Benefits of Farm to School



PROUD TO LEAD THE FARM TO SCHOOL MOVEMENT

Evidence from Canada

ABOUT FARM TO SCHOOL

Farm to School brings healthy local food into schools, from preschool to campus, and provides students with hands-on learning opportunities that foster food literacy, while strengthening the local food system and enhancing school and community connectedness.

Farm to School activity may differ by school, but it is always directed toward more healthy local foods on the minds and on the plates of children and youth. Farm to School models strive to include:

- **Healthy, local food in school:** Schools source local food in many ways, including through direct farmer relationships, food distributors, schoolyard farms, or the harvesting of wild or traditional foods. When local food arrives in schools it is often served in the form of a salad bar, hot lunch program, tasting activity, fundraiser, or community celebration.
- **Hands-on learning:** Step into any school offering Farm to School and you will find students learning about food in the school garden, greenhouse, kitchen or classroom. They may also be getting ready for field trips to local farms, forests, and shores.
- **School and community connectedness:** Schools establish relationships with farmers, community members, and support organizations, tapping into local knowledge, passion, skills, and resources.

TOWARD A FULL PLATE

Farm to Cafeteria Canada's School Food Map has been tracking Canadian Farm to School initiatives since 2014. Farm to School activity has been recorded in every province and territory, and is visibly gaining momentum in Canada.

Self-reported in Canada:

- 1159 Canadian schools (preschool university)
- 809,827 Canadian students
- 559 schools with gardens or greenhouses
- 572 schools cooking/preserving local, healthy foods
- 423 schools who purchase local, healthy foods
- 407 schools serving local, healthy meals
- 233 schools composting food waste
- \$16 M estimated amount spent annually on local foods



*Map data current as of September 2018

Benefits Documented in Canada



PUBLIC HEALTH

Farm to School improves student nutrition by providing easy access to healthy, local food, especially vegetables and fruits.

- ✓ Increases availability of fresh local vegetables,
- ✓ Increases students' preferences toward vegetables and fruit.7
- ✓ Increases students' willingness to try
- ✓ Increases students' consumption of
- ✓ Leads students to consume a greater variety of vegetables and fruits. 4,5,6,10
- ✓ Improves quality, freshness, taste, and nutrition of school food. 11
- ✓ Provides opportunities for moderate physical

An evaluation of a 2008/09 Farm to School Salad Bar program in BC reported that:

willing to try new fruit and vegetables, making healthier and attributed this to the farm to school salad bar initiative.

that their children knew more about food choices.

more aware about local foods.



EDUCATION AND LEARNING

Farm to School supports cross-curricular and experiential learning.

- ✓ Increases student knowledge, awareness and interest about the local food system, local foods and local farmers. 2,3,4,5,6,7,8,9,10,11,14,15,16
- ✓ Increases student knowledge, awareness and interest about nutrition and healthy eating. 2,4,6,9,12,14,15
- ✓ Enhances student skill development with respect to growing, harvesting, preparing, cooking and/or serving healthy local food. 3, 4, 5, 6, 8, 10, 16, 17, 18
- **✓** Enhances student engagement and knowledge retention across a wide range of school subjects including math and science.8
- ✓ Enables students to grow character strengths including motivation, responsibility, confidence, initiative, leadership and creativity. 8,10,12
- ✓ Increases student knowledge about careers in producing, growing, cooking, preparing, and serving food. 10

Students involved in lunch service develop skills such as proper cutting techniques. They also learn many traditional Cree food preparation techniques such as drying, smoking and roasting game such as elk, bison and deer." 18



ENVIRONMENTAL OUTCOMES

Farm to school fosters environmental stewardship amongst students and the school community, and contributes to more sustainable ecosystems.

- ✓ Supports students to connect with nature and develop eco-friendly-attitudes: Students learn to care about plants and the earth; students learn to compost. 8,12
- ✓ Increases student knowledge, awareness and interest about
- ✓ Leads students to better value environmentally sustainable food systems and to understand the impacts



COMMUNITY CONNECTEDNESS

Farm to School fosters strong relationships between schools and a wide range of partners including growers, community members and support organizations.

- ✓ Contributes to community building: strengthens relationships, including among schools, families, Elders, farmers, communities, teachers, principals, and elected representatives. 2,3,4,5,6,8,10,11,12,14,17
- ✓ Increases collaboration and synergies among partners throughout the food system. ⁶
- ✓ Creates opportunities for Elders, knowledge keepers, parents and other members of Indigenous communities to be involved with the school. 5,6
- ✓ Supports schools to source traditional foods off the land. 10,18

Perhaps the most significant factor that indicates the success of the program for me as an administrator is the presence of our aboriginal parents. It was rare that we had this population in the school prior to the establishment of the salad bar..... It brought them into the school, and they have continued to come. Elders as well have increased their presence in the school, and it has had a fantastic impact...It has led to positive relationships with some of our most vulnerable families. Food heals in many ways."

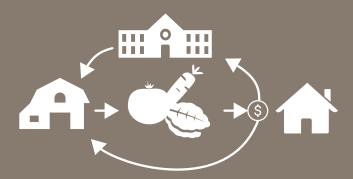
– Rick Miller, Principal Mountview Elementary School, Williams Lake, BC ⁵



ECONOMIC

Farm to School supports the sustainability of the regional food system: Buying from local producers and processors helps stimulate the local economy.

- ✓ Increases business and income for local farmers. 2,3,6,14,20,21
- ✓ Increases farmer access to new markets and new business opportunities. 2,3,11
- ✓ Enables schools to leverage additional funding opportunities. 8,10
- ✓ Supports community job creation. 8
- ✓ Increases sales of cafeteria food. ³
- ✓ Leads families to purchase more local foods at home. ¹



In 2017 Manitoba Farm to School's Healthy Choice Fundraiser engaged 209 K-12 schools and 60 licensed daycares who collectively sold 546,509 lbs of vegetables grown locally by Manitoba Farmers. The total economic impact from the campaign, which ran from September - December 2017, was \$653,200. This not only supporteding local farmers, but investeding a profit of \$326,000 back into participating schools and licensed daycares.²¹

Similarly, in its second year Nova Scotia's Nourish Your Roots healthy farm to school fundraising campaign sold 11,020 boxes of local produce to 56 schools. This generated \$330,600 in gross revenue, \$98,831 of which was invested to support schools' healthy eating initiatives, while \$198,709 was directed to local NS farmers. The remaining \$33,060 was directed back to Nourish NS for program sustainability. ²⁰

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Farm to School: Canada Digs In! is a multi-sectoral chronic disease prevention initiative lead by Farm to Cafeteria Canada in partnership with the Social Planning and Research Council of British Columbia, the Public Health Agency of Canada, Whole Kids Foundation, Meal Exchange, Heart and Stroke Foundation of Canada, Food First Newfoundland, New Brunswick Department of Agriculture, Aquaculture and Fisheries, Equiterre, Sustain Ontario and the Public Health Association of British Columbia.