Preface vii Acknowledgments ix

- Beyond epidemiology 1
 Managing spatial information to increase health care efficiency and service, and save lives.
- 2 Starting with the classics 11
 Bringing CDC-developed GIS software to bear in the science of epidemiology.
- 3 Finding the link 19
 Investigating how pollution might be contributing to the high rate of breast cancer on Cape Cod, Massachusetts.
- 4 Breaking the cycle 29
 Helping prevent the spread of malaria in western Kenya.

- Making the right calls 37
 Analyzing sales territories for the world's pharmaceutical companies.
- 6 Comparing apples to apples 45
 Comparing health care practices by region with GIS software on the Dartmouth Atlas Data Viewer.
- 7 Mapping a niche 53
 Siting locations for new assisted-living centers in Nashville, Tennessee.
- 8 Getting back to work 61
 Locating rehabilitation centers where they'll do the most good for employers and injured employees alike.
- 9 Cutting costs 69
 Uncovering the patterns of injury to help employers reduce costs and make health care more available.
- Making it even 77

 Managing member enrollment, funding, and facilities siting at a southern California HMO.

11 Finding a place 85

Managing information overload to create a safe, professional environment for hospital patients and employees.

Tracking the plumes 93

Modeling a toxic spill to help protect people living nearby.

Other books from ESRI Press