

# Contents

|   |             |
|---|-------------|
| <b>Contents</b>   | <b>i</b>    |
| <b>List of Tables</b>   | <b>iii</b>  |
| <b>List of Figures</b>  | <b>iv</b>   |
| <b>Abbreviations</b>  | <b>vii</b>  |
| <b>Acknowledgements</b>   | <b>viii</b> |
| <b>Executive Summary</b>  | <b>ix</b>   |
| <b>1 Introduction</b>   | <b>1</b>    |
| 1.1 Definitions   | 1           |
| 1.1.1 Injury and injury death                                     | 1           |
| 1.1.2 Injury mechanism  | 2           |
| 1.2 Injury data sources and coding issues                         | 3           |
| 1.2.1 Mortality (numerator) data                                  | 3           |
| 1.2.2 Population (denominator) data                               | 3           |
| 1.2.3 Injury data coding issues                                   | 3           |
| 1.3 Analysis approach   | 4           |
| 1.3.1 Top 10 causes of death in NSW                               | 5           |
| 1.3.2 Top 10 causes of injury death in NSW                        | 5           |
| 1.3.3 Trend analyses  | 6           |
| 1.3.4 Injury mechanism subcategory-specific frequencies and rates | 6           |
| 1.4 Special notations   | 6           |
| <b>2 Overview of injury deaths in NSW</b>                         | <b>8</b>    |
| <b>3 Suicide</b>  | <b>13</b>   |
| <b>4 Motor vehicle transport</b>                                  | <b>18</b>   |
| <b>5 Poisoning</b>  | <b>23</b>   |
| <b>6 Falls</b>  | <b>27</b>   |
| <b>7 Interpersonal violence</b>                                   | <b>31</b>   |
| <b>8 Drowning</b>   | <b>36</b>   |
| <b>9 Suffocation</b>  | <b>40</b>   |

|   |           |
|---|-----------|
| <b>10 Fire/Burns</b>  | <b>45</b> |
| <b>11 Complications of care</b>   | <b>49</b> |
| <b>12 Struck by/Struck against</b>  | <b>53</b> |
| <b>13 Rail transport</b>  | <b>57</b> |
| <b>14 Natural and environmental factors</b>   | <b>61</b> |
| <b>15 Air transport</b>   | <b>65</b> |
| <b>16 Machinery</b>   | <b>69</b> |
| <b>17 Firearms</b>  | <b>73</b> |
| <b>18 Injury mechanism comparison within age groups</b>                                   | <b>77</b> |
| 18.1 Death rates in under-15-year-olds  | 77        |
| 18.2 Death rates in 15–34-year-olds   | 77        |
| 18.3 Death rates in 35–54-year-olds   | 78        |
| 18.4 Death rates in 55–74-year-olds   | 79        |
| 18.5 Death rates in people aged at least 75 years   | 79        |
| 18.6 Top 10 leading causes of injury deaths by age group                                  | 80        |
| 18.7 Summary  | 80        |
| <b>19 Conclusions and recommendations</b>   | <b>83</b> |
| 19.1 Improved data systems  | 83        |
| 19.2 Additional data analysis/collection  | 85        |
| <b>20 References</b>  | <b>89</b> |
| <b>Appendix 1. List of Ecodes by mechanism</b>  | <b>90</b> |
| <b>Appendix 2. List of disease and injury categories for top 10 causes of death table</b> | <b>91</b> |
| <b>Appendix 3. List of Ecodes by mechanism for top 10 causes of injury table</b>          | <b>92</b> |
| <b>Appendix 4. List of Ecodes by injury mechanism and injury mechanism subcategory</b>    | <b>93</b> |