TABLE OF CONTENTS

TOPIC	PAGE
Preface	i
Table of Contents	iii
List of Tables	V
List of Figures	хi
Overview	3
Natality	21
Infant Mortality	39
Mortality	55
Induced Abortion	81
Marriage and Divorce	95
Infectious Disease	105
Health Status Profiles	129
Health Status Maps	199
Technical Notes	225
A. Sources of Data	225
B. Data Limitations	226
C. Geographic Allocation	227
D. Definitions	227
E. Definitions of Medical Terms	230
F. Mortality Coding	231
Appendix A. Abortion Forms	235
References	241

LIST OF TABLES

Table		Page
	OVERVIEW	
1	Selected South Dakota Health Statistics, 2012-2013	4-5
2	South Dakota Vital Statistics by County, 2013	6-7
3	Selected Records in Vital Statistics, South Dakota, 2013	8
4	South Dakota Resident Births by Resident County and Year of Birth, 2004-2013	10-11
5	South Dakota Resident Deaths by Resident County and Year of Death, 2004-2013	12-13
6	Marriages Occurring in South Dakota by County of Occurrence and Year of Marriage, 2004-2013	14-15
7	Divorces Occurring in South Dakota by County of Occurrence and Year of Divorce, 2004-2013	16-17
	NATALITY	
8	Resident Live Births and Crude Birth Rates, South Dakota and United States, 2000-2013	21
9	South Dakota Resident Live Births by Mother's Race, 2004-2013	22
10	South Dakota Resident Multiple Live Births, 2004-2013	22
11	South Dakota Resident Births Out of Wedlock by Year of Birth and Race, 2004-2013	23
12	South Dakota Resident Live Births by Birth Weight and Mother's Race, 2013	23
12a	South Dakota Resident Births by Birth Weight and Year of Birth, 2004-2013	24
13	South Dakota Resident Low Birth Weight Births by Race of Mother, 2004-2013	24
14	South Dakota Resident Births by Year of Birth and Weeks of Gestation, 2004-2013	25
15	South Dakota Resident Live Births by Cigarette Smoking Status, 2006-2013	25
16	South Dakota Resident Births to Mothers Who Smoked Prior to Pregnancy, by Smoking Status During Pregnancy, 2006-2013	25
17	South Dakota Resident Live Births by Mother's Age and Race, 2013	26
17a	South Dakota Resident Live Births by Mother's Age and Year of Birth, 2004-2013	26

Table		Page
18	South Dakota Resident Teen Births and Rates by Year and Mother's Race, 2004-2013	28
19	South Dakota Resident Live Births by Trimester Prenatal Care Began and Mother's Race, 2013	28
19a	South Dakota Resident Live Births by Trimester Prenatal Care Began, 2006-2013	29
20	South Dakota Resident Live Births by Payment Type, 2009-2013	29
21	South Dakota Resident Live Births by Attendant at Birth, 2004-2013	30
22	South Dakota Resident Live Births by Infections Present and/or Treated During This Pregnancy and Year of Birth, 2009-2013	30
23	South Dakota Resident Live Births by Mother's Medical History Factors And Year of Birth, 2009-2013	31
24	South Dakota Resident Live Births by Characteristics of Labor and Delivery And Year of Birth, 2009-2013	32
25	South Dakota Resident Live Births by Obstetric Procedures and Year of Birth, 2009-2013	32
26	South Dakota Resident Live Births by Onset of Labor and Year of Birth, 2009-2013	33
27	South Dakota Resident Live Births by Maternal Complications and Year of Birth, 2009-2013	33
28	South Dakota Resident Live Births by Method of Delivery and Year of Birth, 2009-2013	34
29	South Dakota Resident Births by Method of Delivery and Fetal Presentation, 2013	34
30	South Dakota Resident Live Births by Abnormal Conditions of Newborn and Year of Birth, 2009-2013	35
31	South Dakota Resident Births with Reported Congenital Anomalies and Year of Birth, 2009-2013	35
	INFANT MORTALITY	
32	Resident Infant Deaths and Infant Mortality Rates, South Dakota and United States, 1994-2013	39
33	South Dakota Resident Leading Causes of Infant Death, 2009-2013	41
34a	South Dakota Resident Infant Deaths and Mortality Rates by Infant's Race, 2004-2013	42

Table		Page
34b	South Dakota Resident Infant Deaths and Mortality Rates by Infant's Race, Five-Year Increments, 2004-2013	42
35a	South Dakota Resident Neonatal Deaths and Mortality Rates by Infant's Race, 2004-2013	43
35b	South Dakota Resident Neonatal Deaths and Mortality Rates by Infant's Race, Five-Year Increments, 2004-2013	43
36a	South Dakota Resident Postneonatal Deaths and Mortality Rates by Infant's Race, 2004-2013	44
36b	South Dakota Resident Postneonatal Deaths and Mortality Rates by Infant's Race, Five-Year Increments, 2004-2013	44
37	South Dakota Resident Infant Deaths by Cause of Death and Race, 2009-2013	45
38	South Dakota Resident Infant Mortality Rates by Birth Weight, 2009-2013	46
39	South Dakota Resident Infant Mortality Rates by Prenatal Care, 2009-2013	46
40	South Dakota Resident Infant Mortality Rates by Gestation Period, 2009-2013	47
41	South Dakota Resident Infant Mortality Rates by Tobacco Use of Mother, 2009-2013	47
42a	South Dakota Resident Infant Mortality Rates by Demographics of Mother, 2009-2013	48-49
42b	South Dakota Resident Infant Mortality Rates by Previous Pregnancy History, 2009-2013	49
42c	South Dakota Resident Infant Mortality Rates by Labor and Delivery, 2009-2013	50-51
42d	South Dakota Resident Infant Mortality Rates by Post Delivery Conditions, 2009-2013	51
	MORTALITY	
43	Resident Deaths, Crude Death Rates, and Age-Adjusted Death Rates, South Dakota and United States, 2000-2013	55
44	South Dakota Resident Leading Causes of Death Due to Accidents, 2009-2013	57
45	South Dakota Resident Leading Causes of Death, 2009-2013	58

Table		Page
46	South Dakota Resident Leading Causes of Death by Race, 2013	59
47	South Dakota Resident Leading Causes of Death by Gender, 2013	60
48	South Dakota Resident Five Leading Causes of Death by Age Group, 2013	61
49	Median Age at Death for South Dakota Residents for the Leading Causes of Death by Race and Gender, 2013	62
50	South Dakota Resident Deaths by Cause of Death and Place of Death, 2013	64
51	South Dakota Resident Leading Causes of Death as They Relate to Tobacco Use, 2012	65
52	South Dakota Resident Maternal Deaths by Year of Death, 2004-2013	67
53	South Dakota Resident Deaths by Disposition, 2004-2013	68
54a	South Dakota Resident Deaths for 15 Leading Causes and Selected Components, 2004-2013	68-69
54b	South Dakota Resident Crude Death Rates for 15 Leading Causes and Selected Components, 2004-2013	69-70
54c	South Dakota Resident Age-Adjusted Death Rates for 15 Leading Causes and Selected Components, 2004-2013	70-71
	INDUCED ABORTION	
55	Induced Abortions Occurring in South Dakota by Patient's State of Residence and Age, 2013	81
56	South Dakota Resident Induced Abortions Occurring in South Dakota by Patient's Resident County, 2013	81
57	South Dakota Resident Induced Abortions Occurring in South Dakota by Patient's Resident City, 2013	82
58	Induced Abortions Occurring in South Dakota by Age and South Dakota Resident Induced Abortions by Age, 2013	82
59	Induced Abortions Occurring in South Dakota by Patient's Age and Race, 2013	82
60	Induced Abortions Occurring in South Dakota by Patient's Education and Marital Status, 2013	83
61	Induced Abortions Occurring in South Dakota by Payment and Insurance Coverage Type, 2013	84
62	Induced Abortions Occurring in South Dakota by Fetal Abnormality, 2013	89
63	Induced Abortions Occurring in South Dakota by Method of Disposal, 2013	89

Table		Page
64	Induced Abortions Occurring in South Dakota by Any Additional Procedures Used, 2013	90
65	Induced Abortions Occurring in South Dakota by Reason for Abortion, 2009-2013	91
	MARRIAGE AND DIVORCE	
66	Marriages and Marriage Rates by Occurrence, South Dakota and United States, 2000-2013	96
67	Marriages Occurring in South Dakota by Median Age and Year, 1970-2013	96
68	Age of Brides by Year for Marriages Occurring in South Dakota, 2004-2013 \dots	97
69	Age of Grooms by Year for Marriages Occurring in South Dakota, 2004-2013	97
70	Number of Previous Marriages for Brides by Year for Marriages Occurring in South Dakota, 2004-2013	97
71	Number of Previous Marriages for Grooms by Year for Marriages Occurring in South Dakota, 2004-2013	98
72	Number of Previous Marriages for Brides by Age for Marriages Occurring in South Dakota, 2004-2013	98
73	Number of Previous Marriages for Grooms by Age for Marriages Occurring in South Dakota, 2004-2013	99
74	Month of Marriages for Marriages Occurring in South Dakota, 2009-2013	99
75	Number and Rate of Divorces by Occurrence, South Dakota and United States, 2000-2013	100
76	Duration of Marriage Ending in Divorces by Year for Divorces Occurring in South Dakota, 2004-2013	100
77	Number of Children Involved in Divorce by Year for Divorces Occurring in South Dakota, 2004-2013	101
	INFECTIOUS DISEASE	
78	Reportable Diseases in South Dakota, 2004-2013	106
79	South Dakota Selected Notifiable Diseases by County, 2013	
80	South Dakota Selected Notifiable Disease Summary by Gender, Race,	
	and Age, 2013	109
81	Age Distribution of Laboratory Confirmed Cases of Influenza and Influenza Associated Hospitalizations and Deaths, 2013	114

Table		Page
82	Syphilis in South Dakota, 2004-2013	117
83	Most Common Salmonella Serotypes, South Dakota, 2004-2013	121
84	Most Common Shigella Serotypes, South Dakota, 2004-2013	122
85	Animals Tested and Confirmed Rabies Cases in South Dakota, 2004-2013	123

LIST OF FIGURES

Figure)	Page
	OVERVIEW	J
1	Birth, Death, Marriage, and Divorce Rates for South Dakota, 1906-2013	9
	NATALITY	
2	South Dakota Resident Live Births by Gestation and Median Birth Weight, 2009-2013	24
3	South Dakota Resident Live Births by WIC Status, 2006-2013	27
4	South Dakota Resident Live Births by Breastfeeding Status at Time of Discharge, 2006-2013	27
5	South Dakota Resident Home Births, 2004-2013	29
	INFANT MORTALITY	
6	Resident Infant Mortality Rates, South Dakota and United States, 1999-2013	40
7	Resident Infant Mortality Rates for South Dakota, 1994-2013	40
	MORTALITY	
8	South Dakota Resident Crude Death Rate Due to Malignant Neoplasms and Heart Disease by Year of Death, 2000-2013	56
9	Median Age at Death for South Dakota Residents for the Leading Causes of Death, 2013	61
10	South Dakota Resident Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death, 2013	63
11	Age-Adjusted Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, 2013	63
12	South Dakota Resident Drug-Induced Deaths, 2008-2013	65
13	South Dakota Resident Alcohol-Induced Deaths, 2008-2013	66
14	South Dakota Resident Deaths Due to Farm Accidents, 2006-2013	66
15	South Dakota Resident Deaths Due to Firearms, 2008-2013	67
16	South Dakota Resident Crude Death Rate Due to Heart Disease by Year of Death, 2004-2013	71
17	South Dakota Resident Crude Death Rate Due to Malignant Neoplasms by Year of Death, 2004-2013	72
17a	South Dakota Resident Crude Death Rate Due to Trachea, Bronchus, and Lung Cancer by Year of Death, 2004-2013	72

LIST OF FIGURES (Continued)

Figur	e	Page
17b	South Dakota Resident Crude Death Rate Due to Colon, Rectum, and Anus Cancer by Year of Death, 2004-2013	72
17c	South Dakota Resident Crude Death Rate Due to Pancreas Cancer by Year of Death, 2004-2013	73
17d	South Dakota Resident Crude Death Rate Due to Female Breast Cancer by Year of Death, 2004-2013	73
17e	South Dakota Resident Crude Death Rate Due to Leukemia by Year of Death, 2004-2013	73
17f	South Dakota Resident Crude Death Rate Due to Prostate Cancer by Year of Death, 2004-2013	74
18	South Dakota Resident Crude Death Rate Due to Accidents by Year of Death, 2004-2013	74
18a	South Dakota Resident Crude Death Rate Due to Motor Vehicle Accidents by Year of Death, 2004-2013	74
19	South Dakota Resident Crude Death Rate Due to Alzheimer's Disease by Year of Death, 2004-2013	75
20	South Dakota Resident Crude Death Rate Due to Cerebrovascular Disease by Year of Death, 2004-2013	75
21	South Dakota Resident Crude Death Rate Due to Chronic Lower Respiratory Disease by Year of Death, 2004-2013	75
22	South Dakota Resident Crude Death Rate Due to Diabetes Mellitus by Year of Death, 2004-2013	76
23	South Dakota Resident Crude Death Rate Due to Influenza and Pneumonia by Year of Death, 2004-2013	76
24	South Dakota Resident Crude Death Rate Due to Intentional Self-Harm (Suicide) by Year of Death, 2004-2013	76
25	South Dakota Resident Crude Death Rate Due to Chronic Liver Disease and Cirrhosis by Year of Death, 2004-2013	77
26	South Dakota Resident Crude Death Rate Due to Unspecified Dementia by Year of Death, 2004-2013	77
27	South Dakota Resident Crude Death Rate Due to Parkinson's Disease by Year of Death, 2004-2013	77
28	South Dakota Resident Crude Death Rate Due to Septicemia by Year of Death, 2004-2013	78
29	South Dakota Resident Crude Death Rate Due to Essential (Primary) Hypertension and Hypertensive Renal Disease by Year of Death, 2004-2013	78
30	South Dakota Resident Crude Death Rate Due to Nephritis, Nephrotic Syndrome, and Nephrosis by Year of Death, 2004-2013	78

LIST OF FIGURES (Continued)

Figure		Page
	INDUCED ABORTION	
31	Induced Abortions Occurring in South Dakota by Ethnicity of Patient, 2013	83
32	Induced Abortions Occurring in South Dakota by Fee Collected for Abortion, 2009-2013	84
33	Induced Abortions Occurring in South Dakota by the Number of Patient's Children Who are Now Living, 2009-2013	85
34	Induced Abortions Occurring in South Dakota by Previous Spontaneous Terminations, 2009-2013	85
35	Induced Abortions Occurring in South Dakota by Previous Induced Abortions, 2009-2013	86
36	Induced Abortions Occurring in South Dakota by Month of Abortion, 2013	87
37	Induced Abortions Occurring in South Dakota by Number of Weeks Since Last Normal Menses Began, 2012	87
38	Induced Abortions Occurring in South Dakota by Approximate Gestational Age, 2009-2013	88
39	Induced Abortions Occurring in South Dakota by Weight of Fetus, 2013	88
40	Induced Abortions Occurring in South Dakota by Primary Procedure Used, 2013	89
41	Induced Abortions Occurring in South Dakota by Type of Anesthetic Used, 2013	90
42	Induced Abortions Occurring in South Dakota by Physician's Specialty, 2013	91
	MARRIAGE AND DIVORCE	
43	Brides and Grooms by Age Group for Marriages Occurring in South Dakota, 2013	96
44	Custody Arrangements for Children Involved in the Divorce for Divorces Occurring in South Dakota, 2013	101
45	Causes for Divorce for Divorces Occurring in South Dakota, 2013	102

LIST OF FIGURES (Continued)

Figure		Page
INFECTIOUS DISEASE		
46	South Dakota Immunization Rates, Children 19-35 Months, 2003-2013	111
47	Acute and Chronic Hepatitis B in South Dakota, 2007-2013	111
48	Pertussis Incidence Rates by County, South Dakota, 2013	112
49	Pertussis Cases Reported in South Dakota, 1950-2013	113
50	Seasonal Distribution of Influenza by MMWR Week	115
51	Chlamydia in South Dakota, 2004-2013	116
52	Chlamydia Incidence Rates by County, South Dakota, 2013	116
53	Gonorrhea in South Dakota, 2004-2013	116
54	Gonorrhea Incidence Rates by County, South Dakota, 2013	117
55	Early Syphilis in South Dakota, 2004-2013	117
56	Syphilis Incidence Rates by County, South Dakota, 2013	117
57	South Dakota Residents Reported Infected with HIV/AIDS Cumulative Cases by County, 1985-2013	118
58	South Dakota Residents Diagnosed with HIV and AIDS by Gender, 1985-2013	118
59	Tuberculosis in South Dakota, 2004-2013	119
60	STEC Incidence Rates by County, South Dakota, 2013	120
61	Campylobacteriosis Incidence Rates by County, South Dakota, 2013	120
62	Salmonellosis Incidence Rates by County, South Dakota, 2013	121
63	Giardiasis Incidence Rates by County, South Dakota, 2013	122
64	Cryptosporidiosis Incidence Rates by County, South Dakota, 2013	123
65	Rabid Animals in South Dakota, 2004-2013	124
66	Animal Rabies in South Dakota, 1975-2013	124
67	West Nile Virus Neuroinvasive Disease Incidence, Reported to ArboNET by State, United States, 2013	125
68	West Nile Virus Cases, by County, South Dakota, 2013	125
69	South Dakota West Nile Virus Neuroinvasive and West Nile Fever Cases, 2002-2013	126