

# Building the Graduation Cohort

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MATCHING THE MINISTRY OF EDUCATION'S GRADE NINE COHORT  
WITH BOARD DATA FROM ON SIS

# Background

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In March 2015, the Ministry provided boards with tools and instructions to allow boards to build the Ministry of Education's graduation rate grade nine cohort using their own data from OnSIS.

Completion of this process produces three lists for any given cohort:

- Students in the cohort
- Graduates
- Non-graduates

# Process using OnSIS Data

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## EXTRACT

Extract the required data from OnSIS



## REFORMAT

Reformat the data in Excel



## IMPORT

Import the data into an Access database



## FILTER

Run queries against the database to produce the lists of students

# Process Details

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1. Download macros and database template from the MISA e-community.
2. Download the required data files from OnSIS; there are 48 files.
3. Unzip the files and move into the specified folder structure.
4. Add input/output paths to cohort macro and run (5 times total).
5. Import the five files into a database.
6. Run query against this data to get a list of all students in the 2010-11 grade nine cohort.
7. Repeat steps 4-6 to generate the list of graduates and the list of non-graduates.

# Output: List of Students in the Cohort

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	A	B	C
1	OEN	Name	DOB
2	12345678	Erica Teresa Harris	1/6/1995
3	23456789	Michael James McDonald	3/3/1994
4	34567890	Nathan Patrick Murray-Jones	4/4/1995
5	45678901	Calista Rae Westmorland	12/9/1994
6	56789012	Catherine Elizabeth Brown	6/30/1995
7	67890123	Samantha Marie Taylor	6/24/1995
8	78901234	Leeanne Grace Fitzpatrick	3/16/1995
9	90123456	Shane Marshall Everett Williams	5/13/1994
10	11234567	Melissa Campbell	11/4/1994

# Output: Cohort Graduates

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	A	B	C	D	E
1	OEN	IssueDate	Year 4 or Year 5	Name	DOB
2	12345678	6/27/2013	4 Years or Less	Erica Teresa Harris	1/6/1995
3	45678901	2/1/2013	Year 5	Calista Rae Westmorland	12/9/1994
4	77788899	6/27/2013	4 Years or Less	Joti Malaya Hassan	4/17/1995
5	88990011	6/26/2013	4 Years or Less	Curtis Jeffery Monroe	1/10/1995
6	77889900	6/27/2013	4 Years or Less	Tomas Peter Popovich	10/30/1995
7	78912333	6/27/2013	4 Years or Less	Sudeep Kandathal	6/29/1995
8	71171177	6/26/2013	4 Years or Less	Adalene Marie St. Denis	11/15/1995
9	23456789	6/27/2013	Year 5	Michael James McDonald	3/3/1994
10	88111888	6/28/2013	Year 5	Abigail Jayne Palmer	10/10/1994

# Output: Non-Graduates (Enrolled in year five)

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	A	B	C
1	OEN	Name	DOB
2	78901234	Leeanne Grace Fitzpatrick	3/16/1995
3	90123456	Shane Marshall Everett Williams	5/13/1994
4	111233345	Elizabeth Goulding	6/25/1995
5	658123999	Katrina Adelle Younge	4/28/1995
6	789000011	Matthew Norman Zimmer	11/29/1995
7	112233445	Aaron Christopher Rowe	7/6/1995
8	109412564	Cameron Anthony Duncombe	2/26/1995
9	113206934	Alina Josie Brodsky	11/30/1994
10	100111123	Daniel Joseph MacLean	8/29/1995

# Output: Non-Graduates (Early Leavers)

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	A	B	C	D	E
1	OEN	MaxOfEnrolment End Date	Student Mobility Type Code Exit	Name	DOB
2	894859600	7/1/2010	25	LUCAS RYAN BROWN	1/6/1995
3	895168751	3/7/2013	25	Jessie Mark Craig	3/3/1994
4	894859600	7/1/2011	25	Tanisha Lindsay Renshaw	9/3/1995
5	895168751	4/16/2013	25	Amanda Nicole Nicholas	3/22/1995
6	894859600	5/6/2014	71	Ji Ling	12/15/1994
7	895168751	5/6/2013	25	Melissa Dawn McCormick	5/6/1995
8	894859600	7/1/2011	25	Evan Emerson Dodge	12/25/1995
9	895168751	5/22/2013	25	BENJAMIN RYAN GARLOW	5/6/1995
10	894859600	7/1/2011	25	Sonja Brooke Hart	1/8/1995



# Who is in the 2010-11 cohort?

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## Cohort Includes

Student Age	Between 13 and 15 years old as of December 31, 2010
Grade	Grade 9 students only
Registration	Student's first year of registration in a secondary school in Ontario
Time Period	Enrolled at any time during the academic year of 2010-11
School Type	Enrolled in a Publicly Funded Day School
Board Type	Public, Roman Catholic

# Ministry's Graduation Rate Formula

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$$\frac{\text{Number of graduates from grade 9 cohort within five years}}{\text{Number of students in grade 9 cohort}}$$

# Modification to General Formula

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- We do not have information on students who left our board after grade 9 and then earned a diploma at either another board or at a private school.
- Add the number of grads from the group of students who moved to another board (from Diploma Confirmation reports)
- Remove deceased students from the cohort
- Remove students who have left Ontario from the cohort