

Exercise 2

In Exercise 1, you developed a mission statement, mission objectives, and a preliminary field list of fields for a SARS surveillance database using the CDC's surveillance forms as a guide (available for download from <http://www.cdc.gov/ncidod/sars/guidance/B/index.htm>; accessed 07.20.04). In this exercise, you will design the database further by developing an Entity-Relationship diagram for the database from the list of preliminary fields you completed last time.

Preliminary List of Subjects

From the list of preliminary fields you completed in Exercise 1, list the subjects (main broad categories) for these fields:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Draw your Entity-Relationship Diagram

Now that you have the list of subjects, draw your Entity-Relationship Diagram to illustrate how these subjects are related. This diagram will help you plan the table structure of your database and further refine the blueprint for your database.

Associating Fields with Tables

For now, you can make each subject a separate table in your database. Using the attached Tables and Fields Worksheet, list table (subject) names in the top row of the grid. Under the table name, list the fields associated with the table. Use the back of the worksheet if you need more tables.

For example, my case patients table (“case”) might look like this:

<i>CASE</i>
Firstname
Lastname
Ageatonsset
City
County
State
Race
Ethnicity

Table Description

Write a brief description for each of the tables so that you have it clear in your mind what types of information each table contains.

1.

2.

3.

4.

5.

