

Incidents of the Use of Auto-Injectable Epinephrine

(Pursuant to PA 221 of 2015, MCL 333.17744d)

December 31, 2018

Prepared by

Cheryl Wykoff Pezon, Director

Bureau of Professional Licensing

Reporting Period: January 1, 2018 to December 31, 2018



**RICK SNYDER
GOVERNOR**



**SHELLY EDGERTON
DIRECTOR**

Table of Contents

Section 1: Summary of Legislative Reporting Requirements.....	2
Section 2: Background.....	2
Section 3: Auto-Injectable Epinephrine Report.....	2

Section 1: Summary of Legislative Reporting Requirements

The report in Section 3 fulfills the legislative reporting requirements pursuant to MCL 333.17744d (6), in which the Department of Licensing and Regulatory Affairs (LARA) is required to report the following information regarding the administration of auto-injectable epinephrine by authorized entities:

- *An authorized entity shall submit to the department, on a form prescribed by the department, a report of each incident on the premises of or in connection with the conduct of the business or activity of the authorized entity that involves the administration of auto-injectable epinephrine. The department shall annually publish a report that summarizes and analyzes all reports submitted to it under this subsection.*

Pursuant to statute, this report has been prepared to meet the annual reporting requirement. In addition, this report is also online under the following locations:

- The Bureau of Professional Licensing (BPL) website at: www.michigan.gov/bpl.
- The All About LARA Section – Legislative Reports of the Department of Licensing and Regulatory Affairs website at: www.michigan.gov/lara.

Section 2: Background

Public Act 221 of 2015, which went into effect on March 16, 2016, allows physicians to prescribe auto-injectable epinephrine to the following authorized entities: public and private schools, recreation camps, youth sports leagues, amusement parks, religious institutions, sports arenas, and other locations where allergens causing anaphylaxis may be present. An authorized entity that administers an epinephrine injector to an individual experiencing anaphylaxis, must submit to LARA a completed *Report on the Administration of Auto-Injectable Epinephrine* for each incident involving the administration of auto-injectable epinephrine on the premises of or in connection with the conduct of the business or activity of the authorized entity.

Section 3: Auto-Injectable Epinephrine Report

From January 1, 2018 to December 31, 2018, LARA received eight completed *Report on the Administration of Auto-Injectable Epinephrine* reports. Summaries of the eight incidents detailed in the completed reports are as follows:

- On January 18, 2018, a 19-year-old, female student, at Anchor Bay High School, in Fairhaven, Michigan, consumed an orange during lunch. After consuming the orange, the student developed a rash, began to itch, and said her throat was closing. The student was given two Benadryl, totaling 50mg, and administered epinephrine. School staff contacted 911, and the student was transferred to the emergency room.
- On February 22, 2018, a 10-year-old, female student, at Public Schools of Calumet-Laurium-Keweenaw, in Calumet, Michigan, consumed tree nuts. The student walked to the nurse's office after lunch, and told the school nurse that her throat was

scratchy. The nurse was unaware of any allergies with the student and caller her parents, who explained that the student was allergic to tree nuts. The student's dad instructed the school nurse to give the student Benadryl, which the school nurse did, in a 25 mg dose. Approximately twenty minutes after this, the student began to experience difficulty breathing, and the student was administered epinephrine. Within 10 to 15 minutes of administration, the student explained that she was feeling much better and her throat no longer itched. It was determined that the student's father could get her to the hospital in the quickest manner, so the staff allowed to student's father to take her to the emergency room.

- On February 28, 2018, a 12-year-old, female student, at Niles Community Schools, in Niles, Michigan, consumed chocolate cake that contained almonds. The child experienced red blotches on her body, and throat swelling, and was subsequently administered auto-injectable epinephrine. School staff contacted 911, however the child was not transferred to the emergency room.
- On March 14, 2018, a 17-year-old, female student, at Bloomfield Hills School District, in Bloomfield Hills, Michigan, accidentally consumed cashews. The student began to experience tingling and itchiness on her lips and in her throat. The student's lips and throat began to swell, and the student's mother instructed staff to call 911 and administer epinephrine. The student was administered epinephrine, and her mother took her to the doctor.
- On April 19, 2018, an 11-year-old, male student, at Dexter Community Schools' Creekside Intermediate School, in Dexter, Michigan, consumed an unknown allergen. The student began wheezing and using accessory muscles to breathe. The symptoms progressed to swelling of the child's face, eyes, and throat, while a rash appeared on the child's neck and spread to his chest and arms. As the child's coughing grew worse, and it became more difficult to breathe, an epinephrine pen was administered to the child's right thigh, and 911 was called. The child was transported to the emergency room via ambulance.
- On October 5, 2018, a 5-year-old, female student, at Dexter Community Schools' Cornerstone Elementary, in Dexter, Michigan, consumed an unknown allergen. The student's eyes became extremely swollen on the playground, while developing a cough. A wheeze developed while a rash began to appear on the child's neck and back. Epinephrine was administered to the child's right thigh, and 911 was called. The child was transferred to the emergency room via ambulance.
- On December 6, 2018, an 11-year-old, female student, at Bangor Public Schools' Middle School, in Bangor, Michigan, came into contact with peanuts, when during horseplay, a student spread their peanut butter on the student with a peanut allergy. The student soon experienced hives and a rash. The school's registered nurse administered epinephrine after observing hives over the child's face, neck, and upper chest. School staff contacted 911 and EMS transported the child to the emergency room.

- On December 17, 2018, a 15-year-old, female student, at Swartz Creek High School, in Swartz Creek, Michigan, came into contact with an unknown allergen, and arrived at the school's administrative office with hives, itching, and swollen lips. School administrative staff administered epinephrine, called the student's mother, and dialed 911. The child was eventually transported to an emergency room by her mother.