

Appendix A: EDM Database Variable List

TEC EDM Database Data Elements List, Date: 20231109

#	TEC Database Variables	Type
1	ACE_INHIB_FILL_FG	Char
2	ACTIVE_END_DT	Num
3	ACTIVE_FG	Char
4	ACTIVE_START_DT	Num
5	ACTIVE_YEAR	Num
6	ADA_CD	Char
7	ADA_FEE_AMT	Num
8	ADA_NM	Char
9	ADA_UNITS	Num
10	ADMISS_SVC_CD	Char
11	ADMISS_TP_CD	Char
12	ADMISS_TP_NM	Char
13	AFFL_CD	Char
14	AFFL_NM	Char
15	AGE	Char
16	ALLOW_AMT	Num
17	ALT_REG_CODE	Char
18	APC_EFF_DT	Num
19	APC_EXP_DT	Num
20	APC_FAC_TP	Char
21	APC_FG	Char
22	APC_LOC_TP	Char
23	APC_RECODE_CD	Char
24	APC_RECODE_CLASS_CD	Char
25	APC_RECODE_CLASS_NM	Char
26	APC_RECODE_HIGH	Char
27	APC_RECODE_LOW	Char
28	APC_RECODE_NM	Char
29	APPROVED_FG	Char
30	AREA_CD	Char
31	AREA_COMPOSITE	Char
32	AREA_NM	Char
33	AREA_SHORT_NM	Char
34	AREA_STATUS	Char
35	ASU_CD	Char
36	ASU_CODE	Char
37	ATND_PHYS_AFFL_CD	Char
38	ATND_PHYS_DISC_CD	Char
39	AUTH_FAC_CD	Char
40	AUTH_NBR	Char
41	BED_COUNT	Num
42	BENEF_CLASS_CD	Char
43	BENEF_CLASS_NM	Char
44	BILL_AMT	Num
45	BILL_TP_CODE	Char
46	BIRTH_DC	Char
47	BIRTH_DT	Num
48	BLANKET_PO_IND	Char
49	BLOOD_QUANTUM_CD	Char
50	BLOOD_QUANTUM_NM	Char
51	BSASC_SOURCE	Char
52	CAIR_National	Char
53	CAIR_Regional	Char
54	CALENDAR_BEGIN_DT	Num
55	CATEGORY	Char
56	CDT_CODE	Char
57	CFI_ATND_PHYS_CD	Char
58	CFI_DISCH_TP_CD	Char
59	CFI_OVERRIDE	Char
60	CFI_TYPE_SERVC	Char

#	TEC Database Variables	Type
61	CHART_FAC_CD	Char
62	CHART_STATUS_CD	Char
63	CHS_APC_WL_FG	Char
64	CHS_IEN	Char
65	CHS_INP_WL_FG	Char
66	CHS_PAID_AMT	Num
67	CHS_SVC_TP	Char
68	CHS_WL_CD	Char
69	CIR_National	Char
70	CIR_Regional	Char
71	CLAIM_LVL_HCPCS_CD	Char
72	CLAIM_NBR	Char
73	CLASS_NAME	Char
74	CLINIC_CD	Char
75	CLINIC_NM	Char
76	CLIN_MEAS_CD	Char
77	CLIN_MEAS_NM	Char
78	CLIN_MEAS_STATUS	Char
79	CLIN_MEAS_TP	Char
80	CM_RSLT_VALUE	Char
81	COB_AMT	Num
82	COMMENTS	Char
83	COMMRLC_INSUR_FG	Char
84	COMMUNITY_CODE	Char
85	COMMUNITY_CODE_NAME	Char
86	COMMUNITY_NAME	Char
87	COMMUNITY_STATUS	Char
88	COMM_RES_CD	Char
89	COMM_RES_START_DC	Char
90	COMM_RES_START_DT	Num
91	CONSULT_QTY	Num
92	COUNTY_CD	Char
93	COUNTY_CD_NM	Char
94	COUNTY_NM	Char
95	COUNTY_STATUS	Char
96	CPT_CD	Char
97	CPT_FG	Char
98	CPT_NM	Char
99	DATA_1ST_ENTRY_DC	Char
100	DATA_1ST_ENTRY_DT	Num
101	DATE_LAST_MOD_TS	Num
102	DAY_OF_WEEK_ABBR	Char
103	DAY_OF_WEEK_CD	Char
104	DAY_OF_WEEK_NM	Char
105	DEATH_DC	Char
106	DEATH_DT	Num
107	DEATH_ICD_DX_CD	Char
108	DEFINITION	Char
109	DEN_COST_AMT	Num
110	DEN_DELIVERY_CD	Char
111	DEN_DELIVERY_NM	Char
112	DEN_PAT_TP_CD	Char
113	DEN_PAT_TP_NM	Char
114	DESCRIPTION	Char
115	DISCH_DC	Char
116	DISCH_DT	Num
117	DISCH_SVC_CD	Char
118	DISCH_TP_CD	Char
119	DIS_CLASS_CD	Char
120	DIS_CLASS_NM	Char

#	TEC Database Variables	Type
121	DM_NUTR_EDUC_FG	Char
122	DX_CAUSE_CD	Char
123	DX_CAUSE_NM	Char
124	DX_SEQ_NBR	Num
125	EDUC_CD	Char
126	EDUC_DISEASE_COND	Char
127	EDUC_MINS	Num
128	EDUC_NM	Char
129	EDUC_TOPIC	Char
130	EDUC_UNDERSTAND_CD	Char
131	EDUC_UNDERSTAND_NM	Char
132	EFF_DT	Num
133	EFF_START_DT	Num
134	EFF_STOP_DT	Num
135	ELIG_START_DT	Num
136	ENCTRSS_ID	Num
137	ENCTR_EXPORT_TS	Num
138	ENCTR_QTY	Num
139	ERROR_CAT_CD	Char
140	ERROR_CAT_NM	Char
141	ERROR_CD	Num
142	ERROR_DESCRIPTION	Char
143	ER_DISP_CD	Char
144	ER_DISP_NM	Char
145	EVAL_MGT_CPT_CD	Char
146	EXAM_IHS_ABBR_CODE	Char
147	EXAM_IHS_CD	Char
148	EXAM_IHS_NM	Char
149	EXPORT_ID	Num
150	EXP_DT	Num
151	FAC_1G	Char
152	FAC_CD	Char
153	FAC_COMPOSITE	Char
154	FAC_EFF_DT	Num
155	FAC_EXP_DT	Num
156	FAC_LOC_TP_CD	Char
157	FAC_LOC_TP_NM	Char
158	FAC_NM	Char
159	FAC_SHORT_NM	Char
160	FAC_STATUS	Char
161	FAC_TP_CD	Char
162	FAC_TP_NM	Char
163	FINANCE_LOC_CODE	Char
164	FINDINGS	Char
165	FISCAL_YEAR	Char
166	GENDER_CD	Char
167	GENDER_NM	Char
168	HCPCS_CD	Char
169	HCPCS_COST_AMT	Num
170	HCPCS_MOD	Char
171	HCPCS_QTY	Num
172	HEALTH_CAT_CD	Char
173	HEALTH_CAT_NM	Char
174	HEALTH_CAT_STATUS	Char
175	HEALTH_FACTOR_CD	Char
176	HEALTH_FACTOR_NM	Char
177	HEALTH_FACTOR_STATUS	Char
178	HELP_TEXT	Char
179	HIGH	Char
180	HL7_IMMUN_CD	Char

#	TEC Database Variables	Type
181	HL7_IMMUN_CVX_CD	Char
182	HL7_IMMUN_CVX_NM	Char
183	HL7_IMMUN_CVX_SHORT_NM	Char
184	HL7_IMMUN_MVX_CD	Char
185	HL7_IMMUN_MVX_NM	Char
186	HL7_IMMUN_NM	Char
187	HL7_IMMUN_SHORT_NM	Char
188	HLTH_FACTR_CAT	Char
189	HLTH_FACTR_CAT_CODE	Char
190	HLTH_FACTR_CD	Char
191	HLTH_FACTR_NM	Char
192	HOSP_AUTH_NBR	Char
193	HTN_EVER_DOC_FG	Char
194	HTN_LAST_DOC_DC	Char
195	HTN_LAST_DOC_DT	Num
196	ICD9_DX_CD	Char
197	ICD9_DX_CD_UNF	Char
198	ICD9_DX_HIGH	Char
199	ICD9_DX_LOW	Char
200	ICD9_DX_NM	Char
201	ICD9_EXT_INJ_CD	Char
202	ICD9_EXT_INJ_CD_UNF	Char
203	ICD9_EXT_INJ_NM	Char
204	ICD9_PROC_CD	Char
205	ICD9_PROC_CD_UNF	Char
206	ICD9_PROC_HIGH	Char
207	ICD9_PROC_LOW	Char
208	ICD9_PROC_NM	Char
209	ICD_CD	Char
210	ICD_CD_UNF	Char
211	ICD_DEATH_REVISION	Char
212	ICD_DX_CD	Char
213	ICD_DX_REVISION	Char
214	ICD_EXT_INJ_CD	Char
215	ICD_INJ_REVISION	Char
216	ICD_NM	Char
217	ICD_NM_LONG	Char
218	ICD_ORDER	Num
219	ICD_PROC_CD	Char
220	ICD_PROC_REVISION	Char
221	ICD_REVISION	Char
222	IFC_CD	Char
223	IFC_NM	Char
224	IHS_CNTY_CD	Char
225	IHS_CODE	Char
226	IHS_IMMUN_CD	Char
227	IMM_DOSE_NBR_CD	Char
228	INACTIVE	Char
229	INACTIVE_DT	Num
230	INACTIVE_YEAR	Num
231	INCITS_CD	Char
232	INCITS_COUNTY_NM	Char
233	INCITS_STATUS	Char
234	INDIAN_FG	Char
235	INDIAN_STATUS_FG	Char
236	INFECT_FG	Char
237	INITIAL_YEAR	Num
238	INIT_FILENAME	Char
239	INIT_FILE_NAME	Char
240	INIT_YEAR	Num

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#	TEC Database Variables	Type
241	INJ_PLACE_CD	Char
242	INJ_PLACE_NM	Char
243	INP_DISPOS_CD	Char
244	INP_DISPOS_NM	Char
245	INP_RECODE_CD	Char
246	INP_RECODE_CLASS_CD	Char
247	INP_RECODE_CLASS_NM	Char
248	INP_RECODE_HIGH	Char
249	INP_RECODE_LOW	Char
250	INP_RECODE_NM	Char
251	INSUR_CAT_CD	Char
252	INSUR_CAT_NM	Char
253	INTEGRITY_ID	Char
254	ITU_CODE	Char
255	LAB_RSLT_TEXT	Char
256	LAB_RSLT_VALUE	Num
257	LAB_TEST_NM	Char
258	LAB_TEST_QTY	Num
259	LAST_FILENAME	Char
260	LAST_FILE_NAME	Char
261	LAST_UPDATE_YEAR	Num
262	LENGTH_OF_STAY	Num
263	LEVEL	Num
264	LMP_DC	Char
265	LMP_DT	Num
266	LMP_NOTED_DC	Char
267	LMP_NOTED_DT	Num
268	LOCAL_PAT_ID	Char
269	LOCAL_VERIF_CD	Char
270	LOE_FAC_CD	Char
271	LOINC_CD	Char
272	LOINC_NM	Char
273	LONG_DESCR	Char
274	LOW	Char
275	MCD_BILL_FG	Char
276	MCD_ELIG_FG	Char
277	MCD_EXPANSION	Char
278	MCR_BILL_FG	Char
279	MCR_ELIG_FG	Char
280	MED_COND_CAT_CD	Char
281	MED_COND_CAT_NM	Char
282	MED_NDC_CODE	Char
283	MED_NM	Char
284	MED_QTY	Num
285	MICROALBUM_FG	Char
286	MICROALBUM_VAL	Char
287	MIDWIFERY_FG	Char
288	MINUTES	Num
289	MTOPIC_CD	Char
290	MT_ID	Num
291	NAME	Char
292	NATL_ACTIVE_FG	Char
293	NATL_DUP_FG	Char
294	NATL_REG_ID	Num
295	NAT_OF_COV_CODE	Char
296	NEWBORN_DEATH_CD	Char
297	NEW_LEVEL	Num
298	OBJ_CLASS_CODE	Char
299	OBJ_CLASS_CODE_TP	Char
300	OLD_INJ_PLACE_CD	Char

#	TEC Database Variables	Type
301	OLD_INJ_PLACE_NM	Char
302	OPERATVE_SITE	Char
303	OPSITE_CD	Char
304	OPSITE_NM	Char
305	OPSITE_SURF_NBR	Num
306	OPSITE_SYN	Char
307	PAID_DC	Char
308	PAID_DT	Num
309	PAY_CD	Char
310	PAY_DEST	Char
311	PAY_NM	Char
312	PECODE_ID	Num
313	PEND_REJECT_CODE	Char
314	PHN_ACTIVITY_MINS	Num
315	PHN_ACT_CD	Char
316	PHN_ACT_NM	Char
317	PHN_INTERV_LVL_CD	Char
318	PHN_INTERV_LVL_NM	Char
319	PHN_PROB_CD	Char
320	PHN_PROB_NM	Char
321	PHN_PROG_AREA_CD	Char
322	PHN_PROG_AREA_NM	Char
323	PHN_TRAVEL_MINS	Num
324	PHYS_LOCL_CODE	Char
325	PLACE_OF_SVC	Char
326	PLACE_OF_TRTMNT	Char
327	PO_ISSUE_DC	Char
328	PO_ISSUE_DT	Num
329	PO_NBR	Char
330	PO_TP_CODE	Char
331	PRM_CARE_FG	Char
332	PRM_PROV_FG	Char
333	PROC_CLASS_CD	Char
334	PROC_CLASS_NM	Char
335	PROC_DC	Char
336	PROC_DT	Num
337	PROV_AFFL_CD	Char
338	PROV_DISC_ABBR	Char
339	PROV_DISC_CD	Char
340	PROV_DISC_NM	Char
341	PROV_DISC_STATUS	Char
342	PROV_EFF_DT	Num
343	PROV_EXP_DT	Num
344	PROV_LOCAL_TEXT	Char
345	PROV_NARRATIVE	Char
346	PROV_SSN_EIN	Char
347	PROV_TP_CD	Char
348	PROV_TP_NM	Char
349	PROV_X12_CLASS_CD	Char
350	PROV_X12_CLASS_NM	Char
351	PROV_X12_SPEC_CD	Char
352	PROV_X12_SPEC_NM	Char
353	PROV_X12_TP_CD	Char
354	PROV_X12_TP_NM	Char
355	PSEUDO_CODE	Char
356	PVT_INSUR_ELIG_FG	Char
357	RANGE_LOWER_LMT	Char
358	RANGE_UPPER_LMT	Char
359	RD_RPT_FG	Char
360	RECORD_NUM	Num

#	TEC Database Variables	Type
301	OLD_INJ_PLACE_NM	Char
302	OPERATVE_SITE	Char
303	OPSITE_CD	Char
304	OPSITE_NM	Char
305	OPSITE_SURF_NBR	Num
306	OPSITE_SYN	Char
307	PAID_DC	Char
308	PAID_DT	Num
309	PAY_CD	Char
310	PAY_DEST	Char
311	PAY_NM	Char
312	PECODE_ID	Num
313	PEND_REJECT_CODE	Char
314	PHN_ACTIVITY_MINS	Num
315	PHN_ACT_CD	Char
316	PHN_ACT_NM	Char
317	PHN_INTERV_LVL_CD	Char
318	PHN_INTERV_LVL_NM	Char
319	PHN_PROB_CD	Char
320	PHN_PROB_NM	Char
321	PHN_PROG_AREA_CD	Char
322	PHN_PROG_AREA_NM	Char
323	PHN_TRAVEL_MINS	Num
324	PHYS_LOCL_CODE	Char
325	PLACE_OF_SVC	Char
326	PLACE_OF_TRTMNT	Char
327	PO_ISSUE_DC	Char
328	PO_ISSUE_DT	Num
329	PO_NBR	Char
330	PO_TP_CODE	Char
331	PRM_CARE_FG	Char
332	PRM_PROV_FG	Char
333	PROC_CLASS_CD	Char
334	PROC_CLASS_NM	Char
335	PROC_DC	Char
336	PROC_DT	Num
337	PROV_AFFL_CD	Char
338	PROV_DISC_ABBR	Char
339	PROV_DISC_CD	Char
340	PROV_DISC_NM	Char
341	PROV_DISC_STATUS	Char
342	PROV_EFF_DT	Num
343	PROV_EXP_DT	Num
344	PROV_LOCAL_TEXT	Char
345	PROV_NARRATIVE	Char
346	PROV_SSN_EIN	Char
347	PROV_TP_CD	Char
348	PROV_TP_NM	Char
349	PROV_X12_CLASS_CD	Char
350	PROV_X12_CLASS_NM	Char
351	PROV_X12_SPEC_CD	Char
352	PROV_X12_SPEC_NM	Char
353	PROV_X12_TP_CD	Char
354	PROV_X12_TP_NM	Char
355	PSEUDO_CODE	Char
356	PVT_INSUR_ELIG_FG	Char
357	RANGE_LOWER_LMT	Char
358	RANGE_UPPER_LMT	Char
359	RD_RPT_FG	Char
360	RECORD_NUM	Num

#	TEC Database Variables	Type
421	STATIC_UP_VERSION_NBR	Num
422	STATUS_CD	Char
423	STATUS_NM	Char
424	SUBTOPIC_CD	Char
425	SUB_TOPIC	Char
426	SVC_ADMISS_DC	Char
427	SVC_ADMISS_DT	Num
428	SVC_CAT_CD	Char
429	SVC_CAT_NM	Char
430	SVC_CD	Char
431	SVC_CLASS_CD	Char
432	SVC_ELIG_CD	Char
433	SVC_ELIG_NM	Char
434	SVC_LEVEL_CD	Char
435	SVC_LVL_CD	Char
436	SVC_LVL_NM	Char
437	SVC_NM	Char
438	SVC_TP_CD	Char
439	SVC_TP_NM	Char
440	SYNONYM	Char
441	TIME_OF_DAY	Num
442	TOOTH_SURF_CD	Char
443	TOPIC	Char
444	TRANSFER_FAC_CD	Char
445	TRIBE_CD	Char
446	TRIBE_CD_NM	Char
447	TRIBE_NM	Char
448	TRIBE_RES_NM	Char
449	TRIBE_STATUS	Char
450	UNDUP_DATE	Num
451	UNIQ_ENCTR_CODE	Char
452	UNIQ_REG_CODE	Char
453	UNIT_OF_MEAS	Char
454	UP_VERSION_NBR	Num
455	URIN_PROTN_FG	Char
456	URIN_PROTN_VAL	Char
457	USP_ID	Num
458	VA_DRUG_CLASS_CD	Char
459	VA_DRUG_CLASS_NM	Char
460	VA_DRUG_CLASS_PARENT	Char
461	VA_DRUG_CLASS_TP	Char
462	VENDOR_TP_CD	Char
463	VET_FG	Char
464	WL_FG	Char
465	WL_REPORT_FG	Char
466	ZIP_CODE	Char
467	ZIP_CODE_EXTN	Char
468	area_cd	Char
469	area_name	Char
470	asufac	Char
471	birth_yr	Num
472	cair_national_allregs	Char
473	cair_regional_allregs	Char
474	cir_national_allregs	Char
475	cir_regional_allregs	Char
476	community_code	Char
477	county_cd	Char
478	dbid	Char
479	death_dt_mod	Num
480	dob	Num

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#	TEC Database Variables	Type
481	dob_day	Num
482	dob_month	Num
483	dob_year	Num
484	fed_fiscal_yr	Num
485	gender_cd_mod	Char
486	indian_status_fg_mod	Char
487	insured	Char
488	reasonable_birth_dt	Char
489	reside_asu	Char
490	reside_st_cty	Char
491	reside_st_cty_comm	Char
492	service_unit_cd	Char
493	state_cd	Char

EDM UP_REG_INTEG_STATIC Table

In the EDM, INTEGRITY_ID is found in the USERPOP and UP_REG_INTEG_STATIC tables, and STATIC_INTEGRITY_ID in the STATIC_INTEGRITY and UP_REG_INTEG_STATIC tables, as well as the versions numbers for both: UP_VERSION_NBR and STATIC_UP_VERSION_NBR, respectively. The UP_REG_INTEG_STATIC table, an EDM enhancement, can be used to link INTEGRITY_ID or STATIC_INTEGRITY_ID to the ENCTR schema tables using the REG_ID values found in the UP_REG_INTEG_STATIC and ENCTRSS tables.

Addition of SVC_ADMISS_DT and REG_ID variables to Selected ENCTR tables.

The variables SVC_ADMISS_DT and REG_ID from the ENCTRSS table have been added to the following ENCTR tables:

DX_ICD
HCPCS_PROC
IMMUN
LAB_TEST
MEDICATION

This allows a user to directly select records from these tables for a specified date range, and to retrieve the associated REG_ID values as well. This methodology excludes the requirement to use the ENCTRSS as an intermediary table for accessing SVC_ADMISS_DT and REG_ID.

EDM ENCTRSS Table

The ENCTR schema ENCTRSS table includes the variable FED_FISCAL_YR variable. This is a 4-digit numeric variable containing the year value representing the federal fiscal year.

EDM USERPOP Tables

The EDM includes all of the USERPOP versions. Although these versions are stored by NPIRS, they are not made available to GDM users. These USERPOP tables are a snapshot of selected data from the DEMOGR and PAT_REG tables. Each USERPOP table's version information is found in the USERPOP_LOG table.

The following variables are added to the EDM USERPOP table every time a new USERPOP table is issued from NPIRS since adding these variables to this table is routine during analysis and reporting.

UNIQ_REG_CODE is added from the PAT_REG table using REG_ID.

DBID is added by parsing the value from UNIQ_REG_CODE.

ASUFAC is added by looking up ASUFAC from DBID in the DBIDS_ASUFACS lookup table. ASUFAC in this case represents the facility that sent the record to the NDW.

COMMUNITY_CODE is created by concatenating the variables RESIDE_STATE_CD, RESIDE_COUNTY_CD, RESIDE_COMM_CD already stored in the USERPOP table.

COUNTY_CD is created by concatenating the variables RESIDE_STATE_CD and RESIDE_COUNTY_CD. This code corresponds to the NPIRS county code.

INCITS_CD (FIPS) is added by joining the REF.COUNTY table using COUNTY_CD.

COUNTY_NM is added by joining the REF.COUNTY table using COUNTY_CD.

STATE_CD (FIPS) is added by joining the REF.COUNTY table using COUNTY_CD.

STATE_NM is added by joining the REF.STATE table using STATE_CD.

STATE_ABBR_CD is added by joining the REF.STATE table using STATE_CD.

AREA_CD is added by copying variable RESIDE_AREA_CD.

AREA_ABBR is added by copying and renaming **REGION_ABBR_CD** from the **REF.AREA** table. This is done so that **REGION_ABBR_CD** values in the **USERPOP** table are not overwritten by values from the **REF.AREA** table. Values in **AREA_ABBR** are used to create values in **AREA_NAME**.

AREA_NAME is added by joining the **REF.AREA** table using **AREA_CD**.

SERVICE_UNIT_CD is created by concatenating the variables **RESIDE_AREA_CD** and **RESIDE_SU_CD**.

SERVICE_UNIT_NM is added by joining the **REF.SERVICE_UNIT** table using **SERVICE_UNIT_CD**.

FAC_NM is facility name from the **REF.FACILITY** table and is added through a series of steps. In the **USERPOP** table, **DBID** is extracted from **UNIQ_REG_CODE** and **ASUFAC** assigned using values from the **DBIDS_ASUFACS** lookup table. The **REF.FACILITY** table is then joined to **USERPOP** using **ASUFAC**.

GENDER_CD_MOD is created by standardizing the **GENDER_CD** variable already present. Standardization occurs among multiple registrations per **INTEGRITY_ID**.

INDIAN_STATUS_FG_MOD is created by standardizing the **INDIAN_STATUS_FG** variable already present. Standardization occurs among multiple registrations per **INTEGRITY_ID**.

DEATH_DT is added by joining the **REG.PAT_REG** table using **REG_ID**. Values in **DEATH_DT** are standardized where there are multiple registrations per **INTEGRITY_ID**.

DOB is created by standardizing the **BIRTH_DT** variable already present. Standardization occurs among multiple registrations per **INTEGRITY_ID**.

REASONABLE_BIRTH_DT is created by determining if the date stored in **BIRTH_DT** is a reasonable birth date within the context of the **GDM** data.

DOB_YEAR is created by parsing the year from **DOB**.

DOB_MONTH is created by parsing the month from **DOB**.

DOB_DAY is created by parsing the day from **DOB**.

BIRTH_YEAR is created by parsing the year from **BIRTH_DT**.

CAIR_NATIONAL is a flag created by the use of the **NATL_DUP_FG**, the **NATL_ACTIVE_FG**, and the rules from the **NPIRS Basic Business** rules for identifying an active registration that is deduplicated at the National level.

CAIR_NATIONAL_ALLREGS is a flag created from **CAIR_NATIONAL** that marks all registration records belonging to a unique patient indicating a **CAIR** patient deduplicated at the National level.

CAIR_REGIONAL is a flag created by the use of the **REGION_DUP_FG**, the **REGION_ACTIVE_FG**, and the rules from the **NPIRS Basic Business** rules for identifying an active registration that is deduplicated at the Area level.

CAIR_REGIONAL_ALLREGS is a flag created from **CAIR_REGIONAL** that marks all registration records belonging to a unique patient indicating a **CAIR** patient deduplicated at the Area level.

CIR_NATIONAL is a flag created by the use of the **NATL_DUP_FG** and the rules from the **NPIRS Basic Business** rules for identifying a countable registration that is deduplicated at the National level.

CIR_NATIONAL_ALLREGS is a flag created from **CIR_NATIONAL** that marks all registration records belonging to a unique patient indicating a **CIR** patient deduplicated at the National level.

CIR_REGIONAL is a flag created by the use of the **REGION_DUP_FG** and the rules from the **NPIRS Basic Business** rules for identifying a countable registration that is deduplicated at the Area level.

CIR_REGIONAL_ALLREGS is a flag created from **CIR_REGIONAL** that marks all registration records belonging to a unique patient indicating a **CIR** patient deduplicated at the Area level.

For cross USERPOP version analysis, **STATIC_INTEGRITY_ID** can easily be added to the EDM USERPOP table from the REG. UP_REG_INTEG_STATIC table using REG_ID. And recall that while both INTEGRITY_ID and STATIC_INTEGRITY_ID can be used to identify the same set of individuals within a *single* USERPOP table version, only STATIC_INTEGRITY_ID can be used when you want to identify the same patient across *multiple* USERPOP table versions through application of the UP_REG_INTEG_STATIC table described above.

Details about how the variables listed above, with particular reference to the standardized variables, can be seen in the included schematic. The purpose of standardizing values in selected variables is because a unique patient can have multiple registrations and some key demographic information stored for these registrations can vary from registration to registration, for the same patient. In particular, information about AI/AN status, gender, date of birth and date of death may vary for those patients who have more than one registration. The values in variables BIRTH_DT, GENDER_CD, INDIAN_STATUS_FG, and DEATH_DT are standardized under the DOB, GENDER_CD_MOD, INDIAN_STATUS_FG_MOD, and DEATH_DT variables so that regardless of which record among multiple registration records for a unique patient is selected, those values will be consistent.

A note about the ASUFAC variable is that it represents only the facility (site) that sent in the NDW export file to NPIRS. In some cases the export file contains data only for a single facility but in other cases the export file contains registrations and visits for multiple facilities. The conundrum is that there is no information in an NDW export file differentiating between the two types of facilities.