

A State Plan for Addressing Asthma in West Virginia 2010-2014

			2007	2008	2009	Adult 2007-2009 Child 2007-2008
Objective #	Objective	Data source for evaluation	Baseline (Confidence intervals)	Baseline (Confidence intervals)	Baseline (Confidence intervals)	Baseline (Confidence intervals)
Goal 1: Partnerships and Public Awareness						
1.1	Increase communication among asthma stakeholders	Internal database	Established in first year of plan			
1.2	Increase the participation of stakeholders in the implementation of the state plan.	Internal database	Established in first year of plan			
1.3	Increase the dissemination of information on asthma burdens, priorities, and successes in West Virginia	Internal database	Established in first year of plan			
Goal 2: Surveillance and Evaluation						
2.1	Annually monitor and identify asthma trends and disparities	ATS, BRFSS, BRFSS ACB, HDD, VS, YTS, YRBS, WVU-OHSR			N/A	
2.2	Annually monitor the implementation and impact of the state plan	ATS, BRFSS, BRFSS ACB, HDD, VS, YTS, YRBS, WVU-OHSR			N/A	
2.3	Annually define WVAC priorities based on surveillance and evaluation data	WVAC Activity Plans			N/A	
Goal 3: Self-management						
3.1	Increase the percentage of West Virginians with asthma who have taken a course on how to self-manage their asthma	BRFSS ACB	Adult: 9.4% (3.8-15.1) Child: 26.8% (13.5-40.2)*	Adult: 11.2% (5.2-17.2) Child: 11.5% (1.1-21.9)*	Adult: 9.7% (4.6-14.8)	Adult: 10.1% (6.9-13.4) Child: 18.7% (10.4-27.1)
3.2	Increase the percentage of West Virginians with asthma who visits a health care professional for at least two routine asthma visits each year.	BRFSS ACB	Adult: 51.4% (42.6-60.2) Child: 56.8% (42.7-71.0)*	Adult: 40.9% (33.0-48.8) Child: 69.8% (56.7-83.0)*	Adult: 54.2% (44.9-63.5)	Adult: 48.6% (43.5-53.7) Child: 63.7% (54.0-73.3)
3.3	Increase the percentage of West Virginians with asthma who use a spacer/holding chamber when taking an inhaler medication.	BRFSS ACB	Adult: 21.5% (13.3-29.6) Child: 43.1% (20.5-65.6)*	Adult: 18.1% (9.9-26.3) Child: 48.0% (22.1-73.8)*	Adult: 30.7% (17.3-44.2)*	Adult: 23.6% (17.5-29.7) Child: 45.4% (28.9-61.9)*
3.4	Increase the percentage of West Virginians with asthma who receives an annual flu vaccine.	BRFSS	Adult: 46.4% (40.1-52.7) Child: 31.7% (17.8-45.6)*	Adult: 45.9% (39.6-51.3) Child: 57.0% (42.4-71.5)*	Adult: 50.1% (44.1-56.0) Child: ()*	Adult: 47.2% (43.8-50.7) Child: 45.0% (34.5-55.5)*
3.5	Decrease the percentage of West Virginians with asthma who are current cigarette smokers.	BRFSS, YTS	Adult: 33.6% (27.3-39.8) HS Students: 25.8% (18.7-32.9)	Adult: 32.8% (26.9-38.6)	Adult: 36.1% (30.2-42.1)	Adult: 34.1% (30.6-37.6)

Goal 4: Access to quality care						
Objective #	Objective	Data source for evaluation	2007	2008	2009	07-09 or 07-08
4.1	Increase the percentage of health care provider sites using an electronic health registry based on NAEPP guidelines to manage their asthma patients.	WVU-OHSR		15 clinics		
4.2	Increase the number of certified asthma educators in West Virginia.	NAECB		8		
4.3	Increase the percentage of West Virginians with asthma who have been given an asthma action plan.	BRFSS ACB	Adult: 18.4% (10.3-26.6) Child: 36.9% (22.4-51.4)*	Adult: 16.1% (9.6-22.6) Child: 21.7% (8.5-34.9)*	Adult: 23.4% (13.5-33.4)	Adult: 19.2% (14.4-24.0) Child: 29.2% (19.4-39.0)
4.4	Increase the percentage of West Virginia children with asthma who have an asthma action plan on file at their school.	BRFSS ACB	Child: 38.7% (23.4-53.9)*	Child: 27.2% (11.6-42.9)*		Child: 33.1% (22.3-43.8)*
4.5	Increase the percentage of West Virginians with asthma who were taught by a health care professional how to recognize the early signs and symptoms of an asthma attack.	BRFSS ACB	Adult: 60.7% (52.4-69.0) Child: 86.0% (77.5-94.5)	Adult: 57.3% (49.1-65.5) Child: 74.7% (61.3-88.1)*	Adult: 62.6% (54.1-71.1)	Adult: 60.1% (55.3-64.9) Child: 80.2% (72.2-88.2)
4.6	Increase the percentage of West Virginians with asthma who have a spirometry test at least once every two years.	WVU-OHSR		Established in first year of plan		
Goal 5: Environmental triggers						
5.1	Decrease the percentage of West Virginia children with asthma who are exposed to environmental tobacco smoke in their homes.	BRFSS ACB	Child: 19.3% (8.1-30.4)*	Child: 21.3% (9.4-33.3)*		Child: 20.3% (12.3-28.4)
5.2	Decrease the percentage of West Virginians with asthma who are exposed to burning wood in their homes.	BRFSS ACB	Adult: 19.3% (12.4-26.2) Child: 25.6% (11.7-39.5)*	Adult: 16.5% (9.8-23.2) Child: 22.8% (9.2-36.3)*	Adult: 15.8% (10.3-21.4)	Adult: 17.2% (13.5-20.9) Child: 24.1% (14.5-33.7)
5.3	Decrease vehicle idling at school drop off/pick up areas.	WV DEP		Established in first year of plan		
5.4	Decrease the percentage of West Virginia adults with asthma whose asthma was caused or made worse by their current job.	BRFSS ACB	Adult: 37.5% (22.7-52.3)*	Adult: 45.4% (32.1-58.7)*	Adult: 31.9% (16.7-47.1)*	Adult: 39.0% (30.7-47.3)
<p>BRFSS –Behavioral Risk Factor Surveillance System BRFSS ACB -Behavioral Risk Factor Surveillance System Asthma Call Back Survey ATS-Adult Tobacco Survey HDD-Hospital Discharge Data VS-Vital Statistics YTS-Youth Tobacco Survey YRBS-Youth Risk Behavior Survey WVU-OHSR-West Virginia University Office of Health Services Research’s Electronic Asthma Registry NAECB-National Asthma Educators Certification Board Website WVDEP- West Virginia Department of Environmental Protection WVAC- West Virginia Asthma Coalition *Use caution in interpreting this estimate. It does not meet one or more of the reliability criteria.</p>						