

Appendix 1 Calculation of Number of Symptom Free Days (SFDs)

Mean number of SFDs derived from question 5 and 7 from the C-ACT for young children.

- During the last 4 weeks, how many days had your child have daytime asthma symptoms?
- During the last 4 weeks, how many days did your child wake up during the night because of asthma?

Mean number of SFDs derived from question 2 and 3 from the ACT for older children.

- During the past 4 weeks, how often have you had shortness of breath?
- During the past 4 weeks, how often did your asthma symptoms wake you up at the night or earlier than usual in the morning?

Young children (6 - 11 years)		
C-ACT score	Days with asthma symptoms	Number of SFDs
5	0	30
4	1-3	28
3	4-10	23
2	11-18	15.5
1	19-24	8.5
0	30	0

Older children (12 - 16 years)		
C-ACT score	Days with asthma symptoms	Number of SFDs
5	0	30
4	1-2	28.5
3	4	26
2	8-12	20
1	>16	<14