

Table 1. Facilitators and barriers to children with asthma receiving medication while at school with illustrative quotes from parent/caregiver interviews

Parent-reported facilitators of asthma medication administration		
	Effective, full time school nurse	<p><i>"The beginning of the school year, they make sure when your kids go to their appointment before they go to school that you get all the refills and make you get more medicine for school "</i></p> <p><i>"They have a school-based School Nurse, and he's awesome with [my child], 'cause he knows him and his asthma by now"</i></p> <p><i>"They have a nurse all the time. She is real good. Basically, she'll help them with anything that they need. She's been knowing them since 4 years old. They started there at 4 years old."</i></p>
	Well trained staff	<p><i>"Every person that's involved with that child, or actively around that child, whether it's the Specialist (knows already), Teachers, staff, parents, aunties, uncles, whoever it is, I feel like it's very important for everybody to get educated on triggers, signals and warning signs of asthma flare-ups and asthma attacks."</i></p> <p><i>"Well usually like if the Teacher see them coughing, wheezing, or</i></p>

		<i>something like that, she'll call down to the nurse and tell them that '[child]' seem like they're struggling, and they need to come down to the Nurse's Office.' If they're in Gym, or the Lunch Teacher or something like that see them laying down, or saying, 'Hey. What's going on?' then they'll send them on down to that nurse."</i>
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Parent-reported barriers to asthma medication administration

	Ineffective communication among school nurses	<i>"They would have a School Nurse, but she would be there a couple of days only, and then they would put another nurse that was from a high school. There was always either/or that nurse. I'm grateful that there is a nurse in the school at all times, but once you have two different nurses, I don't know if there was bad communication or not, and the nurse at the high school was treating older kids, so it's not the same as treating smaller children."</i>
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	Ineffective communication between school nurse and parent	<i>"What would've made it easier is the nurse telling me she needed a refill before she actually needed the refill. She could've told me, 'Okay, she's running low, has about ten or 15 puffs left,' or even if it was more. I do have refills on</i>
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		<p><i>her inhaler. Communicate with me that she will be needing a refill soon”</i></p> <p><i>“They kept saying I needed a Medical Plan from the hospital and she has a lot of Asthma Action Plans because they’re consistently changing. Every time they give me a new one, I give it to the school, but the school was not following that.”</i></p>
	<p>Staff not prepared to respond to respiratory emergencies</p>	<p><i>“She kept telling her Teachers that she couldn’t breathe. At first, they were not sending her to the nurse... They were not believing her. She’ll tell the Teacher that she can’t breathe, but because she was telling them so much, they didn’t believe that she really couldn’t breathe.”</i></p> <p><i>“What would make it even easier, schools being better prepared with especially those kids. I know that there are nurses, but sometimes there isn’t a nurse available in school. Everybody should be very prepared with those kids with certain conditions, like asthma.”</i></p>
	<p>Lacking or inadequate school policies</p>	<p><i>“They don’t have a policy. You send the medicine with them. If the nurse is there, it’s distributed. If the nurse isn’t there, they’ll call you. There needs to be a better policy. It’s not one.”</i></p>

		<p><i>“[The nurse] does store [my child's inhaler] at school, but if she does need it, how fast would they be able to give it to her from the clinic, which is in the office, to wherever she may be in the school building?”</i></p>
	<p>Social drivers of health & daily challenges</p>	<p><i>“Some parents may have a lot of kids and it’s hard keeping up with everything for one child, and it’s just a reminder or a helpful hint for them to help them stay on top of it with the kids.”</i></p> <p><i>“...for instance when they had dropped my medical and I couldn’t pay for her inhaler costs out-of-pocket because she had two different pumps”</i></p>