SyH-DR Data Dictionary: Claims-Level Variables								
Variable Label	Variable Name	Medicare Files	Medicaid Files	Commercial Files	Variable Type	Variable Length	Synthesized, Masked, Suppressed	Note / Rule**
							Fully	
							Synthesized,	
Admission Type	ADMSN_TYPE	Х	Х	Х	CHAR	1	Suppressed	1
Attending							Fully	
Provider Specialty	AT_SPCLTY	Х	Х	х	CHAR	2	Synthesized	
Claim Number	CLM CNTL NUM	Х	Х	Х	NUM	8	Masked	
Claim Type Code	CLM_TYPE_CD	Х	Х	х	CHAR	2		
CPT Procedure					-		Partially	
Code 1	CPT_PRCDR_CD_1	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							, Partially	
Code 2	CPT_PRCDR_CD_2	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 3	CPT_PRCDR_CD_3	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 4	CPT PRCDR CD 4	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 5	CPT_PRCDR_CD_5	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							, Partially	
Code 6	CPT_PRCDR_CD_6	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							, Partially	
Code 7	CPT_PRCDR_CD_7	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							, Partially	
Code 8	CPT_PRCDR_CD_8	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 9	CPT_PRCDR_CD_9	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							, Partially	
Code 10	CPT_PRCDR_CD_10	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 11	CPT PRCDR CD 11	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 12	CPT PRCDR CD 12	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 13	CPT_PRCDR_CD_13	Х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 14	CPT_PRCDR_CD_14	Х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 15	CPT_PRCDR_CD_15	Х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 16	CPT_PRCDR_CD_16	х	Х	х	CHAR	5	Synthesized	2
CPT Procedure							, Partially	
Code 17	CPT_PRCDR_CD_17	Х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 18	CPT_PRCDR_CD_18	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 19	CPT_PRCDR_CD_19	х	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 20	CPT_PRCDR_CD_20	х	х	х	CHAR	5	Synthesized	2

							Deutiellu	
CPT Procedure		V	V	V	CUAD	-	Partially	2
Code 21	CPT_PRCDR_CD_21	Х	Х	X	CHAR	5	Synthesized	2
CPT Procedure						_	Partially	-
Code 22	CPT_PRCDR_CD_22	Х	Х	Х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 23	CPT_PRCDR_CD_23	Х	Х	Х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 24	CPT_PRCDR_CD_24	Х	Х	Х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 25	CPT_PRCDR_CD_25	Х	Х	Х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 26	CPT_PRCDR_CD_26	Х	Х	Х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 27	CPT_PRCDR_CD_27	x	х	Х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 28	CPT_PRCDR_CD_28	x	х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 29	CPT_PRCDR_CD_29	Х	Х	х	CHAR	5	Synthesized	2
CPT Procedure							Partially	
Code 30	CPT PRCDR CD 30	х	х	x	CHAR	5	, Synthesized	2
CPT Procedure							Partially	
Code 31	CPT_PRCDR_CD_31	x	х	x	CHAR	5	Synthesized	2
CPT Procedure						5	Partially	_
Code 32	CPT_PRCDR_CD_32	х	x	x	CHAR	5	Synthesized	2
CPT Procedure		~		~		5	Partially	2
Code 33	CPT_PRCDR_CD_33	х	x	x	CHAR	5	Synthesized	2
CPT Procedure		^	^	^	CHAR	J	Partially	2
Code 34		x	x	x	CHAR	5	Synthesized	2
COUE 34 CPT Procedure	CPT_PRCDR_CD_34	^	^	^	СПАК	5		Z
Code 35	CPT_PRCDR_CD_35	x	x	x	CHAR	5	Partially Synthesized	2
		^	^	^	СПАК	5		Ζ
							Fully Synthesized,	
Discharge Status		v	v		CUAD	2	, , ,	2
Discharge Status	DSCHRG_STUS	X	X	X	CHAR	2	Suppressed	3
Facility ID	FACILITY_ID	Х	Х	Х	NUM	8	D II	
Secondary							Partially	
Diagnosis Code 1						_	Synthesized,	
(ICD-10)	ICD_DX_CD_1	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 2						_	Synthesized,	
(ICD-10)	ICD_DX_CD_2	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 3							Synthesized,	
(ICD-10)	ICD_DX_CD_3	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 4							Synthesized,	
(ICD-10)	ICD_DX_CD_4	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 5							Synthesized,	
(ICD-10)	ICD_DX_CD_5	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 6							Synthesized,	
(ICD-10)	ICD_DX_CD_6	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 7							Synthesized,	
(ICD-10)	ICD_DX_CD_7	Х	Х	х	CHAR	7	Suppressed	4
							· · ·	

Secondary							Partially	
Diagnosis Code 8							Synthesized,	
(ICD-10)	ICD_DX_CD_8	x	x	х	CHAR	7	Suppressed	4
Secondary		X	~	~	CHAR	,	Partially	
Diagnosis Code 9							Synthesized,	
(ICD-10)	ICD_DX_CD_9	x	x	х	CHAR	7	Suppressed	4
Secondary		~	~	~	CHAR	,	Partially	+
Diagnosis Code 10							Synthesized,	
(ICD-10)		v	v	v	CHAR	7	•	4
. ,	ICD_DX_CD_10	X	X	X	СПАК	/	Suppressed	4
Secondary							Partially	
Diagnosis Code 11		X	×	~	CLIAD	7	Synthesized,	
(ICD-10)	ICD_DX_CD_11	X	X	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 12						_	Synthesized,	_
(ICD-10)	ICD_DX_CD_12	X	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 13							Synthesized,	
(ICD-10)	ICD_DX_CD_13	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 14							Synthesized,	
(ICD-10)	ICD_DX_CD_14	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 15							Synthesized,	
(ICD-10)	ICD_DX_CD_15	Х	x	х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 16							Synthesized,	
(ICD-10)	ICD_DX_CD_16	x	х	x	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 17							Synthesized,	
(ICD-10)	ICD_DX_CD_17	x	х	x	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 18							Synthesized,	
(ICD-10)	ICD_DX_CD_18	x	x	х	CHAR	7	Suppressed	4
Secondary		X	~			,	Partially	•
Diagnosis Code 19							Synthesized,	
(ICD-10)	ICD_DX_CD_19	x	x	x	CHAR	7	Suppressed	4
Secondary		X	~	~	CHAR	,	Partially	
Diagnosis Code 20							Synthesized,	
(ICD-10)	ICD_DX_CD_20	x	x	x	CHAR	7	Suppressed	4
· ·		^	^	^	CHAR	/		4
Secondary							Partially	
Diagnosis Code 21		V	V	V	CLIAD	7	Synthesized,	
(ICD-10)	ICD_DX_CD_21	X	X	X	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 22					- ···-	_	Synthesized,	-
(ICD-10)	ICD_DX_CD_22	X	X	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 23							Synthesized,	
(ICD-10)	ICD_DX_CD_23	X	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 24							Synthesized,	
(ICD-10)	ICD_DX_CD_24	Х	Х	Х	CHAR	7	Suppressed	4
Secondary							Partially	
Diagnosis Code 25							Synthesized,	
(ICD-10)	ICD_DX_CD_25	Х	Х	Х	CHAR	7	Suppressed	4
,		1.7	1	1	.	•		•

		1						1
ICD Procedure Code 1 (ICD-10)	ICD_PRCDR_CD_1	x	x	x	CHAR	7	Partially Synthesized	5
ICD Procedure							Partially	
Code 2 (ICD-10)	ICD_PRCDR_CD_2	Х	Х	Х	CHAR	7	Synthesized	5
ICD Procedure Code 3 (ICD-10)	ICD_PRCDR_CD_3	х	x	x	CHAR	7	Partially Synthesized	5
ICD Procedure							Partially	
Code 4 (ICD-10)	ICD_PRCDR_CD_4	Х	Х	Х	CHAR	7	Synthesized	5
ICD Procedure		V	V	V	CLIAD	7	Partially Synthesized	
Code 5 (ICD-10) ICD Procedure	ICD_PRCDR_CD_5	X	X	X	CHAR	/	Partially	5
Code 6 (ICD-10)	ICD_PRCDR_CD_6	x	x	х	CHAR	7	Synthesized	5
ICD Procedure							Partially	
Code 7 (ICD-10)	ICD_PRCDR_CD_7	Х	Х	Х	CHAR	7	Synthesized	5
ICD Procedure		V	V	X	CLIAD	7	Partially Synthesized	
Code 8 (ICD-10) ICD Procedure	ICD_PRCDR_CD_8	X	X	X	CHAR	7	Partially	5
Code 9 (ICD-10)	ICD_PRCDR_CD_9	x	х	x	CHAR	7	Synthesized	5
ICD Procedure						-	Partially	
Code 10 (ICD-10)	ICD_PRCDR_CD_10	x	х	х	CHAR	7	Synthesized	5
ICD Procedure							Partially	
Code 11 (ICD-10)	ICD_PRCDR_CD_11	Х	Х	Х	CHAR	7	Synthesized	5
ICD Procedure						_	Partially	_
Code 12 (ICD-10)	ICD_PRCDR_CD_12	Х	Х	X	CHAR	7	Synthesized	5
ICD Procedure Code 13 (ICD-10)	ICD_PRCDR_CD_13	х	x	x	CHAR	7	Partially Synthesized	5
ICD Procedure							Partially	
Code 14 (ICD-10)	ICD_PRCDR_CD_14	Х	Х	Х	CHAR	7	Synthesized	5
ICD Procedure Code 15 (ICD-10)	ICD_PRCDR_CD_15	x	x	x	CHAR	7	Partially Synthesized	5
ICD Procedure							Partially	
Code 16 (ICD-10)	ICD_PRCDR_CD_16	Х	Х	X	CHAR	7	Synthesized	5
ICD Procedure						_	Partially	_
Code 17 (ICD-10)	ICD_PRCDR_CD_17	Х	Х	X	CHAR	7	Synthesized Partially	5
ICD Procedure Code 18 (ICD-10)	ICD_PRCDR_CD_18	x	x	x	CHAR	7	Synthesized	5
ICD Procedure			~		CHAR	,	Partially	5
Code 19 (ICD-10)	ICD_PRCDR_CD_19	х	х	x	CHAR	7	, Synthesized	5
ICD Procedure							Partially	
Code 20 (ICD-10)	ICD_PRCDR_CD_20	х	х	Х	CHAR	7	Synthesized	5
ICD Procedure							Partially	
Code 21 (ICD-10)	ICD_PRCDR_CD_21	Х	Х	X	CHAR	7	Synthesized	5
ICD Procedure			V		CLIAD	7	Partially Synthesized	-
Code 22 (ICD-10) ICD Procedure	ICD_PRCDR_CD_22	X	X	X	CHAR	/	Partially	5
Code 23 (ICD-10)	ICD_PRCDR_CD_23	x	x	x	CHAR	7	Synthesized	5
ICD Procedure						,	, Partially	
Code 24 (ICD-10)	ICD_PRCDR_CD_24	х	х	х	CHAR	7	Synthesized	5
ICD Procedure							Partially	
Code 25 (ICD-10)	ICD_PRCDR_CD_25	Х	Х	Х	CHAR	7	Synthesized	5
Length of Stay	LOS	Х	Х	Х	NUM	3	Suppressed	6

Unique Person								
Identifier	PERSON_ID	Х	Х	Х	NUM	8	Masked	
Person Weight	PERSON_WGHT	Х	Х	x	NUM	8	Suppressed	7
							Fully	
Plan Paid Amount	PLAN_PMT_AMT	Х	Х	Х	NUM	8	Synthesized	
							Partially	
Primary Diagnosis							Synthesized,	
Code (ICD-10)	PRMRY_DX_CD	Х	Х	Х	CHAR	7	Suppressed	8
Service Begin Date	SRVC_BEG_DATE	Х	Х	Х	NUM	4		
Service End Date	SRVC_END_DATE	Х	Х	х	NUM	4		
Type of Bill	TOB_CD	Х	Х	х	CHAR	3		
Total Charged							Fully	
Amount	TOT_CHRG_AMT	Х	Х		NUM	8	Synthesized	9
Primary Diagnosis								
Code (ICD-10)	PRMRY_DX_IMPUTE							
Imputed Flag	D	Х	Х	Х	NUM	3		

**1: Records with value equal to 4 were deleted. Inpatient only. 2: No data for Medicaid Inpatient file. 3: Values equal to 21 changed to 00 4: Certain values changed to missing to prevent identification. 5: No data for Medicaid Outpatient file. 6: Capped to 60 days and random noise added to LOS between 20-60 days. 7: Rounded to nearest hundredth (i.e., two digits after decimal). 8: Certain values changed to missing to prevent identification. 9: No data for Commercial Outpatient.

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