Statistics South Africa Private Bag X 44 Pretoria 0001 South Africa

170 Andries Street Pretoria 0002 South Africa

User Information Services: (012) 310 8600 Fax: (012) 310 8500

Website: <u>www.statssa.gov.za</u> Email: info@statssa.gov.za

TABLE OF CONTENTS

EXECUTIVE SUMMARY	. XV
INTRODUCTION	1
Data and data quality considerations	2
Plan of this report	5
ALL CAUSE MORTALITY	6
Sex differences in age-specific death rates	. 11
Age-standardised death rates	. 12
Survival chances	. 13
Looking at younger and older adults	. 18
Main findings on all cause mortality	. 21
Comments	. 21
NATURAL AND UNNATURAL CAUSE MORTALITY	23
Natural causes of death	. 23
Unnatural causes of death	. 27
Age-standardised death rates from natural and unnatural causes The role of natural and unnatural mortality on younger and older adults	
Effects of mortality conditions on survival from natural and unnatural causes of death	33
Main findings on natural and unnatural mortality	. 38
Comments	. 39
GLOBAL BURDEN OF DISEASE CATEGORISATION	40
Communicable and related diseases	. 40
Non-communicable diseases	. 45
The changing contribution of the three Global Burden of Disease categories to mortality	. 50
Major findings on the Global Burden of Disease categorisation	. 65
Comments	. 66
FURTHER DIVISION OF NATURAL CAUSES OF DEATH	68

Communicable and related diseases	68
Infectious diseases	68
Parasitic diseases	7 7
Maternal conditions	
Conditions arising during the perinatal period	
Nutritional deficiencies	86
The role of the five subcategories of communicable and related diseases	88
Non-communicable diseases	91
Stroke	91
Circulatory diseases other than stroke	93
Cancer	96
Diabetes and obesity	
Certain disorders of the immune mechanism	
Non-communicable respiratory diseases	
Other non-communicable diseases	106
Composition of non-communicable diseases	108
Main findings on further division of natural causes of death	111
Comments	115
FURTHER DIVISION OF UNNATURAL CAUSES OF DEATH	117
Subdivision of unnatural deaths using death notification data	117
Other sources of data on unnatural cause deaths	118
Transport and non-transport deaths	119
Homicide and non-homicide deaths	121
Subdivision into transport, homicide and other unnatural causes	123
Seasonality of unnatural deaths	125
Main findings on further division of unnatural causes of death	127
Comments	128
COMPARISON OF MORTALITY IN SOUTH AFRICA AND RUSSIA: 1997-200	12.129
Overall death rates compared	131
Unnatural deaths compared	132
Homicide and transport deaths compared	134

The effect of change in unnatural cause mortality on all cause mortality in South Africa and Russia13	35
Main findings from the comparison of mortality in South Africa and Russia 13	38
Comments13	38
MORTALITY SCENARIOS13	3 <i>9</i>
Main findings from three mortality scenarios14	45
Comments14	45
CONCLUDING THOUGHTS14	46
APPENDIX A. COMPLETENESS OF DEATH REGISTRATION AND MULTIPLIERS TO ADJUST FOR INCOMPLETENESS OF DEATH REGISTRATION AND TO REDISTRIBUTE NATURAL ILL-DEFINED DEATHS	66
APPENDIX B. SOUTH AFRICAN DEATH REGISTRATION FORMS17	74
APPENDIX C. LIFF TABLE VALUES: 1997-2004	78