# TABLE OF CONTENTS

Acronyms................................................................................................................................... i
Acknowledgement ............................................................................................................................ i
Table of Contents............................................................................................................................ ii
List of Tables .................................................................................................................................... iv
List of Figures .................................................................................................................................... vi
List of Figures .................................................................................................................................... vi
Executive Summary ........................................................................................................................... ix
Key Points ......................................................................................................................................... x

1.0 Introduction............................................................................................................................... 1
1.1 Purpose...................................................................................................................................... 1
1.2 Scope......................................................................................................................................... 1
1.3 Terms of Reference..................................................................................................................... 1
1.4 Structure of Report.................................................................................................................... 1

2.0 Background............................................................................................................................... 2
2.1 Nature of Problem..................................................................................................................... 2
2.2 Overview of Injury-Related Deaths and Hospitalisations in Australia................................. 2
2.2.1 Deaths due to Injury............................................................................................................ 2
2.2.2 Hospitalisations due to Injury............................................................................................ 2
2.3 Previous report......................................................................................................................... 3

3.0 Methods.................................................................................................................................... 4
3.1 Definitions................................................................................................................................ 4
3.1.1 Injury Mechanism.............................................................................................................. 4
3.1.2 Injury Mortality.................................................................................................................. 4
3.1.3 Injury Morbidity................................................................................................................ 4
3.2 Data Sources............................................................................................................................ 5
3.2.1 Mortality Data................................................................................................................... 5
3.2.2 Morbidity Data.................................................................................................................. 5
3.3 Injury Data Coding Issues........................................................................................................ 5
3.4 Other Injury Data Issues.......................................................................................................... 6
3.5 Analysis..................................................................................................................................... 6
3.5.1 Top Ten Causes of Death and Hospitalisation................................................................. 7
3.5.2 Top Ten Causes of Injury Death and Hospitalisation...................................................... 8
3.5.3 Time Trends...................................................................................................................... 8
3.5.4 Age- and Gender-specific Rates....................................................................................... 8
3.5.5 Injury Mechanism Subcategory-specific Frequencies.................................................... 8

4.0 Overview................................................................................................................................... 9
4.1 Deaths due to Injury.................................................................................................................. 9
4.2 Hospitalisations due to Injury................................................................................................. 13
4.3 Summary................................................................................................................................ 18

5.0 Suicide..................................................................................................................................... 20
5.1 Deaths due to Suicide.............................................................................................................. 20
5.2 Hospitalisations due to Attempted Suicide............................................................................ 24
5.3 Summary................................................................................................................................ 28

6.0 Motor Vehicle Transport.......................................................................................................... 29
6.1 Deaths due to Motor Vehicle Transport:................................................................................ 29
6.2 Hospitalisations due to Motor Vehicle Transport:................................................................. 33
6.3 Summary................................................................................................................................ 37

7.0 Falls.......................................................................................................................................... 38
LIST OF TABLES

Table 1. Number of Injury Deaths: All States and Territories, 1998 ........................................ 2
Table 2. Number of Injury Hospitalisations: All States and Territories, 1997 ............................. 3
Table 3. Top Ten Leading Causes of Death by Age Group: NSW, 1999 ................................. 10
Table 4. Number of Deaths and Death Rates/100,000 by Injury Mechanism: NSW, 1995-1999 ........................................................................................................ 12
Table 5. Top Ten Leading Causes of Hospitalisation by Age Group: NSW, 1999 .............. 15
Table 6. Number of Hospitalisations and Hospitalisation Rates/100,000 by Injury Mechanism: NSW, 1995-1999 ....................................................................................... 17
Table 7. Number of Suicide Deaths and Death Rates/100,000 by Method Used: NSW, 1995-1999 ........................................................................................................ 21
Table 8. Suicide Deaths by Age Group and Method Used: NSW, 1995-1999 .................. 23
Table 9. Number of Suicide Hospitalisations and Hospitalisation Rates/100,000 by Method Used: NSW, 1995-1999 ....................................................................................... 24
Table 10. Attempted Suicide Hospitalisations by Age Group and Method Used: NSW, 1995-1999 ........................................................................................................ 27
Table 11. Number of Motor Vehicle Transport Deaths and Death Rates/100,000 by Type of Person Injured: NSW, 1995-1999 ....................................................................................... 30
Table 13. Number of Motor Vehicle Hospitalisation and Hospitalisation Rates/100,000 by Type of Person Injured: NSW, 1995-1999 ....................................................................................... 33
Table 15. Number of Falls Deaths and Death Rates/100,000 by Type of Fall: NSW, 1995-1999 ........................................................................................................ 38
Table 16. Falls Deaths by Age Group and Type Of Fall: NSW, 1995-1999 ..................... 40
Table 17. Number of Falls Hospitalisations and Hospitalisation Death Rates/100,000 by Type of Fall: NSW, 1995-1999 ............................................................................................... 43
Table 18. Falls Hospitalisations by Age Group and Type Of Fall: NSW, 1995-1999 ........ 44
Table 19. Number of Poisoning Deaths and Death Rates/100,000 by Type of Substance: NSW, 1995-1999 ........................................................................................................ 47
Table 20. Poisoning Deaths by Age Group and Substance Used: NSW, 1995-1999 ......... 49
Table 21. Number of Poisoning Hospitalisations and Hospitalisation Rates/100,000 by Type of Substance: NSW, 1995-1999

Table 22. Poisoning Hospitalisations by Age Group and Substance Used: NSW, 1995-1999

Table 23. Number of IPV Deaths and Death Rates/100,000* by Method Used: NSW, 1995-1999

Table 24. IPV Deaths by Age Group and Method Used: NSW, 1995-1999

Table 25. Number of IPV Hospitalisations and Hospitalisation Rates/100,000 by Method Used: NSW, 1995-1999

Table 26. IPV Hospitalisations by Age Group and Method Used: NSW, 1995-1999

Table 27. Number of Drowning Deaths and Death Rates/100,000 by Location: NSW, 1995-1999

Table 28. Drowning Deaths by Age Group and Location: NSW, 1995-1999

Table 29. Number of Near-Drowning Hospitalisations and Hospitalisation Rates/100,000 by Location: NSW, 1995-1999

Table 30. Near-Drowning Hospitalisations by Age Group and Location: NSW, 1995-1999

Table 31. Number of Fire/Burns Deaths and Death Rates/100,000 by Type: NSW, 1995-1999

Table 32. Fire/Burns Deaths by Age Group and Type: NSW, 1995-1999

Table 33. Number of Fire/Burns Hospitalisations and Hospitalisation Rates/100,000 by Type: NSW, 1995-1999

Table 34. Fire/Burns Hospitalisations by Age Group and Type: NSW, 1995-1999

Table 35. Number of Complications of care Deaths and Death Rates/100,000 by Nature of the Complication of care: NSW, 1995-1999

Table 36. Complications of care Deaths by Age Group and Type of Event: NSW, 1995-1999

Table 37. Number of Complications of care Hospitalisations and Hospitalisation Rates/100,000 by Nature of the Complication of care: NSW, 1995-1999

Table 38. Complications of care Hospitalisations by Age Group and Type of Event: NSW, 1995-1999

Table 39. Top Ten Leading Causes of Death by Age Group and Injury Mechanism: NSW, 1995-1999*

Table 40. Top Ten Leading Causes of Hospitalisation by Age Group and Injury Mechanism: NSW, 1995-1999*
LIST OF FIGURES

Overview of Injury-related Deaths

Figure 1. Yearly Trend in Death Rates for All Injuries: NSW, 1986-1999 ......................... 8
Figure 2. Age-Specific Death Rates for All Injuries: NSW, 1995-1999 ............................ 11
Figure 3. All Injury Deaths by Mechanism: NSW, 1995-1999 ......................................... 11
Figure 4. Yearly Trends in Death Rates by Mechanism: NSW, 1986-1999...................... 12

Overview of Injury-related Hospitalisations

Figure 5. Yearly Trend in Hospitalisation Rates for All Injuries: NSW, 1992-1999 .......... 12
Figure 6. Age-Specific Hospitalisation Rates for All Injuries: NSW, 1995-1999.............. 15
Figure 7. All Injury Hospitalisations by Mechanism: NSW, 1995-1999 ......................... 16
Figure 8. Yearly Trends in Hospitalisation Rates by Mechanism: NSW, 1992-1999........... 18

Suicide

Figure 9. Yearly Trend in Death Rates for Suicide: NSW, 1986-1999 ............................. 19
Figure 10. Age-Specific Death Rates for Suicide: NSW, 1995-1999 ............................... 19
Figure 11. Suicide Deaths by Method: NSW, 1995-1999 .............................................. 20
Figure 12. Yearly Trend in Hospitalisation Rates for Attempted Suicide: NSW, 1992-1999 ................................................................. 23
Figure 13. Age-Specific Hospitalisation Rates for Attempted Suicide: NSW, 1995-1999..... 23
Figure 14. Attempted Suicide Hospitalisations by Method: NSW, 1995-1999 ............... 24

Motor Vehicle

Figure 15. Yearly Trend in Death Rates for Motor Vehicle Transport: NSW, 1986-1999 .... 28
Figure 16. Age-Specific Death Rates for Motor Vehicle Transport: NSW, 1995-1999....... 28
Figure 17. Motor Vehicle Transport Deaths by Person Injured: NSW, 1995-1999............. 29
Figure 18. Yearly Trend in Hospitalisation Rates for Motor Vehicle Transport:
NSW, 1992-1999 ........................................................................................................ 32
Figure 19. Age-Specific Hospitalisation Rates for Motor Vehicle Transport:
NSW, 1995-1999 ........................................................................................................ 32
Figure 20. Motor Vehicle Transport Hospitalisations by Person Injured: NSW, 1995-1999 .... 33

Falls

Figure 21. Yearly Trend in Death Rates for Falls: NSW, 1986-1999 ....................... 37
Figure 22. Age-Specific Death Rates for Falls: NSW, 1995-1999 ............................... 37
Figure 23. Falls Deaths by Type: NSW, 1995-1999 ...................................................... 38
Figure 24. Yearly Trend in Hospitalisation Rates for Falls: NSW, 1992-1999 ............... 41
Figure 25. Age-Specific Hospitalisation Rates for Falls: NSW, 1995-1999 .................... 41
Figure 25a. Age-Specific Hospitalisation Rates for Falls for Persons
Aged 0-64 Years: NSW, 1995-1999 ................................................................. 42
Figure 26. Falls Hospitalisations by Type: NSW, 1995-1999 ...................................... 42
Poisoning

Figure 27. Yearly Trend in Death Rates for Poisoning: NSW, 1986-1999 .........................46
Figure 28. Age-Specific Death Rates for Poisoning: NSW, 1995-1999 ..........................46
Figure 29. Poisoning Deaths by Substance: NSW, 1995-1999 ....................................47
Figure 30. Yearly Trend in Hospitalisation Rates for Poisoning: NSW, 1992-1999 .......50
Figure 31. Age-Specific Hospitalisation Rates for Poisoning: NSW, 1995-1999 ..........50
Figure 32. Poisoning Hospitalisations by Substance: NSW, 1995-1999 ....................51

Interpersonal Violence

Figure 33. Yearly Trend in Death Rates for Interpersonal Violence: NSW, 1986-1999 ....55
Figure 34. Age-Specific Death Rates for Interpersonal Violence: NSW, 1995-1999 ........55
Figure 35. Interpersonal Violence Deaths by Method: NSW, 1995-1999 .......................56
Figure 36. Yearly Trend in Hospitalisation Rates for Interpersonal Violence: NSW, 1992-
1999..................................................................................................................................59
Figure 37. Age-Specific Hospitalisation Rates for Interpersonal Violence: NSW, 1995-1999..........................................................59
Figure 38. Interpersonal Violence Hospitalisations by Method: NSW, 1995-1999 ........60

Drowning

Figure 39. Yearly Trend in Death Rates for Drowning: NSW, 1986-1999 ....................64
Figure 40. Age-Specific Death Rates for Drowning: NSW, 1995-1999 ......................64
Figure 41. Drowning Deaths by Location: NSW, 1995-1999 ......................................65
Figure 42. Yearly Trend in Hospitalisation Rates for Drowning: NSW, 1992-1999 .......68
Figure 43. Age-Specific Hospitalisation Rates for Drowning: NSW, 1995-1999 ..........68
Figure 44. Drowning Hospitalisations by Location: NSW, 1995-1999 .......................69

Fire/Burns

Figure 45. Yearly Trend in Death Rates for Fire/Burns: NSW, 1986-1999 ....................73
Figure 46. Age-Specific Death Rates for Fire/Burns: NSW, 1995-1999 ......................73
Figure 47. Fire/Burns Deaths by Type: NSW, 1995-1999 .........................................74
Figure 48. Yearly Trend in Hospitalisation Rates for Fire/Burns: NSW, 1992-1999 .......77
Figure 49. Age-Specific Hospitalisation Rates for Fire/Burns: NSW, 1995-1999 ..........77
Figure 50. Fire/Burns Hospitalisations by Type: NSW, 1995-1999 ............................78

Complications of care

Figure 51. Yearly Trend in Death Rates for Complications of care: NSW, 1986-1999 .....82
Figure 52. Age-Specific Death Rates for Complications of care: NSW, 1995-1999 ........82
Figure 53. Complication of care Deaths by Type: NSW, 1995-1999 ..........................83
Figure 54. Yearly Trend in Hospitalisation Rates for Complications of care: NSW, 1992-
1999..................................................................................................................................86
Figure 55. Age-Specific Hospitalisation Rates for Complications of care: NSW, 1995-1999
........................................................................................................................................86
Figure 56. Complication of care Hospitalisations by Type: NSW, 1995-1999 ............87

Age Group Comparison

Figure 57. Comparison of Death Rates for Under 19 Years Age Groups
by Injury Mechanism: NSW, 1995-1999 .................................................................91
Figure 58. Comparison of Death Rates for 20-59 Years Age Groups
    by Injury Mechanism: NSW, 1995-1999.........................................................92
Figure 59. Comparison of Death Rates for 60 Years and Older Age Groups
    by Injury Mechanism: NSW, 1995-1999.........................................................92
Figure 60. Comparison of Hospitalisation Rate for Under 19 Years Age Groups
    by Injury Mechanism: NSW, 1995-1999.........................................................94
Figure 61. Comparison of Hospitalisation Rates for 20-59 Years Age Groups
    by Injury Mechanism: NSW, 1995-1999.........................................................94
Figure 62. Comparison of Hospitalisation Rates for 60 Years and Older Age Groups
    by Injury Mechanism: NSW, 1995-1999.........................................................95