

The 2009 Iowa Health Fact Book

The University of Iowa

Susan J. Curry, Dean of the College of Public Health

Jane Pendergast, Director, Center for Public Health Statistics

Jacob Oleson, Center for Public Health Statistics

Benjamin Booth, Center for Public Health Statistics

Patti O'Neill, Designer, Communications Office, College of Public Health

Theresa Dunkin, Division Director, Information Systems/Research, Office of Statewide
Clinical Education Programs

Iowa Department of Public Health

Tom Newton, IDPH Director

Jill France, Chief, Bureau of Health Statistics

Rita Gergely, Chief, Bureau of Lead Poisoning Prevention

Louise Lex, Coordinator, Healthy Iowans 2010

Donna Johnson, Project Manager, Bureau of Health Statistics

Sponsored by
The University of Iowa College of Public Health
Iowa Department of Public Health

Host Website for the 2009 Iowa Health Fact Book:

<http://www.public-health.uiowa.edu/FACTBOOK>

*You can also link to the above website via
the Iowa Department of Public Health website:*

<http://www.idph.state.ia.us>

Questions and/or comments regarding the 2009 Iowa Health Fact Book may be directed to:

Jacob Oleson
Center for Public Health Statistics
College of Public Health
2220 Westlawn Building
The University of Iowa
Iowa City, IA 52242-1102

Telephone: 319.335.7005
Fax: 319.353.4248

Email:
cph-factbook@uiowa.edu

The correct bibliographic citation for this book is as follows:

The University of Iowa and the Iowa Department of Public Health. 2009 Iowa Health Fact Book.
Iowa City, IA: The University of Iowa College of Public Health. July 2009.

Acknowledgements

A number of individuals and their respective organizations contributed to the creation of the 2009 Iowa Health Fact Book. Their collaborative efforts are greatly appreciated, as are the efforts of all others in their organizations who provided information or support for this 2009 edition of the Iowa Health Fact Book.

Steering Committee for the 2009 Iowa Health Fact Book

The University of Iowa

Susan J. Curry
Charles Lynch
Jacob Oleson
Jane Pendergast
James Torner
Michele West

Iowa Department of Public Health

Jill France
Donna Johnson
Josh Jungling
Louise Lex

Other Individuals Contributing Data, Resource Information, or Management, Technical, or Clerical Support

The University of Iowa

Benjamin Booth, Center for Public Health Statistics
Jason Brubaker, State Health Registry of Iowa
Dan McMillan, Director of Communications, College of Public Health
Angela Meisterling, Center for Public Health Statistics
Greyson Purcell, Academic Technologies
Paul Romitti, College of Public Health, Director of Iowa Registry for Congenital and Inherited Disorders
Linda Thiesen, Office of Statewide Clinical Education Programs
Roger Tracy, Director of the Office of Statewide Clinical Education Programs

Iowa Department of Public Health

John Satre, Center for Acute Disease Epidemiology
Donald S. Shepherd, BRFSS Coordinator
Rita Gergely, Chief, Bureau of Lead Poisoning Prevention
Kirk Schmitt, Chief, Bureau of Emergency Medical Services

Other Acknowledgements

Iowa Department of Inspections and Appeals, Health Facilities Division
Iowa Consortium for Substance Abuse Research and Evaluation
Iowa Kids Count, Child & Family Policy Center
National Center for Health Statistics, Centers for Disease Control and Prevention
U.S. Census Bureau

[This page has been intentionally left blank.]

Welcome to the 2009 Iowa Health Fact Book!

This book is the seventh in a series of Iowa Health Fact Book biennial publications and has been produced as a collaborative effort between The University of Iowa College of Public Health and the Iowa Department of Public Health. New to this edition is the section on Social Determinants of Health which is to coincide with the upcoming Healthy People 2020 release. Much of the information in the book is presented for each of Iowa's 99 counties and includes such knowledge as data on disease incidence and mortality, health and social behaviors, health resources, and environmental factors. With this book, we present a tool that is useful to Iowa's health care providers, health policy-makers, public health practitioners, and health researchers alike.

The previous Iowa Health Fact Books were distributed to registrants at the Governor's Conference on Public Health in either print or CD-ROM format. All previous editions are available for download via the College of Public Health Website. A limited number of printed copies of the 2009 edition will be available for those who prefer a bound book. Note that the pages of the book can be printed from the CD-ROM files or from PDF files on our website.

The format of the 2009 Fact Book follows closely to that of the past editions, allowing users the ability to track changes over time. As we continue this effort over the years, we are in a better position to track changes longitudinally. Like the previous editions, we present the data in a descriptive format, without analysis and interpretation of trends. The interested reader is free to use these data in his/her own analyses, and is encouraged to do so with care and attention paid to analytic issues such as small counts and possible changes in the way the data are collected. The data source is given for each type of information presented, and those responsible for collecting the data can address any questions you may have. You will also find a list of other health information resources and their contact information in the Appendix.

We are pleased to make this rich source of health information available to the public and hope that you find it useful.

Sincerely,

Susan J. Curry, Ph.D.

Dean, College of Public Health

Jane Pendergast, Ph.D., Director

Jacob Oleson, Ph.D., Editor

Center for Public Health Statistics

[This page has been intentionally left blank.]

Table of Contents

Introduction	1
Introduction	1
Fact Book Conventions.....	2
Healthy Iowans 2010 Leading Indicators	5
Demographics	9
Introduction to the Demographics Section.....	9
State Population Distributions 1999-2008	10
Average Annual Population Distribution by Age 2002-2006.....	14
Aging Trend in Iowa.....	16
Estimated Year 2000 U.S. Standard Population.....	17
Social Determinants of Health.....	19
High School Graduation Rates 2007-2008	20
Poverty Levels 2007	22
Uninsured (Under 65) 2005	23
Health Behaviors	25
Introduction to the Health Behaviors Section.....	25
Introduction to the Behavioral Risk Factor Surveillance System (BRFSS).....	26
Iowa Behavioral Risk Factor Surveillance System (BRFSS) 2007-2008.....	27
Introduction to the Iowa Youth Survey (IYS).....	28
Iowa Youth Survey (IYS) 2008	30
Substance Abuse Treatment.....	34
Local Sites for Substance Abuse Treatment.....	35
Marriages 2006-2007.....	36
Dissolutions 2006-2007	37
Prenatal and Infant Health	39
Introduction to the Prenatal and Infant Health Section.....	39
Live Births 2006-2007	40
Out-of-Wedlock Births 2006-2007	41
Mothers Under Age 20 2006-2007	43
Low Birth Weight (< 2500 Grams) 2006-2007	44
Mothers Who Began Prenatal Care in the First Trimester 2006.....	46
Mothers Who Smoked During Pregnancy 2006-2007	48
Mothers Who Drank During Pregnancy 2006	49
Fetal Deaths 2006-2007	51
Neonatal Deaths 2006-2007	52
Perinatal Deaths 2006-2007	54
Infant Deaths 2006-2007	55
Birth Defects 2004-2005	57
Selected Birth Defects in Iowa 2004-2005.....	59
Infectious Diseases.....	61
Introduction to Infectious Diseases Section.....	61
Sexually Transmitted Diseases 2007-2008	62
Selected Infectious Diseases 2000-2008	64

Cancer Incidence and Mortality 65

Introduction to Cancer Incidence and Mortality Section	65
All Sites of Cancer Incidence 2002-2006.....	66
All Sites of Cancer Mortality 2002-2006	68
Prostate Cancer Incidence 2002-2006	70
Prostate Cancer Mortality 2002-2006.....	72
Lung Cancer Incidence 2002-2006	74
Lung Cancer Mortality 2002-2006	76
Female Breast Cancer Incidence 2002-2006	78
Female Breast Cancer Mortality 2002-2006	80
Colorectal Cancer Incidence 2002-2006	82
Colorectal Cancer Mortality 2002-2006	84
Non-Hodgkin's Lymphoma Incidence 2002-2006	86
Non-Hodgkin's Lymphoma Mortality 2002-2006	88
Leukemia Incidence 2002-2006	90
Leukemia Mortality 2002-2006.....	92
Skin Melanoma Incidence 2002-2006	94
Skin Melanoma Mortality 2002-2006.....	96
Oral Cavity (Excluding Lip) Cancer Incidence 2002-2006.....	98
Oral Cavity (Excluding Lip) Cancer Mortality 2002-2006.....	100
Cervical Cancer Incidence 2002-2006	102
Cervical Cancer Mortality 2002-2006	104

Injury Mortality..... 107

Introduction to Injury Mortality Section	107
All Transportation Mortality 2002-2006.....	108
Motor Vehicle Traffic Mortality 2002-2006	110
Suicides 2002-2006.....	112
Firearms Mortality 2002-2006	114
Falls Mortality 2002-2006.....	116
Homicides 2002-2006.....	118
Poisoning Mortality 2002-2006.....	120
Burns Mortality 2002-2006.....	122
Drowning Mortality 2002-2006	124
All Other Unintentional Mortality 2002-2006	126

Youth Injury Mortality 129

Introduction to the Youth Injury Mortality Section.....	129
Age 0-14: All Transportation Mortality 2002-2006.....	130
Age 15-19: All Transportation Mortality 2002-2006.....	131
Age 0-14: Motor Vehicle Traffic Mortality 2002-2006	133
Age 15-19: Motor Vehicle Traffic Mortality 2002-2006	134
Age 0-14 & 15-19: Suicides by County Group 1979-2006.....	136
Age 0-14 & 15-19: Homicides by County Group 1979-2006	137

Other Mortality..... 139

Introduction to Other Mortality Section	139
All Causes Mortality 2002-2006	140
Heart Disease Mortality 2002-2006.....	142
Stroke Mortality 2002-2006.....	144
Chronic Obstructive Pulmonary Disease Mortality 2002-2006	146
Pneumonia / Influenza Mortality 2002-2006	148
Diabetes Mellitus Mortality 2002-2006	150
Atherosclerosis Mortality 2002-2006	152

Infectious / Parasitic Mortality 2002-2006	154
Nephritis, Nephrotic Syndrome, Nephrosis Mortality 2002-2006	156
Chronic Liver Disease and Cirrhosis Mortality 2002-2006.....	158
Congenital Anomalies Mortality 2002-2006	160
Conditions Originating in Perinatal Period Mortality 2002-2006	162
Alzheimer's Mortality 2002-2006	164

Health Care Providers..... 167

Introduction to Health Care Providers Section	167
Total Physicians 2007.....	168
Primary Care Physicians 2007	169
Family Practice Physicians 2007.....	170
Internal Medicine Physicians 2007	171
Pediatric Physicians 2007.....	172
Obstetrics / Gynecology Physicians 2007	173
General Surgeons 2007.....	174
Other Specialty Physicians 2007.....	175
Physician Assistants 2007	176
Advanced Practical Nurses 2007	177
Pharmacists 2007.....	178
Dentists 2007	179
Emergency Care Providers – Total 2007.....	180
First Responders 2007	181
Emergency Medical Technicians – Basic 2007.....	182
Emergency Medical Technicians – Intermediate 2007.....	183
Emergency Medical Technicians – Paramedics 2007.....	184
Emergency Medical Technicians – Paramedic Specialists 2007	185

Health Care Facilities..... 187

Introduction to Health Care Facilities Section	187
Community and Migrant Health Centers.....	188
Certified Rural Health Clinics	188
Hospitals 2007.....	189
Hospital Beds 2007	190
Nursing Facilities 2007	191
Nursing Facility Beds 2007	192
Chronic Confusion or Dementing Illness Units 2007	193
Beds in Chronic Confusion or Dementing Illness Units 2007	194
Intermediate Care Facilities for the Mentally Retarded 2007.....	195
Intermediate Care Beds for the Mentally Retarded 2007	196
Residential Care Facilities 2007.....	197
Beds in Residential Care Facilities 2007	198
Residential Care Facilities for Persons with Mental Illness 2007.....	199
Beds in Residential Care Facilities for Persons with Mental Illness 2007	200
Residential Care Facilities for the Mentally Retarded 2007.....	201
Beds in Residential Care Facilities for the Mentally Retarded 2007	202
3-5 Bed Units for the Mentally Retarded 2007.....	203
Beds in 3-5 Bed Units for the Mentally Retarded 2007	204
Psychiatric Medical Institutions for Children 2007.....	205
Beds in Psychiatric Medical Institutions for Children 2007	206
Total Trauma Care Facilities 2007	207
Community Trauma Care Facilities 2007	208
Area Trauma Care Facilities 2007.....	209
Regional Trauma Care Facilities 2007	210
Resource Trauma Care Facilities 2007	211

Environmental Health Indicators	213
Introduction to Environmental Health Indicators Section	213
Childhood Blood Lead Poisoning Introduction	214
Percent of Children Tested for Blood Lead Poisoning, 2001-2002	216
Elevated Levels of Blood Lead: Children Born in 2001	217
Elevated Levels of Blood Lead: Children Born in 2002	218
Elevated Levels of Blood Lead: Children Born in 2001-2002	219
Tested for Blood Lead: Children Born in 1992-2002	220
Appendix I: Data Sources	221
Appendix II: Glossary of Terms	229
Appendix III: Coding and Classifications	235
Appendix IV: Iowa Health Data Information Resources	239