

MCBS WVS R67 GENERAL SPECIFICATIONS FOR BAISE/WVS

Summary of Database Tables

Version # 19.01.0001

<u>Structure</u>	<u>Summary of when Record created</u>	<u>Round Type</u>	<u>Roster</u>	<u>Primary section used</u>	<u>Description</u>
BASE	1 record per SP	ALL	n/a	GLOBAL	BASE stores basic information about the SP, including SP's CMS loaded DOB, Gender. A BASE record is generated for each SP as they are added to the study.
MRND	1 record per round	ALL	n/a	Home Office only	MRND stores round-specific management information after a round is completed in the field. The MRND record is not sent to the field. Stores a single disposition that summarizes community and all facility interviews in single round.
MRES	1 record per community and facility interview per round	ALL	n/a	GLOBAL	MRES stores Round-and respondent-specific management information, including SP's status, reference dates, interview type, Proxy information. The SP's interview type and reference dates are set at the Home Office prior to the case being fielded based on previous round information. Respondent = 01 reserved for community interview. Can have only 1 community interview in a round. Respondent = 02..99 reserved for facility interviews. Can have multiple facility interviews in a single round. Once a Respondent # is assigned to a specific facility for the SP, the Respondent # is then reserved for this facility for this SP each round the SP resides in this facility. If the SP is discharged and then returns to the facility in a later round, we will use the same Respondent #.
RCON	1 record per community and facility interview per round	ALL	n/a	Home Office only	RCON stores round-specific receipt control information. The RCON record is not sent to the field. Used by receipt shop to document case has been completed in the field and to record information sent in to the home office by the interviewer.
HOME	1 record per SP	ALL	n/a	GLOBAL	HOME stores non-round-specific interview information about SP, including Race, Military status, mailing address. Typically, data stored on HOME is collected in the first round the SP has a community interview in the study (MRES.INTTYPE = 2 or 3) and is referenced or updated in later rounds.

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ROST	1 record per person reported	ALL	Person Roster	GLOBAL	<p>ROST stores a list of all persons reported during interviews and includes non-round specific information such as person's name, relationship to SP, date of birth, and gender.</p> <p>ROST.ROSTNUM = 01 is reserved for the SP.</p> <p>The records created on ROST are displayed in the Person Roster. Each time a new person is reported, a ROST record is created. ROST records are created for SP, Proxy's, Household members, Contacts, Future Proxy, Helpers, and others.</p> <p>Throughout the instrument, the interviewer may have opportunities to update information about a person. All updates to a person's name, relationship, gender or date of birth will be updated on ROST. In addition, the updates may also be stored on ENUM if the person lives in the Household and/or ADDR if the person is a Proxy, Future Proxy or Contact. Because ENUM and ADDR records are round specific records, a history of updates entered for each person can be found on these tables.</p>
ENUM	1 record per person living in the SP's household per round, or no longer living with the SP.	ALL	Person Roster	ENS	<p>ENUM stores information regarding who lived in the Household with the SP in a specific round. Information such as name, relationship, gender, date of birth, Age and job status are stored on ENUM.</p> <p>Each round, we probe for persons who live in the household with the SP. If a person is reported as living in the household with the SP, a current round ENUM record will be created that is linked to the person's ROST record.</p> <p>In addition, if a person lived in the household with the SP in the previous round, an ENUM record is automatically created for this person in the current round. We then probe in ENS whether or not this person is still in the household. If the person is no longer in the household, the reason is stored on the current round ENUM.</p> <p>Therefore, just the existance of a current round ENUM record does not determine whether or not a person lived in the household with the SP in the current round.</p>

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ADDR	1 record per address collected/updated per person	ALL	n/a	IN, AV, CL	<p>ADDR stores round specific address, primary and secondary phone numbers, for SP, Proxy, Contacts, and the Future Proxy.</p> <p>WVS will always create ONE new ADDR record in Introduction for the SP each round. All updates to the SP's address, phone numbers or name during a round will be written to the new ADDR record. (NOTE: Cheshire created a new ADDR record ONLY when SP's name and/or address was updated).</p> <p>WVS will always create ONE new ADDR record for the Proxy in Introduction each round a person is Proxy. All updates to the Proxy's address, phone numbers, name or relationship to SP during a round will be written to the new ADDR record. (NOTE: Cheshire created a new ADDR record ONLY when Proxy's name and/or address was updated).</p> <p>In addition, each time a Contact person or a new Future proxy is reported, a current round ADDR record is created that is linked to the person's ROST record.</p> <p>The ADDR record stores the person's address and phone numbers. In addition, ADDR also stores the person's name and relationship to SP. Updates to the person's name and relationship to the SP are also updated on the person's ROST record.</p>
HLPR	1 record per person per round who helped SP.	FALL	Person Roster	HF	<p>HLPR stores round-specific information about persons who assist the SP with ADLs/IADLs/provider visits.</p> <p>In the fall round, we collect information regarding the SP's health status and usual source of care. Each time a person is reported who helps the SP, a current round HLPR record is created that is linked to the person's ROST record. HLPR stores details regarding how the person helped the SP in that round.</p>

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PLAN	1 record per health insurance plan reported	ALL	Plan Roster	HIS/HI	<p>PLAN stores a list of all Health Insurance plans reported and includes non-round specific plan information such as the name of the plan. Only one PLAN is created for each unique plan name reported.</p> <p>The records created on PLAN are displayed in the Plan Roster. Each time a new plan is reported, a PLAN record is created. The SP may then report stopping and restarting this plan anytime during the study. We collect the information about the following types of Plans:</p> <p>Medicare, Plan.PlanType = 01 PLAN.PLANNUM = 01 is reserved for Medicare and is created at the Home Office. We do not probe for Medicare in HI. Each round, the preloaded Medicare plan is automatically set to "current" on the current round PLRO.</p> <p>Medicare HMO, Plan.Plantype = 05 A Medicare HMO (MHMO) may be loaded by CMS prior to the SP's first round interview which is verified during the SP's interview. Additional MHMOs may be reported per round. Multiple MHMO plans may be reported each round, however, only 1 MHMO may be "current" in a single round. We do not collect Plan start and stop dates for MHMO plans.</p> <p>Medicaid, Plan.PlanType = 02. Only 1 PLAN for Medicaid is created on PLAN. The Plan name is automatically set to "MEDICAID". Only 1 Medicaid plan may be reported per round. We collect Plan start and stop dates for Medicaid.</p> <p>Tricare, Plan.PlanType = 06 Only 1 PLAN for Tricare is created on PLAN. The Plan name is automatically set to "TRICARE". Only 1 Tricare plan may be reported per round. We collect Plan start and stop dates for Tricare.</p> <p>Public Plans, Plan.PlanType = 03 Multiple Public plans may be reported per round. Multiple Public plans may be "current" in a single round. We collect Plan start and stop dates for Public Plans.</p> <p>Private Plans, Plan.PlanType = 04 Multiple Private plans may be reported per round. Multiple Private plans may be "current" in a single round. We collect Plan start and stop dates for Public Plans.</p> <p>For the following Plan Types, we probe if plan is a Managed Care Plan (HMO): MHMO - do not probe. Automatically defined as an HMO. Medicaid Private Plans</p>

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	PLRO	1 record per health insurance plan reported per round SP was covered by plan	ALL		HIS/HI	<p>PLRO stores round-specific Health insurance plan information, including Plan start and stop dates, whether or not plan is "current" at the time of the current round interview, plan benefits and name of main insured person.</p> <p>Each time the SP reports being covered by a health insurance plan anytime during the round, a current round PLRO record is created linked to the PLAN record. We then probe to determine if the plan is "current". Additional Plan details will be asked based on whether or not the plan is new or restarted, whether or not the plan is current, whether or not it is a fall round, and whether or not the SP is alive and not institutionalized, institutionalized, or deceased.</p> <p>If a new Health Insurance plan is reported in Health Insurance Summary, a new PLAN record is created and the Plan round number is set to the current round. However, a previous round PLRO is created that is linked to the</p>
	DMEM	1 record per Discount Membership plan reported	ALL	n/a	DM	<p>DMEM stores non-round-specific discount membership plan information, such as the name of the discount membership plan.</p> <p>Each time a new discount membership plan is reported, a DMEM record is created. The SP may then report stopping and restarting this plan anytime during the study.</p> <p>A DMEM record must exist for each DMRO created.</p>
	DMRO	1 record per Discount Membership plan reported per round SP was covered by DM	ALL	n/a	DM	<p>DMEM stores round-specific discount membership information, including plan benefits.</p> <p>Each time the SP reports being covered by a discount membership plan anytime during the round, a current round DMRO record is created linked to the DMEM record.</p>
	PROV	1 record per Provider reported	ALL	Provider Roster	GLOBAL	<p>PROV stores list of all Medical Providers reported and includes non-round specific information such as the name of the provider and whether or not the provider is associated with the SP's HMO.</p> <p>When probing about medical visits and events in utilization sections, we first probe for the name of the provider. Each time a new provider is reported, a PROV record is created. The provider is then linked to each Dr. visit reported on EVNT by EVNT.EVNTPROV.</p> <p>PROV.PROVNUM = 01 is reserved for Other Medical Expense EVNTs and is linked to all OM EVNTs.</p> <p>PROV.PROVNUM = 02 is reserved for PM EVNTs and is linked to all PM EVNTs.</p> <p>PROVNUM 01 and 02 are never displayed in the Provider Roster.</p>

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EVNT		1 record per Dr. Visit, OME, PM, HF/HH provider.	ALL	Event Begin Date Roster Event Begin Date RV Roster Prescription Medicine Roster Statement Event Roster Statement Event Edit Roster Statement OM Edit Roster	GLOBAL UTILIZATION SECTIONS	<p>EVNT stores a list of Medical events (i.e. Doctor visits, Hospital stays, PM purchases, Other medical expenses) and includes round-specific information such as type of event, event date, and event details.</p> <p>In the utilization sections, we probe for information about all Dr. visits (Dentists, Medical Providers), visits to the ER, Hospital stays, Institutional stays, outpatient department visits, visits from Home Health Care professionals, PM purchases and Other Medical Expense purchases.</p> <p>Each time one of these events occur, an EVNT record is created. There are 3 exceptions: 1) Only one EVNT will be created for each unique Home Health Provider reported. Round specific details for each Home health visit is stored on HERO linked to EVNT. 2) Only one EVNT will be created for each unique Prescription Medicine name. Round specific details for each PM, such as # of purchases, is stored on PMRO linked to EVNT. 3) Only one EVNT will be created for each the following Other Medical Expenses: Ostomy Supplies, Incontinence Supplies, and Bandages. Round specific details for each of these OMEs, such as # of purchases, is stored on PMRO linked to EVNT.</p> <p>Depending on the event type, specific event details are asked, such as date of event or number of purchases.</p> <p>Each EVNT record is linked to a provider record by a foreign key, EVNT.EVNTPROV. OM EVNTs are always linked to EVNT.EVNTPROV=01. PM EVNTs are always linked to EVNT.EVNTPROV=02.</p>
EVOS		1 record per OS text per EVNT	ALL	n/a	GLOBAL UTILIZATION SECTIONS	<p>EVOS stores round specific other-specify information for medical events.</p> <p>Event details that allow for Other Specify text response are stored on a new EVOS record linked to EVNT. EVOS stores the other specify text response and the Item tag where the text was collected.</p> <p>In WVS, we are collecting these fields on EVNT in the SQL database, however, we will be transforming the EVNT fields back to EVOS after the case has been fielded.</p>
HEAL		1 record per HH/HF EVNT	ALL	n/a	Not currently in WVS	<p>HEAL stores initial Home health care information for each new Home Health Provider event. Although HEAL is still being created in Cheshire, we are no longer storing deliverable information on HEAL. In WVS, we chose not to create a HEAL record in SQL and will need to create the HEAL record after the case has been fielded.</p>
HERO		1 record per HH/HF EVNT per round	ALL	n/a	HHS/HH	<p>HERO stores round-specific home health care provider details.</p> <p>Each time a Home Health care provider visits the SP, a current round HERO is created linked to the Home Health care provider EVNT. HERO stores current round event details such as how often the provider visited the SP.</p> <p>In addition, if the Home Health care provider provided care in the previous round, a current round HERO is automatically created in the current round. We then probe in HHS whether or not the Provider continued to provide Home Health care in the current round. Therefore, just an existence of a current round HERO does not determine whether or not the Home Health provider provided care in the current round.</p>

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SURG	1 record per Surgery reported per EVNT Max 3 Surgeries.	ALL	n/a	IP, OP, MP	SURG stores the name of each surgery reported for IP, OP, and MP events. Up to 3 surgeries can be reported per event. Each surgery reported is stored on a new record on SURG linked to the EVNT record. There will be a maximum of 3 SURG records linked to a single EVNT record. SURG stores the name of the surgery.
PMRO	1 record per PM EVNT per round	ALL	n/a	OM, PM	PMRO stores round-specific information related to prescribed medicines filled or purchases of Other Medical Expense Ostomy Supplies, Incontinence Supplies, or Bandages. Each time the SP reports having a prescription filled, a current round PMRO record is created linked to the PM EVNT record. PMRO stores the current round number of PM purchases, PM form, strength, amount. Each time one of the following OMEs, Ostomy Supplies, Incontinence supplies, or Bandages, is reported, a current round PMRO record is created and linked to the OM EVNT record. PMRO stores the current round number of OM purchases. If a PM or OM is reported in Utilization Summary or Prescription Medicine Summary, a previous round PMRO record is created that is linked to the PM or OM EVNT record. If the EVNT is added new, the EVNT.EVNTNRDC will be set to the current round and a flag is set on EVNT to indicate that the EVNT was created in a summary
XMED	1 record per PM reported per EVNT	ALL	n/a	Utilization	XMED is a linking table that links a non-PM EVNT record to one or more PM EVNT records. For certain event types added in utilization, we probe whether or not the provider prescribed any medicines. Because prescription medicines are also stored on EVNT, we use XMED to link the Dr. visit EVNT being asked about to the PM EVNT. There may be multiple PM EVNTs linked to a single Dr. visit EVNT.
XCON	1 record per Condition reported per EVNT	ALL	n/a	Utilization	XCON is a linking table that links an EVNT record to one or more COND records. For certain event types added in utilization, we probe whether or not the Dr. visit was for a specific condition. Since Conditions are stored on COND, we use XCON to link the Dr. visit EVNT being asked about to the COND record for each condition selected. There may be multiple CONDS linked to a single Dr. visit EVNT.
COND	1 record per Medical Condition reported	ALL	Condition Roster	GLOBAL UTILIZATION SECTIONS	COND stores a list of all Medical Conditions reported and includes non-round specific information such as the name of the condition. Each time a new condition is reported in utilization, a COND record is created and linked the EVNT being asked about

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COST		1 record per ST, NS COST data reported	ALL	Statement Charge Bundle Roster	ST, PS, NS, CPS	<p>COST stores a list of Statement and non-Statement charge bundles reported in the Statement and No Statement sections.</p> <p>After collecting utilization events, we probe for statements. Each statement reported results in a new COST record generated that is then linked to the EVNTs listed on the statement.</p> <p>After collecting Statements, we then probe for charges in the No Statement section for any event that does not have a statement associated with it. A Charge Bundle COST record is generated for each remaining EVNT record. Multiple EVNTs may be linked to the same charge bundle COST record created in the No Statement section. The result is that each EVNT record will be linked to a COST record before completing the interview. The only exception to this is ongoing Rent-to-Buy events.</p>
COSA		1 record per MSN COST reported	ALL	n/a	ST, PS, NS, CPS	<p>COSA stores the Medicare Summary Notice claim control numbers collected in the Statement section. Because not all health insurance statements are MSN's and since the MSN claim control numbers are lengthy, we chose to store the claim numbers on a separate table.</p>
CORO		1 record per COST per round	ALL	n/a	ST, PS, NS, CPS	<p>CORO stores round-specific cost information, such as total charges, medicare payments, amount remaining.</p> <p>Each time a new charge bundle is reported, either a Statement or charges in the No Statement section, a current round CORO is created linked to the Charge Bundle COST record. Charge bundles are not only asked about in the current round, but may also be asked about in the COST Payment Summary section for up to rounds that follow. The purpose of the COST Payment Summary section is to collect charge or payment information that may have been unavailable in the previous round. This information is stored on the round specific CORO record linked to the COST record.</p>
PAYM		1 record per SOP Payment reported	ALL	n/a	ST, PS, NS, CPS	<p>PAYM stores Charge Bundle payment information.</p> <p>Each time a Charge Bundle is reported, we probe for sources of payments. For each payment reported, the type of payer and the amount paid is stored on PAYM and is linked to the Charge bundle COST record. The types of payers may include the SP/Family, Provider Discount, Medicare, the SP's Health Insurance Plans, the SP's Discount Membership plans, or an Other type of Source of Payment.</p> <p>If the Source of Payment is a health insurance plan, discount membership plan or an other type of Source of Payment, PAYM stores a foreign key that links to the PLAN, DMEM, or OSOP tables.</p>
XCEV		1 record per EVNT linked to COST per charge bundle	ALL	n/a	ST, PS, NS, CPS	<p>XCEV is a linking table that links a COST record to one or more EVNT records.</p> <p>Each time a Charge Bundle is reported, the events covered by the charge bundle are linked to the Charge Bundle COST record. Multiple EVNTs may be linked to a COST record.</p>
REIM		1 record per reimbursement reported	ALL	n/a	CPS	<p>REIM stores reimbursement information. Each reimbursement received is stored on a new record on REIM.</p>

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TSOP	1 record per possible SOPs, including PLANs, DMEMs, OSOPs, others	ALL	SOP Roster	ST, NS, CPS	TSOP is a temporary table that is used to load all possible Sources of Payments at the Source of Payment roster. The possible Sources of Payments include the SP/Family, Provider Discount, Medicare, the SP's Health Insurance Plans, the SP's Discount Membership plans, or an Other type of Source of Payment. The TSOP table is loaded during the interview. The data is used only during data collection and is not transformed back to the home office.
OSOP	1 record per Other Source of Payment reported	ALL	n/a	ST, NS, CPS	OSOP stores a list of Other Sources of Payments and includes non-round specific information such as the name of the Source of Payment. Each time a new Other Source Of Payment is reported, a new OSOP record is created that is linked to the Payment PAYM record. Once an Other Source Of Payment is reported, it remains on the Source of Payment Roster and may be selected for future Charge Bundles.
HRND	1 record per interview per round	ALL	n/a	GLOBAL	HRND stores miscellaneous round-specific community interview data, including utilization/health insurance/cost series probes, Medicare and Medicaid card information, marital status, # children, information collected in Closing, such as SP's vacation home address, Contact 1 and 2 information, Future Proxy information, Next interview phone number and name.
HEST	1 record per interview per SUPPLEMENT	FALL	n/a	HF	HEST stores round specific information collected in the Health status and functioning supplemental section (except ADLs/IADLs).
IADL	1 record per interview per SUPPLEMENT	FALL	n/a	HF	IADL stores round specific information collected in the Health status and functioning supplemental section related to IADLs.
ADLS	1 record per interview per SUPPLEMENT	FALL	n/a	HF	ADLS stores round specific information collected in the Health status and functioning supplemental section related to ADLS.
HOUS	1 record per interview per SUPPLEMENT	FALL	n/a	HA	HOUS stores round specific information collected in the Housing Characteristic supplemental section.
KNOW	1 record per SUPPLEMENT round	WINTER	n/a	KN	KNOW stores round specific information collected in the Beneficiary Knowledge and Information Needs supplemental section.
PDRX	1 record per interview per SUPPLEMENT	WINTER and SUMMER	n/a	PD - WINTER RX - SUMMER	PDRX stores round specific information collected in the Medicare Part D Drug Benefit supplemental section.
PACT	1 record per SUPPLEMENT round	SUMMER	n/a	PA	PACT stores round specific information collected in the Patient Activation supplemental section.
INFO	1 record per SUPPLEMENT round	?	n/a	DROPPED	INFO stores round specific information collected in the Sources of information about Medicare supplemental section.
INVB	1 record per Verbatim text string per SUPPLEMENT round	?	n/a	DROPPED	INVB stores Verbatim text collected in Sources of Information about Medicare supplemental section. Each line of text collected on the Verbatim screen is stored on a new record on INVB. INVB stores the VB text and the item tag where the text was collected.

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ONLN	1 record per SUPPLEMENT round	?	n/a	DROPPED	ONLN stores round specific information collected in the Knowledge and opinions about HCFA Online supplemental section.
BKNO	1 record per SUPPLEMENT round	?	n/a	DROPPED	BKNO stores round specific information collected in the Knowledge about Medicare supplemental section.
BNED	1 record per SUPPLEMENT round	?	n/a	DROPPED	BNED stores round specific information collected in the Beneficiary Information Needs supplemental section.
PFPR	1 record per SUPPLEMENT round	?	n/a	DROPPED	PFPR stores round specific information collected in the Pharmacy Patient Profile supplemental section.
MKIQ	1 record per SUPPLEMENT round	?	n/a	DROPPED	MKIQ stores round specific information collected in the Medicare Knowledge Supplement (combines BKNO, BNED, KNOW) supplemental section.
DMRX	1 record per SUPPLEMENT round	?	n/a	DROPPED	DMRX stores round specific information collected in the Discount Prescription Drug card use supplemental section.
MADD	1 record per SUPPLEMENT round	?	n/a	DROPPED	MADD stores round specific information collected in the Medicare Approved prescription drug card supplemental section.
ACCS	1 record per interview per SUPPLEMENT	FALL	n/a	AC, SC, US	ACCS stores round specific information collected in the Access to Care supplemental section.
INCO	1 record per interview per SUPPLEMENT	SUMMER	n/a	IA	INCO stores round specific information collected in the Income and Assets supplemental section.
NEWS	1 record per interview per round	?	n/a	??	NEWS stores round specific information collected for the New Enrollee Sample in R46.
HCAR	NO LONGER USED	?	n/a	NO	HCAR stores a list of Home health care provider survey information collected. An HCAR record must exist if an HPER record is created.
HPER	NO LONGER USED	?	n/a	NO	HPER stores round specific information for Home health care provider survey information collected.
SURV	1 record each time case is accessed/updated	ALL	n/a	Not currently in WVS	SURV stores a history of case access, including date and time stamp and function performed. Each time a case is accessed, a SURV record is created.
IRQS	1 record per interview per round	ALL	n/a	IRQ	IRQS stores round specific information collected in the Interviewer Remarks questionnaire.
TRNS	1 record per update. Fields that require TRNS record are specified by design	ALL	n/a	Not currently in WVS	TRNS stores a history of field updates made to prior round data. Each time prior round data is updated in the field, a TRNS record is created that stores the name of the field updated, the table and Key that was updated, the old value and the new value. Not all fields updated will have a TRNS record created. This is determined by the project staff.

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Database Table Keys

Structure	KEY	KEY FIELD NAME	Fields that are a subset of KEY FIELD NAME				Round # record created, not part of key.	Summary of Data stored	
BASE		Sample Person ID (8)	BASEID	BASEID			n/a	Basic information from CMS	
MRND		BASEID (8) + Round # (2)	MRNDID	MRNDBASE	MRNDRND		n/a	Round Specific dispositions	
MRES		MRNDID (10) + Respondent # (2)	MRESID	MRESBASE	MRESRND	MRESRESP (01)	n/a	Interview Specific Interview Type, reference dates, respondent information, and dispositions	
RCON		MRNDID (10) + Respondent # (2)	RCONID	RCONBASE	RCONRND	RCONRESP (01)	n/a	Receipt Control data	
HOME		BASEID (8)	HOMEID	HOMEBASE			n/a	Non-round specific general information	
ROST		BASEID (8) + Sequential # (2)	ROSTID	ROSTBASE	ROSTNUM		ROST.ROSTRNDC	Persons	
ENUM		ROSTID (10) + Round # (2)	ENUMID	ENUBASE	ENUMROST	ENUMRND	n/a	Household Information	
ADDR		ROSTID (10) + Address Sequential #	ADDRID	ADDRBASE	ADDRROST	ADDRNUM	ADDR.ADDRRNDC	Address Information	
HLPR		ROSTID (10) + Round # (2) + Sequential # (2)	HLPRID	HLPRBASE	HLPRROST	HLPRRND	HLPRRESP (01)	Person's who help the SP	
PLAN		BASEID (8) + Sequential # (2)	PLANID	PLANBASE	PLANNUM		PLAN.PLANRNDC	Health Insurance plans	
PLRO		PLANID (10) + Round # (2)	PLROID	PLROBASE	PLROPLAN	PLRORND		Round specific Health Insurance coverage information	
DMEM		BASEID (8) + Sequential # (2)	DMEMID	DMEBASE	DMEMNUM		DMEM.PLANRNDC	Discount Membership plans	
DMRO		DMEMID (10) + Round # (2)	DMROID	DMROBASE	DMRODMEM	DMRORND	n/a	Round specific Discount Membership plan coverage information	
PROV		BASEID (8) + Sequential # (2)	PROVID	PROVBASE	PROVNUM		PROV.PROVRNDC	Providers	
EVNT		BASEID (8) + Sequential # (3)	EVNTID	EVNTBASE	EVNTNUM		EVNT.EVNTRNDC	Medical visits and purchases	
EVOS		EVNTID (11) + Sequential # (2)	EVOSID	EVOSBASE	EVOSVNT	EVOSNUM	EVOS.EVOSRNDC	Other Specify Text per Medical visit/purchase	
HEAL		EVNTID (11)	HEALID	HEALBASE	HEALEVNT		HEAL.HEALRNDC	Home Health visits	
HERO		EVNTID (11) + Round # (2)	HEROID	HEROBASE	HEROEVNT (HEROHEAL in Cheshire)	HERORND	n/a	Round specific Home Health visit information	
SURG		EVNTID (11) + Sequential # (2)	SURGID	SURGBASE	SURGEVNT	SURGNUM	SURG.SURGRNDC	Surgeries per Medical visit	
PMRO		EVNTID (11) + Round # (2)	PMROID	PMROBASE	PMROEVNT	PMRORND	n/a	Number of purchases per Medical PM or OM purchase	
XMED		EVNTID (11) OF VISIT + EVNTID (11) OF MEDICINE	XMEDID	XMEDBASE	XMEDEVNT	XMEDBAS2	XMEDEV2	XMED.XMEDRNDC	Links PM purchases to Medical visits
XCON		EVNTID (11) + CONDID (10)	XCONID	XCONBASE	XCONBASE	XCONBAS2	XCONCOND	XCON.XCONRNDC	Links Conditions to Medical visits
COND		BASEID (8) + Sequential # (2)	CONDID	CONDBASE	CONDNUM		COND.CONDRNDC	Conditions	
COST		BASEID (8) + Sequential # (3)	COSTID	COSTBASE	COSTNUM		COST.COSTRNDC	Charge Bundles	

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Database Table Keys

Structure	KEY	KEY FIELD	Fields that are a subset of KEY FIELD NAME				Round # record	Summary of Data stored
		NAME				created, not part of key.		
COSA	COSTID (11)	COSAID	COSABASE	COSACOST			COSA.COSARNDC	Charge Bundle MSN numbers
CORO	COSTID (11) + Round # (2)	COROID	COROBASE	COROCOST	CORORND		n/a	Round specific charge bundle information
PAYM	COSTID (11) + Sequential #	PAYMID	PAYMBASE	PAYMCOST	PAYNUM		PAYM.PAYMRNDC	Payment information per charge bundle
XCEV	COSTID (11) + EVNTID (11)	XCEVID	XCEVBASE	XCEVCOST	XCEVBAS2	XCEVEVNT		Links charge bundle to Medical visits and purchases
REIM	BASEID (8) + Sequential # (3)	REIMID	REIMBASE	REIMNUM			REIM.REIMRNDC	Reimbursements
TSOP	BASEID (8) + Sequential # (2)	TSOPID	TSOPBASE	TSOPNUM			TSOP.TSOPRNDC	Sources of Payments
OSOP	BASEID (8) + Sequential # (2)	OSOPID	OSOPBASE	OSOPNUM			OSOP.OSOPRNDC	Other Source of Payments
HRND	BASEID (8) + Round # (2) + Respondent #(2)	HRNDID	HRNDBASE	HRNDRND	HRNDRESP (01)		n/a	Interview Specific probes, general information
HEST	HRNDID (12)	HESTID	HESTBASE	HESTRND	HESTRRESP (01)		n/a	Health Status information
IADL	HRNDID (12)	IADLID	IADLBASE	IADLRND	IADLRESP (01)		n/a	Health Status information
ADLS	HRNDID (12)	ADLSID	ADLSBASE	ADLSRND	ADLSRESP (01)		n/a	Health Status information
HOUS	HRNDID (12)	HOUSID	HOUSBASE	HOUSRND	HOUSRESP (01)		n/a	Housing information
KNOW	HRNDID (12)	KNOWID	KNOWBASE	KNOWRND	KNOWRESP (01)		n/a	Beneficiary Knowledge information
PDRX	HRNDID (12)	PDRXID	PDRXBASE	PDRXRND	PDRXRESP (01)		n/a	Medicare Prescription Drug Plan
PACT	HRNDID (12)	PACTID	PACTBASE	PACTRND	PACTRESP (01)		n/a	Patient Activation
INFO	HRNDID (12)	INFOID	INFOBASE	INFORND	INFORESP (01)		n/a	
INVB	INFOID (12) + Sequential #	INVBID	INVBBASE	INVBTRND	INVBRESP (01)	INVBNUM	n/a	
ONLN	HRNDID (12)	ONLNID	ONLNBASE	ONLNRND	ONLNRESP (01)		n/a	
BKNO	HRNDID (12)	BKNOID	BKNOBASE	BKNORND	BKNORESP (01)		n/a	
BNED	HRNDID (12)	BNEDID	BNEDBASE	BNEDRND	BNEDRESP (01)		n/a	
PFPR	HRNDID (12)	PFPRID	PFPRBASE	PFPRRND	PFPRRESP (01)		n/a	
MKIQ	HRNDID (12)	MKIQID	MKIQBASE	MKIQRND	MKIQRESP (01)		n/a	
DMRX	HRNDID (12)	DMRXID	DMRXBASE	DMXRND	DMRXRESP (01)		n/a	

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Structure	KEY	KEY FIELD NAME	Fields that are a subset of KEY FIELD NAME				Round # record created, not part of key.	Summary of Data stored
MADD	HRNDID (12)	MADDID	MADDBASE	MADDRND	MADDRESP (01)		n/a	
ACCS	BASEID (8) + Round # (2)	ACCSID	ACCSBASE	ACCSRND			n/a	Access to Care
INCO	BASEID (8) + Round # (2)	INCOID	INCOBASE	INCORND			n/a	Income and Assets
NEWS	BASEID (8) + Round # (2)	NEWSID	NEWSBASE	NEWSRND			n/a	
HCAR	BASEID (8) + Round # (2)	HCARID	HCARBASE	HCARRND			n/a	
HPER	HCARID (10) + Sequential # (3)	HPERID	HPERBASE	HPERRND	HPERNUM		n/a	
SURV	BASEID (8) + Date + Time	SURVID	SURVBASE	SURVDATE	SURVTIME			Interview management informaiton
IRQS	BASEID (8) + Round # (2) + Respondent # (2)	IRQSID	IRQSBASE	IRQSRND	IRQSRESP (01)		n/a	Interviewer comments
TRNS	BASEID (8) + Sequential # (5)	TRNSID	TRNSBASE	TRANSNUM			TRNS.TRNSRND	Record of changes made to database

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Database Critical fields

Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
BASE	Preloaded	SAMPTYPE			Indicates the SP's sample when entering study. Not referenced in instrument specs.
	Preloaded	EXITRND			(EXITRND - 1) indicates the last round SP will be in sample. The EXIT round is always a Summer Round. Not referenced in instrument specs. Instead, MRES.INTTYPE = 8 or 9 indicates the SP in their exit round.
	Preloaded	SPDOBMM/DD/YY SPSEX			SP's DOB and gender from CMS is loaded on BASE and then verified in Introduction (IN) in the SP's first community interview (MRES.INTTYPE = 2 or 3). The SP's DOB is then copied to ROST.
	Preloaded	HS flags			When fielding the fall round supplement, Health Status and Functioning (HF), we set flags on BASE which indicate which questions have already been asked in prior round HF sections. The flags stored on BASE affect the routing in the current Fall round HF section.
	Preloaded	LASTEVNT LASTCOST LASTREIM LASTTRNS			Highest record numbers for EVNT, COST, REIM and TRNS. Used to determine which next sequential # should be used when creating new records in the instrument.
MRND			NOT USED IN TESTING		
	MRES	Preloaded	MRESRND		Part of Key. Is used to identify the ROUND # being administered.
		Preloaded	MRESRESP		Part of Key. Is always set to "01" for community interview. "02" through "99" is reserved for facility interviews.

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Database Critical fields

Structure	<u>Section collected</u>	<u>Important fields</u>	<u>RECORD DELETE FLAG?</u>	<u>FK?</u>	
	Preloaded	INTTYPE			<p>Current round interview type:</p> <p>1 StandardHadPrev Most common interview type. SP received a community interview in the previous round.</p> <p>2 NewFromFacility SP's previous round interview was in a facility. SP has never had a community interview.</p> <p>3 NewFromSupplement SP's first round community interview, the 1st round SP is in study. Fall round only.</p> <p>4 StandardSkippedPrev SP's last interview was in the community 2 rounds ago. SP skipped previous round.</p> <p>5 LastRndFacSum SP's previous round interview was in a facility. SP had a community interview 2 rounds ago.</p> <p>6 LastRndFacBase SP's previous round interview was in a facility. SP had a community interview 3 + rounds ago.</p> <p>7 SupSmp1stTimeUtil SP's 2nd round in the study. SP is being administered the utilization sections for the 1st time. Winter round only.</p> <p>8 ExitInterviewHadPrev SP's last round interview. SP had a previous round interview. Summer round only.</p> <p>9 ExitInterviewSkipPre SP's last round interview. SP skipped the previous round interview. Summer round only.</p> <p>10 SupSmp1stTimeUtilSkipped SP's 2nd round in the study. SP skipped the previous round. SP is</p>
	Preloaded	PREVCOM1			
	Preloaded	PREVCOM2			
	Preloaded	MREFDATE			<p>REFERENCE DATE.</p> <p>Typically is set to the date of the previous round interview and is used to collect new data since the previous round interview date.</p> <p>"REFERENCE DATE" to "TODAY/DATE OF DEATH/DATE OF INSTITUTION" is used to define the current round data collection time period.</p>

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Database Critical fields

Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
	Preloaded	SUMMBDAT			<p>SUMMARY REFERENCE DATE. Typically set to the previous round MREFDATE and is used in SUMMARY sections to collect/update data collected for the previous round data collection time period.</p> <p>"SUMMARY REFERENCE DATE" to "REFERENCE DATE" is used to define the summary section data collection time period in LITS, HIS, PMS.</p>
	Preloaded	SRPBDAT			<p>SURVEY REFERENCE DATE. Typically set to 2 rounds previous MREFDATE and is used in COST sections to collect charge data for the past year.</p> <p>"SURVEY REFERENCE DATE" to "TODAY/DATE OF DEATH/DATE OF INSTITUTION" is used to define the Cost series data collection time period in ST, PS, NS and CPS.</p>
	Calculated by program	Round Type - TEMP			WVS specific calculated round type: FALL, WINTER, SUMMER. Is used in routing instructions to determine which sections/questions are asked depending on which round is being administered.
	Calculated by program	Previous Round - TEMP			WVS specific calculated previous round based on MRES.INTTYPE. Previous round = (CURRENT ROUND - 2) if SP skipped previous round (MRES.INTTYPE = 4, 9, 10). Else Previous round = (CURRENT ROUND - 1).
	IN	SPALIVE			<p>SP's status if first collected into a temporary field, SPAISTATUS, which has response options 1 thru 4.</p> <p>MRES.SPALIVE is set in the background based on SPAISTATUS: If SPAISTATUS = 4, set MRES.SPALIVE = 2. Else MRES.SPALIVE = SPAISTATUS.</p> <p>MRES.SPALIVE = 1 Alive 2 AliveAndInstitute 3 Deceased</p> <p>MRES.SPALIVE is not asked for Supplemental Sample. Therefore MRES.SPALIVE = empty typically</p>
	IN	SPINSTMM SPINSTDD SPINSTYY			Date of institutionalization.
	IN	SPDIEMM SPDIEDD SPDIEYY			Date of death.
	IN	SPPROXY			Respondent is SP or Proxy 1 SP 2 Proxy
	IN	RROSTNUM		FK	ROST.ROSTNUM for respondent. ROST.RROSTNUM = 01 if SP is the respondent. If Proxy interview, Proxy is added/selected from Person Roster and MRES.RROSTNUM is set to Proxy's ROST ROSTNUM
	IN	RADDRNUM		FK	ADDR.ADDRNUM for last ADDR collected for respondent. IS THIS STILL BEING USED?

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Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
	Breakoff, CL/EX	MRESBDAT MRESEDAT			These fields stamp the date the interview was first accessed in a round, the last date the interview was accessed.
	Breakoff, CL/EX	MENDDATE			Stores the current round reference end date (i.e. MRESEDAT, Date of Death, or Date of Institution). Verify this information.
	Beginning of Interview	EVRESTR TEMP - LASTRESP TEMP - LASTSTATUS		FK	Set in Introduction when restarting interview. Set's MRES.EVRESTR = 1 that flags that the case is a RESTART. Set's LASTRESP and LASTSTATUS before collecting new Respondent and SP's Status.
	Global	TIME STAMPS			MRES stores the Cheshire Time stamps. Not currently used by WVS.
RCON					NOT USED IN TESTING
HOME	ENS (OLD EN)	SPAFEVER SPNGEVER			SPAFEVER = 1 or SPNGEVER = 1 indicates SP served in Armed Forces. Is collected in SP's first community interview in ENS (INTTYPE = 2 or 3). Is referenced in later rounds when determining whether or not to ask HIT11 - MTFCOVER and HI36 - VACOVER
	AV	MSTADDR1 MSTADDR2 MCITY MSTATE MZIPCODE			SP's mailing address. Is collected/updated each round in AV section.
ROST	IN, ENS, Global	ROSTNUM			Part of Key. Person number.
	IN, ENS, Global	ROSTFNAM ROSTMNI ROSTLNAM			First Name, Middle initial, Last Name. Middle Initial is only collected for SP.
	IN, ENS, Global	ROSTREL ROSTRELOS			Relationship to SP
	IN, ENS	ROSTSEX			Gender
	IN, ENS	HHDOBMM HHDOBDD HHDOBY			Date of Birth
	ENS	ENSFLAG			Used to determine route to ENS10. If Person is missing DOB or Gender, ENS10 prompts for updates. ROST.ENSFLAG is set to 1 when ENS10 is asked so that ENS10 is not asked again in a later round.
		PROVNUMR		FK	PROV.PROVNUM - no longer used?
	ENUM	ENS	ENUMROST		Part of Key. Person number. Matches person's ROST.ROSTNUM.
		ENS	ENUMRND		Part of Key. Round # in household.
		ENS	NOTHRSN		If the person was in the household in the previous round and is reported as "no longer in the Household" in the current round, a current round ENUM record is generated and the reason why the person is no longer in the household is stored on ENUM.NOTHRSN.
		ENS	ENUMFNAM ENUMLNAM		First Name, Last Name
		ENS	HHPREL/HHPRELOS		Relationship to SP
		ENS	HHPSEX		Gender

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Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
	ENS	HHDOBMM/DD/YY			Date of Birth
	ENS	HHPAGE			Calculated based on date of birth or can entered if Date of Birth = DK, RF.
ADDR	AV, CL	ADDRROST			Part of Key. Person number. Matches person's ROST.ROSTNUM.
	AV, CL	ADDRNUM			Part of Key. Sequential number. The most recent ADDR collected for a person will be stored on the highest ADDRNUM.
	AV, CL	ADDRRNDC			Round # ADDR created. SP and Proxy will automatically have an ADDR created where ADDR.ADDRRNDC = current round. All updates will be written to this record. A person may not always have an ADDR record for every round. We use the highest ADDR.ADDRNUM for ADDR.ADDRROST to locate the most current address information.
	AV, CL	STADDR1 STADDR2 CITY STATE ZIPCODE			We collect two fields for Street Address. Only the first street address field is required.
	AV, CL	PHONAREA PHONEXCH PHONLOCL			Primary Phone number. ADDR.PHONAREA = 999 indicates that person does not have primary phone. We do not probe for Second Phone number if ADDR.PHONEAREA = 999 or RF.
	AV, CL	PHONAR2 PHONEX2 PHONLO2			Secondary Phone number. ADDR.PHONAR2 = 999 indicates that person does not have second phone.
	AV, CL	ADDRFNAM ADDRMINI ADDRLNAM			First Name, Middle initial, Last Name. Middle Initial is only collected for SP.
	AV, CL	RELASHIP RELSHPOS			Relationship to SP
HLPR	HF	HLPRROST			Part of Key. Person number. Matches person's ROST.ROSTNUM.
	HF	HLPRMOST			HLPRMOST = 1 flags person as person who helps the most.
	HF	HLPRUSGO			HLPRUSGO = 1 flags person as person who goes with the SP the most.
PLAN	HIS/HI	PLANNUM			Is part of key. Plan number.
	HIS/HI	PLANHIDE	DELETE FLAG		NOT USED.
	HIS/HI	PLANDFLG	DELETE FLAG		Flags PLAN has been deleted.
	HIS/HI	MHMODFLG	DELETE FLAG		Flags MHMO has been deleted.
	HIS/HI	LOSEPLFG	DELETE FLAG		Flagged by data editing when PLAN used to be valid, but has been replaced by something else. PLAN should not be displayed in PLAN roster or as Source of Payment.
	HIS/HI	PLNAME			Name of Health Insurance plan MEDICARE, MEDICAID, and TRICARE are automatically set for these plan types.
	HIS/HI	PRVHMO			Only stores the first time we collect whether or not private plan is an HMO. Should reference current round PLRO.PPRVHMO when checking HMO status.
	HIS/HI	PLMIPNUM		FK	Only stores the first time we collect ROST.ROSTNUM of main insured person. Should reference current round PLRO.MIPNUM when checking MIP.

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Structure				Section collected	Important fields	RECORD DELETE FLAG?	FK?	
				HIS/HI	PRVBUS			Only stores the first time we collect name of busines for MIP. Should reference current rond PLRO.PPRVBUS when checking MIP business.
			PLRO	HIS/HI	PLROPLAN			Part of Key. Matches PLAN.PLANNUM for plan.
				HIS/HI	COVTIME COVNOW			COVTIME stores whether or not the SP was covered the whole time since the previous round. COVNOW stores whether or not the SP is covered now, at the time of the interview. COVTIME = 1/WholeTime or COVNOW = 1/Yes indicates that the Medicare, Tricare, Public or Private plan is "current" at the time of the interview. There can only be 1 Medicaid plan, whether or not plan is "current". There can only be 1 Tricare plan, whether or not plan is "current".
				HIS/HI	COVANYTM COVCURNT			COVANYTIM = /Yes indicates that the SP had the MHMO anytime during the current round, however, this does not indicate the the plan is "current". COVCURNT = 1/Yes indicates that the MHMO is "current". There can be multiple MHMO plans in a single round. Only 1 MHMO can be "current". COVCURNT is set "in the background" in HIS/HI based on other responses
				HIS/HI	MCAIDHMO			MCAIDHMO = 1/Yes indicates that the Medicaid plan is an HMO in the current round.
				HIS/HI	PPRVHMO			PPRVHMO = 1/Yes indicates that the private plan is an HMO in the current round.
				HIS/HI	MIPNUM		FK	ROST.ROSTNUM of main insured person in current round.
				HIS/HI	PPRVBUS			Name of business for MIP in the current round.
			DMEM	HIS/HI	PPRVBUS			Name of business for MIP in the current round.
					LOSEDMFG	DELETE FLAG		Flagged by data editing when DMEM used to be valid, but has been replaced by something else. DMEM should not be displayed in DM roster or as Source of Payment.
				DM	DMNAMEX			Name of DM plan. Cheshire stored this name under DMEM.DMNAME, however, we needed to lengthen the field. The new field name in WVS is DMEM.DMNAMEX.
			DMRO	DM	DMRODMEM			Part of Key. Matches DMEM.DMEMNUM for DM plan.
			PROV	Global Utilization	PROVNUM			Part of Key. Provider number.
				Global utilization	PROVNAME			Name of Provider
				Global Utilization	PROVSPEC			Provider Specialty. Collected in the following utilization sections: HHS/HH
				Global utilization	PROVTYPE			Provider Type Collected in the following utilization sections: HHS/HH

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Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
	HH	SUBPROV			Name of HH provider who belongs to Provider Organization. In HH, when we probe for a Home Health provider, we ask if the provider works for an organization. If yes, we collect and store the name of the organization on PROV and then store the 1st provider name as PROV.SUBPROV on the 2nd PROV record. The 1st PROV record is deleted if it was a new provider
	HH	SUBPRVFK			ND. Set on HH2, HH19, ST27, and/or NS27 HH PROV when selected as a sub-provider for HH5 provider. Set to HH5 PROV.PROVNUM.
	Global utilization	VAPLACE			VAPLACE is asked about providers in utilization sections. VAPLACE = 1/Yes indicates that the provider is associated with VA. VAPLACE is only asked if the SP served in the Armed forces (HOME.SPFAEVER = 1 or HOME.SPNGEVER = 1) and SP received health care services through VA (HRND.VACOVER = 1/Yes) and VAPLACE has not been asked for provider. Once VAPLACE has been asked for a provider, it is not asked again.
	Global utilization	HMOASSOC			HMOASSOC is asked about providers in utilization sections. HMOASSOC = 1/Yes indicates that the provider is associated with the HMO. HMOASSOC is only asked if the SP has an HMO anytime during the current round and HMOASSOC has not been asked for provider. Once HMOASSOC has been asked for a provider, it is not asked again. If HMOASSOC = 2/No, DK or RF and SP has an HMO anytime during the current round, we ask EVNT.HMOREFER for each event reported for provider.
		ROSTNUMR PROVNUMR		FK FK	ROST.ROSTNUM - NO LONGER USED? ROST.ROSTNUM - NO LONGER USED?
COND	Global utilization	CONDNUM			Part of Key. Condition number.
	Global utilization	CONDTION			Name of Condition
EVNT	Global Utilization	EVNTNUM			Part of Key. Event number.
	Global Utilization	EVNTDFLG	DELETE FLAG		Flags EVNT record has been deleted.
	Global Utilization	EVNTRNDC			Round # event is reported.
	ST, NS, OM, HH	EVCHGFLG			Flags that EVNT was added while administering ST or NS.
	ST, NS, OM, HH	EVCHGLOC			ND - When EVNT is added while administering ST or NS, set EVCHGLOC = "ST" or "NS".
	Global Utilization	EVNTTYPE STEVTTYPE			Each EVNT record is identified by an event type. Event type is set in the background depending on which utilization section the event is collected. EVNT.EVNTTYPE: DU, ER, IP, OP, IU, HF, HP, MP, OM, PM, SD, SL EVNT.STEVTTYPE is used to properly display/collect the event type in the Statement Event Rosters and match EVNT.EVNTTYPE. May not be used in WVS

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Database Critical fields

Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
	OM	OMETYPE STOMTYPE			<p>If EVNT.EVNTTYPE = OM, we collect the type of OME.</p> <p>EVNT.OMETYPE: 1 Eyeglasses 2 Hearing 3 Orthopedic 4 Diabetic 5 Ambulance 6 Prosthesis 7 Alteration 8 Oxygen 9 Kidney 10 OtherMedicalExpense</p> <p>EVNT.STOMTYPE is used to properly display/collect the OME type in the Statement OM Rosters. There</p>
	OM	ORTHTYPE			When we collect OM Orthopedic Items, we further probe for a TYPE of Orthopedic item, such as "walker".
	OM	OXGNTYPE			When we collect OM Oxygen related items, we further probe for a Oxygen Supplies or Equipment.
	OM	KDNYTYPE			When we collect OM Kidney dialysis related items, we further probe for a Kidney Dialysis Supplies or Equipment.
	OM	OTHRTYPE			When we collect OM Other Medical Expense Items, we further probe for a TYPE of Other Medical Expense item, such as "Ostomy Supplies".
	OM	ALTRTYPE			When we collect OM Alterations, we further probe for a TYPE of Alteration, such as "Tub Rails".
	Global Utilization	EVNTPROV		FK	PROV.PROVNUM for Provider linked to visit.
	Global Utilization	EVBEGMM EVBEGDD EVBEGY			<p>Event Begin date.</p> <p>DU, ER, OP, MP, and non-rentals collect only the Event Begin Date.</p> <p>IP stays, IU stays and OM Rentals collect the Event Begin and End Date.</p> <p>We do not collect dates for HH visits or PMs</p>
	Global Utilization	EVENDDMM EVENDDD EVENDDYY			<p>Event End date.</p> <p>DU, ER, OP, MP, and non-rentals collect only the Event Begin Date.</p> <p>IP stays, IU stays and OM Rentals collect the Event Begin and End Date.</p> <p>We do not collect dates for HH visits or PMs</p>
	DU, OP, MP	VISTTYPE RVTIMES			<p>EVNT.VISTTYPE Flags whether event is a Single Visit or Repeat Visit.</p> <p>Only collected for EVNT.EVNTTYPE = DU, OP, MP events.</p> <p>EVNT.VISTTYPE = 1/SingleVisit indicates that event is a single visit. EVNT.EVBEGMM/DD/YY are all filled.</p> <p>EVNT.VISTTYPE = 2/RepeatVisit indicates that event is a repeat visit. Repeat Visit EVNT.EVBEGDD should be empty. Note: We may store EVBEGDD = DK in Pilot 2.</p> <p>EVNT.RVTIMES stores the number of visits</p>
	IP	IPSTATUS EV95FLG			EVNT.IPSTATUS flags whether or not the SP has been discharged from an IP stay.

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Structure	<u>Section collected</u>	<u>Important fields</u>	<u>RECORD DELETE FLAG?</u>	FK?	
	OM	OMSTATUS			OM Alteration status. When collecting alterations in OM, if the alteration is still in progress, we set OMSTATUS=1/AlterationNotComplete. We do not collect an event date until the Alteration is complete, OMSTATUS = 2/AlterationComplete.
	OM	RENTPROB			OM Rentals. Certain OM items may be reported as a rental: Orthopedic items: Crutches, Walker, Wheelchair, Other Oxygen Equipment Kidney Dialysis Equipment Other medical Expense items: RENTPROB indicates whether or not the OM is a rental or purchase. RENTPROB = 2/Rent indicates that the OM is a Rental. RENTPROB = 1/Buy, DK, and RF indicates that the OM is a purchase. We collect the Event Begin date for both rentals and purchases.
		RENTSTIL RENTRECR RENTENDR			RENTSTIL indicates whether or not the OM is still being rented. If RENTSTIL = 1/Yes, the OM is still being rented and we do not collect the rental end date. While an OM item is still be rented, we will continue to probe for COST data in the COST series. In addition, we set RENTRECR = the current round, indicating the OM was still being rented in the current round. If RENTSTIL = 2/No, DK or RF, the OM is no longer being rented and we collect the rental end date. In addition, we set RENTENDR = current round, indicating that the rental ended in the current round. If RENTSTIL = DK or RF, we set the event end date = DK or RF. Otherwise, we collect the rental end date.
		RENT2BUY RBUYCOST			RENT2BUY indicates whether or not completed rental was a Rent-To-Buy OM. When a Rental is complete, we ask whether or not the OM item was purchased through a Rent-To-Buy option. We do not ask this question if the SP is deceased. RENT2BUY = 2/PurchasedRentToBuy indicates that the Rental was a Rent-To-Buy OM item. In addition, we will set RBUYCOST = 1/StillCostCollect in OM section so that the OM gets asked about in the PS section. The PS section is designed to ask the respondent if there is COST information to report for Rent-To-Buy OM items in the current round. If Yes, we will ask about the OM item in the NS section if not already linked to a Statement entered in ST. In PS, the SP can report no longer expecting any expenses or payments related to OM item.
	OM	OMATHMO			OM purchased/rented through HMO. Only asked if SP covered by a managed care plan anytime during the current round.
	PMS/PM	PMEDNAME			Name of Medicine
	Global Utilization	EVNTPROV		FK	PROV.PROVNUM for Provider linked to visit.

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Database Critical fields

Structure	Section collected	Important fields	RECORD DELETE FLAG?	FK?	
EVOS					
HEAL					
	HERO	HH	HEROEVRT		Part of Key. Matches EVNT.EVNTNUM for event.
			HERORND		Part of Key. Round HH provider provided care.
		HHS	HERODFLG	DELETE FLAG	In HHS, the SP can report a HH provider event entered in error in the previous round. If HH event entered in error, we updated HERO.HERODFLG =1/Yes on HERO where HERO.HERORND = previous round.
		HH	HHPLACE HHPLACOS		If HH provider works for an organization, we probe for Type of Organization. If HHPLACE= 9/LocalGovernment or 10/Church, we not ask Provider related questions such as VAPLACE and HMOASSOC.
		HH	OTHMEALS		If HHPLACE = 2/MealProgram, we probe whether or not the SP received services in the current round. If not, OTHMEALS = 2/No, DK, RF, we do not collect additional HH details. This HH provider does not qualify as a HH event in the current round. Therefore, the existence of a current round HERO does not indicate that the SP had a current round HH provider visit
		HH	HHFTYPE HHFTYPOS		In HH, we probe for HH professionals (EVNT.EVNTTYPE = HP) and HH Friends or relatives (EVNT.EVNTTYPE = HF). If HH provider reported as a HH Friend or relative, we ask HHFTYPE. If HHFTYPE = 1/Friend or 2/Relative, we not ask Provider related questions such as VAPLACE and HMOASSOC.
	SURG	Global utilization	SURGEVRT		Part of Key. Matches EVNT.EVNTNUM for event.
		Global utilization	SURGPROV		Name of surgery.
	PMRO	PMS/PM or OM	PMROEVRT		Part of Key. Matches EVNT.EVNTNUM for event.
			PMRORND		Part of Key. Round PM or OM purchases reported.
		PMS	PMRODFLG	DELETE FLAG	In PMS, the SP can drop a PM purchases from previous round. If PM is dropped in PMS, we update previous round PMRO.PMRODFLG = 1/Yes.
		PMS/PM or OM	PMROTYPE		Set to PM or OM.
		PMS/PM	PMSATHMO		PM purchased as part of HMO. Only asked if SP had an HMO anytime during the current round.
		PMS/PM	PMSATVA		PM purchased through VA. Only asked if the SP served in the Armed forces (HOME.SPFAEVER = 1 or HOME.SPNGEVER = 1) and SP received health care services through VA (HRND.VACOVER = 1/Yes).
		PMS/PM or OM	GETNUM		Number of PM or OM purchases.
	XMED		XMEDEVRT		Part of Key. Matches EVNT.EVNTNUM for event. PMs are linked to Dr. visits using XMED. XMEDEVRT is set to the Dr. visit EVNT.EVNTNUM being asked about.
			XMEDEVT2		Part of Key. Matches EVNT.EVNTNUM for event. PMs are linked to Dr. visits using XMED. XMEDEVT2 is set to the PM EVNT.EVNTNUM linked to the Dr. visit.
	XCON		XCONEVRT		Part of Key. Matches EVNT.EVNTNUM for event. Conditions are linked to Dr. Visits using XCON. XCONEVRT is set to the Dr. visit EVNT.EVNTNUM being asked about.

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Database Critical fields

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		XCONCOND			Part of Key. Matches EVNT.EVNTNUM for event. Conditions are linked to Dr. Visits using XCON. XCONCOND is set to the COND.CONDNUM linked to Dr. visit.
COST		COSTNUM			Charge Bundle COST number.
		COSTTYPE			Flags where COST record is created.
		STATTYPE			If COST created in ST section, we probe for "type of statement". STATTYPE flags whether or not the charge bundle is a Medicare statement, Insurance statement, Tricare statement or a combination of these.
		MCARTYPE			MCARTYPE is set to the type of Medicare statement. If Statement is a Medicare statement, we further probe for the type of Medicare statement. The type of statement directs the route to the appropriate question to collect charge related data directly from the statement
		TOTALAMT			When we collect TOTAL CHARGE/COPAYMENT in COST series, we store the initial response on CORO.TOTALCHG and we then copy this response to COST.TOTALAMT. COST.TOTALAMT will be set to the most recent value collected for TOTAL CHARGE/COPAYMENT.
		AREMAING			Calculated Amount Remaining.
		COSTPROV		FK	PROV.PROVNUM for Provider associated with COST charge bundle.
		ORIGNSEV		FK	EVNT.EVNTNUM for original EVNT in No Statement Questionnaire that caused COST to be generated
		EXCPSFLG			EXCPSFLG = 2 flags that a charge bundle should no longer be asked about in CPS.
		NOCHGNUM			# of OM/PM purchases (PMRO.GETNUM) covered by charge bundle. This value is first collected on XCEV.NUMLINKS and then is copied to COST.NOCHGNUM.
		BUNDMNUM		FK	COST.COSTNUM for other COST in bundle. No longer used.
	COSA	COSACOST			Part of Key. Matches COST.COSTNUM for charge bundle. COSA stores MSN claim control numbers if ST statement is an MSN.
	CORO	COROCOST			Part of Key. Matches COST.COSTNUM for charge bundle.
		CORORND			Part of Key. Round charges collected.
		COROTYPE			Flags where CORO was created, in ST, NS or CPS.
		EXMCMail			EXMCMail = 1/Yes flags that the SP is expecting to receive a statement for an event. If during the first round an event is reported, if there is not a statement associated with the event, we will probe for charge information in the NS section. At this time, the respondent can indicate that they expect to receive a statement and we do not continue to ask additional cost questions.
		TOTALTYP			In NS, we either ask for the TOTAL CHARGE or the COPAYMENT for a specific event, depending on if SP has a managed care plan. TOTALTYP affects the routing in the COST series . TOTALTYP = 1 flags that TOTAL CHARGE was asked. TOTAL TYP = 2 flags that COPAYMENT was asked
		TOTALCHG			
		CPSREASN			At the beginning of CPS, we review all previous round charge bundles and we assign a "reason" for why we will ask about the charge bundle in CPS. The routing in CPS is primarily based on CPSREASN.
	PAYM	PAYMCOST			Part of Key. Matches COST.COSTNUM for charge bundle.
		PAYMDFLG	DELETE FLAG		Flag PAYM has been deleted and is no longer valid.

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		PAYMISHI			Set based on TSOPISHI selected when SOP added to SOP roster.
		PAYMTYPE			Set based on TSOPISHI selected when SOP added to SOP roster.
		PAYMPAN		FK	PLAN.PLANNUM for SOP Payment
		PAYMOSOP		FK	OSOP.OSOPNUM for SOP Payment
		PAYMDMEM		FK	DMEM.DMEMNUM for SOP Payment
	XCEV	XCEVCOST			Part of Key. Matches COST.COSTNUM for charge bundle.
		XCEVEVNT			Part of Key. Matches EVNT.EVNTNUM for event linked to charge bundle.
		DELLINK	DELETE FLAG		XCEV.DELLINK = 1/Yes flags that event was flagged as no longer part of charge bundle in the field. This XCEV record will be deleted at the home office.
		RVLINKS			# of visits (EVNT.RVTIMES) covered by charge bundle.
		NUMLINKS			# of OM/PM purchases (PMRO.GETNUM) covered by charge bundle
	REIM	REIMNUM			Part of Key. Sequential number. Reimbursement number. Reimbursements are not linked to charge bundles.
		REIMPLAN		FK	PLAN.PLANNUM for SOP reimbursement
		REIMOSOP		FK	OSOP.OSOPNUM for SOP reimbursement
		REIMDMEM		FK	DMEM.DMEMNUM for SOP reimbursement
	TSOP	TSOPNUM			Part of Key. Sequential number. During each interview we reload the temporary TSOP table with all possible Sources of Payments (HI plans, DM's, OSOP's, etc). Each time we load TSOP, each unique SOP will have a unique sequential number on TSOP.
		TSOPTYPE			Flags the type of SOP (SP, PLAN, DM, OSOP, etc.)
		TSOPISHI			Holds response to type of SOP added at SOP roster. There is a crosswalk in SOP Roster specs that shows relationship between TSOPISHI, TSOPTYPE and PLANTYPE.
		TSOPTXT			Stores name of SOP (SP, plan name, DM name, OSOP name, etc)
		TSOPPLAN		FK	PLAN.PLANNUM for SOP
		TSOPDMEM		FK	DMEM.DMEMNUM for SOP
		TSOPOSOP		FK	OSOP.OSOPNUM for SOP
	OSOP	OSOPNUM			Part of Key. Other Source of Payment (OSOP) number.
		LOSEOSFG	DELETE FLAG		Flagged by data editing when OSOP used to be valid, but has been replaced by something else. OSOP should not be displayed as Source of Payment.
		OSOPISHI			Set to TSOPISHI selected when SOP added at SOP roster.
		OSOPHIDE	DELETE FLAG		NOT USED.
		OSOPTXT			Name of Other Source of Payment.
	HRND	HRNDRND			Part of Key. HRND round #.
		HRNDRESP			Part of Key. Always set to "01" for community interview.

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	HI	MTFCOVER			<p>Did SP receive Health care from MTF? This question is asked only if SP reported being in the armed forces (HOME.SPFAFEVER = 1 or HOME.SPNGEVER = 1) or SP had a TRICARE plan in the current or previous round.</p> <p>If SP responds MTFCOVER = 1/Yes, this response is copied forward each round. Else it is continued to be asked in HI between TRICARE and Public Plans.</p>
	HI	VACOVER			<p>Did SP receive Health care from VA? This question is asked only if SP reported being in the armed forces (HOME.SPFAFEVER = 1 or HOME.SPNGEVER = 1).</p> <p>If SP responds VACOVER = 1/Yes, this response is copied forward each round. Else it is continued to be asked in HI between TRICARE and Public Plans.</p> <p>If VACOVER = 1/Yes (regardless if it is asked in the current round or copied to the current round HRND record from the previous round record), we ask PROV/VARIABLE in utilization sections.</p>
	IN	SPMARSTA			<p>SP's marital status. Is collected in IN when SP is in Supplemental Sample and is updated each FALL round.</p> <p>Most recent HRND.SPMARSTA that is not empty is used to check edits when marital status is updated in the FALL round in IN section.</p>
	CL	VSTADDR1 VSTADDR2 VCITY VSTATE VZIPCODE VPHONARE VPHONEXC VPHONLOCL VPHONAR2 VPHONEX2			<p>SP's vacation home address and phone number.</p>
	CL	CONTNUM1		FK	ROST.ROSTNUM for Contact 1
	CL	CONTNUM2		FK	ROST.ROSTNUM for Contact 2
	CL	PHONROST		FK	ROST.ROSTNUM for name next interview phone number under
	CL	FPROXNUM		FK	ROST.ROSTNUM for Future Proxy
	ENS (old EN)	HHPOWN		FK	ROST.ROSTNUM for person who is head of household.
	HES				
	IADL				
	ADLS	MOSTADLS		FK	ROST.ROSTNUM of person who helps the most
	HOUS				
	KNOW				

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Structure		<u>Section collected</u>	<u>Important fields</u>	<u>RECORD DELETE FLAG?</u>	FK?	
	PDRX					
	PACT					
	INFO		EOMBREAD		FK	ROST.ROSTNUM of person who reads statements/bills most
	INVB					
	ONLN		WHOPANUM		FK	ROST.ROSTNUM of person who does medicare paperwork
	BKNO					
	BNED		BNPWROST		FK	ROST.ROSTNUM of person who does medicare paperwork
	PFPR					
	MKIQ					
	DMRX					
	MADD					
	ACCS		USFACNUM		FK	PROV.PROVNUM
			USDOCNUM		FK	PROV.PROVNUM
			USHLPRGO		FK	ROST.ROSTNUM
			ACEREVNT		FK	EVNT.EVNTNUM
			ACOPEVNT		FK	EVNT.EVNTNUM
			ACMPEVNT		FK	EVNT.EVNTNUM
	INCO		HOMEOWNR		FK	ROST.ROSTNUM OF HOUSE OWNER. STILL USED?
	NEWS					
	HCAR		ARNGROST		FK	ROST.ROSTNUM for person who made home care arrangements
			SPRVROST		FK	ROST.ROSTNUM for person who is home care supervisor
			PRIMHPER		FK	HPER.HPERNUM for primary home care person
	HPER		HPEREVNT		FK	EVNT.EVNTNUM for HH Event
			HPERPROV		FK	PROV.PROVNUM for HH Provider
	SURV	Global	SROSTNUM		FK	ROST.ROSTNUM for respondent.
	IRQS	Interviewer Remarks	RHELPNUM		FK	ROST.ROSTNUM for person who helped respondent (?)
	TRNS	Global	TRNSRKEY		FK	Remaining portion of key for record updated.