these variables, please review the Cost Supplement File codebooks.

The Variable Crosswalk contains four identifiers which indicate variable status in each data year:

X – Indicates a variable is named the same and has a similar construction as in the most recent data year. This variable is a good candidate for a longitudinal or repeated cross-sectional analysis for the indicated data years, though data users should also use other MCBS resources such as the Data Users Guides, Methodology Report, and codebooks to confirm eligibility.

(Variable Name) – Indicates a variable is named differently, but has a similar construction as it does in the most recent data year. This variable is a good candidate in a longitudinal or repeated cross-sectional analysis for the indicated data years but requires the additional task of renaming the variable to match the other data years in the analysis. Variables with different names and different constructions from the prior data year are listed as separate rows in the crosswalk.

† – Indicates a variable that has undergone a change in construction between data years, but has not undergone a corresponding name change. Variables with this symbol should be evaluated on a case-by-case basis.

* – When placed after an 'X' or '(Variable Name)' indicates the variable is present in that data year but is located on a different data segment than the segment on which the variable is located in the most recent data year. This variable is a good candidate for a longitudinal or repeated cross-sectional analysis for the indicated data years but requires the additional task of merging different data segments in different data years.

(Blank) – Indicates that the variable is not present for a given data year or is not comparable to the most recent data year due to a construction change. This variable would **not** be easily usable in longitudinal or repeated cross-sectional analysis for the selected data year and either may not be present in that data year or may require a thorough review of its construction.

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| DUE | | | | | | | |
| AMTCAID | X | X | X | X | X | X | X |
| AMTCARE | X | X | X | X | X | X | X |
| AMTCOV | X | X | X | X | X | X | X |
| AMTDISC | X | X | X | X | X | X | X |
| AMTHMOP | X | X | X | X | X | X | X |
| AMTMADV | X | X | X | X | X | X | X |
| AMTNCOV | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVE | X | X | X | X | X | X | X |
| AMTPRVI | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |
| AMTTOT | X | X | X | X | X | X | X |
| AMTVA | X | | | | | | |
| CLAIMID | X | X | X | X | X | X | X |
| DVABSESS | | | X | X | X | X | X |
| DVBONDNG | X | X | X | X | X | X | X |
| DVBRIDGE | X | X | X | X | X | X | X |
| DVCLEAN | X | X | X | X | X | X | X |
| DVCROWN | X | X | X | X | X | X | X |
| DVDENTRS | | | X | X | X | X | X |
| DVEXAM | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|---------|---------|-------|-------|-------|-------|-------|
| DVEXTRAC | X | X | X | X | X | X | X |
| DVFILLNG | X | X | X | X | X | X | X |
| DVFLURID | | | X | X | X | X | X |
| DVIMPLNT | | | X | X | X | X | X |
| DVINLAYS | | | X | X | X | X | X |
| DVORTHO | X | X | X | X | X | X | X |
| DVOTHER | X | X | X | X | X | X | X |
| DVPERIOD | X | X | X | X | X | X | X |
| DVRECALL | | | X | X | X | X | X |
| DVREPAIR | | | X | X | X | X | X |
| DVRTCNAL | X | X | X | X | X | X | X |
| DVSEALNT | | | X | X | X | X | X |
| DVSURG | X | X | X | X | X | X | X |
| DVTMJ | | | X | X | X | X | X |
| DVXRAYS | X | X | X | X | X | X | X |
| D_BEGDD | EVBEGDD | EVBEGDD | X | X | X | X | X |
| D_BEGMM | EVBEGMM | EVBEGMM | X | X | X | X | X |
| D_BEGYY | EVBEGYY | EVBEGYY | X | X | X | X | X |
| EVNTNUM | X | X | X | X | X | X | X |
| IMPACAID | X | X | X | X | X | X | X |
| IMPACARE | X | X | X | X | X | X | X |
| IMPADISC | X | X | X | X | X | X | X |
| IMPAHMOP | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IMPAMADV | X | X | X | X | X | X | X |
| IMPAOOP | X | X | X | X | X | X | X |
| IMPAOTH | X | X | X | X | X | X | X |
| IMPAPRVE | X | X | X | X | X | X | X |
| IMPAPRVI | X | X | X | X | X | X | X |
| IMPAPRVU | X | X | X | X | X | X | X |
| IMPATOT | X | X | X | X | X | X | X |
| IMPAVA | X | | | | | | |
| IMPSCAID | X | X | X | X | X | X | X |
| IMPSCARE | X | X | X | X | X | X | X |
| IMPSDISC | X | X | X | X | X | X | X |
| IMPSHMOP | X | X | X | X | X | X | X |
| IMPSMADV | X | X | X | X | X | X | X |
| IMPSOOP | X | X | X | X | X | X | X |
| IMPSOTH | X | X | X | X | X | X | X |
| IMPSPRVE | X | X | X | X | X | X | X |
| IMPSPRVI | X | X | X | X | X | X | X |
| IMPSPRVU | X | X | X | X | X | X | X |
| IMPSVA | X | | | | | | |
| MCOHMO | X | X | X | X | X | X | X |
| OREVTYPE | X | X | X | X | X | X | X |
| SITCODE | X | X | X | X | X | X | X |
| SOURCE | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|---------|---------|---------|-------|-------|-------|-------|
| FAE | | | | | | | |
| ADMISDD | X | X | X | X | X | X | X |
| ADMISMM | X | X | X | X | X | X | X |
| ADMISYY | X | X | X | X | X | X | X |
| AMBUSERV | X | X | X | X | X | X | X |
| AMTCAID | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |
| AMTTOT | X | X | X | X | X | X | X |
| AMTUCARE | AMTCARE | AMTCARE | AMTCARE | X | X | X | X |
| AMTVA | X | | | | | | |
| ANCICAID | X | X | X | X | X | X | X |
| ANCICARE | X | X | X | X | X | X | X |
| ANCIOOP | X | X | X | X | X | X | X |
| ANCIOTH | X | X | X | X | X | X | X |
| ANCIPRVU | X | X | X | X | X | X | X |
| ANCITOT | X | X | X | X | X | X | X |
| ANCIVA | X | | | | | | |
| BEDPADS | X | X | X | X | X | X | X |
| BEGSTAT | X | X | X | X | X | X | X |
| CATHETER | X | X | X | X | X | X | X |
| CATHIRRI | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| CHNGBAND | X | X | X | X | X | X | X |
| CLOTHDPR | X | X | X | X | X | X | X |
| COMMODE | X | X | X | X | X | X | X |
| DENTNUM | X | X | X | X | X | X | X |
| DENTTEL | | | | | | X | X |
| DIABSUPP | X | X | X | X | X | X | X |
| DIAPRSUP | X | X | X | X | X | X | X |
| DIETFLG | X | X | X | X | X | X | X |
| DISCHDD | X | X | X | X | X | X | X |
| DISCHMM | X | X | X | X | X | X | X |
| DISCHYY | X | X | X | X | X | X | X |
| EDHABFLG | X | X | X | X | X | X | X |
| EDUCFLG | X | X | X | X | X | X | X |
| EMNUM | X | X | X | X | X | X | X |
| ENDSTAT | X | X | X | X | X | X | X |
| EQUIPSUP | X | X | X | X | X | X | X |
| EYEGLOSS | X | X | X | X | X | X | X |
| FACDESC | X | X | X | X | X | X | X |
| FEEDSERV | X | X | X | X | X | X | X |
| FEEDSUPP | X | X | X | X | X | X | X |
| GERCHAIR | X | X | X | X | X | X | X |
| GTUBESUP | X | X | X | X | X | X | X |
| GTUBEUSE | X | X | X | X | X | X | X |

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| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| HABFLG | X | X | X | X | X | X | X |
| HEARAIID | X | X | X | X | X | X | X |
| HOSPBED | X | X | X | X | X | X | X |
| HOTPACKS | X | X | X | X | X | X | X |
| INCNCARE | X | X | X | X | X | X | X |
| INJECTION | X | X | X | X | X | X | X |
| IVSUPP | X | X | X | X | X | X | X |
| IVUSE | X | X | X | X | X | X | X |
| MATTRESS | X | X | X | X | X | X | X |
| MDNUM | X | X | X | X | X | X | X |
| MDTEL | | | | | | X | X |
| MENTTEL | | | | | | X | X |
| MHNUMVIS | X | X | X | X | X | X | X |
| NEBULIZR | X | X | X | X | X | X | X |
| OPNUM | X | X | X | X | X | X | X |
| OPHLFLG | X | X | X | X | X | X | X |
| OPTOMFLG | X | X | X | X | X | X | X |
| ORTHITEM | X | X | X | X | X | X | X |
| OSTOMSUP | X | X | X | X | X | X | X |
| OTHRTEL | | | | | | X | X |
| OXYGEN | X | X | X | X | X | X | X |
| PACEMCHK | X | X | X | X | X | X | X |
| PODIAFLG | X | X | X | X | X | X | X |

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| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| PROSTHES | X | X | X | X | X | X | X |
| REFBEGDD | X | X | X | X | X | X | X |
| REFBEGMM | X | X | X | X | X | X | X |
| REFBEGYY | X | X | X | X | X | X | X |
| REFENDDD | X | X | X | X | X | X | X |
| REFENDMM | X | X | X | X | X | X | X |
| REFENDYY | X | X | X | X | X | X | X |
| RESTRAIN | X | X | X | X | X | X | X |
| SKINSERV | X | X | X | X | X | X | X |
| STAYDAYS | X | X | X | X | X | X | X |
| STAYNUM | X | X | X | X | X | X | X |
| SUCTSERV | X | X | X | X | X | X | X |
| SUCTSUPP | X | X | X | X | X | X | X |
| TEDHOSE | X | X | X | X | X | X | X |
| TOTALL | X | X | X | X | X | X | X |
| TOTCARE | X | X | X | X | X | X | X |
| TUBEFEED | X | X | X | X | X | X | X |
| TURNPOS | X | X | X | X | X | X | X |
| WHEEWALK | X | X | X | X | X | X | X |
| HUE | | | | | | | |
| AMTCAID | | | | | X | X | X |
| AMTCARE | | | | | X | X | X |
| AMTCOV | | | | | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| AMTDISC | | | | | X | X | X |
| AMTHMOP | | | | | X | X | X |
| AMTMADV | | | | | X | X | X |
| AMTNCOV | | | | | X | X | X |
| AMTOOP | | | | | X | X | X |
| AMTOTH | | | | | X | X | X |
| AMTPRVE | | | | | X | X | X |
| AMTPRVI | | | | | X | X | X |
| AMTPRVU | | | | | X | X | X |
| AMTTOT | | | | | X | X | X |
| CLAIMID | | | | | X | X | X |
| D_BEGDD | | | | | X | X | X |
| D_BEGMM | | | | | X | X | X |
| D_BEGYY | | | | | X | X | X |
| EVNTNUM | | | | | X | X | X |
| HUAIDFIT | | | | | X | X | X |
| HUAIDPUR | | | | | X | X | X |
| HUCOIMPL | | | | | X | X | X |
| HUOTHER | | | | | X | X | X |
| HUREHAB | | | | | X | X | X |
| HUTEST | | | | | X | X | X |
| HUTYMPAN | | | | | X | X | X |
| HUVENTTU | | | | | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| HUWAXREM | | | | | X | X | X |
| IMPACAID | | | | | X | X | X |
| IMPACARE | | | | | X | X | X |
| IMPADISC | | | | | X | X | X |
| IMPAHMOP | | | | | X | X | X |
| IMPAMADV | | | | | X | X | X |
| IMPAOOP | | | | | X | X | X |
| IMPAOTH | | | | | X | X | X |
| IMPAPRVE | | | | | X | X | X |
| IMPAPRVI | | | | | X | X | X |
| IMPAPRVU | | | | | X | X | X |
| IMPATOT | | | | | X | X | X |
| IMPSCAID | | | | | X | X | X |
| IMPSCARE | | | | | X | X | X |
| IMPSDISC | | | | | X | X | X |
| IMPSHMOP | | | | | X | X | X |
| IMPSMADV | | | | | X | X | X |
| IMPSOOP | | | | | X | X | X |
| IMPSOTH | | | | | X | X | X |
| IMSPRVE | | | | | X | X | X |
| IMSPRVI | | | | | X | X | X |
| IMSPRVU | | | | | X | X | X |
| MCOHMO | | | | | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|---------|---------|-------|-------|-------|-------|-------|
| OREVTYPE | | | | | X | X | X |
| SITCODE | | | | | X | X | X |
| SOURCE | | | | | X | X | X |
| IPE | | | | | | | |
| AMTCAID | X | X | X | X | X | X | X |
| AMTCARE | X | X | X | X | X | X | X |
| AMTCOV | X | X | X | X | X | X | X |
| AMTDISC | X | X | X | X | X | X | X |
| AMTHMOP | X | X | X | X | X | X | X |
| AMTMADV | X | X | X | X | X | X | X |
| AMTNCOV | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVE | X | X | X | X | X | X | X |
| AMTPRVI | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |
| AMTTOT | X | X | X | X | X | X | X |
| AMTVA | X | | | | | | |
| CLAIMID | X | X | X | X | X | X | X |
| DGNCNT | X | X | X | X | X | X | X |
| DRG | X | X | X | X | X | X | X |
| D_BEGDD | EVBEGDD | EVBEGDD | X | X | X | X | X |
| D_BEGMM | EVBEGMM | EVBEGMM | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|---------|---------|-------|-------|-------|-------|-------|
| D_BEGYY | EVBEYY | EVBEYY | X | X | X | X | X |
| D_ENDDD | EVENDDD | EVENDDD | X | X | X | X | X |
| D_ENDMM | EVENMMM | EVENMMM | X | X | X | X | X |
| D_ENDYY | EVENYY | EVENYY | X | X | X | X | X |
| E1DGNCD | X | X | X | X | X | X | X |
| EVNTNUM | X | X | X | X | X | X | X |
| IMPACID | X | X | X | X | X | X | X |
| IMPACARE | X | X | X | X | X | X | X |
| IMPADISC | X | X | X | X | X | X | X |
| IMPAHMOP | X | X | X | X | X | X | X |
| IMPAMADV | X | X | X | X | X | X | X |
| IMPAOOP | X | X | X | X | X | X | X |
| IMPAOTH | X | X | X | X | X | X | X |
| IMPAPRVE | X | X | X | X | X | X | X |
| IMPAPRVI | X | X | X | X | X | X | X |
| IMPAPRVU | X | X | X | X | X | X | X |
| IMPATOT | X | X | X | X | X | X | X |
| IMPAVA | X | | | | | | |
| IMPSCAID | X | X | X | X | X | X | X |
| IMPSCARE | X | X | X | X | X | X | X |
| IMPSDISC | X | X | X | X | X | X | X |
| IMPSHMOP | X | X | X | X | X | X | X |
| IMPSMADV | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IMPSOOP | X | X | X | X | X | X | X |
| IMPSOTH | X | X | X | X | X | X | X |
| IMSPRVE | X | X | X | X | X | X | X |
| IMSPRVI | X | X | X | X | X | X | X |
| IMSPRVU | X | X | X | X | X | X | X |
| IMPSVA | X | | | | | | |
| IPPRJCNT | X | X | X | X | X | X | X |
| LRDAYS | X | X | | | | | |
| MCOHMO | X | X | X | X | X | X | X |
| OREVTYPE | X | X | X | X | X | X | X |
| POAIND | X | X | X | X | X | X | X |
| PRCDRCD1 | X | X | X | X | X | X | X |
| PRINDIAG | X | X | X | X | X | X | X |
| PROV | X | X | X | X | X | X | X |
| SITCODE | X | X | X | X | X | X | X |
| SOURCE | X | X | X | X | X | X | X |
| SOWMP | X | X | X | X | X | X | X |
| STATUS | X | X | X | X | X | X | X |
| UTLZNDAY | X | X | X | X | X | X | X |
| IUE | | | | | | | |
| AMTCAID | X | X | X | X | X | X | X |
| AMTCARE | X | X | X | X | X | X | X |
| AMTCOV | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|---------|---------|-------|-------|-------|-------|-------|
| AMTDISC | X | X | X | X | X | X | X |
| AMTHMOP | X | X | X | X | X | X | X |
| AMTMADV | X | X | X | X | X | X | X |
| AMTNCOV | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVE | X | X | X | X | X | X | X |
| AMTPRVI | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |
| AMTTOT | X | X | X | X | X | X | X |
| AMTVA | X | | | | | | |
| CLAIMID | X | X | X | X | X | X | X |
| CLMCNT | X | X | X | X | X | X | X |
| COINDAY | X | X | X | X | X | X | X |
| DGNCNT | X | X | X | X | X | X | X |
| D_BEGDD | EVBEGDD | EVBEGDD | X | X | X | X | X |
| D_BEGMM | EVBEGMM | EVBEGMM | X | X | X | X | X |
| D_BEGYY | EVBEGYY | EVBEGYY | X | X | X | X | X |
| D_ENDDD | EVENDDD | EVENDDD | X | X | X | X | X |
| D_ENDMM | EVENDMM | EVENDMM | X | X | X | X | X |
| D_ENDYY | EVENDYY | EVENDYY | X | X | X | X | X |
| EVNTNUM | X | X | X | X | X | X | X |
| IMPACAID | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IMPACARE | X | X | X | X | X | X | X |
| IMPADISC | X | X | X | X | X | X | X |
| IMPAHMOP | X | X | X | X | X | X | X |
| IMPAMADV | X | X | X | X | X | X | X |
| IMPAOOP | X | X | X | X | X | X | X |
| IMPAOTH | X | X | X | X | X | X | X |
| IMPAPRVE | X | X | X | X | X | X | X |
| IMPAPRVI | X | X | X | X | X | X | X |
| IMPAPRVU | X | X | X | X | X | X | X |
| IMPATOT | X | X | X | X | X | X | X |
| IMPAVA | X | | | | | | |
| IMPSCAID | X | X | X | X | X | X | X |
| IMPSCARE | X | X | X | X | X | X | X |
| IMPSDISC | X | X | X | X | X | X | X |
| IMPSHMOP | X | X | X | X | X | X | X |
| IMPSMADV | X | X | X | X | X | X | X |
| IMPSOOP | X | X | X | X | X | X | X |
| IMPSOTH | X | X | X | X | X | X | X |
| IMPSPRVE | X | X | X | X | X | X | X |
| IMPSPRVI | X | X | X | X | X | X | X |
| IMPSPRVU | X | X | X | X | X | X | X |
| IMPSVA | X | | | | | | |
| MCOHMO | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| OREVTYPE | X | X | X | X | X | X | X |
| PRINDIAG | X | X | X | X | X | X | X |
| PROV | X | X | X | X | X | X | X |
| SITCODE | X | X | X | X | X | X | X |
| SOURCE | X | X | X | X | X | X | X |
| SOWMP | X | X | X | X | X | X | X |
| STATUS | X | X | X | X | X | X | X |
| UTLZNDAY | X | X | X | X | X | X | X |
| MPE | | | | | | | |
| ALTRTYPE | X | X | X | X | X | X | X |
| AMTCAID | X | X | X | X | X | X | X |
| AMTCARE | X | X | X | X | X | X | X |
| AMTCOV | X | X | X | X | X | X | X |
| AMTDISC | X | X | X | X | X | X | X |
| AMTHMOP | X | X | X | X | X | X | X |
| AMTMADV | X | X | X | X | X | X | X |
| AMTNCOV | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVE | X | X | X | X | X | X | X |
| AMTPRVI | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |
| AMTTOT | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|----------|----------|-------|-------|-------|-------|-------|
| AMTVA | X | | | | | | |
| BHEARLFT | | | | | X | X | X |
| BHEARRGT | | | | | X | X | X |
| CANALLFT | | | | | X | X | X |
| CANALRGT | | | | | X | X | X |
| CLAIMID | X | X | X | X | X | X | X |
| CLAIMTYP | X | X | X | X | X | X | X |
| D_BEGDD | EVBEGBDD | EVBEGBDD | X | X | X | X | X |
| D_BEGMM | EVBEGBMM | EVBEGBMM | X | X | X | X | X |
| D_BEGYY | EVBEGBYY | EVBEGBYY | X | X | X | X | X |
| EVNTNUM | X | X | X | X | X | X | X |
| EVNTTYPE | X | X | X | X | X | X | X |
| IMPACAID | X | X | X | X | X | X | X |
| IMPACARE | X | X | X | X | X | X | X |
| IMPADISC | X | X | X | X | X | X | X |
| IMPAHMOP | X | X | X | X | X | X | X |
| IMPAMADV | X | X | X | X | X | X | X |
| IMPAOOP | X | X | X | X | X | X | X |
| IMPAOTH | X | X | X | X | X | X | X |
| IMPAPRVE | X | X | X | X | X | X | X |
| IMPAPRVI | X | X | X | X | X | X | X |
| IMPAPRVU | X | X | X | X | X | X | X |
| IMPATOT | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IMPAVA | X | | | | | | |
| IMPSCAID | X | X | X | X | X | X | X |
| IMPSCARE | X | X | X | X | X | X | X |
| IMPSDISC | X | X | X | X | X | X | X |
| IMPSHMOP | X | X | X | X | X | X | X |
| IMPSMADV | X | X | X | X | X | X | X |
| IMPSOOP | X | X | X | X | X | X | X |
| IMPSOTH | X | X | X | X | X | X | X |
| IMPSRVE | X | X | X | X | X | X | X |
| IMSPRVI | X | X | X | X | X | X | X |
| IMSPRVU | X | X | X | X | X | X | X |
| IMPSVA | X | | | | | | |
| INEARLFT | | | | | X | X | X |
| INEARRGT | | | | | X | X | X |
| MCOHMO | X | X | X | X | X | X | X |
| OMETYPE | X | X | X | X | X | X | X |
| OREVTYPE | X | X | X | X | X | X | X |
| ORTHTYPE | X | X | X | X | X | X | X |
| OTHRTYPE | X | X | X | X | X | X | X |
| PAMTLABX | X | X | X | X | X | X | X |
| PAMTMED | X | X | X | X | X | X | X |
| PAMTOM | X | X | X | X | X | X | X |
| PAMTPM | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| PAMTSURG | X | X | X | X | X | X | X |
| PROVSPEC | X | X | X | X | X | X | X |
| SITCODE | X | X | X | X | X | X | X |
| SOURCE | X | X | X | X | X | X | X |
| SOWMP | X | X | X | X | X | X | X |
| TELEHLTH | | | | | | X | X |
| VUTYPCON | | | | | X | X | X |
| VUTYPFRA | | | | | X | X | X |
| VUTYPLEN | | | | | X | X | X |
| VUTYPREP | | | | | X | X | X |
| OPE | | | | | | | |
| AMTCAID | X | X | X | X | X | X | X |
| AMTCARE | X | X | X | X | X | X | X |
| AMTCOV | X | X | X | X | X | X | X |
| AMTDISC | X | X | X | X | X | X | X |
| AMTHMOP | X | X | X | X | X | X | X |
| AMTMADV | X | X | X | X | X | X | X |
| AMTNCOV | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVE | X | X | X | X | X | X | X |
| AMTPRVI | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|---------|---------|-------|-------|-------|-------|-------|
| AMTTOT | X | X | X | X | X | X | X |
| AMTVA | X | | | | | | |
| CLAIMID | X | X | X | X | X | X | X |
| DGNCNT | X | X | X | X | X | X | X |
| D_BEGDD | EVBEGDD | EVBEGDD | X | X | X | X | X |
| D_BEGMM | EVBEGMM | EVBEGMM | X | X | X | X | X |
| D_BEGYY | EVBEGYY | EVBEGYY | X | X | X | X | X |
| E1DGNSCD | X | X | | | | | |
| EVNTNUM | X | X | X | X | X | X | X |
| FROMDT | X | X | | | | | |
| IMPACID | X | X | X | X | X | X | X |
| IMPACARE | X | X | X | X | X | X | X |
| IMPADISC | X | X | X | X | X | X | X |
| IMPAHMOP | X | X | X | X | X | X | X |
| IMPAMADV | X | X | X | X | X | X | X |
| IMPAOOP | X | X | X | X | X | X | X |
| IMPAOTH | X | X | X | X | X | X | X |
| IMPAPRVE | X | X | X | X | X | X | X |
| IMPAPRVI | X | X | X | X | X | X | X |
| IMPAPRVU | X | X | X | X | X | X | X |
| IMPATOT | X | X | X | X | X | X | X |
| IMPAVA | X | | | | | | |
| IMPSCAID | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IMPSCARE | X | X | X | X | X | X | X |
| IMPSDISC | X | X | X | X | X | X | X |
| IMPSHMOP | X | X | X | X | X | X | X |
| IMPSMADV | X | X | X | X | X | X | X |
| IMPSOOP | X | X | X | X | X | X | X |
| IMPSOTH | X | X | X | X | X | X | X |
| IMPSRVE | X | X | X | X | X | X | X |
| IMPSRVI | X | X | X | X | X | X | X |
| IMPSRVU | X | X | X | X | X | X | X |
| IMPSVA | X | | | | | | |
| MCOHMO | X | X | X | X | X | X | X |
| OREVTYPE | X | X | X | X | X | X | X |
| PRINDIAG | X | X | X | X | X | X | X |
| PROV | | | X | X | X | X | X |
| SITCODE | X | X | X | X | X | X | X |
| SOURCE | X | X | X | X | X | X | X |
| SOWMP | X | X | X | X | X | X | X |
| STATUS | | | X | X | X | X | X |
| TELEHLTH | | | | | | X | X |
| THRU DT | X | X | | | | | |
| PME | | | | | | | |
| AMTCAID | X | X | X | X | X | X | X |
| AMTCARE | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| AMTDISC | X | X | X | X | X | X | X |
| AMTHMOP | X | X | X | X | X | X | X |
| AMTMADV | X | X | X | X | X | X | X |
| AMTNUM | X | X | X | X | X | X | X |
| AMTOOP | X | X | X | X | X | X | X |
| AMTOTH | X | X | X | X | X | X | X |
| AMTPRVE | X | X | X | X | X | X | X |
| AMTPRVI | X | X | X | X | X | X | X |
| AMTPRVU | X | X | X | X | X | X | X |
| AMTTOT | X | X | X | X | X | X | X |
| AMTUNIT | X | X | X | X | X | X | X |
| AMTVA | X | | | | | | |
| CORF | X | X | X | X | X | X | X |
| DAYSUPP | X | X | X | X | X | X | X |
| DRUGNAME | X | X | X | X | X | X | X |
| FDB_BN | X | X | X | X | X | X | X |
| FDB_GNN | X | X | X | X | X | X | X |
| FDB_RTE | X | X | X | X | X | X | X |
| FDB_STR | X | X | X | X | X | X | X |
| IAMTCAID | X | X | X | X | X | X | X |
| IAMTCARE | X | X | X | X | X | X | X |
| IAMTDISC | X | X | X | X | X | X | X |
| IAMTHMOP | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IAMTMADV | X | X | X | X | X | X | X |
| IAMTOOP | X | X | X | X | X | X | X |
| IAMTOTH | X | X | X | X | X | X | X |
| IAMTPRVE | X | X | X | X | X | X | X |
| IAMTPRVI | X | X | X | X | X | X | X |
| IAMTPRVU | X | X | X | X | X | X | X |
| IAMTTOT | X | X | X | X | X | X | X |
| IAMTVA | X | | | | | | |
| ISOPCAID | X | X | X | X | X | X | X |
| ISOPCARE | X | X | X | X | X | X | X |
| ISOPDISC | X | X | X | X | X | X | X |
| ISOPHMOP | X | X | X | X | X | X | X |
| ISOPMADV | X | X | X | X | X | X | X |
| ISOPOOP | X | X | X | X | X | X | X |
| ISOPOTH | X | X | X | X | X | X | X |
| ISOPPRVE | X | X | X | X | X | X | X |
| ISOPPRVI | X | X | X | X | X | X | X |
| ISOPUNK | X | X | X | X | X | X | X |
| ISOPVA | X | | | | | | |
| NDC_CD | X | X | X | X | X | X | X |
| OTCLEG | X | X | X | X | X | X | X |
| PDEFLAG | X | X | X | X | X | X | X |
| PMCOND | | | | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| PMEID | X | X | X | X | X | X | X |
| PMFORM | X | X | X | X | X | X | X |
| PMKNWNM | | | | X | X | X | X |
| QNTY | X | X | X | X | X | X | X |
| SERV_DT | X | X | X | X | X | X | X |
| STRNNUM1 | X | X | X | X | X | | |
| STRNNUM2 | X | X | X | | | | |
| STRNUNI1 | X | X | X | X | X | | |
| STRNUNI2 | X | X | X | | | | |
| SUPPNUM | X | X | X | X | X | X | X |
| TABNUM | X | X | X | X | X | X | X |
| TABSADAY | | | | X | X | X | X |
| TABTAKE | | | | X | X | X | X |
| THERCC | X | X | X | X | X | X | X |
| TYPE | X | X | X | X | X | X | X |
| PS | | | | | | | |
| DUAEVNTS | X | X | X | X | X | X | X |
| FAAEVNTS | X | X | X | X | X | X | X |
| HHAEVNTS | X | X | X | X | X | | X |
| HPAEVNTS | X | X | X | X | X | X | X |
| HUAEVNTS | | | | | X | X | X |
| IPAEVNTS | X | X | X | X | X | X | X |
| IUAEVNTS | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| MPAEVNTS | X | X | X | X | X | X | X |
| OPAEVNTS | X | X | X | X | X | X | X |
| PAMTCAID | X | X | X | X | X | X | X |
| PAMTCARE | X | X | X | X | X | X | X |
| PAMTDISC | X | X | X | X | X | X | X |
| PAMTDU | X | X | X | X | X | X | X |
| PAMTFA | X | X | X | X | X | X | X |
| PAMTHH | X | X | X | X | X | | X |
| PAMTHMOP | X | X | X | X | X | X | X |
| PAMTHP | X | X | X | X | X | X | X |
| PAMTHU | | | | | X | X | X |
| PAMTIP | X | X | X | X | X | X | X |
| PAMTIU | X | X | X | X | X | X | X |
| PAMTMADV | X | X | X | X | X | X | X |
| PAMTMP | X | X | X | X | X | X | X |
| PAMTOOP | X | X | X | X | X | X | X |
| PAMTOP | X | X | X | X | X | X | X |
| PAMTOTH | X | X | X | X | X | X | X |
| PAMTPM | X | X | X | X | X | X | X |
| PAMTPRVE | X | X | X | X | X | X | X |
| PAMTPRVI | X | X | X | X | X | X | X |
| PAMTPRVU | X | X | X | X | X | X | X |
| PAMTTOT | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| PAMTVA | X | | | | | | |
| PAMTVU | | | | | X | X | X |
| PEVENTS | X | X | X | X | X | X | X |
| PMAEVNTS | X | X | X | X | X | X | X |
| SAMTCAID | X | X | X | X | X | X | X |
| SAMTCARE | X | X | X | X | X | X | X |
| SAMTDISC | X | X | X | X | X | X | X |
| SAMTHMOP | X | X | X | X | X | X | X |
| SAMTMADV | X | X | X | X | X | X | X |
| SAMTOOP | X | X | X | X | X | X | X |
| SAMTOTH | X | X | X | X | X | X | X |
| SAMTPRVE | X | X | X | X | X | X | X |
| SAMTPRVI | X | X | X | X | X | X | X |
| SAMTPRVU | X | X | X | X | X | X | X |
| SAMTTOT | X | X | X | X | X | X | X |
| SAMTVA | X | | | | | | |
| SEVENTS | X | X | X | X | X | X | X |
| VUAEVNTS | | | | | X | X | X |
| RESTMLN | | | | | | | |
| D_CDAY5 | X | | | | | | |
| D_CODE1 | X | | | | | | |
| D_CODE10 | X | | | | | | |
| D_CODE11 | X | | | | | | |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| D_CODE12 | X | | | | | | |
| D_CODE13 | X | | | | | | |
| D_CODE14 | X | | | | | | |
| D_CODE15 | X | | | | | | |
| D_CODE16 | X | | | | | | |
| D_CODE17 | X | | | | | | |
| D_CODE18 | X | | | | | | |
| D_CODE19 | X | | | | | | |
| D_CODE2 | X | | | | | | |
| D_CODE20 | X | | | | | | |
| D_CODE21 | X | | | | | | |
| D_CODE22 | X | | | | | | |
| D_CODE3 | X | | | | | | |
| D_CODE4 | X | | | | | | |
| D_CODE5 | X | | | | | | |
| D_CODE6 | X | | | | | | |
| D_CODE7 | X | | | | | | |
| D_CODE8 | X | | | | | | |
| D_CODE9 | X | | | | | | |
| D_FDAYS | X | | | | | | |
| D_HDAYS | X | | | | | | |
| D_IDAYS | X | | | | | | |
| D_IHDAYS | X | | | | | | |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| D_LAST | X | | | | | | |
| D_NUMSIT | X | | | | | | |
| D_SDAYS | X | | | | | | |
| D_SIT1 | X | | | | | | |
| D_SIT10 | X | | | | | | |
| D_SIT11 | X | | | | | | |
| D_SIT12 | X | | | | | | |
| D_SIT13 | X | | | | | | |
| D_SIT14 | X | | | | | | |
| D_SIT15 | X | | | | | | |
| D_SIT16 | X | | | | | | |
| D_SIT17 | X | | | | | | |
| D_SIT18 | X | | | | | | |
| D_SIT19 | X | | | | | | |
| D_SIT2 | X | | | | | | |
| D_SIT20 | X | | | | | | |
| D_SIT21 | X | | | | | | |
| D_SIT22 | X | | | | | | |
| D_SIT3 | X | | | | | | |
| D_SIT4 | X | | | | | | |
| D_SIT5 | X | | | | | | |
| D_SIT6 | X | | | | | | |
| D_SIT7 | X | | | | | | |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| D_SIT8 | X | | | | | | |
| D_SIT9 | X | | | | | | |
| D_T DAYS | X | | | | | | |
| D_TYPE | X | | | | | | |
| SS | | | | | | | |
| AAMTCAID | X | X | X | X | X | X | X |
| AAMTCARE | X | X | X | X | X | X | X |
| AAMTDISC | X | X | X | X | X | X | X |
| AAMTHMOP | X | X | X | X | X | X | X |
| AAMTMADV | X | X | X | X | X | X | X |
| AAMTOOP | X | X | X | X | X | X | X |
| AAMTOTH | X | X | X | X | X | X | X |
| AAMTPRVE | X | X | X | X | X | X | X |
| AAMTPRVI | X | X | X | X | X | X | X |
| AAMTPRVU | X | X | X | X | X | X | X |
| AAMTTOT | X | X | X | X | X | X | X |
| AAMTVA | X | | | | | | |
| AEVENTS | X | X | X | X | X | X | X |
| EVNTTYPE | X | X | X | X | X | X | X |
| HHETYPE | | | | | | | X |
| SAMTCAID | X | X | X | X | X | X | X |
| SAMTCARE | X | X | X | X | X | X | X |
| SAMTDISC | X | X | X | X | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| SAMTHMOP | X | X | X | X | X | X | X |
| SAMTMADV | X | X | X | X | X | X | X |
| SAMTOOP | X | X | X | X | X | X | X |
| SAMTOTH | X | X | X | X | X | X | X |
| SAMTPRVE | X | X | X | X | X | X | X |
| SAMTPRVI | X | X | X | X | X | X | X |
| SAMTPRVU | X | X | X | X | X | X | X |
| SAMTTOT | X | X | X | X | X | X | X |
| SAMTVA | X | | | | | | |
| SEVENTS | X | X | X | X | X | X | X |
| VUE | | | | | | | |
| AMTCAID | | | | | X | X | X |
| AMTCARE | | | | | X | X | X |
| AMTCOV | | | | | X | X | X |
| AMTDISC | | | | | X | X | X |
| AMTHMOP | | | | | X | X | X |
| AMTMADV | | | | | X | X | X |
| AMTNCOV | | | | | X | X | X |
| AMTOOP | | | | | X | X | X |
| AMTOTH | | | | | X | X | X |
| AMTPRVE | | | | | X | X | X |
| AMTPRVI | | | | | X | X | X |
| AMTPRVU | | | | | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| AMTTOT | | | | | X | X | X |
| CLAIMID | | | | | X | X | X |
| D_BEGDD | | | | | X | X | X |
| D_BEGMM | | | | | X | X | X |
| D_BEGYY | | | | | X | X | X |
| EVNTNUM | | | | | X | X | X |
| IMPACID | | | | | X | X | X |
| IMPACARE | | | | | X | X | X |
| IMPADISC | | | | | X | X | X |
| IMPAHMOP | | | | | X | X | X |
| IMPAMADV | | | | | X | X | X |
| IMPAOOP | | | | | X | X | X |
| IMPAOTH | | | | | X | X | X |
| IMPAPRVE | | | | | X | X | X |
| IMPAPRVI | | | | | X | X | X |
| IMPAPRVU | | | | | X | X | X |
| IMPATOT | | | | | X | X | X |
| IMPSCAID | | | | | X | X | X |
| IMPSCARE | | | | | X | X | X |
| IMPSDISC | | | | | X | X | X |
| IMPSHMOP | | | | | X | X | X |
| IMPSMADV | | | | | X | X | X |
| IMPSOOP | | | | | X | X | X |

MCBS LDS Cost Supplement File Variable Crosswalk: 2015-2021

| VARIABLE_NAME | _2015 | _2016 | _2017 | _2018 | _2019 | _2020 | _2021 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| IMPSOTH | | | | | X | X | X |
| IMPSRVE | | | | | X | X | X |
| IMPSRVI | | | | | X | X | X |
| IMPSRVU | | | | | X | X | X |
| MCOHMO | | | | | X | X | X |
| OREVTYPE | | | | | X | X | X |
| SITCODE | | | | | X | X | X |
| SOURCE | | | | | X | X | X |
| VUCATSUR | | | | | X | X | X |
| VUCONFIT | | | | | X | X | X |
| VUCONPUR | | | | | X | X | X |
| VUCORSUR | | | | | X | X | X |
| VUEYEMUS | | | | | X | X | X |
| VUEYETST | | | | | X | X | X |
| VUGLAFIT | | | | | X | X | X |
| VUGLAPUR | | | | | X | X | X |
| VUGLASUR | | | | | X | X | X |
| VUOCUSUR | | | | | X | X | X |
| VUOTHER | | | | | X | X | X |
| VUREFSUR | | | | | X | X | X |
| VUREMOVE | | | | | X | X | X |
| VUVITSUR | | | | | X | X | X |