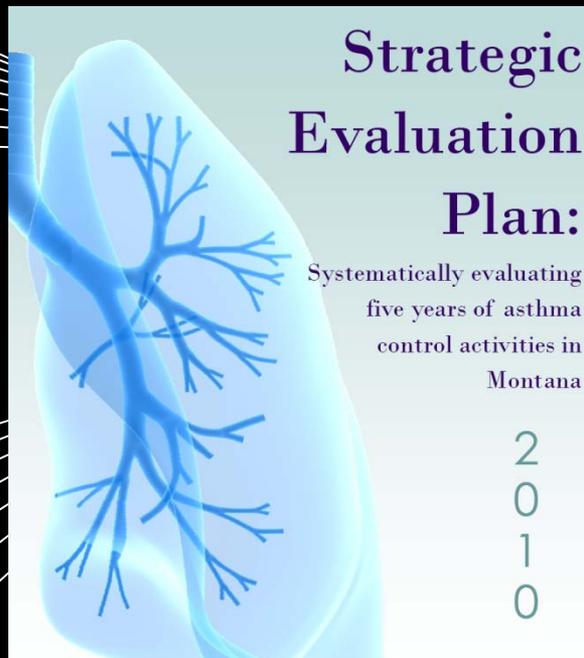


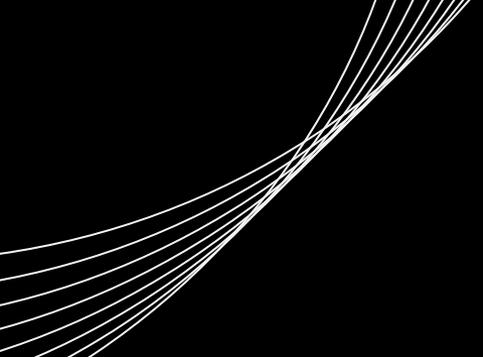
Strategic Evaluation Plan: A guide for the Montana Asthma Control Program



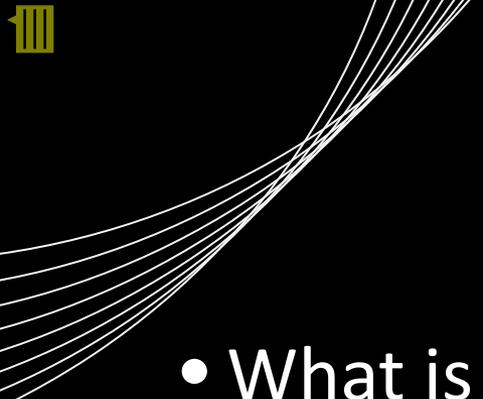
Jessie Frazier, MPH

August 20th, 2010

Montana Asthma Advisory Group Meeting

- 
- Background
 - Overview of evaluation plan development
 - Description of individual evaluation plans

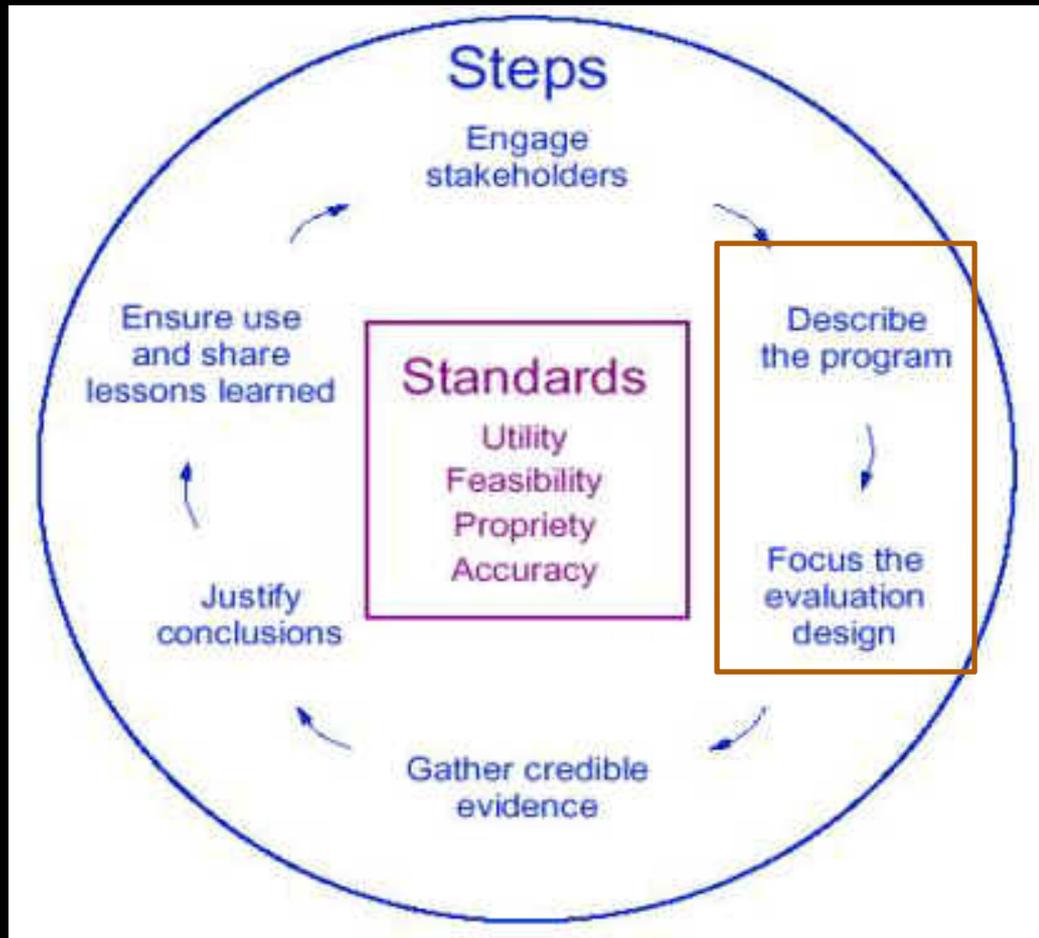




Background

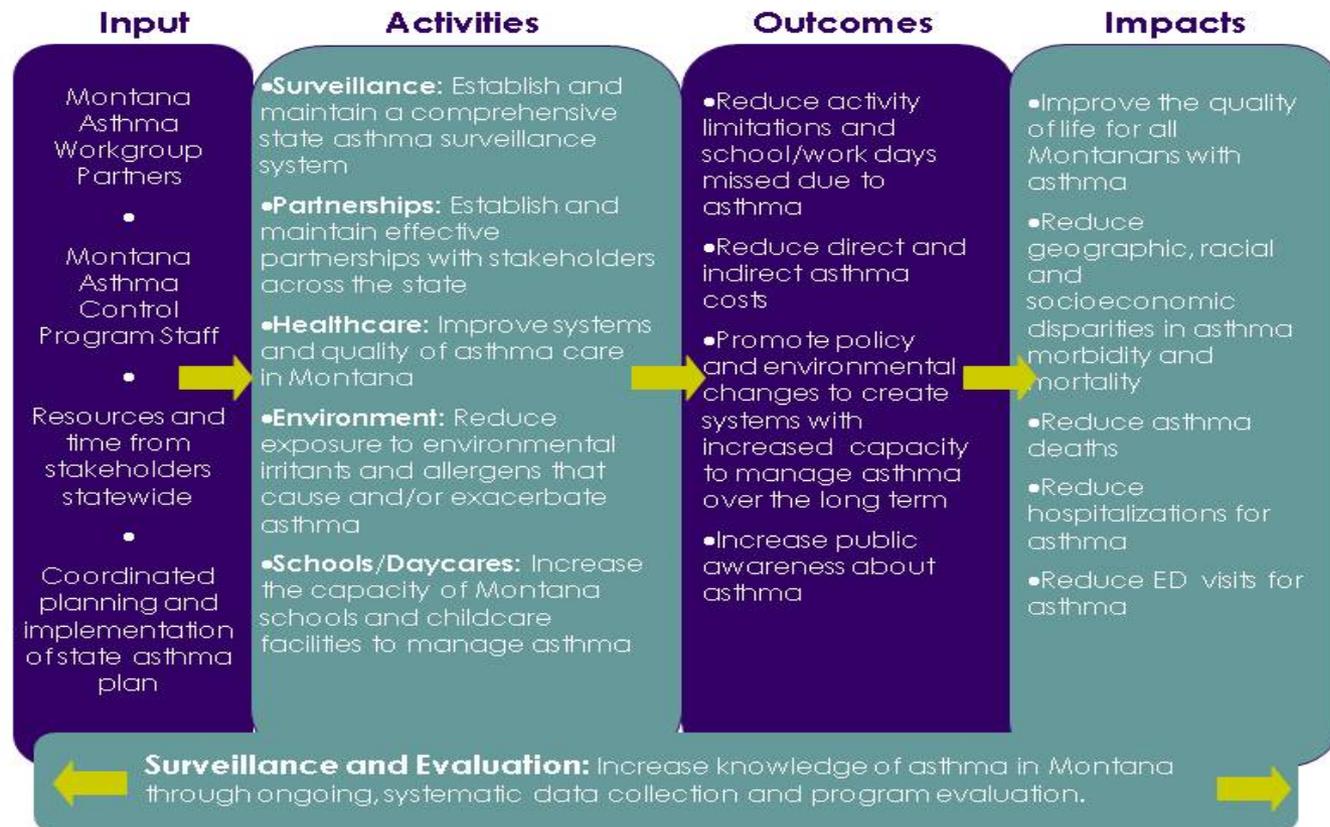
- What is a strategic evaluation plan?
 - Planning document for next 5 years
 - Lays out rationale, scope, general description and timeline of planned evaluations
- Why do evaluation?
 - Document activities
 - Measure how well we are doing
 - Improve on activities

Overview



Overview

Montana State Asthma Plan Logic Model



Underlying Themes:

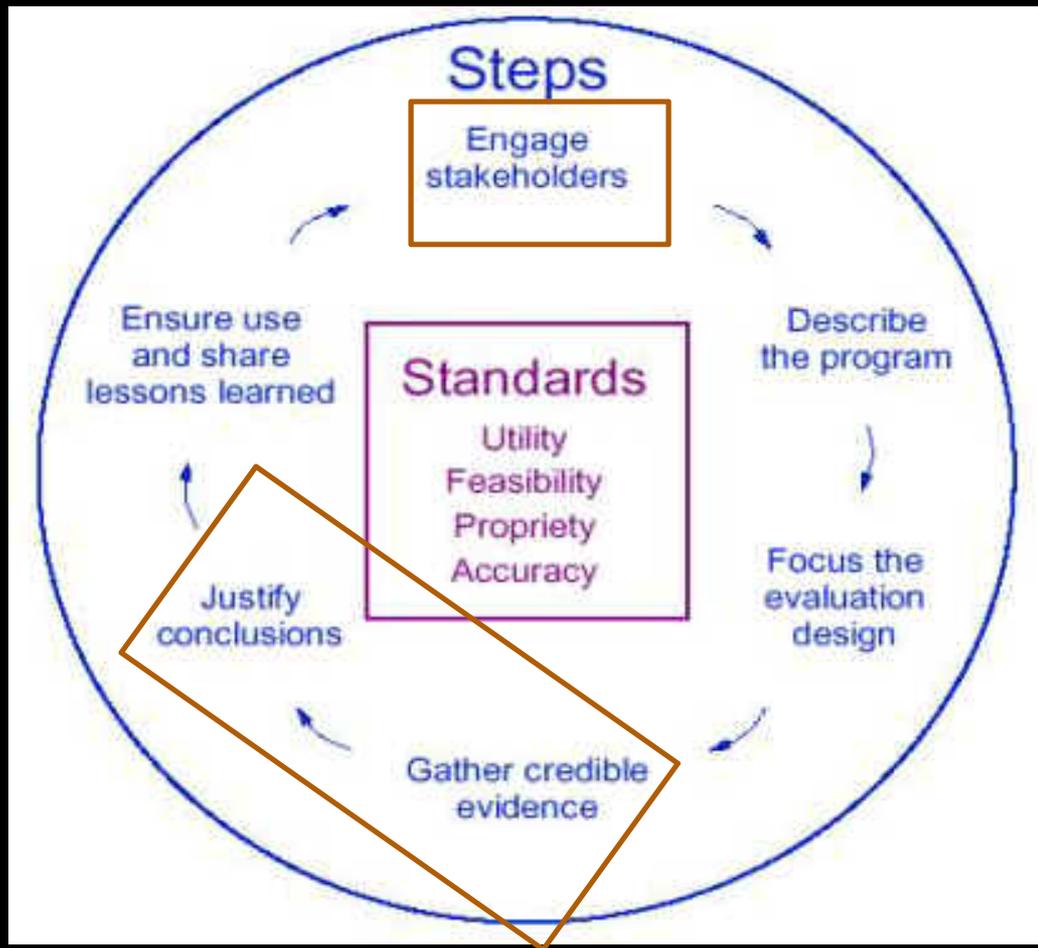
Disparities, Communication, Sustainability and Evaluation



Overview

Criteria Used	How Criteria Were Applied
1. Information Need	Activities that would benefit from changes or expansion due to successes were higher priority
2. Use of Information	Evaluation results that would be put into practice by program coordinators were higher priority
3. Reach of Activity	Programs that affected higher numbers of people were higher priority
4. Cost and Time Investment of Activity	Higher cost activities were higher priority
5. Disparities Addressed	Activities that addressed asthma disparities were higher priority

Overview

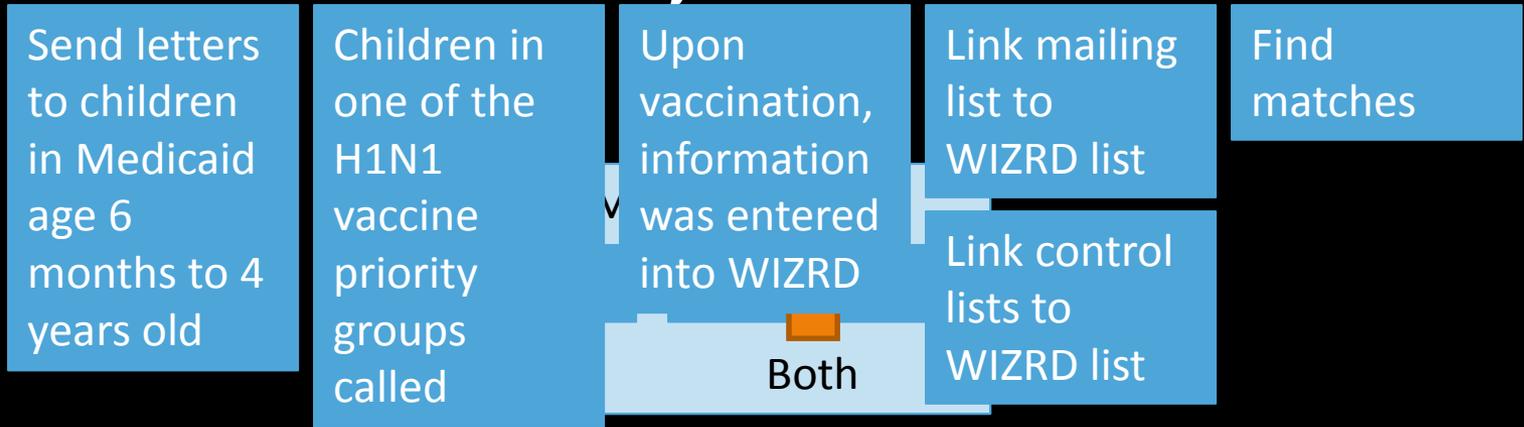


Timeline

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Evaluations	Write Strategic Evaluation Plan	Environmental Tobacco Smoke Awareness Campaign	AHEAD Protocol	Home Visiting Program	School Nurse Mini Grants
	H1N1 Outreach Project		ACMS	Surveillance	Asthma Educator Initiative
				Partnerships	

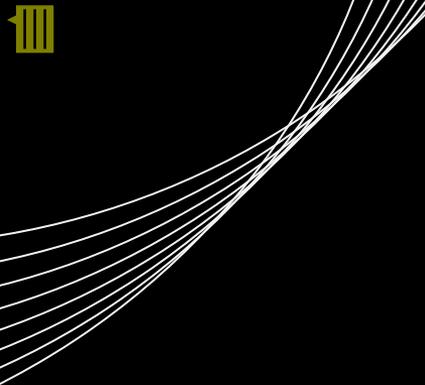
Year 1

H1N1 Outreach Project Evaluation:



There are several limitations to interpreting the data including not having information on other interventions that were going on simultaneously and not having a good control group.

Evaluation question: Were children who received the letter or call more likely to get vaccinated than other groups?



Timeline

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Evaluations	H1N1 Outreach Project	Environmental Tobacco Smoke Awareness Campaign	AHEAD Protocol	Home Visiting Program	School Nurse Mini Grants
	Strategic Evaluation Plan		ACMS	Surveillance	Asthma Educator Initiative
				Partnerships	

Year 2

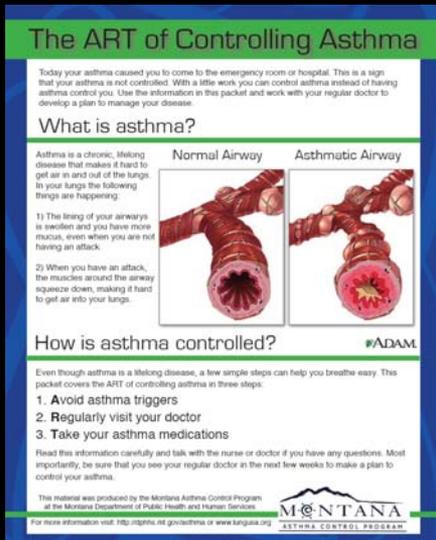
Title of Evaluation	Results from the Public Education Campaign Linking Asthma and Secondhand Smoke in Children: <i>Consider this, before you light up</i>
Evaluation Questions	<ol style="list-style-type: none">1. Was the program successful in reaching the intended audience?2. Were there increased calls to the MT Quit Line among people with asthma or who have an asthmatic in their household?
Evaluation Design	Mixed Methods: Case study, pre-post design
Data Sources	Data review , Validated advertising reach collection tool
Data collection Methods	MT Quit Line, Arnold Agency report



Timeline

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Evaluations	H1N1 Outreach Project	Environmental Tobacco Smoke Awareness Campaign	AHEAD Protocol	Home Visiting Program	School Nurse Mini Grants
	Strategic Evaluation Plan		ACMS	Surveillance	Asthma Educator Initiative
				Partnerships	

Year 3



Title of Evaluation

Outcomes from the AHEAD Protocol

Evaluation Questions

1. How useful/functional are the materials?
2. Are EDs able to implement the protocol with all asthma ED visits?
3. How many EDs are implementing AHEAD?
4. How many asthma patients have been affected by the AHEAD protocol?
5. Upon discharge, are asthma patients receiving care according to the EPR-3 Guidelines?
6. Of the people who receive the protocol, are they having improved asthma outcomes?

Evaluation Design

Mixed methods: Case Study, pre-post design

Data Sources

Survey, interviews, chart review, interviews of ED staff

Data Collection Methods

AHEAD protocol users

Year 3

Title of Evaluation

Outcomes from the Asthma Care Monitoring System Initiative

Evaluation Questions

1. How many clinics are implementing ACMS?
2. How many asthma patients are being managed with the software?
3. Are clinics submitting complete and timely data and in a suitable format?
4. Are patients at ACMS clinics receiving care as outlined in the EPR-3 guidelines?
5. Of the people seen at ACMS clinics, are their asthma outcomes improving?

Evaluation Design

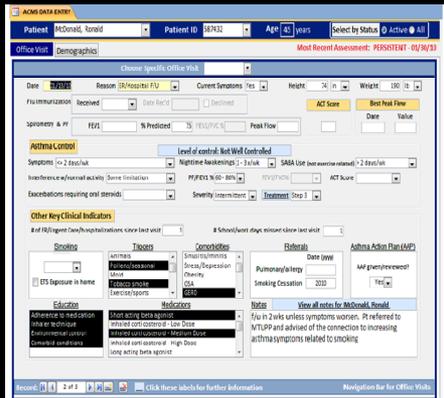
Non-experimental

Data Sources

Quarterly reports

Data collection Methods

Document submission



Quality Improvement Indicator

Follow-Up

Least two office visits in the last 12 months

Target: 80%

Vaccinations

Influenza vaccine in the last 12 months

Target: 75%

Patients aged 19+ who have ever received the pneumococcal vaccine

Target: 75%

Control Assessment

Control Assessment: Percent of active patients who received a control assessment (ACT test (age 5+) or asked at least 2 symptom questions at last visit).

Target: 90%

Received spirometry in the last year

Target: 40% of clinics using spirometry and at those clinics, 75% receiving spirometry in last year

Self Management Education

Written Asthma Action Plan received or reviewed at the last visit

Target: 85%

Received education on at least 3 of the 4 topics at the last visit: adherence to medication, inhaler technique, environmental control and comorbid conditions.

Target: 85%

Pharmacotherapy

Not well or very poorly controlled patients on an inhaled corticosteroid.

Target: 75%

Smoking

Current smokers or whose guardians are smokers who have received a cessation referral in the last 12 months.

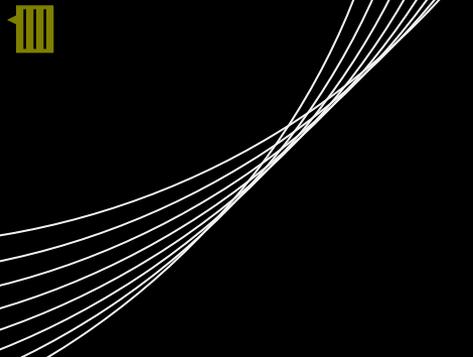
Target: 80%

Timeline

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Evaluations	H1N1 Outreach Project	Environmental Tobacco Smoke Awareness Campaign	AHEAD Protocol	Home Visiting Program	School Nurse Mini Grants
	Strategic Evaluation Plan		ACMS	Surveillance	Asthma Educator Initiative
				Partnerships	

Year 4

Title of Evaluation	Asthma Education Home Visiting Results
Evaluation Questions	<ol style="list-style-type: none">1. How many children with asthma received a home visit?2. How many visits did each child receive?3. What amount of services/education was provided for children with asthma?4. Was there a decrease in symptoms, days of school missed, etc.?5. Does the family feel more equipped to handle asthma in the home?6. Has the family's financial commitment to asthma decreased?
Evaluation Design	Mixed methods: Case study, Pre-post design
Data Sources	Public Health Nurses logs, program participant surveys
Data collection Methods	Document review, data logs, questionnaires, quarterly reports



Year 4

The Health Impact of Uncontrolled Asthma

Environmental Exposures and Asthma

Chronic Lower Respiratory Diseases and Tobacco Use

Title of Evaluation	Systematic Review of Montana Asthma Control Program Surveillance System
Evaluation Questions	<ol style="list-style-type: none"> 1. What types of surveillance products have we produced? Data sets used? Measures used? 2. To what extent does the MACP and its partners value the evaluation data and use it to leverage funding or drive program decisions? 3. How many people receive surveillance reports? 4. How many data requests are received annually? 5. To what extent does the MACP and its partners value the evaluation data and make efforts to make it available to consumers?
Evaluation Design	Case-Study, interviews
Data Sources	Data logs, MAAG member responses, MACP staff responses
Data collection Methods	Document reviews, surveys, interviews

Year 4

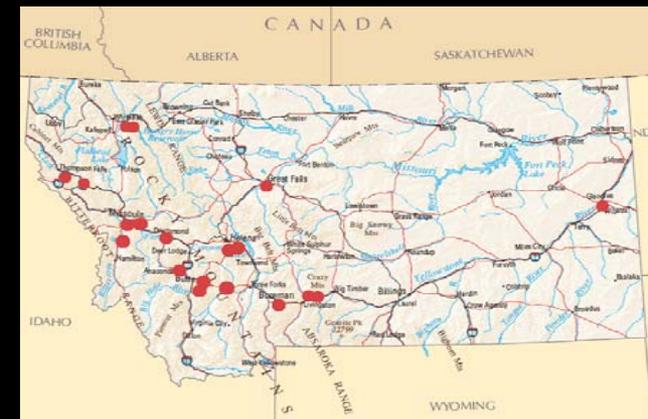
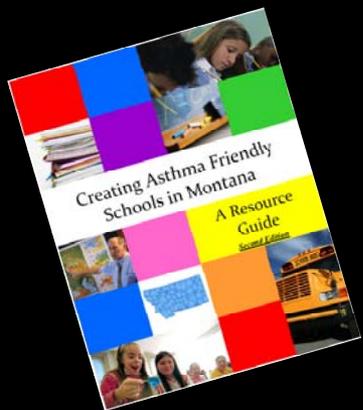
Title of Evaluation	Montana Asthma Advisory Group Survey and Feedback
Evaluation Questions	<ol style="list-style-type: none">1. How many people participate?2. How many organizations do they represent?3. Do those organizations represent the people at highest risk for asthma?4. Are there key organizations or individuals that are not currently participating?5. How satisfied are partners and do they feel like the MAAG is a forum that helps them to increase the scope of their work?6. Do they feel involved in directing asthma control activities in the state?
Evaluation Design	Case Study
Data Sources	MAAG members
Data collection Methods	Survey, interviews

Timeline

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Evaluations	H1N1 Outreach Project	Environmental Tobacco Smoke Awareness Campaign	AHEAD Protocol	Home Visiting Program	School Nurse Mini Grants
	Strategic Evaluation Plan		ACMS	Surveillance	Asthma Educator Initiative
				Partnerships	

Year 5

Title of Evaluation	Outcomes of School Nurse Directed Asthma Control Projects
Evaluation Questions	<ol style="list-style-type: none">1. How many grants awarded?2. How many nurses participated?3. How many students, parents, and school staff reached and by which activity?4. How useful/utilized was each type of activity?5. Were specific outcomes reached for each activity?
Evaluation Design	Case Study
Data Sources	Outcome reports
Data collection Methods	Document review



Year 5

Title of Evaluation	Results of the Efforts to Increase Asthma Education in Montana
Evaluation Questions	<ol style="list-style-type: none">1. To what extent are the lending library and classes being used?2. Is self-reporting of provision of asthma education increasing?3. Is the number of certified asthma educators in MT increasing?
Evaluation Design	Mixed methods: Case Study, pre-post design
Data Sources	Data logs, Asthma Call Back survey
Data collection Methods	Data logs of class participants, library users, Asthma Call Back Survey

The Association of Asthma Educators

National Asthma Educator Certification & Recertification Review Course

April 23rd-24th • Holiday Inn Grand • Billings, MT



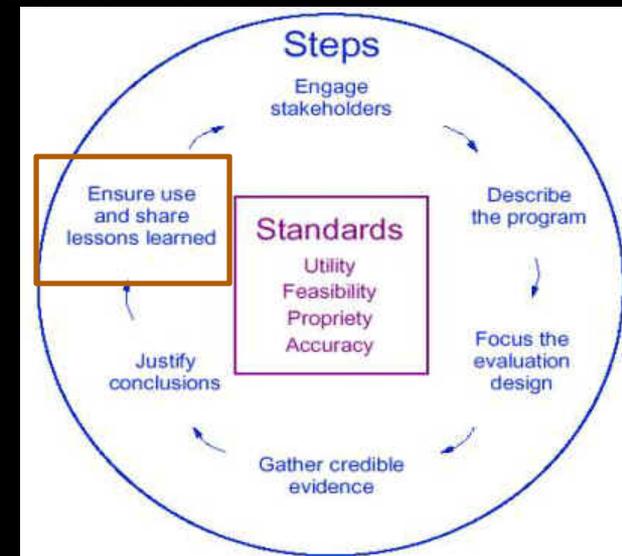
12-14.4 contact hours for
RNs, Pharmacists, RRTs and
Certified Case Managers

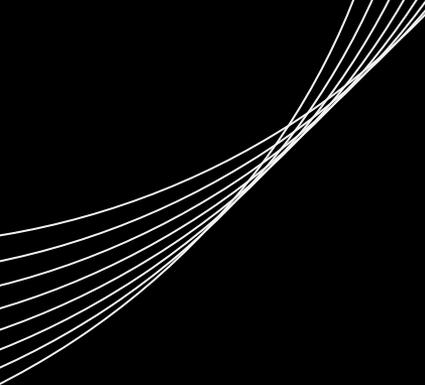
Taught by faculty from the
Association of Asthma
Educators

Open to all
licensed healthcare
providers in MT

Communication Plan

- Written reports for each individual evaluation
- Available on website
- Meetings
- Surveillance reports, journal article submissions





Comments or Questions?

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