

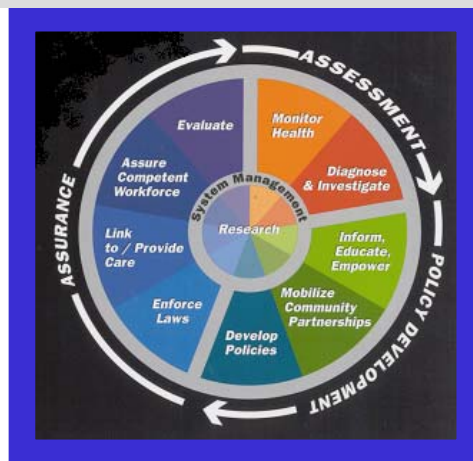
ACIPC Working Group on Injury Control and Infrastructure Enhancement (WGICIE) Definition of Injury and Violence Prevention and Control Infrastructure November 18, 2004

Introduction

To protect the public from injuries, violence and their resulting deaths and disabilities, a clearly defined infrastructure is required. Based on the Constitution of the United States, state laws place the obligation to protect the public health squarely on the shoulders of the State Health Officers. Success also requires integration of state activities with those at the Federal, local and tribal* levels and integrated as part of, rather than apart from, the broader public health system. Although this responsibility is primarily governmental, it requires coordination, collaboration, and partnership with all sectors (i.e., employers, the business community, health care providers and health care systems, public safety agencies (law enforcement, fire, and EMS), community-based organizations, academic institutions, schools, etc.) and at all levels (Federal, state, tribal, local) to impact the burden of injury and violence.

The analysis that follows is focused specifically on the core infrastructure components required at the various levels of government and university programs. It is fully recognized and appreciated that the work of injury and violence prevention and control is in no way exclusive to these entities. In fact, if progress is to be made in reducing the burden of injury and violence, it will require the active participation of many other sectors and stakeholders. However, if Federal, state, local, and tribal governments, appropriately supported by university programs, can collectively fulfill the key public health functions and related essential services (as pictured below) for injury and violence prevention and control, the work of these many partners will be greatly enhanced.

CORE FUNCTIONS OF PUBLIC HEALTH 10 ESSENTIAL SERVICES



Definition of Injury and Violence Prevention and Control Infrastructure

Injury and violence prevention and control infrastructure - the resources and cross-cutting systems required to reduce mortality and morbidity resulting from injury and violence including: financial resources; a multi-disciplinary workforce skilled in injury and violence prevention and control; policy, legislation, regulation, and enforcement; research and evaluation; programs and interventions; information and data collection/dissemination systems; health and safety information/education; and inter- and intra-agency/organization coordination in both the public and private sectors. The emphasis of this definition and analysis is on primary prevention, although it fully acknowledges the importance of and connectedness with secondary and tertiary prevention of injuries.

*"Tribal" means American Indian/Alaskan Native governments

Infrastructure Required at Various Levels

As outlined below, it is recognized that the infrastructure required for effective injury and violence prevention and control varies at different levels.

A. Federal Level

The Federal government has essential roles to play in supporting injury and violence prevention infrastructure through Federal leadership, technical assistance, fostering national coalitions, development and funding of model injury and violence prevention and control programs and best practices, assisting cross-fertilization among states, tribes and local governments, collection and coordination of national level injury and violence data, and supporting/disseminating injury and violence research, evaluation, and education and training efforts.

Financial Resources

- Funding for state and local core injury and violence prevention and control activities and organizational capacity¹
- Funding for injury and violence prevention and control research¹
- Funding for injury and violence prevention and control workforce development and training
- Funding for injury and violence prevention and control data and information collection

Workforce

- Professional workforce trained in public health and injury and violence prevention and control competency areas
- Continuing education and training for professional workforce, with an appropriate emphasis on issues of cultural competency and sensitivity to diverse populations²
- Training programs for injury and violence prevention and control practitioners and researchers¹
- Provision of technical assistance to state public health agencies¹

Policy, regulation, and legislation

- Regulation and oversight¹
- Development of Federal/national injury prevention and control plans and policies
- Federal/national injury and violence prevention and control priority setting
- Education of policy makers regarding the effectiveness of injury and violence prevention

Research

- Injury and violence prevention and control research best practices program development

Programs and interventions

- Development, implementation, and coordination of Federal/national injury and violence prevention and control programs

Information and data collection/dissemination systems

- National level injury and violence data and information collection/communication systems
- Injury and violence data standardization in collaboration with Federal, state, and local organizations
- Established mechanisms to disseminate information about injury and violence prevention and control issues/ strategies to the public, decision makers, and professionals in multiple sectors

Coordination

- Mechanisms to promote coordination and inter- and intra-agency collaboration at the Federal level among agencies with injury and violence prevention and control activities¹
- Coordination of the development of national performance standards in conjunction with state and local public health organizations
- National level coordination with health care organizations/providers, the business sector, and other national injury prevention partners

B. State/Territorial Level

The state and territorial level is where the safety of citizens is guaranteed. States are thus responsible for passing protective laws and adopting sound injury and violence prevention and control policies, supporting/implementing prioritized injury and violence prevention and control efforts at statewide and local levels, collecting and analyzing local and statewide injury and violence data, and educating the public about injury and violence prevention and control problems and issues.

Financial Resources

- State appropriations for core injury and violence prevention and control programs and activities
- Receiving funding from Federal grants, foundations, and any other sources.
- Ensuring that adequate administrative support is built into all funding requests and programmatic initiatives
- State appropriations and resources commensurate with the scope and magnitude of the injury and violence burden in the state for core injury and violence prevention and control programs and activities⁸
- Balance with respect to the flexibility of state appropriations and resources to address specific injury and violence areas and assure funding for necessary core and non-categorical injury and violence prevention and control activities based on state needs and priorities^{3,8}

Workforce

- Professional workforce trained in public health and injury and violence prevention and control competency areas
- Permanent staffing in key positions to engage in core injury and violence prevention and control program functions/activities³
- Continuing education and training for professional workforce, including an appropriate emphasis on cultural competency and sensitivity to diverse populations.²

Policy, regulation, and legislation

- Authorizing legislation for state agencies to conduct injury and violence prevention and control programs, surveillance and data collection, regulation, enforcement, and other activities as appropriate
- Injury and violence prevention and control public policy
- Agency and state-wide injury and violence prevention and control plans

Research

- Collaboration with appropriate partners to inform, conduct, disseminate and apply research relating to state specific injury and violence patterns

Programs and interventions

- Capacity to develop, implement, and evaluate injury and violence prevention and control programs and activities³
- Injury and violence prevention and control training and technical assistance to local public health agencies and community organizations
- An appropriate emphasis that programs and interventions are culturally sensitive to the diverse populations impacted by injury and violence.

Information and data collection/dissemination systems

- Surveillance mechanisms and necessary capacity in place to accurately assess the status and public health burden of injury and violence within the state.
- Established mechanisms to disseminate information about injury and violence prevention and control issues and strategies to the general public, decision makers, and professionals in multiple sectors

- Data collection, analysis, and dissemination capacity consistent with the “Consensus Recommendations for Injury Surveillance in State Health Departments”.⁴

Coordination

- Mechanisms to promote coordination and inter- and intra-agency collaboration with state, tribal and local agencies (both public and private) involved with injury and violence prevention and control activities, including surveillance and data collection

C. Tribal Level

Tribal responsibilities include aspects of both Federal and state level activities since they are sovereign nations, but also are similar to the local level since their jurisdictions tend to be smaller in population and geography and with distinctive cultural issues and needs for integration with the larger public health system.

Financial Resources

- Tribal appropriations for core injury and violence prevention and control programs and activities
- Receiving funding from Federal (IHS, CDC, BIA) and state grants, foundations, and any other sources.
- Ensuring that adequate administrative support is built into all funding requests and programmatic initiatives

Workforce

- Professional workforce trained in public health and injury and violence prevention and control competency areas
- Permanent staffing in key positions to engage in core injury and violence prevention and control program functions/activities
- Continuing education and training for professional workforce²

Policy, regulation, and legislation

- Statutes and ordinances authorizing injury and violence prevention and control activities
- Injury and violence prevention and control plans

Research

- Collaboration with appropriate partners to inform, conduct, disseminate and apply research relating to tribal specific injury and violence patterns

Programs and interventions

- Capacity to develop, implement, and evaluate injury and violence prevention and control programs and activities

Information and data collection/dissemination systems

- Data collection, analysis, and dissemination capacity
- Established mechanisms to disseminate information about injury and violence prevention and control issues and strategies to the general public, decision makers, and professionals in multiple sectors

Coordination

- Mechanisms to promote coordination and inter- and intra-agency collaboration among Federal, state, tribal and local agencies with injury and violence prevention and control activities

D. Local Level

At the local level injury and violence prevention and control programs have unique opportunities for success and impact whether through enacting local safety ordinances, mobilizing community activism and resources to solve local injury and violence problems, or demonstrating the efficacy of particular injury and violence prevention strategies.

Financial Resources

- Receiving funding from local, state, and Federal grants and contracts, foundations and other sources.

Workforce

- Professional workforce, with a designated lead person, trained in public health and injury and violence prevention and control competency areas
- Continuing education and training for professional workforce, inclusive of appropriate information about cultural competency and working with diverse populations. ²
- Injury and violence prevention and control training and technical assistance to community organizations

Policy, regulation, and legislation¹

- Statutes and ordinances authorizing injury and violence prevention and control activities.
- Promotion of sound injury and violence prevention and control policies and procedures
- Research/Collaboration with appropriate partners to inform, conduct, disseminate and apply research relating to state specific injury and violence patterns

Programs and interventions

- Capacity to develop, implement, and evaluate local injury and violence prevention and control programs and activities

Information and data collection/dissemination systems

- Local level injury and violence information and data collection/dissemination capacity
- Established mechanisms to disseminate information about injury and violence prevention and control issues and strategies to the general public, decision makers, and professionals in multiple sectors

Coordination

- Mechanisms to promote coordination and inter- and intra-agency collaboration at the among state and local agencies and public and private organizations (such as workplaces, businesses, foundations, etc.) with injury and violence prevention and control activities

E. Universities, Research Centers and Academic Health Centers

Universities, research centers, and academic health centers are critical players in injury and violence prevention and control by providing the base for scholarly advancement of the field through research and development of scientifically-based best practices, practitioner and researcher training, and the support of key program components of infrastructure at all levels. Though Injury Control Research Centers are one specific locus of work focused on injury and violence prevention control, there are numerous other academic settings in which injury and violence prevention and control research, teaching and practice occur.

Financial Resources

- Support for recruitment and retention of faculty with expertise and interest in injury and violence prevention and control research and teaching

- Support for recruitment and development of students interested in careers in injury and violence prevention and control
- Support for teaching about injury and violence prevention and control
- Support for data management and informatics to facilitate research
- Support for laboratories in which to conduct injury and violence prevention and control research
- Funding for training fellowships in population, clinical and in basic biological and social sciences
- Support for pilot research to enable development of larger-scale studies

Workforce

- Training injury and violence prevention and control researchers and practitioners
- Injury and violence prevention and control curricula development ²
- Development of core competencies for injury and violence prevention and control in collaboration with governmental and non-governmental organizations

Policy, regulation, and legislation

- Participate in policy advocacy through multiple channels, including professional organizations and University-based advocates.
- Participate in development and evaluation of local, state, Federal and tribal policy development through:
 - Analysis of policy options
 - Providing information to inform policy deliberations
 - Developing new policies

Research

- Conduct and disseminate injury and violence prevention and control research
- Identification and evaluation of best practices guidelines based on good science and integration with state level and community-based practitioners
- Comprehensive centers of excellence fostering synergies among interdisciplinary scholars engaged in research, teaching and/or service delivery

Programs and interventions

- Mechanisms to conduct injury and violence research and implementation and dissemination for the education of varied health professionals
- Mechanisms to generate and disseminate real-time injury and violence research data and consider for use in applied interventions
- Mechanisms to evaluate the efficacy of injury and violence prevention and control interventions

Information and data collection/dissemination systems

- Active participation/collaboration in data collection, development and evaluation of surveillance systems, and dissemination of surveillance results

Coordination

- Mechanisms to collaborate with Federal, state, tribal, and local agencies and organizations with injury and violence prevention and control activities
- Mechanisms to facilitate integration of injury and violence prevention and control concepts, teaching and research with other scholarly pursuits
- Facilitate linkages between scientists and partners in practice settings and governmental or business decision-making roles

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