Contents

1 Summary 1

Scope of the Report 2 Key Findings 2 Injury to Students in School 8 School Illness 16 Using the Data 26 References 28

2 Issues in School Health and Safety 31

Health and Safety Data 34 The Significance of Risks and Estimates 41 Road Map to this Report 43 References 43

3 Injury to Students in School 47

Unintentional Injury 49 Playground-Related Injury Data 65 School Athletic Injury Data 71 Transportation Injury Data 82 Unintentional Injury Conclusion 96 Intentional Injury 96 Intentional Injury ConclusionS 107 Injury in School Conclusions 107 References 109

4 Illness in School 115

Nature of Environmental Health Hazards and Infectious Disease 115 Nature of Environmental Health Data 117 Materials in The School Environment 117 Indoor Air Quality 138 School Location 156 Infectious Disease 168 Conclusions 179 References 180 5 Using the Data 195 Risk Dimensions 195 Comparing Risks 197 Managing Risks 201 References 202