

FIGURE 4-10 Data tables for patients, addresses, encounters and providers.

Patient Info Table				
Pat_#	Last_Name	First_Name	Middle_Name	Birthdate
59301	Garcia	Rosa	Marie	19781229
18889	Green	Gloria	Leigh	19511202
1398	Baker	Harold		19680118

Patient Address Table				
Pat_#	Address	City	State	Zip
59301	1301 Paces Ferry Rd	Atlanta	GA	30339-1301
18889	3529 Cobb Dr	Smyrna	GA	30080-3529
1398	9856 Peachtree Rd	Atlanta	GA	30305-9856

Patient Visits Table				
Pat_#	Encounter_#	Date	Time	Provider_#
59301	100875	20071220	09:00	1
59301	111219	20080211	11:15	2
59301	120547	20080601	16:30	1

Provider Info Table				
Provider_#	Last_Name	First_Name	Middle_Name	Credentials
1	Jones	Clive	Carl	MD
2	Smith	Marsha	Ann	ARNP
3	Lopez	Roseanne		MD

RELATIONAL DATA

The data dictionary may also indicate the relationship between records in one table to related records in another. Databases are designed to be very efficient. Long pieces of information that will be used many times can be stored