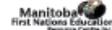# State of the Nation:
# K-12 E-Learning in Canada

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# State of the Nation

# K-12 eLearning in Canada

The purpose of this comprehensive study is to examine the current state of all forms of K-12 e-learning (i.e., distance, online and blended learning) in Canada. The *State of the Nation: K-12 E-Learning in Canada* study updates the provincial, territorial, and federal governance and activity of K-12 e-learning in each jurisdiction, along with providing vignettes to illustrate a variety of those individuals and programs providing these e-learning opportunities.

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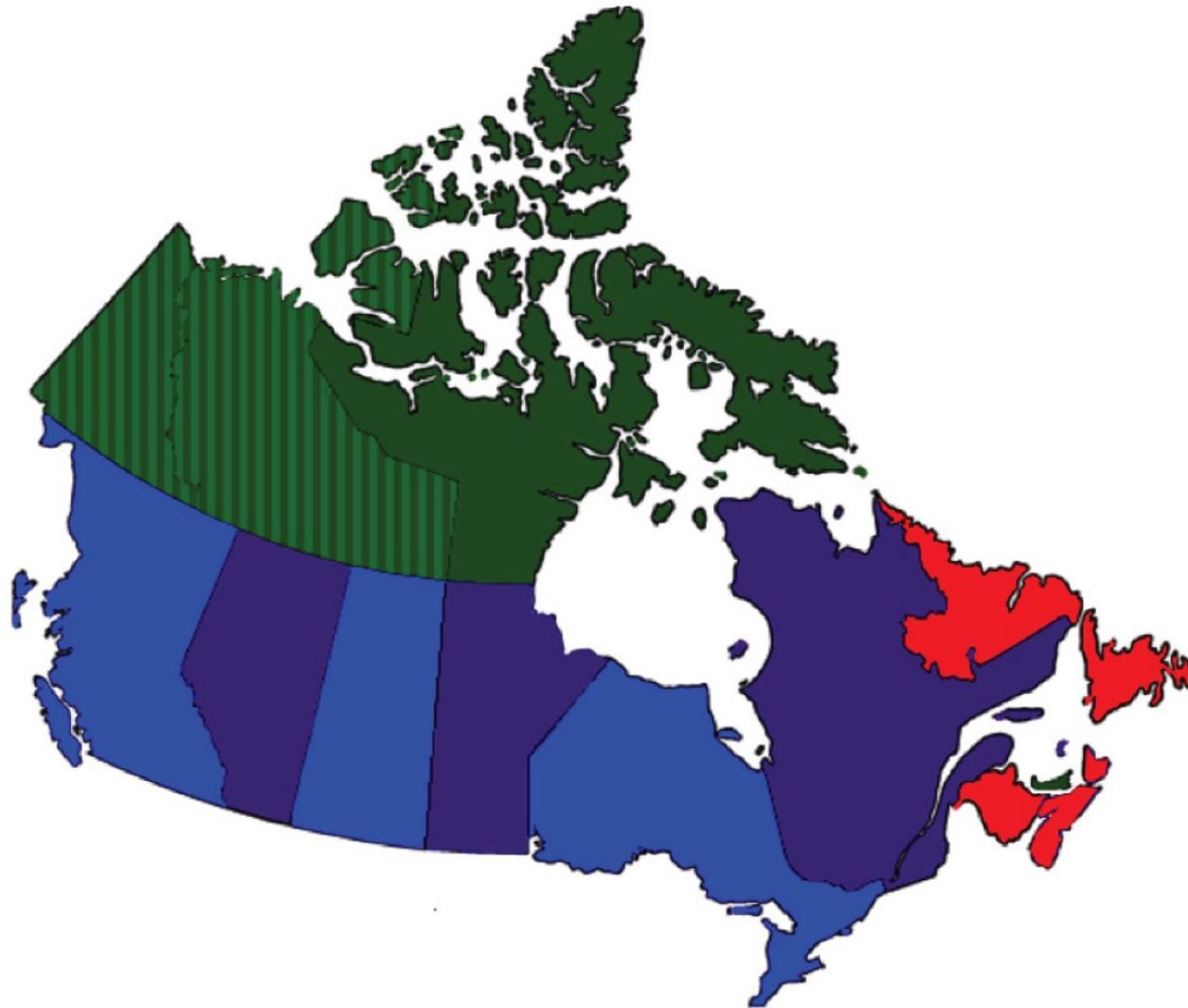
# Methodology

*Table 1*. Data collection sources for the State of the Nation: K-12 E-Learning in Canada

| Jurisdiction | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| NL | KS / DA | MoE / DA | DA | MoE | DA | MoE / DA | MoE / DA | MoE | MOE / KS / DA |
| NS | DA | MoE / DA | MoE / DA | MoE / DA | MoE / DA | MoE | MoE | MoE | MoE |
| PE | DA | KS / DA | MoE | MoE | MoE | MoE | MoE | MoE | MoE |
| NB | DA | MoE / DA | MoE | MoE / DA | MoE | MoE | MoE | MoE | MoE |
| QC | KS | KS / DA | MoE / KS | MoE / KS | MoE / KS | MoE / KS | MoE | MoE | MoE / KS |
| ON | KS / DA | KS / DA | KS / DA | MoE / DA | MoE / DA | MoE / KS | MoE / KS | KS / DA | KS / DA |
| MB | KS | MoE / DA | MoE | MoE | MoE | MoE | MoE | MoE | MoE |
| SK | KS / DA | MoE | MoE | MoE / KS | MoE / KS | MoE / KS | MoE | MoE | MoE / KS |
| AB | DA | KS / DA | KS / DA | MoE | MoE / DA | MoE / DA | MoE / KS | MoE | MoE / DA |
| BC | MoE / DA | MoE / DA | MoE | MoE | MoE | MoE | MoE | MoE | MoE |
| YT | DA | KS / DA | MoE / DA | MoE | MoE | MoE | MoE | MoE | MoE / KS |
| NT | DA | MoE / DA | DA | MoE | MoE | MoE | MoE | MoE | MoE |
| NU | DA | MoE | MoE | MoE | MoE | MoE | MoE / KS | MoE / KS | KS / DA |
| Federal | - | - | - | - | - | AANDC / KS / DA | AANDC / KS | INAC / KS | INAC / KS |

MoE – Ministry of Education; KS – Key stakeholders; DA – Document analysis; AANDC – Aboriginal Affairs & Northern Development Canada/INAC – Indigenous and Northern Affairs Canada

# National Overview



**Single provincial program**
**Primarily district-based programs**
**Combination of provincial and district-based programs**
**Use online learning programs from other provinces**

# Atlantic Canada



**Single provincial program**

**Primarily district-based programs**

**Combination of provincial and district-based programs**

**Use online learning programs from other provinces**

# Quebec



**Single provincial program**
**Primarily district-based programs**
**Combination of provincial and district-based programs**
**Use online learning programs from other provinces**

# Ontario



**Single provincial program**
**Primarily district-based programs**
**Combination of provincial and district-based programs**
**Use online learning programs from other provinces**

# Prairies



**Single provincial program**
**Primarily district-based programs**
**Combination of provincial and district-based programs**
**Use online learning programs from other provinces**

# British Columbia



**Single provincial program**
**Primarily district-based programs**
**Combination of provincial and district-based programs**
**Use online learning programs from other provinces**
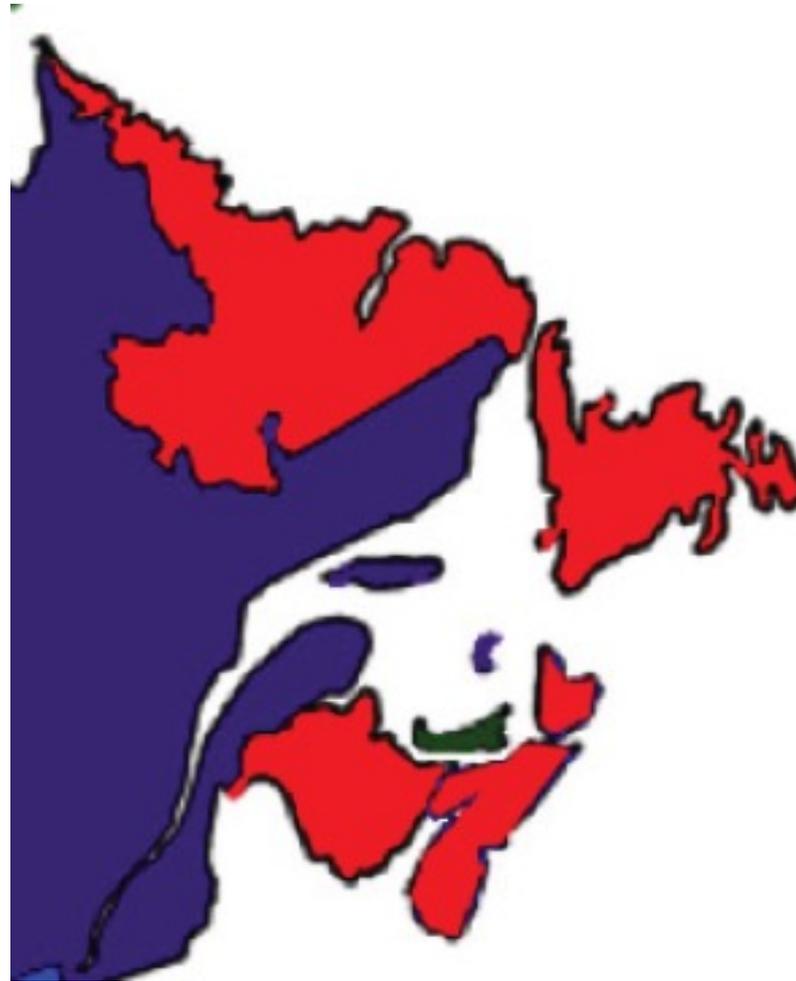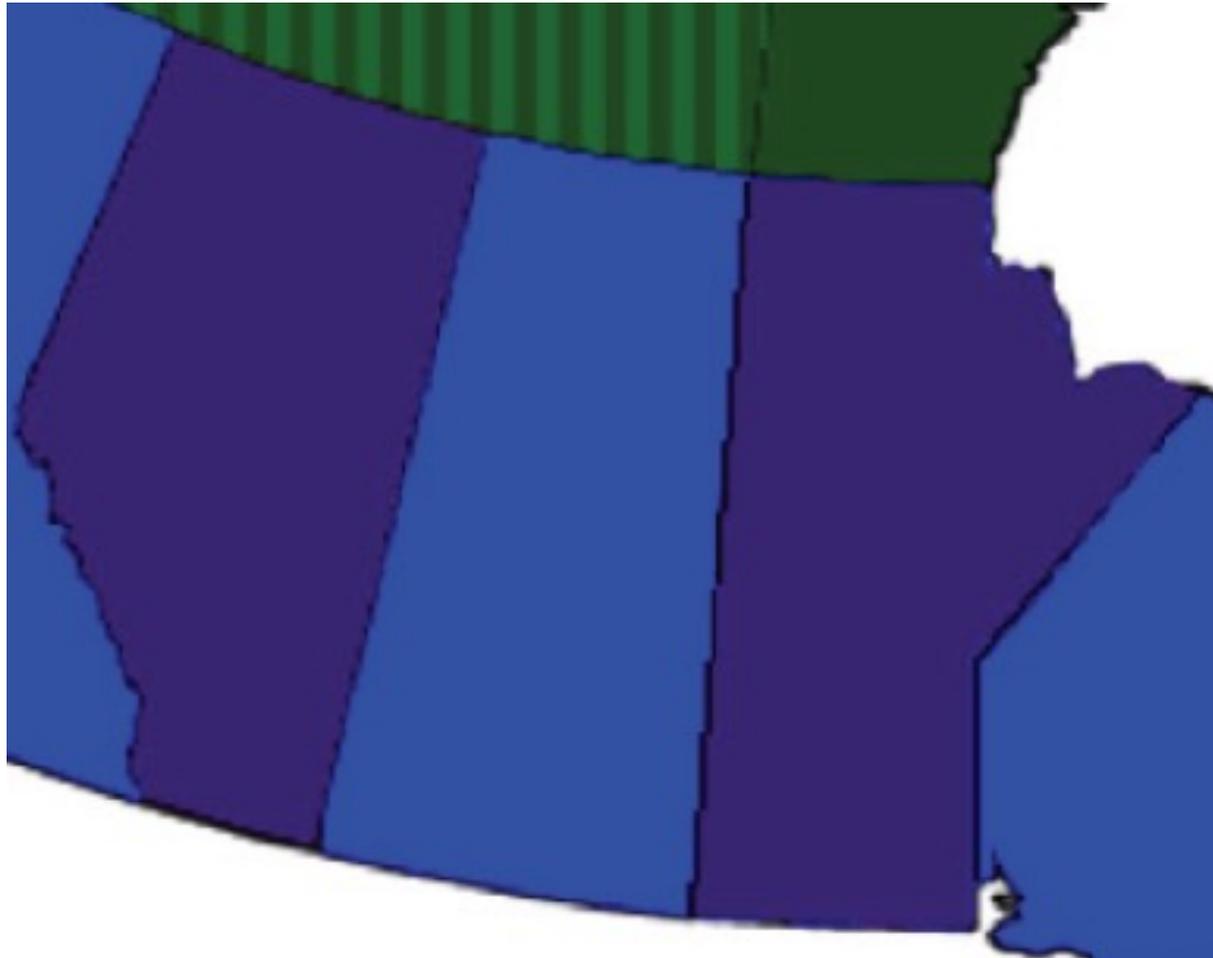
# Northern Canada



Single provincial program
Primarily district-based programs
Combination of provincial and district-based programs
Use online learning programs from other provinces

# Distance & Online Learning

*Table 3.* Summary of the K-12 distance and online learning activity by jurisdiction for 2015-16

| Jurisdiction | # of K-12 students | # enrolled in distance education | Percent involvement |
|---|---|---|---|
| NL | 66,800 | 1,105 | 1.7% |
| NS | 119,383 | ~2,500 | 2.1% |
| PE | 20,131 | 89 | <0.1% |
| NB | 98,906 | 2,527 | 2.5% |
| QC | 1,003,322 | ~41,000 | 4.1% |
| ON | 2,003,253 | ~94,500 | 4.7% |
| MB | 183,304 | ~8,000 | 4.4% |
| SK | 176,301 | ~12,000 | 6.8% |
| AB | 691,876 | ~60,000 | 8.7% |
| BC | 635,037 | 69,735 | 11.0% |
| YT | 5,122 | 149 | 2.9% |
| NT | 8,367 | 81 | 1.8% |
| NU | 9,728 | 325 | 3.3% |
| Federal | ~108,000 | 1,390 | 1.3% |
| *Total* | *5,129,530* | *293,401* | *5.7%* |

# Distance & Online Learning

*Table 4.* Summary of the K-12 distance and online learning activity over the past three years

| Jurisdiction | 2013-14 | | | 2014-15 | | 2015-16 | |
|---|---|---|---|---|---|---|---|
| | # enrolled in distance education | Percent involvement | | # enrolled in distance education | Percent involvement | # enrolled in distance education | Percent involvement |
| NL | 884 | 1.3% | | 947 | 1.4% | 1,105 | 1.7% |
| NS | ~2,720 | 2.2% | | ~2,300 | 1.9% | ~2,500 | 2.1% |
| PE | 108 | 0.5% | | 44 | <0.1% | 89 | <0.1% |
| NB | 2615 | 2.6% | | ~2455 | 2.4% | 2,527 | 2.5% |
| QC | ~32,856 [1] | 2.5% | | ~43,736 | 3.9% | ~41,000 | 4.1% |
| ON | 78,095 | 3.9% | | ~87,000 | 4.3% | ~94,500 | 4.7% |
| MB | ~10,200 [1] | 5.6% | | ~8,000 [1] | 4.4% | ~8,000 | 4.4% |
| SK | ~10,000 | 5.8% | | ~11,000 [1] | 6.3% | ~12,000 | 6.8% |
| AB | ~75,000 | 12.2% | | ~75,000 | 11.4% | ~60,000 | 8.7% |
| BC | 77,912 | 12.3% | | 78,499 | 12.4% | 69,735 | 11.0% |
| YT | 182 | 3.5% | | 421 | 8.2% | 149 | 2.9% |
| NT | 228 | 2.8% | | 150 | 1.8% | 81 | 1.8% |
| NU | 33 | <0.1% | | 96 | 1.0% | 325 | 3.3% |
| Federal | ~1,800 | 0.1% | | ~2,000 | 1.9% | 1,390 | 1.3% |
| Total | 290,185 [1] | 5.4% | | 311,648 [1] | 6.0% | 293,401 | 5.7% |

[1] Adjusted from previous published reports based on updated information

# Distance & Online Learning

Table 5. K-12 distance and online learning student enrollment in Canada

| Year | # of distance education students | % of students engaged in distance education |
|---|---|---|
| 1999-2000 | ~25,000 | 0.5% |
| 2008-09 | ~140,000 | 2.7% |
| 2009-10 | 150,000-175,000 | 2.9%-3.4% |
| 2010-11 | 207,096 | 4.2% |
| 2011-12 | 245,252 | 4.9% |
| 2012-13 | 284,963 | 5.2% |
| 2013-14 | 290,185 | 5.4% |
| 2014-15 | 311,648 | 6.0% |
| 2015-16 | 293,401 | 5.7% |

# Blended Learning

*Table 7.* Summary of estimated K-12 blended learning activity over the past two years

| Jurisdiction | 2014-15 | | 2015-16 | |
|---|---|---|---|---|
| | # engaged in blended learning | Percent involvement | # engaged in blended learning | Percent involvement |
| NL | 9360* | 14% | 10,905* | 16% |
| NS | 54,000** | 45% | 95,500** | 80% |
| PE | *** | - | *** | - |
| NB | 5208 | 5% | 4171** | 4% |
| QC | 36,500** | 3% | 44,500** | 4% |
| ON | 237,930** | 12% | 237,930** | 12% |
| MB | *** | - | *** | - |
| SK | *** | - | *** | - |
| AB | *** | - | *** | - |
| BC | *** | - | 8278**** | 1% |
| YT | 379 | 7% | 653 | 13% |
| NT | *** | - | *** | - |
| NU | *** | - | *** | - |
| Federal | *** | - | *** | - |
| Total | 343,377 | 6.6% | 401,937 | 7.8% |

\* Estimate based on existing data

\** Data provided by Ministry

\*** Unable to estimate level of activity

\**** Data extracted from individual program survey response

# Better Data

Table 1. Data collection sources for the State of the Nation: K-12 E-Learning in Canada

| Jurisdiction | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| NL | KS / DA | MoE / DA | DA | MoE | DA | MoE / DA | MoE / DA | MoE | MOE / KS / DA |
| NS | DA | MoE / DA | MoE / DA | MoE / DA | MoE / DA | MoE | MoE | MoE | MoE |
| PE | DA | KS / DA | MoE | MoE | MoE | MoE | MoE | MoE | MoE |
| NB | DA | MoE / DA | MoE | MoE / DA | MoE | MoE | MoE | MoE | MoE |
| QC | KS | KS / DA | MoE / KS | MoE / KS | MoE / KS | MoE / KS | MoE | MoE | MoE / KS |
| ON | KS / DA | KS / DA | KS / DA | MoE / DA | MoE / DA | MoE / KS | MoE / KS | KS / DA | KS / DA |
| MB | KS | MoE / DA | MoE | MoE | MoE | MoE | MoE | MoE | MoE |
| SK | KS / DA | MoE | MoE | MoE / KS | MoE / KS | MoE / KS | MoE | MoE | MoE / KS |
| AB | DA | KS / DA | KS / DA | MoE | MoE / DA | MoE / DA | MoE / KS | MoE | MoE / DA |
| BC | MoE / DA | MoE / DA | MoE | MoE | MoE | MoE | MoE | MoE | MoE |
| YT | DA | KS / DA | MoE / DA | MoE | MoE | MoE | MoE | MoE | MoE / KS |
| NT | DA | MoE / DA | DA | MoE | MoE | MoE | MoE | MoE | MoE |
| NU | DA | MoE | MoE | MoE | MoE | MoE | MoE / KS | MoE / KS | KS / DA |
| Federal | - | - | - | - | - | AANDC / KS / DA | AANDC / KS | INAC / KS | INAC / KS |

MoE – Ministry of Education; KS – Key stakeholders; DA – Document analysis; AANDC – Aboriginal Affairs & Northern Development Canada/INAC – Indigenous and Northern Affairs Canada

# Better Data

Table 6. Summary of the number of K-12 e-learning programs that have participated

| Jurisdiction | Total Number of Programs | 2011 | 2012 | 2013 | 2015 | 2016 | Overall Number | Percentage |
|---|---|---|---|---|---|---|---|---|
| NL | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 100% |
| NS | 2 | 2 | 1 | 1 | 0 | 1 | 2 | 100% |
| PE | 1 / now 0 | 1 | - | - | - | - | 1 | 100% |
| NB | 2 | 1 | 2 | 1 | 0 | 1 | 2 | 100% |
| QC | 3 / now 4 | 3 | 3 | 3 | 1 | 4 | 4 | 100% |
| ON | 82 | 0 | 8 | 14 | 5 | 10 | 27 | 33% |
| MB | 38 | 8 | 2 | 2 | 2 | 5 | 9 | 24% |
| SK | 21 | 1 | 1 | 5 | 4 | 8 | 13 | 62% |
| AB | 21 | 1 | 2 | 4 | 2 | 11 | 13 | 62% |
| BC | 75 | 0 | 6 | 11 | 6 | 26 | 36 | 48% |
| YT | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 100% |
| NT | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 100% |
| NU | 0 | - | - | - | - | - | - | - |
| Federal | 5 / now 3 | 1 | 2 | 5 | 2 | 3 | 5 | 100% |
| Total | 251 | 19 | 29 | 49 | 23 | 72 | 115 | 46% |

# Better Data

Table 6. Summary of the number of K-12 e-learning programs that have participated

| Jurisdiction | Total Number of Programs | 2011 | 2012 | 2013 | 2015 | 2016 | Overall Number | Percentage |
|---|---|---|---|---|---|---|---|---|
| NL | 1 | | | | | | 1 | 100% |
| NS | 2 | | | | | | 2 | 100% |
| PE | 1 / now 0 | | | | | | 1 | 100% |
| NB | 2 | | | | | | 2 | 100% |
| QC | 3 / now 4 | | | | | | 4 | 100% |
| ON | 82 | | | | | | 27 | 33% |
| MB | 38 | | | | | | 9 | 24% |
| SK | 21 | | | | | | 13 | 62% |
| AB | 21 | | | | | | 13 | 62% |
| BC | 75 | | | | | | 36 | 48% |
| YT | 1 | | | | | | 1 | 100% |
| NT | 1 | | | | | | 1 | 100% |
| NU | 0 | | | | | | - | - |
| Federal | 5 / now 3 | | | | | | 5 | 100% |
| Total | 251 | 19 | 29 | 49 | 23 | 72 | 115 | 46% |

8% in 2011, 12% in 2012, 20% in 2013, 9% in 2015, and 29% in 2016.

# State of the Nation
## K-12 eLearning in Canada

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# Your Questions and Comments

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