



RESEARCH SPOTLIGHT ON

# Asthma

Around **25 million Americans** have asthma, including approximately 6 million children, according to the Centers for Disease Control and Prevention. The disease disproportionately affects racial and ethnic minorities. Compared with whites, African Americans and Hispanics/Latinos are more likely to have asthma, have worse health outcomes, use more healthcare services, and are at greater risk of death from asthma.

Asthma costs the United States about **\$56 Billion** annually in medical costs, lost school and work days, and early deaths.

*Source: Centers for Disease Control and Prevention*

## Research Addressing Questions That Matter

PCORI funds **comparative clinical effectiveness research (CER)** studies to help patients and those who care for them make better-informed decisions about their options for managing asthma.



### PATIENT

My asthma is really bad. I'm supposed to use my inhaler every day, but I'm afraid of the side effects. Would it work just as well if I take my medicine only when I have symptoms, rather than every day?



### HEALTH SYSTEM ADMINISTRATOR

Our medical center treats a substantial number of patients who have asthma. What are the most effective strategies or combinations of strategies we can use to help improve the lives of our patients?

## STUDY SPOTLIGHTS

### Guidelines to Practice: Reducing Asthma Health Disparities through Guideline Implementation

Guidelines that help patients and providers work together to improve asthma outcomes aren't consistently followed. This study aims to reduce disparities and improve asthma outcomes by comparing combinations of approaches to putting guidelines into practice. One approach involves community health workers making home visits; another entails enhancements to clinics and electronic health records; and the third focuses on case management by health plans. Learn more about this project at [www.pcori.org/Stout035](http://www.pcori.org/Stout035).

### Redesigning Ambulatory Care Delivery to Enhance Children's Asthma Control

Children with asthma and their parents need resources to learn about the condition to help them manage it between doctor's visits. This study evaluates an electronic asthma tracker tool that parents and children use with their doctor. The study is determining whether using the tool improves patients' and parents' efforts to track and manage asthma symptoms better than usual care does. Read more about this project at [www.pcori.org/Nkoy03](http://www.pcori.org/Nkoy03).

As of August 2018, PCORI has awarded

**\$46** MILLION TO FUND **13**

**comparative clinical effectiveness research (CER)** studies to help patients and those who care for them make better-informed decisions about their options for managing asthma.

## BY THE NUMBER OF PROJECTS

Number of Studies Involving Populations of Interest

