



Nova Scotia (NS)

Population: 971,395

Number of K-12 Schools: 371

Number of K-12 Students: 123,239

Number of K-12 E-Learning Programs: 2

Number of K-12 E-Learning Students: ~106,627

Governance and Regulation

The provision of distributed learning (i.e., distance education and online learning) through the Nova Scotia Virtual School (NSVS) is governed by the eleven provisions included in the agreement between the Government of Nova Scotia and the Nova Scotia Teachers Union. This collective agreement defines distributed learning as:

a method of instruction that relies primarily on communication between students and teachers through the internet or other electronic-based delivery, teleconferencing, video conferencing or e-correspondence. It allows teachers, students, and content to be located in different, non-centralized locations so that instruction and learning can occur independent of time and place. (Government of Nova Scotia, 2017, p. 56)

In addition to defining distributed learning, there are several clauses related to distributed learning teacher working conditions (e.g., requirement that the teacher be certified; requirement that distributed learning be considered part of the teacher's formal workload; maximum distributed learning class size; mandated professional development for distributed learning teachers; and distributed learning school day can be different, must be equivalent).

Further, the collective agreement outlines a number of responsibilities for the schools and/or school boards that choose to operate distributed learning programs:

- schools must have student supervision at the local level when students are engaged in distributed learning;
- schools must have a local distributed learning coordinator; and
- if the course exists in the student's local school, they must receive approval from the school in order to take the course in a distributed learning environment.

Finally, there is a clause that creates a formal mechanism to allow for consultations between distributed learning program operators and the union through a provincial advisory committee.

In 2015, the Nova Scotia Action Plan for Education made additional commitments to the growth of online and blended learning, including providing NSVS students with flexible options and teaching support, classroom students with access to NSVS courses and the option to bring their own devices to school to do so. The plan also called for online learning opportunities for middle school students to prepare them for online courses in high school.

K-12 Distance and Online Learning Activity

The Learning Resources and Technology Services division of the Education Innovation, Programs and Services branch of the Department of Education and Early Childhood Development manages distance education programs in Nova Scotia and works cooperatively with a Management Board representing all Regional Centres for Education and *Conseil scolaire acadien provincial*.

There are two distance education programs in the province. First, the NSVS provided online courses to approximately 1,407 students from the seven English-speaking regional centres and the *Conseil scolaire acadien provincial* during the 2019-20 school year. Second, the correspondence studies program provided courses to 834 students enrolled in courses through the correspondence study program (approximately half of whom are adult students, home-schooled students or students living outside of Nova Scotia). Currently, work is ongoing to transition these correspondence courses to an online delivery format.

K-12 Blended Learning Activity

There were also a number of blended learning initiatives that are being implemented in the school system. For example, *Google Apps for Education (G-Suite)* is now available to all students, teachers, and administrators province-wide and there are 120,000 students that have accounts. In addition, all grade 9 students participate in a blended learning component on financial literacy as part of the Citizenship Education 9 course. Further, the Department provides a blended learning platform through the *Moodle* learning management system that was extensively used in classrooms around the province to support instruction as well as to support professional learning communities for teachers.

Emergency Remote Teaching

Schools closed on March 15, 2020 and remote teaching began on April 8. The Ministry released five learning packages available for download for each grade level April 8 and June 3. The Ministry also provided a limited number of devices and connectivity primarily for high school students, as well as non-digital resources. There were attendance expectations and students continued to be assessed on work completed throughout the school year. The school year ended as scheduled.