

CONTENTS

<i>Introduction</i>	vii
<i>How to use this book</i>	ix
PART 1: HUMANS IN CRISIS	1
Data and smart maps elevate human services Snohomish County, Washington State	3
GIS inspires a new way for the Point-in-Time Count Placer and Nevada Counties, California	9
Infectious mosquitoes pose increasing health threat Volusia County, Florida	13
Researchers unlock opioid overdose patterns using geospatial analysis University of Texas Health Science Center at Houston/ Houston Emergency Opioid Engagement System	19
PART 2: PUBLIC HEALTH PREPAREDNESS	25
GIS-based contact tracing initiative sets US precedent Allentown, Bethlehem, York City, and Wilkes-Barre, Pennsylvania	27
PART 3: HEALTH EQUITY	35
How a map of trees helped city leaders tackle social inequities Austin, Texas	37
Mapping food and essentials to guide people Atlanta Community Food Bank; Santa Monica, California; and Cobb County, Georgia	44

Urban parks play a key role in curbing inequity Trust for Public Land	49
Using location intelligence to match programs to member needs YMCA of the USA	56
Food bank uses survey solution to support food delivery Yolo Food Bank, California	61
PART 4: ACCESS TO CARE	67
Citywide health initiative improves lives Rancho Cucamonga, California	69
Helping essential workers locate childcare facilities State of Washington	74
Better routing leads to better health care Health services company	76
PART 5: STRATEGIC PLANNING	83
Connecting location to better patient outcomes Loma Linda University Health in California	86
Improving community health Providence St. Joseph Health	90
Helping schools navigate the pandemic Riverview School District, Pennsylvania	93
NEXT STEPS	95
<i>Contributors</i>	103