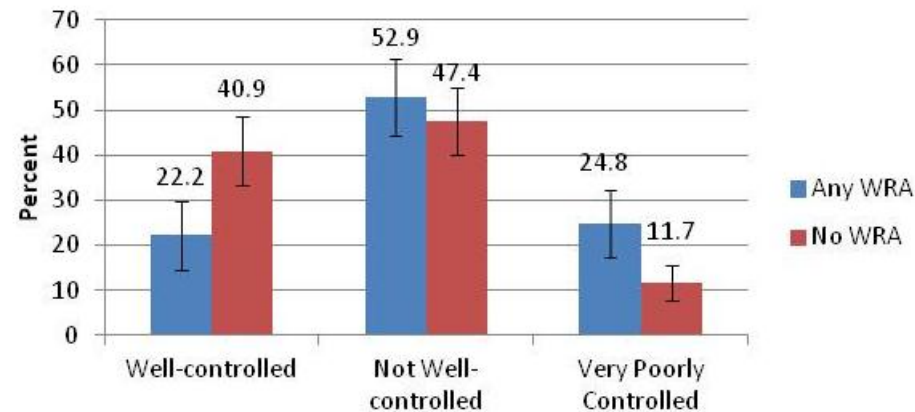


## Distribution of Asthma Control Levels among Adults with Current Asthma by Reported Work-Related Asthma

In New Jersey, as in several other states, of adults with any type of current asthma, those who reported any work-related asthma (WRA) indicate that their asthma is less well-controlled than those who reported no WRA.<sup>1</sup> The Figure below shows levels of asthma control among adults with and without work-related asthma with definitions of control based on Expert Panel Report 3 (EPR3): Guidelines for the Diagnosis and Management of Asthma.<sup>2</sup>

**Distribution of Asthma Control Levels among Adults with Current Asthma by Reported Work-Related Asthma  
NJ Asthma Call-back Survey (ACBS), 2008-2010**



Rao-Scott Chi Square,  $p=.0002$

Well-controlled means symptoms on eight or fewer of the previous 30 days, difficulty sleeping on two or fewer of the previous 30 days, and no limitation of usual activities due to asthma in the past year. Not well-controlled means any of the following: symptoms on nine or more of the previous 30 days, trouble sleeping on three to 12 of the previous 30 days, or little or moderate limitation of activities in the past year. Very poorly controlled asthma means symptoms throughout each day of the previous 30 days, trouble sleeping on 13 or more of the previous 30 days, or a lot of activity limitation in the past year due to asthma. Respondents were classified based upon the most severe symptom reported.<sup>3</sup>

<sup>1</sup> Lutzker LA et al. (2010) Prevalence of work-related asthma in Michigan, Minnesota, and Oregon. *Journal of Asthma*, 47(2):156–161.

<sup>2</sup> Expert Panel Report 3 (EPR3): Guidelines for the Diagnosis and Management of Asthma, Accessed June 28, 2012. Available: <http://www.nhlbi.nih.gov/guidelines/asthma/asthgdln.htm>

<sup>3</sup> This classification was also used in Gunnells LC. (2010). Very poorly-controlled asthma among adults in Washington state. *Washington State Journal of Public Health Practice*, 3(1):49-57.