

Table 3

Format of the Main Data Set Categories Extracted from the Standards and Paper-based Record Sheets

Data Class	ASTM Standards		HL7 Standards		Paper Record	
	Free text	Structured	Free text	Structured	Free Text	Structured
Administrative	14	9	17	6	9	3
Encounter	6	4	-	3	6	6
Problem	4	2	-	-	-	-
Treatment plan	7	-	3	-	1	-
Provider	1	-	1	-	3	-
Exam	3	1	1	-	5	3
Diagnosis	2	9	-	-	3	-
History	3	4	-	-	6	-
Event	3	1	2	1	2	-
Insurance	2	3	5	3	6	1
Total	45	33	29	13	41	13