



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

Date: 02/23/2022

Time: 10:05 AM

Location: CR 211 & Videoconference

Committee: Senate Ways and Means

Department: Education

Person Testifying: Keith T. Hayashi, Interim Superintendent of Education

Title of Bill: SB 2822, SD1 RELATING TO ASTHMA.

Purpose of Bill: Requires the Department of Education to offer optional asthma education instruction to students and provide mandatory asthma training to teachers and other department employees who interact with students. Effective 7/1/2023. (SD1)

Department's Position:

The Hawaii State Department of Education (Department) respectfully offers comments on SB 2822, SD 1.

The Department currently has systems in place to support students with chronic health conditions, such as asthma. Upon notification of a student with a chronic health condition, a team is formed with the student's parent or legal guardian, a Hawaii State Department of Health (DOH) Public Health Nurse, and all appropriate school staff to develop an Emergency Action Plan individualized to the student's needs during the school day. The Emergency Action Plan is reviewed annually and as needed.

To ensure the safety and well-being of all students, every Department school has a School Health Assistant trained in first aid, CPR, and medication administration. Sections §302A-851 and §302A-853, Hawaii Revised Statutes (HRS), support the safe and effective administration of medication to students by School Health Assistants and the Nurse Practice Act allows and covers medication administration by School Health Assistants.

Per Section §302A-1164, HRS, the Department allows for the self-administration of medication by a student for asthma, anaphylaxis, diabetes, or other potentially

life-threatening illness.

Under the Individuals with Disabilities Education Act and Section 504 Rehabilitation Act of 1973, a student with asthma may be eligible to receive additional services. An Individualized Education Program may be developed in collaboration with the legal guardian, school staff, and DOH Public Health Nurse to determine how to best meet the student's needs at school, before and after school, during school-sponsored programs, and during co-curricular, extra-curricular, and non-academic school-sponsored events or activities.

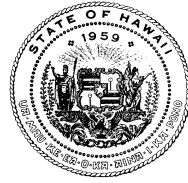
Should the measure move forward, the Department respectfully requests the following revisions to better align with the intent of offering an intervention to support students with asthma:

- Page 3, Line 14: “develop and ~~provide required~~ offer optional asthma training to teachers and”
- Page 3, Line 15: “other department employees who interact with students with asthma.”
- Page 3, Line 16: “training ~~required~~ offered under this section shall include recognizing”
- Page 4, Line 3: “or private entity to provide the training ~~required~~ offered under this”
- Page 4, Line 7: “when developing the training ~~required~~ offered under this section.”

The Department has been collaborating with the American Lung Association Hawaii to offer instruction for any interested employees on asthma basics and will work with the American Lung Association to continue this practice.

Given the above-mentioned systems in place to support students with chronic health conditions such as asthma, the Department believes that this bill may not be necessary at this time.

Thank you for the opportunity to provide testimony on this bill.



STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
Honolulu, HI 96801-3378
doh.testimony@doh.hawaii.gov

WRITTEN TESTIMONY ONLY

**Testimony COMMENTING on S.B. 2822, S.D. 1
RELATING TO ASTHMA**

**SENATOR DONOVAN M. DELA CRUZ, CHAIR
SENATE COMMITTEE ON WAYS AND MEANS**

Hearing Date: February 23, 2022

Room Number: Videoconference

1 **Fiscal Implications:** None

2 **Department Testimony:** The Department of Health (DOH) offers comments on Senate Bill
3 2822, Senate Draft 1 (S.B. 2822, S.D. 1), requiring the Department of Education (DOE) to offer
4 optional asthma education courses to students and provide mandatory asthma training to teachers
5 and other department employees who interact with students. The DOH concurs the importance
6 of school-based asthma self-management education (AS-ME) for students, parents, and school
7 staff.

8 Asthma is one of the leading causes of chronic disease-related school absenteeism.
9 Absenteeism due to poorly controlled asthma may negatively affect educational outcomes and
10 limit students with asthma the ability to fully participate in school activities. Addressing asthma
11 effectively requires a coordinated effort among school staff, home/family members, and the
12 primary care physician in order to improve self-management and health outcomes. The
13 coordination is acutely important since moderate to severe asthma increases risk for
14 hospitalization from COVID-19.

15 S.B. 2822, S.D. 1 aligns with the prioritized objectives in the Hawaii Asthma Plan 2030
16 developed with stakeholders to increase AS-ME program implementation in school and
17 community sites.

18 Thank you for the opportunity to testify on this measure.

19 **Offered Amendments:** None



LATE

DISABILITY AND COMMUNICATION ACCESS BOARD

1010 Richards Street, Room 118 • Honolulu, Hawaii 96813
Ph. (808) 586-8121 (V) • Fax (808) 586-8129

February 23, 2022

TESTIMONY TO THE SENATE COMMITTEE ON WAYS AND MEANS

Senate Bill 2822, Senate Draft 1 – Relating to Asthma

The Disability and Communication Access Board (DCAB) supports Senate Bill 2822, Senate Draft 1 Relating to Asthma. This bill would require the Department of Education to offer optional asthma education instruction to students and provide mandatory asthma training to teachers and other employees.

Asthma can lead to a serious disability or cause of death. With education on how to recognize early warning signs of an asthma attack can prevent serious health complications. This bill ensures students who have asthma lead a long and productive life.

Thank you for the opportunity to provide testimony.

Respectfully submitted,

Kristine Pagano

for KIRBY L. SHAW
Executive Director



HAWAII MEDICAL ASSOCIATION

1360 S. Beretania Street, Suite 200, Honolulu, Hawaii 96814

Phone (808) 536-7702 Fax (808) 528-2376

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SENATE COMMITTEE ON WAYS AND MEANS

Senator Donovan M. Dela Cruz, Chair

Senator Gilbert S.C. Keith-Agaran, Vice Chair

Date: February 23, 2022

From: Hawaii Medical Association

Elizabeth Ann Ignacio MD, Chair, HMA Legislative Committee

Re: SB 2822 SD1 Asthma; DOE; Training; Teachers; Courses

Position: Support

Hawaii physicians recognize well the significant public health challenges of asthma in our pediatric population. Each year, 4 million children nationwide have an asthma exacerbation event, often requiring immediate medical care. Here in Hawaii, racial and ethnic disparities exist in these potentially preventable pediatric emergency department (PPPED) visits. According to analyses by the UH Office of Public Health Studies of the acute care hospitals in our state for 2016 (3230 visits), the largest proportion of total potentially preventable pediatric ED visits for asthma came from Native Hawaiians (36.5%), followed by Filipino (19.4%), White (13.3%), other Pacific Islander (13.0%), other race (11.1%), Japanese (5.30%), and Chinese (1.5%)¹.

It is clear that health inequities exist for the keiki of our minority citizens, and coordinated community based asthma education programs for Hawaii teachers, students and parents will reduce the negative outcomes². Hawaii will need additional research on the details of asthma hospitalization and outpatient data to quantify direct and indirect burdens of cost. This legislation is a move in the right direction. Our Hawaii legislature must attend to these critical healthcare disparities that impact our most vulnerable communities.

Thank you for allowing the Hawaii Medical Association to testify on this measure.

REFERENCES

1. Uchima, O et al. Disparities in Potentially Preventable Emergency Department Visits for Children with Asthma among Asian Americans, Pacific Islanders, and Whites in Hawai'i. *Int. J. Environ. Res. Public Health* 2021, 18, 7096. <https://doi.org/10.3390/ijerph18137096>.
2. Herman, E.J., Garbe, P.L. & McGeehin, M.A. Assessing Community-Based Approaches to Asthma Control: The Controlling Asthma in American Cities Project. *J Urban Health* 88, 1–6 2011.

HMA OFFICERS

President – Angela Pratt, MD President-Elect – Elizabeth Ann Ignacio, MD
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To: The Honorable Donovan M. Dela Cruz, Chair
The Honorable Gilbert S.C. Keith-Agaran, Vice-Chair
Senate Committee on Ways and Means

From: Peggy Mierzwa, Community and Government Relations

Hearing: Wednesday, February 23, 2022

RE: **SB2822 SD1 Relating to Asthma -Support**

AlohaCare appreciates the opportunity to provide testimony in **support of SB2822 SD1**. This measure will allow the Department of Education to provide optional asthma self-management instruction to students. It will also require teachers and others who work with students to be trained in recognizing asthma and learning about asthma management.

Founded in 1994 by Hawai'i's community health centers, AlohaCare is a community-rooted, non-profit health plan serving 80,000 Medicaid and dual-eligible health plan members on all islands. We are the only health plan in Hawaii that exclusively serves Medicaid beneficiaries. Our mission is to serve individuals and communities in the true spirit of aloha by ensuring and advocating for access to quality health care for all. We believe that health is about supporting whole-person care.

Asthma affects Native Hawaiians and Pacific Islander children at higher proportions than other groups. Furthermore, Hawaii Island and Maui, where there is less access to the care of specialists, have the highest rates of childhood asthma. The west side of Oahu also sees disproportionate rates of childhood asthma as well.

Schools can serve as a community support site by helping parents and guardians learn more about asthma, helping kids to understand asthma, and giving teachers and other direct support staff the tools they need to adequately address the physical and emotional needs of students. In other places, such programs have been successful with increasing education and knowledge, increasing the health of the students and decreasing the number of absences.¹

Healthy communities are achieved when we take preventative action in addition to administering the appropriate treatment to individuals. Implementation of this bill will help the state to uplift public health. Being proactive instead of reactive is the key to overall health.

Mahalo for this opportunity to testify in **support of SB2822 SD1**.

¹ [Cost-effectiveness of the School-Based Asthma Therapy \(SBAT\) program - PubMed \(nih.gov\)](#)



DATE: 20 Feb 2022

To: Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair
Senate Committee on Ways and Means

Re: Testimony in Support of SB 2822 SD1 RELATING TO ASTHMA

Hrg: 23 Feb 2022, 10:05 AM Conference room 211 & Videoconference

Dear Chair Donovan, Vice Chair Keith-Agaran, and Members of the Committees,

The Hawai'i Public Health Association (HPHA) is a group of over 450 community members, public health professionals, and organizations statewide dedicated to improving public health. Our mission is to promote public health in Hawai'i through leadership, collaboration, education and advocacy. Additionally, HPHA aims to call attention to issues around social justice and equity in areas that extend beyond the traditional context of health (e.g., education, digital equity, cultural sensitivity), which can have profound impacts on health equity and well-being. As stewards of public health, HPHA is also advocating for equity in all policies.

HPHA strongly supports SB 2822 SD1, relating to asthma. This bill provides the needed support that children with asthma require by having all Department of Education teachers trained on asthma education, one of the most common chronic childhood diseases in Hawai'i. While we understand that the Department of Education is taxed with a variety of roles, because of the nature of asthma, it's important that all people that work with children understand what asthma is, how to react in an emergency, and what may trigger asthma attacks. This is particularly important for young children, who make up most asthma-related emergency room visits. While many older children may carry inhalers and need little help when they have an asthma attack because they can identify triggers and use their inhalers themselves, younger children may need the help of a teacher to get through an asthma attack.

According to the Centers for Disease Control and Prevention (CDC), on average, in a classroom of 30 children, about 3 are likely to have asthma. CDC also recommend that schools provide asthma education for students with asthma and education programs for school staff, parents, and families. This bill would allow our state to be in-line with CDC recommendations.



This bill also has significant impact on promoting health equity. Low-income populations, Native Hawaiians, and children living near traffic intersections experience more emergency department visits, hospitalizations, and deaths due to asthma than the general population. Schools are an important part of a child's life by providing a safe and healthy environment for all children to learn and thrive.

We strongly support SB 2822 SD1 and respectfully ask that you pass this measure to ensure that our keiki with asthma have the best chance to thrive in all environments. Thank you for the opportunity to provide testimony on this important public health issue.

Respectfully submitted,

J. Leocadia Conlon, PhD, MPH, PA-C
Legislative Committee Chair
Hawai'i Public Health Association



**Testimony to the Senate Committee on Ways and Means
Wednesday, February 23, 2022; 10:05 a.m.
State Capitol, Conference Room 211
Via Videoconference**

RE: SENATE BILL NO. 2822, SENATE DRAFT 1, RELATING TO ASTHMA.

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee:

The Hawaii Primary Care Association (HPCA) is a 501(c)(3) organization established to advocate for, expand access to, and sustain high quality care through the statewide network of Community Health Centers throughout the State of Hawaii. The HPCA **SUPPORTS** Senate Bill No. 2822, Senate Draft 1, RELATING TO ASTHMA.

By way of background, the HPCA represents Hawaii's Federally Qualified Health Centers (FQHCs). FQHCs provide desperately needed medical services at the frontlines in rural and underserved communities. Long considered champions for creating a more sustainable, integrated, and wellness-oriented system of health, FQHCs provide a more efficient, more effective and more comprehensive system of healthcare.

This bill, as received by your Committee, would require the Department of Education (DOE) to:

- (1) Offer optional asthma education courses to students; and
- (2) Develop and provide asthma training to teachers and other DOE employees who interact with students.

According to recent data, it is estimated that 11.6% of children (<18 years) and 7.8% of adults in Hawaii currently have asthma. This corresponds to 36,000 children and 76,000 adults, or 112,000 people with asthma in our State.

As a partner of the Department of Health's Hawaii Asthma Control Program (**See**, <https://health.hawaii.gov/asthma/>), the HPCA supports any and all efforts to promote a broader understanding of this disease among our citizens. It is our hope that everyone will one day know how to best manage this malady, and understand what they can do when someone experiences an acute asthma attack.

Try to imagine how scary it would be for a child to experience an asthma attack in a classroom. Imagine how scary it would be for the other students in the classroom who watch while this occurs. . . And also try to imagine how helpless the teacher will feel if he or she sees a student under his or her care in distress and not knowing what to do when this happens?

If you were that teacher, would you be able to sleep that night and would you be hesitant to go back to school the next day?

We recognize that much in this bill pertains to the "conditions of employment" that should more appropriately be addressed through collective bargaining. But if this bill can start the conversation between the DOE, the Hawaii State Teachers Association, and the Hawaii Government Employees Association, this bill would have accomplished much to improve the situation.

The HPCA stands ready to assist in this discussion and offer our expertise and reach across all islands to coordinate and collaborate on future activities.

For these reasons, we urge your favorable consideration of this measure.

Thank you for the opportunity to testify. Should you have any questions, please do not hesitate to contact Public Affairs and Policy Director Erik K. Abe at 536-8442, or eabe@hawaiiipca.net.

SB-2822-SD-1

Submitted on: 2/20/2022 7:37:02 PM

Testimony for WAM on 2/23/2022 10:05:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Michael Ching, MD, MPH	Testifying for American Academy of Pediatrics, Hawaii Chapter	Support	No

Comments:

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee on Ways and Means:

The American Academy of Pediatrics, Hawaii Chapter supports SB2822, relating to asthma. This bill provides the needed support that children with asthma need by having all Department of Education teachers trained on asthma education, one of the most common chronic childhood diseases in Hawaii. It would also provide for optional asthma education for students with asthma.

According to the Centers for Disease Control and Prevention (CDC), on average, in a classroom of 30 children, about 3 are likely to have asthma. Low-income populations, Native Hawaiians, and children living near traffic intersections experience more emergency department visits, hospitalizations, and deaths due to asthma than the general population. The CDC also recommends that schools provide asthma education for students with asthma and education programs for students, school staff, parents, and families. This bill would allow our state to be in-line with CDC recommendations.

We ask you to please support this bill to ensure that our children with asthma have the best chance to thrive in all environments.

Sincerely,

Michael Ching, MD, MPH, FAAP
President
American Academy of Pediatrics, Hawaii Chapter



HIPHI Board

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Hawai'i Pacific Health

Kathleen Roche, MS, RN, CENP
Kaiser Permanente

Dina Shek, JD
Medical-Legal Partnership
For Children in Hawai'i

Garret Sugai

Titiimaea Ta'ase, JD
State of Hawai'i, Deputy Public Defender

HIPHI Initiatives

Coalition for a
Tobacco-Free Hawai'i

Community Health
Worker Initiative

COVID-19 Response

Hawai'i Drug & Alcohol Free
Coalitions

Hawai'i Farm to School Hui

Hawai'i Oral Health Coalition

Hawai'i Public Health Training Hui

Healthy Eating + Active Living

Kūpuna Food Security Coalition

Date: February 21, 2022

To: Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair
Members of the Committee on Ways and Means

Re: Testimony in Support of SB 2822, SD1, Relating to Asthma

Hrg: February 23, 2022 at 10:05 AM via Videoconference

The Hawai'i Public Health Instituteⁱ is in **support of SB 2822, SD1**, which requires the Department of Education to offer optional asthma education courses to students and provide mandatory asthma training to teachers and other department employees who interact with students.

Asthma is a serious health concern in Hawai'i, with 10.2% of Hawai'i children estimated to have asthma in 2018 (compared to 7.5% of children nationally.ⁱⁱ Asthma is also one of the leading causes of absenteeism due to chronic disease, and may negatively affect educational outcomes, limit students with asthma's ability to fully participate in school activities, and when children miss school, a parent or guardian often misses work to care for them.

Certain physical activities in schools, such as that in PE classes or recess playtime, may be a trigger for children with asthma, so it is important for all people in charge of the care of children understand what asthma is, how to react in an emergency, and what may trigger asthma attacks. The CDC recommends that schools provide asthma education for students with asthma and education programs for school staff, parents, and families. This bill would allow our state to be in-line with CDC recommendations.

Mahalo for the opportunity to submit testimony.

Mahalo,

A handwritten signature in black ink, appearing to read 'Amanda Fernandes', written over a white background.

Amanda Fernandes, JD
Policy and Advocacy Director

ⁱ Hawai'i Public Health Institute is a hub for building healthy communities, providing issue-based advocacy, education, and technical assistance through partnerships with government, academia, foundations, business, and community-based organizations.

ⁱⁱ 2019 Youth Risk Behavior Surveillance System (YRBSS). Available at: www.cdc.gov/yrbs. Accessed on 02/02/22.



Hawaii
Children's Action Network Speaks!
Building a unified voice for Hawaii's children

Hawai'i Children's Action Network Speaks! is a nonpartisan 501c4 nonprofit committed to advocating for children and their families. Our core issues are safety, health, and education.

To: Senate Committee on Ways and Means

Re: **SB 2822, SD1– Relating to Asthma**

Hawai'i State Capitol, Conference Room 211 & Videoconference

February 23, 2022, 10:05 AM

Dear Chair Dela Cruz, Vice Chair Keith-Agacan, and committee members,

On behalf of Hawai'i Children's Action Network Speaks!, I am writing in SUPPORT of SB 2822 SD1, relating to asthma. This bill would require the Department of Education to offer optional asthma education courses to students and provide mandatory asthma training to teachers and other department employees who interact with students.

According to the Centers for Disease Control and Prevention (CDC), on average, in a classroom of 30 children, about 3 are likely to have asthma. According to the Centers for Disease Control and Prevention (CDC), on average, in a classroom of 30 children, about 3 are likely to have asthma.¹

In Hawai'i, disparities in asthma prevalence are seen in race/ethnicity and region with Native Hawaiians being disproportionately affected by asthma and experiencing the greatest burden. Native Hawaiians have the highest asthma prevalence at 28.3% compared to Caucasians (17.1%), Chinese (16.4%), Filipino (20.5%), Japanese (17.7%), or other races/ethnicities (19.8%).² Areas with high asthma prevalence include Hawai'i and Maui counties and the Nānākuli/Wai'anae sub-county areas on O'ahu.

This bill would to ensure that our children with asthma have the best fighting chance to thrive in all environments. Mahalo for the opportunity to provide this testimony. Please pass this bill.

Thank you,

Nicole Woo

Director of Research and Economic Policy

¹ <https://www.cdc.gov/healthyschools/asthma/index.htm>

² Uchima O, Taira DA, Ahn HJ, Choi SY, Okihiro M, Sentell T. Disparities in Potentially Preventable Emergency Department Visits for Children with Asthma among Asian Americans, Pacific Islanders, and Whites in Hawai'i. International Journal of Environmental Research and Public Health. 2021



S E A C
Special Education Advisory Council
1010 Richards Street Honolulu, HI 96813
Phone: 586-8126 Fax: 586-8129
email: spin@doh.hawaii.gov
February 23, 2022

**Special Education
Advisory Council**

Ms. Martha Guinan, *Chair*
Ms. Susan Wood, *Vice Chair*

Ms. Sara Alimoot
Ms. Virginia Beringer
Ms. Mary Brogan
Ms. Deborah Cheeseman
Ms. Annette Cooper
Ms. Shana Cruz
Mr. Mark Disher
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Mr. Kerry Iwashita
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Ms. Tina King
Ms. Jennifer Leoiki-Drino
Ms. Dale Matsuura
Ms. Cheryl Matthews
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Ms. Rosie Rowe
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Mr. Steven Vannatta
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Ms. Paula Whitaker
Ms. Jasmine Williams

Ms. Annie Kalama, *liaison to
the Superintendent*
Dr. Bob Campbell, *liaison to
the military community*

Amanda Kaahanui, Staff
Susan Rocco, Staff

Senator Donovan M. Dela Cruz, Chair
Committee on Ways and Means
Student Achievement Committee
Hawaii State Capitol
Honolulu, HI 96813

RE: SB 2822, SD 1 - Relating to Asthma

Dear Chair Dela Cruz and Members of the Committee,


The Special Education Advisory Council (SEAC) supports the intent of SB 2822, SD 1 which requires the Department of Education to offer asthma instruction to students and provide mandatory asthma training to teachers and other staff who interact with students. This bill would also make asthma education available to parents and guardians at no cost.

Asthma is a chronic health issue affecting roughly one in ten school age children in Hawaii. The prevalence is even higher for students with disabilities (as high as 16% according to a 2020 article reported in the JAMA Network Open) leading to an increased risk of chronic absenteeism and poor academic performance.

Having school faculty trained in what triggers asthma attacks and how to respond to emergencies helps to ensure that students are receiving timely interventions that will spare them more serious exacerbations of their illness, if the symptoms are not properly treated. While older students may be competent to manage their symptoms, younger students and students with disabilities often need adult guidance or intervention to ensure a good resolution of an asthma attack.

Mahalo for the opportunity to express our support for this legislation.

Respectfully,


Martha Guinan
Chair

COMMITTEE ON WAYS AND MEANS

Senator Donovan M. Dela Cruz, Chair

Senator Gilbert S.C. Keith-Agaran, Vice Chair

February 23, 2022 – 10:05 am

TESTIMONY IN SUPPORT OF SB 2822, SD1, RELATING TO ASTHMA

The American Lung Association is the leading organization working to save lives by improving lung health and preventing lung disease, through research, education, and advocacy. The work of the American Lung Association in Hawaii and across the nation is focused on four strategic imperatives: to defeat lung cancer; to improve the air we breathe; to reduce the burden of lung disease on individuals and their families; and to eliminate tobacco use and tobacco-related diseases.

The American Lung Association strongly supports Senate Bill 2822, Senate Draft 1, relating to asthma. The bill would provide training to all Hawai‘i teachers within the Department of Education on asthma and optional trainings for students with asthma and their parents.

Asthma is a serious public health concern in Hawai‘i. In 2018, 10.2% of Hawai‘i children were estimated to have asthma compared to 7.5% of children in the U.S. as a whole.¹ In Hawai‘i, disparities in asthma prevalence are seen in race/ethnicity and region, with Native Hawaiians being disproportionately affected by asthma and experiencing the greatest burden. Native Hawaiians have the highest asthma prevalence at 28.3% compared to Caucasians (17.1%), Chinese (16.4%), Filipino (20.5%), Japanese (17.7%), or other races/ethnicities (19.8%).² Areas with high asthma prevalence include Hawai‘i and Maui counties and the Nānākuli/Wai‘anae sub-county areas on O‘ahu. Asthma disparities can be further exacerbated by geographic isolation, lack of transportation to and from doctor’s appointments, lower socioeconomic status, and limited access to healthcare specialists and subspecialists.

The Centers for Disease Control and Prevention recommend that schools provide asthma education for students, parents, and school staff as part of creating [Asthma Friendly Schools](#). It further states that “asthma is a leading chronic illness among children and adolescents in the United States. It is also one of the leading causes of school absenteeism. On average, on in ten children are likely to have asthma. Low-income populations, minorities, and children living in inner cities experience more emergency department visits, hospitalizations, and deaths due to asthma than the general population.”

Absenteeism due to poorly controlled asthma may negatively affect educational outcomes and limit students with asthma’s ability to fully participate in school activities, and when children miss school, a parent or guardian often misses work to care for them. Addressing asthma effectively requires a coordinated effort among school staff, home/family members, and the primary care physician in order to improve health outcomes for children with asthma.

Several studies have been published demonstrating that school-based interventions for teachers, students, and parents help reduce the negative outcomes of asthma. A 2008 study funded by the CDC and published in the Journal of School Health

¹ CDC, Risk Youth Behavioral Survey, Hawaii, 2019

² Uchima O, Taira DA, Ahn HJ, Choi SY, Okihiro M, Sentell T. Disparities in Potentially Preventable Emergency Department Visits for Children with Asthma among Asian Americans, Pacific Islanders, and Whites in Hawai‘i. International Journal of Environmental Research and Public Health. 2021

revealed that school-based asthma curriculum helped to reduce symptoms, activity limitations, and health care utilization for intervention participants.³

We have the opportunity to help children with asthma, their families, and the teachers that are responsible for their wellbeing. Because of the lack of healthcare personnel in schools, it's imperative that DOE teachers receive adequate training on one of the most common childhood diseases.

We ask you to please support SB 2822, Senate Draft 1, and help create a net of safety for our most vulnerable keiki.



Pedro Haro
Executive Director
American Lung Association in Hawaii
pedro.haro@lung.org

³ Herman, E.J., Garbe, P.L. & McGeehin, M.A. Assessing Community-Based Approaches to Asthma Control: The Controlling Asthma in American Cities Project. J Urban Health 88, 1–6 (2011).

SB-2822-SD-1

Submitted on: 2/22/2022 8:41:10 AM

Testimony for WAM on 2/23/2022 10:05:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Alec Marentic	Testifying for Hawai'i Association of School Psychologists	Support	No

Comments:

The Hawai'i Association of School Psychologists supports this bill.

TO: Senate Committee on Ways and Means
Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair

DATE: Wednesday, February 23, 2022
TIME: 10:05 AM
PLACE: Conference Room 211 & Videoconference

TESTIMONY IN SUPPORT OF SB 2822, SD 1, RELATING TO ASTHMA

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee,

My name is Cynthia J. Goto, and I am writing to express my support for Senate Bill 2822, relating to asthma. This bill provides the support that children with asthma need by having all Department of Education teachers trained on asthma education, one of the most common chronic childhood diseases in Hawaii.

According to the Centers for Disease Control and Prevention (CDC), on average, in a classroom of 30 children, about 3 are likely to have asthma. Low-income populations, Native Hawaiians, and children living near traffic intersections experience more emergency department visits, hospitalizations, and deaths due to asthma than the general population.

It is possible to live well with this chronic disease. The National Institutes of Health Expert Panel Report 3 Guidelines include evidence that comprehensive school-based educational interventions can be effective in improving the health and quality of life for students with asthma.¹ The CDC Coordinated School Health model emphasizes a school-wide approach that includes asthma-friendly policies such as the provision of asthma education and awareness programs for students and staff.² This bill would allow our state to be in-line with CDC recommendations.

Please support Senate Bill 2822, SD 1 to ensure that our children with asthma have the best chance to thrive in all environments.

Thank you,

Cynthia J. Goto

¹ National Institutes of Health Expert Panel Report 3 (EPR 3). Guidelines for the Diagnosis and Management of Asthma. Publication No. 08-5846, July 2007.

²Strategies for Addressing Asthma in Schools. National Center for Environmental Health, Division of Environmental Hazards and Health Effects. January 2017.
https://www.cdc.gov/asthma/pdfs/strategies_for_addressing_asthma_in_schools_508.pdf

SB-2822-SD-1

Submitted on: 2/20/2022 11:19:11 PM

Testimony for WAM on 2/23/2022 10:05:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Cheri Richards	Individual	Support	No

Comments:

I am in support of SB2822. I believe that to best support children who have asthma, DOE school administration, health aide nurses, as well as teachers, should be trained on how to assist and support the families whose children have asthma. I also believe that children should be trained on how to better take care of themselves and understand the triggers when an asthma attack is about to happen. When everyone collaborates together for the same reason. Success and growth is acheiveable.

Mahalo for your time and for supporting this bill.

Cheri Richards

SB-2822-SD-1

Submitted on: 2/21/2022 7:25:31 PM

Testimony for WAM on 2/23/2022 10:05:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Jerris Hedges	Individual	Support	No

Comments:

Aloha Ways & Means Committee Senators,

SB 2822 SD1 provides for school-based education related to asthma. As this condition is a major cause of missed days of education and disproportionately impacts Native Hawaiians, it is wise to provide this education which is known to reduce asthma episodes in Hawaii public schools with the support of the DOE. The American Lung Association - Hawaii strongly supports this bill, as does the University of Hawaii John A. Burns School of Medicine.

Jerris R Hedges, MD

Dean, UH John A. Burns School of Medicine

Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair
Members of the Committees on Ways and Means

TESTIMONY IN SUPPORT OF SB 2822, SD 1, RELATING TO ASTHMA

My name is Julian Lipsher, a member of the American Lung Association of Hawaii's Local Leadership Board testifying in Support of SB 2822, SD 1, Relating to Asthma.

This bill provides needed support that children with asthma need through the provision of training for Department of Education teachers and other personnel along with optional education for children with asthma on management of the disease.

According to the Centers for Disease Control and Prevention (CDC), 10.2 % of Hawaii's children were estimated to have asthma compared to 7.5% of children in the US. Asthma can be managed through early identification with primary care health professionals, support to parents and families and proper accessible medications.

In school situations, critical training for school personnel would support early intervention which can prevent needless and expensive calls to 911 resulting in hospital transports or to working parents needing to come and pick up the child. It is estimated that in an average classroom of 30 students, there are about 3 children with either diagnosed or undiagnosed asthma.

In Hawaii, cases of asthma are more often found in low income populations, particularly those without primary care involvement and disproportionately among Native Hawaiian and Pacific Islanders. Further, environment plays a role with susceptibility occurring among children living in or near high traffic areas.

CDC recommends that schools provide asthma education for students with asthma and for school staff, parents and families. This bill would align Hawaii with CDC recommendations.

Thank you for the opportunity to testify on this important measure.

COMMITTEE ON WAYS AND MEANS
Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair

February 23, 2023, 3:30pm, 10:05 AM, Videoconference

TESTIMONY IN SUPPORT OF SB 2822, SD 1, RELATING TO ASTHMA

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committees,

My name is Troy Siruno and I am writing to express my support for Senate Bill 2822, Senate Draft 1, relating to asthma. This bill provides the needed support that children with asthma need by having all Department of Education teachers trained on asthma education, one of the most chronic childhood diseases in Hawaii.

While we understand that the Department of Education is taxed with a variety of roles, because of the nature of asthma, it's important that all people that work with children understand what asthma is, how to react during an asthma emergency, and what may trigger asthma attacks. This is particularly important for young children who make up the majority of asthma-related emergency room visits. While many older children may carry inhalers and need little help when they have an asthma attack because they can identify triggers and use their inhalers themselves, younger children may need the help of a teacher to get through an asthma attack.

I had mild asthma as a young child, and many of my nieces and nephews also had asthma growing up. It would provide incredible peace of mind to know that teachers in the DOE were trained to recognize and react appropriately if a child has an asthma attack at school.

According to the Centers for Disease Control and Prevention (CDC), on average, in a classroom of 30 children, about 3 are likely to have asthma. Low-income populations, Native Hawaiians, and children living near traffic intersections experience more emergency department visits, hospitalizations, and deaths due to asthma than the general population. CDC also recommends that schools provide asthma education for students with asthma and education programs for students, school staff, parents, and families. This bill would allow our state to be in-line with CDC recommendations.

It takes a village to raise a child, and schools are part of the village that helps foster the learning and healthy environment that our keiki need to thrive. We ask you to please support Senate Bill 2822 to ensure that our children with asthma have the best fighting chance to thrive in all environments.

Mahalo,

Troy Siruno
Honolulu, HI
tsiruno@gmail.com