

Creating a Logic Model

Tip Sheet

The sample logic model was created specifically as a group planning tool for AFSI, based on the experiences of the pilot sites who tested the Toolkit and managed planning in their regions. It includes the elements that appear in a logic model but is expanded to define indicators of measurement and sources, allowing detailed evaluation steps to be integrated.

Working through this grid and using it as your long-term plan "roadmap" will ensure that evaluation becomes inherent to your long-term plan. Conducting ongoing evaluation and having the ability to present that information in a well-organized manner will be critical for funding, continued implementation in schools, and recruitment of additional schools or districts into your AFSI project.

The sample grid works through outcomes, indicators, and data sources for a set of Year One objectives to support one specific outcome. The sample also includes Year Three and Year Five outcomes to support the same objectives.

The following definitions are used throughout this Toolkit and planning grid. Your AFSI coalition may modify its terms, but once you standardize your planning and evaluation vocabulary, use it consistently throughout your planning.

Asthma-Friendly Schools Initiative Purpose: To keep children with asthma healthy, in school, and ready to learn

Goals: A set of aims that set the AFSI project's long-range direction

SMART Objective: Specific levels of achievement, based on goals. "SMART" stands for "specific, measurable, achievable, realistic and time-sensitive."

Activities: Actions that must occur to meet objectives and work toward long-term goals.

Outcomes: Measurable changes that ultimately affect students (i.e., in students' education, disease awareness, disease management, etc.)

Evaluation: The process of monitoring your progress in meeting objectives and achieving desired outcomes, which may involve modifying your plans as you move forward

Working through the Chart Work through each element completely, always defining the need based on results of your needs assessment. Ultimately, your work group will create one grid for each prioritized need documented in your needs assessment. Refer to the sample grid to follow the detailed flow of specific information.



Asthma-Friendly Schools Initiative Implementation Evaluation Logic Model of Five-Year Planning Goal of AFSI: Children with asthma are in school and able to learn.

INPUTS

Funds

- · CDC/DASH
- ALA National Office
- Local and Private Funders

Staff and Volunteers:

- ALA National Office
- ALA Local Affiliates
- National Project Manager
- National Asthma Coalition
- National Astrina Coalition
- Local Affiliate Coordinators
 Local Coalition Members
- School Staff

Partners:

- Federal Agencies
- American Lung Association (national office)
- Health Dept (local and state)
- Ed Department (local and state)
- Universities
- Physicians
- Policymakers
- Kaiser Permanente
- Pilot site asthma coalition members (comprised of the local affiliate representative, the associated pilot school sites, and other stakeholders)
- Parents

Legislation and Policy:

- · ALA Nat'l Policy
- IDEA
- 504
- ADA-FERPA
 HIPAA
- HIPAA
- Children's Health Act of 2000
- Pro-Children Act
- State/local health laws and regulations

Tools and Resources:

- Asthma-Friendly Schools Toolkit and website
- Asthma Incidence Reporter
 Database
- National Five-Year Plan management plan
- National Five-Year Plan evaluation plan
- Asthma management plan for each local affiliate
- Pilot site needs assessment report (2004)
- Indicators and guidelines to assist with the management of Five-Year Plan evaluation

ACTIVITIES

Pilot sites implement Five-Year Plan activities:

- Develop a written implementation plan for Five-Year plan based upon the pilot site's needs assessment and Nat'l Five-Year Plan
- 2) Implement Five-Year Plan

Evaluate Five-Year Plan

- (1) Develop a written evaluation plan for the pilot site that incorporates objectives from the national ALA evaluation plan
- (2) Implement Five-Year Plan evaluation plan
- (3) Participate in the evaluation by:
- ✓ collect evaluation data from the local pilot sites using
- ▶ Tracking Logs
- ▶ Pre/Post Instruments
- ▶ Focus Groups
- ▶ Conference Calls
- ▶ Site Visits
- ✓ submit evaluation data to national ALA office
- (4) Collaborate with National ALA office to disseminate evaluation findings to the pilot sites and local communities to promote asthmarelated prevention, education, and advocacy efforts

OUTPUTS

Pilot Sites implement Five-Year Plan in pilot schools:

- 16 Five-Year Plan trainings at pilot schools for 100 students, 200 parents, and 25 pilot school staff
- 250 packets of materials distributed to pilot schools, parents, students and coalition members
- 50% of students diagnosed with asthma have asthma management plans in the pilot schools

Evaluation of Five-Year Plan activities by pilot sites:

 Quarterly data sets produced for each pilot site

SHORT-TERM OUTCOMES

Increase participant knowledge and skills:

- By FY2, improve parent and pilot school staff knowledge about asthma at pilot schools
- By FY2, increase asthma knowledge among students diagnosed with asthma through:
 - ✓ Greater skills and familiarity with their action plans
 - ✓ Greater sense of selfefficacy to manage their
 - ✓ More communication among medical home, family and school nurse
- By FY2, trained students, parents, and pilot school staff will demonstrate increased understanding of how local school policies, health services, and area organizations collectively impact asthma

Increase pilot school services and reporting

- By FY2, increased by 30% use of guidance from the AFSI Toolkit for strategic planning at pilot schools
- By FY2, increase by 20% the number of pilot schools reporting the number of students diagnosed with asthma
- By FY2, increase by 50% the number of pilot schools that have current asthma

INTERMEDIATE EFFECTS/OUTCOMES

Increase participant knowledge, skills, and services:

- By FY3, 90% of the students diagnosed with asthma correctly use asthma management tools
- By FY3, 90% of the students diagnosed with asthma have asthma management plans Increase pilot school services and reporting:
- By FY3, increase the number of pilot schools with effective and proven asthma management programs and services
- By FY3, increase in the number of pilot schools with improved asthma management by school staff including (1) case management, (2) access to medication, and (3) adherence to action plans
- By FY3, increase application by pilot sites of evaluation findings to increase the capacity of pilot schools to implement effective and proven asthma management

LONG-TERM EFFECTS/OUTCOMES

Improved participant health outcomes:

- By FY5, decrease the number of students diagnosed with asthma who are sent to the ER from pilot schools Increase Five-Year Plan activities in schools:
- By FY5, increase in the number of long-term and sustainable asthma programs in pilot schools
- By FY4, provide information about Five-Year Plan to nonpilot schools

Disseminate Five-Year Plan evaluation findings:

 By FY4, disseminate evaluation findings to non-pilot sites

Potential Date Sources

TL = Tracking Logs FG = Focus Groups PPI = Pre/Post Instruments SV= Site Visits CC = Conference Calls

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