

**HMO 2008 Asthma Condition Management  
Program Summary Report**

Year	Age 5-56 yrs eligible population (HEDIS)	Number of asthmatic members added through physician referral	Total number of unique asthmatics (estimate) identified during the year <sup>f</sup>	Percent of age 5-56 yrs eligible asthma population	Interventions								
					Initial population identified for the QI Fund Project <sup>a</sup>		Number of identified asthmatic members who received asthma educational materials <sup>b</sup>		Number of asthmatic members who received influenza vaccination reminders <sup>c</sup>		Number of Asthma Care Kits distributed to members	Number of members sampled for Asthma Survey <sup>d</sup>	Focused Outreach to high risk members <sup>e</sup>
					Number	Percent	Number	Percent	Number	Percent			
2004	705,065		15,544	2%	14,165	91%	14,904	96%	NA	NA	337	1,900	2,369
2005	678,880		15,610	2%	15,161	97%	15,534	100%	14,552	93%	490	2,000	2,308
2006	684,049		15,478	2%	11,528	74%	15,141	98%	10,977	71%	316	1,500	3,888
2007	701,891		13,899	2%	10,292	74%	13,343	96%	9,704	70%	222	1,150	Not done
2008	691,180	3	13,983	2%	7,857	56%	10,751	77%	7,469	53%	78	See note <sup>d1</sup>	424

<sup>a</sup> In 2004 & 2005, criteria for identifying asthmatics was members age 5 to 56 years with one of the following in the year:

- Claim for asthma admission or ER visit
- 4 or more asthma prescriptions
- 4 or more outpatient visits
- Claim for asthma admission or ER visit

In 2006 & 2007, criteria for identifying asthmatics excluded members who were identified only from leukotriene inhibitor claims. Also there was a change in the way inhaled medications are counted compared to oral medications.

Starting in 2007, criteria for identifying asthmatics was members age 5 to 56 years with:

At least one of the following in both measurement year and prior measurement year (HEDIS criteria):

- at least 1 emergency department visit with asthma as the principal diagnosis
- at least 1 acute inpatient discharge with asthma as the principal diagnosis
- at least 4 outpatient visits with asthma as one of the diagnoses
- at least 4 asthma medication dispensing events

OR

At least one of the following in measurement year:

- either of the first 2 bulleted items listed above
- at least 4 outpatient visits with asthma as one of the diagnoses and at least 2 asthma medication dispensing events
- at least 4 asthma medication dispensing events plus at least 1 claim/encounter from the outpatient setting with asthma as one of the listed diagnoses

<sup>b</sup> Prior to 2008, information about Asthma Care Kit offer was sent in a member flier semi-annually to all asthmatics and newly identified asthmatics.

In 2008, 9,029 identified asthmatics received Personal Asthma Management brochure) and 5,262 newly identified asthmatics received the Asthma Care Diary.

<sup>c</sup> In 2004 influenza vaccination reminders were not sent to members due to vaccine shortage issue for the 2004-05 flu season.

## HMO 2008 Asthma Condition Management Program Summary Report

Influenza vaccination reminder mailings are sent to all members age 65+ and to members identified with asthma, diabetes and cardiovascular disease. Members who are in more than one of these risk groups are only included in reporting for one.

<sup>d</sup> Asthma survey was sent annually to a random sample of adult asthmatics age 18 to 56 yrs and pediatric asthmatics age 5 to 17 yrs selected from the identified asthma population age 5 to 56 yrs.

<sup>d1</sup> **In 2007**, the survey was mailed late in the year and a follow-up to non respondents in early 2008.

The survey was modified with questions added about asthma control. and rating of asthma educational materials.

<sup>e</sup> **In 2004**, the focused outreach included members with at least 2 ER visits AND/OR 1 inpatient admission AND/OR > 3:1 ratio of beta-agonist to controller medication.

**In 2005 & 2006**, the focused outreach included members with an ER visit AND/OR inpatient admission.

**In 2008**, the focused outreach included members who did not fill prescription for an asthma controller medication in 2007 as per pharmacy data.

<sup>f</sup> HMO Members wishing to opt-out of QI related activities are maintained in a database.

Since its creation in 2007, 3,390 subscriber ids have been added to the HMO opt-out database. Members who opt out are removed from all QI initiatives. Each time an asthma member list is generated, it is compared to the opt-out list and any opt-out members found are removed.