### Contents

*Setting the Stage for Healthy Food and Beverages in Schools*

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Summary</td>
<td>1</td>
</tr>
<tr>
<td>Introduction</td>
<td>2</td>
</tr>
<tr>
<td>Background</td>
<td>3</td>
</tr>
<tr>
<td>References</td>
<td>6</td>
</tr>
<tr>
<td>Members of the Food and Nutrition in Nova Scotia Schools Policy Work Group</td>
<td>8</td>
</tr>
</tbody>
</table>
“A secure, healthy environment supporting physical activity, healthy eating, and emotional well-being needs to be created alongside academics. Academic achievement cannot happen without these.” – Junior High School Principal

From: Food and Nutrition in Nova Scotia Schools, An Environmental Scan of Key School Informants, Nova Scotia Health Promotion, June 2004
Executive Summary

The Food and Nutrition Policy for Nova Scotia Public Schools outlines standards for foods and beverages that can be served and sold in schools. In addition, it promotes nutrition education in the curriculum, encourages community partnerships, and provides a supportive environment for healthy choices. It is designed to complement the efforts of other settings, including those of the home and larger community, to support healthy eating.

The Food and Nutrition Policy for Nova Scotia Public Schools is intended to increase access to and enjoyment of health promoting, safe, and affordable food and beverages, served and sold in Nova Scotia public schools.

The objective is to make the healthy food and beverage choice the easy choice in the school setting.

The policy contains 12 directives related to:

- Food and Beverages Served and Sold in Schools
- Clean Drinking Water
- Food and Nutrition Programming
- Pricing
- Fundraising
- Special Functions
- Promotion and Advertising
- Use of Food as a Reinforcer
- Students Who May be Vulnerable
- Portion Sizes
- Food Safety
- Nutrition Education

It also provides five guidelines related to time to eat, use of Nova Scotia produce and products, food packaging and environmental consciousness, role models, and school partnerships and commitment. The policy will be phased in beginning September 2006, with full implementation expected by June 2009.

The accompanying Food and Beverage Standards for Nova Scotia Public Schools provide criteria and suggestions for decisions about the food and beverages served and sold in schools. The standards are based on Canada’s Food Guide to Healthy Eating and Canada’s Nutrient Content Claims and consist of three categories of food and beverages: those of Maximum Nutrition, which can be served or sold daily, Moderate Nutrition, which can be served or sold occasionally (no more than two times per week or make up no more than 30 per cent of choices at one location), and Minimum Nutrition, which may be served or sold once or twice a month as part of Special Functions. The policy and standards are not intended to apply to, or to be used to evaluate, food and beverages brought for lunch or snacks from the home.

The Food and Nutrition Policy for Nova Scotia Public Schools recognizes that education and health go hand in hand. Children and youth need healthy foods to learn, grow, develop, and be physically active. Statistics for Nova Scotia children, youth, and adults tell a story of poor eating habits, increasing rates of overweight and obesity, and high levels of inactivity. Left unchecked, this situation presents both short- and long-term poor health and education outcomes that begin during the school-age years and continue to adult life.

The Department of Education and its many partners believe that healthy eating, active living, and other health-promoting behaviours, as part of Health Promoting Schools programs, are important investments in children and youth. The Food and Nutrition Policy for Nova Scotia Public Schools is part of the larger provincial plan for Health Promoting Schools programs, Healthy Eating Nova Scotia, Learning for Life II: Brighter Futures Together, and other healthy-living initiatives for young Nova Scotians.
Introduction

The Food and Nutrition Policy for Nova Scotia Public Schools describes standards for foods and beverages served and sold in schools. It also helps promote nutrition education in the curriculum, encourages community partnerships, and provides a supportive environment for healthy choices. The policy complements the efforts of other settings, including the home and larger community, to support healthy eating. Learning about nutrition in the classroom is most effective when it is reinforced with health-promoting environments that provide opportunities for students to practise what they learn.

Eating well, being active, and making informed choices for health takes more than willpower. Nutrition policies and programs supportive of healthy choices for the entire school community—students, staff, volunteers, and their families—can help ensure that the healthy choice is the easy choice to make in school settings.

The Food and Nutrition Policy for Nova Scotia Public Schools was created through partnerships. Best practices from Health Promoting Schools programs have shown that partnerships, along with shared goals, efforts, and responsibilities on the part of many individuals and organizations, are needed to help raise healthy, active children and youth who are ready to learn.

Partnerships are key to meeting the task of raising healthy, active children and youth who are ready to learn.

In September 2004, the Department of Education established a Food and Nutrition in Nova Scotia Schools Policy Work Group, tasked with developing the draft policy framework and guidelines. Membership included representatives of Nova Scotia Health Promotion and Protection, the Department of Agriculture, the eight school boards, administrators, teachers, dietitians and nutritionists, the Nova Scotia Teachers Union, the Nova Scotia Federation of Home and School Associations, La Fédération des parents acadiens de la Nouvelle-Écosse, the Annapolis Valley Health Promoting Schools Program, and the Cumberland County School Food Project.

A consultation draft of the Food and Nutrition Policy for Nova Scotia Public Schools was released for public feedback in September and October 2005. Focus groups were held in all eight school boards, together with sessions for students, members of the food industry, and public health staff. The consultation produced over 1,000 responses from parents, students, educators, school boards, food industry representatives, health professionals, and the public at large. The existing policy reflects the feedback from consultation as well as recommendations from the provincial policy work group. Government, non-government, and community partners, along with school boards, schools, parents, and students, continue to work together to build health-promoting school communities in Nova Scotia.
Background

Healthy foods are important during the school-age years. Healthy foods provide children and youth with the energy and nutrients necessary for growth, learning, and physical activity, as well as to develop into healthy, productive adults.

Together with the home and other settings, schools can positively influence students’ food choices and eating habits. Parents and other caregivers are the primary role models for health behaviours in children and youth. School food policies and programs can complement the efforts of parents and other caregivers to ensure proper nutrition for children and youth in the school setting.

Students have access to food and beverages in many different settings including home, schools, and the larger community in which they live, learn, work, and play. The food experiences provided by different settings, in addition to influential media messages, work together to shape eating habits and preferences. Given the amount of time children spend in school, it is not surprising that parents, children, communities, schools, and government departments recognize the school environment as one that significantly influences students’ food choices and intakes.

Nutrition, health, and learning are linked. Schools help prepare students to be healthy, productive, and responsible citizens. There is much research confirming what most educators have known for some time: that health, nutrition, and learning are linked. Healthy, nourished students who feel safe are better able to learn, perform in class, and attend school more regularly. Those who achieve higher levels of education tend to experience better health as adults.

Healthy food choices and practices have been linked with learning readiness and academic success, as well as fewer discipline and emotional problems. School breakfasts, in particular, have been shown to positively influence student performance. In the short term, missing even one meal can affect behaviour and ability to learn. On a continuous basis, poor nutrition has negative effects on motivation, alertness, attentiveness, and emotional expression.

Healthy eating can help reduce the risk of developing diseases. Healthy eating helps protect against diseases including heart disease, stroke, type 2 diabetes, osteoporosis, obesity, hypertension, dental decay, and certain cancers. Statistics tell a story of poor health and rising rates of obesity in Nova Scotia children, youth, and adults. Three nutrition-related diseases—heart disease, stroke, and diabetes—are responsible for nearly half of all deaths in the province. For the first time in history, Nova Scotia is witnessing an increase in the rate of type 2 diabetes in children and adolescents. Type 2 diabetes, which used to be referred to as adult onset diabetes, was virtually unreported in children and youth in the early 1990s.

In Nova Scotia, type 2 diabetes accounts for 16 to 18% of newly diagnosed cases among those under the age of 19 years.

In summary, the benefits of healthy eating are clear. The provision of healthy food choices in schools can positively influence students’ food choices and eating habits, thereby contributing to better health and learning outcomes.
For the first time in history we are seeing youth with diseases like type 2 diabetes and hypertension, previously diagnosed during the late adult years.

The rates of overweight and obesity have nearly tripled for Canadian children of both genders.\textsuperscript{5, 21} Children who are overweight are at increased risk of becoming obese adults and are at higher risk of early adult diseases and death.\textsuperscript{22}

If no improvements are made to body weight and eating and activity habits, this generation of adults may actually enjoy better quality of life and longer life spans than their own children!

Poor levels of physical activity have also been reported in Nova Scotia children and youth. Research conducted in Nova Scotia has shown that physical activity tends to decrease from childhood to adolescence for both girls and boys.\textsuperscript{23} By grade 11 only 8.7% of males and 5.1% of females accumulated the recommended 60 minutes of daily activity, compared with 90% of males and 92.3% of females in grade 3.\textsuperscript{23}

Nova Scotia children and youth are reported to have poor eating habits. Supporting students in making healthy food and beverage choices is more important now than ever before. A 2003 study of 5,200 grade 5 students from across Nova Scotia concluded that nutritional intake among children in Nova Scotia was relatively poor. Skipping meals and purchasing meals at school or fast-food restaurants contributed to poor intakes.\textsuperscript{27}

Canadian studies also indicate that 31% of elementary school and 62% of secondary school students do not eat breakfast daily.\textsuperscript{29} Children and adolescents who eat breakfast generally have a more nutritious diet and are more able to meet nutrient recommendations. Those who do not eat breakfast are unable to make up for nutrient deficits over the course of the day.\textsuperscript{30}

School staff can benefit from healthy eating policies and programs in the workplace. Canadians spend 60% of their waking hours at work and often eat one or more meals and snacks at work. The availability of healthy food and beverage choices in the workplace influences how people eat. Having access to healthy food and beverages during the work day provides opportunities for school staff to choose health-promoting foods that can, in the short term, maintain energy levels and concentration and, in the longer term, reduce the risk of developing nutrition-related chronic diseases.\textsuperscript{31, 32} Many workplaces in Nova Scotia, including hospitals, school board offices, government departments, and private businesses, have adopted healthy workplace plans and policies that support healthy food and beverages, as well as other positive health behaviours. The Food and Nutrition Policy for Nova Scotia Public Schools supports not only the nutritional health of students but also that of the school staff.

Poverty influences the ability to make healthy food choices. Nutritional health depends largely on the food and beverage choices made. The ability to make healthy food choices requires knowledge, cooking skills, time for food preparation, and adequate income to buy nutritious foods, among other factors. Research in Nova Scotia in 2003–2004 shows that people who live in poverty cannot afford to eat a nutritious diet no matter how carefully they choose and prepare foods. For those living in this situation, very few actual food “choices” are available.
Poverty limits the ability of parents to provide nutritious foods for their children and help them develop sound eating habits. Evidence suggests that the income-related inability to access food is growing among Nova Scotia children.33

**Food and beverages served and sold in schools should primarily be for the purposes of nourishment rather than for revenue generation.** Students need healthy foods during the school day to sustain the energy and concentration required for learning. To help ensure access to healthy food and beverages, it is important that they are affordably priced.

The promotion and sale of healthy food and beverages in school reinforces nutrition messages taught in the classroom and at home. While it is true that there are no “good” foods and “bad” foods, there are “most of the time” and “sometimes” foods. Foods and beverages of limited nutritional value (i.e., those that are high in sugars, sweeteners, fat, salt, and caffeine) can be part of a healthy pattern of eating and can add enjoyment to eating when consumed in moderation (i.e., sometimes). However, when foods and beverages of minimal nutritional value are available or promoted to students and staff at school every day, it becomes increasingly difficult to practise moderation.

School fundraising contributes valuable programs and opportunities for students. Fundraising can be complementary to the health of both students and the community by offering healthy food and beverage options or non-food items for sale. Many Nova Scotia schools have already shown that they can raise money and promote health at the same time.

**The Food and Nutrition Policy for Nova Scotia Public Schools, as part of the Health Promoting Schools program, Healthy Eating Nova Scotia, and Learning for Life II: Brighter Futures Together, is an important investment in children and youth.** Health Promoting Schools (HPS) is an approach to school-based health involving a wide range of programs, activities, and services that take place in schools and their communities. HPS enhances health education through community support and partnerships. HPS also creates supportive environments based on health promoting programs and policies. These actions are intended to develop over time and to strengthen the school community as a healthy setting for learning, playing, working, and living.34, 35 The HPS approach helps prepare students for a life of health and learning.

Released in 2005, *Healthy Eating Nova Scotia* describes a plan to address nutrition-related health issues in the province. One of the four priority areas is children and youth, and it includes increasing the availability and affordability of healthy foods in school among other settings and increasing the knowledge about food and nutrition among parents, teachers, and caregivers.33

References


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