

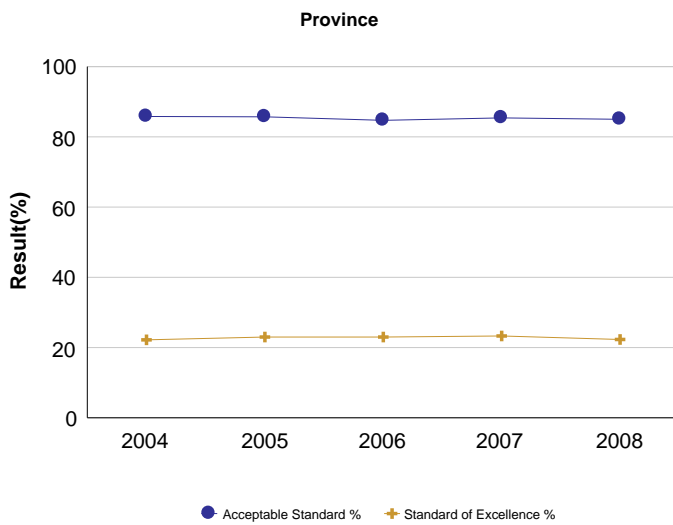
Student Learning Achievement (Grades 10-12)



Diploma Exam Results By Students Writing Measure History

Province: Alberta

	Province				
	2004	2005	2006	2007	2008
N	57,778	57,633	57,544	58,189	57,926
Acceptable Standard %	85.8	85.7	84.7	85.4	85.0
Standard of Excellence %	22.2	23.0	23.0	23.3	22.3



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Aggregated Diploma results are based upon a weighted average of Acceptable or Excellence percent meeting standards. The weights are the number of students writing the Diploma Examination for each course.

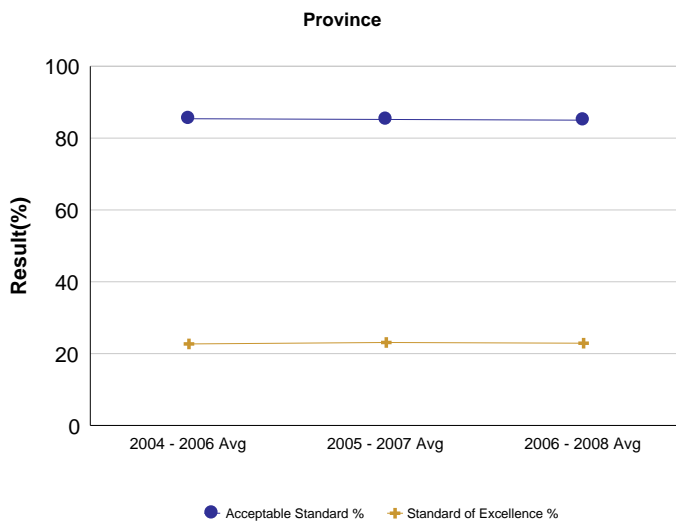
Student Learning Achievement (Grades 10-12)



Diploma Exam Results By Students Writing - 3 Year Rolling Average

Province: Alberta

	Province		
	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
N	57,652	57,789	57,886
Acceptable Standard %	85.4	85.2	85.0
Standard of Excellence %	22.7	23.1	22.9



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Aggregated Diploma results are based upon a weighted average of Acceptable or Excellence percent meeting standards. The weights are the number of students writing the Diploma Examination for each course.

Student Learning Achievement (Grades 10-12)



Diploma Exam Results Course By Course Summary With Measure Evaluation

Province: Alberta

Course	Measure	Province						
		Achievement	Improvement	Overall	2008		Prev 3 Yr Avg	
					N	%	N	%
English Lang Arts 30-1	Acceptable Standard	Low	Declined Significantly	Concern	28,024	87.1	27,854	88.3
	Standard of Excellence	Intermediate	Declined Significantly	Issue	28,024	15.5	27,854	18.7
English Lang Arts 30-2	Acceptable Standard	Intermediate	Improved Significantly	Good	13,241	88.9	12,609	88.1
	Standard of Excellence	High	Declined	Acceptable	13,241	8.8	12,609	9.3
French Lang Arts 30	Acceptable Standard	Intermediate	Maintained	Acceptable	1,218	94.9	1,163	95.3
	Standard of Excellence	High	Improved	Good	1,218	24.5	1,163	21.3
Français 30	Acceptable Standard	n/a	n/a	n/a	130	98.5	106	95.7
	Standard of Excellence	n/a	n/a	n/a	130	25.4	106	23.0
Pure Mathematics 30	Acceptable Standard	Intermediate	Maintained	Acceptable	22,529	81.3	22,284	81.5
	Standard of Excellence	Intermediate	Maintained	Acceptable	22,529	25.8	22,284	25.6
Applied Mathematics 30	Acceptable Standard	Low	Declined Significantly	Concern	10,045	76.3	10,004	80.9
	Standard of Excellence	Intermediate	Declined Significantly	Issue	10,045	10.7	10,004	15.2
Social Studies 30	Acceptable Standard	Intermediate	Declined Significantly	Issue	23,287	84.7	23,840	85.6
	Standard of Excellence	Intermediate	Declined Significantly	Issue	23,287	21.5	23,840	24.3
Social Studies 33	Acceptable Standard	High	Improved Significantly	Good	15,365	85.3	14,815	84.4
	Standard of Excellence	High	Maintained	Good	15,365	18.9	14,815	18.7
Biology 30	Acceptable Standard	Intermediate	Maintained	Acceptable	20,683	82.3	20,786	82.3
	Standard of Excellence	High	Declined	Acceptable	20,683	26.3	20,786	26.8
Chemistry 30	Acceptable Standard	High	Improved	Good	17,838	89.2	17,625	88.6
	Standard of Excellence	Very High	Improved Significantly	Excellent	17,838	39.2	17,625	36.1
Physics 30	Acceptable Standard	Intermediate	Improved	Good	10,509	85.7	10,881	84.9
	Standard of Excellence	High	Improved Significantly	Good	10,509	32.0	10,881	29.0
Science 30	Acceptable Standard	Intermediate	Improved Significantly	Good	3,932	88.6	3,566	86.0
	Standard of Excellence	Intermediate	Improved Significantly	Good	3,932	21.6	3,566	19.1

Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Too few jurisdictions offer Français 30 for an Achievement Evaluation to be calculated. However, the results from Français 30 are included in the aggregation of all Diploma courses.

Student Learning Achievement (Grades 10-12)



Measure Evaluation Reference - Achievement Evaluation

Province: Alberta

Achievement evaluation is based upon a comparison of Current Year data to a set of standards which remain consistent over time. The Standards are calculated by taking the 3 year average of baseline data for each measure across all school jurisdictions and calculating the 5th, 25th, 75th, and 95th percentiles. Once calculated, these standards remain in place from year to year to allow for consistent planning and evaluation.

The table below shows the range of values defining the 5 achievement evaluation levels for each measure.

Course	Measure	Very Low	Low	Intermediate	High	Very High
English Lang Arts 30-1	Acceptable Standard	0.00 - 83.76	83.76 - 92.02	92.02 - 95.13	95.13 - 100.00	100.00 - 100.00
	Standard of Excellence	0.00 - 6.22	6.22 - 13.46	13.46 - 20.88	20.88 - 27.39	27.39 - 100.00
English Lang Arts 30-2	Acceptable Standard	0.00 - 70.83	70.83 - 82.43	82.43 - 90.72	90.72 - 96.00	96.00 - 100.00
	Standard of Excellence	0.00 - 0.00	0.00 - 3.13	3.13 - 8.65	8.65 - 11.61	11.61 - 100.00
French Lang Arts 30	Acceptable Standard	0.00 - 77.27	77.27 - 93.33	93.33 - 100.00	100.00 - 100.00	100.00 - 100.00
	Standard of Excellence	0.00 - 0.00	0.00 - 5.49	5.49 - 19.84	19.84 - 28.00	28.00 - 100.00
Pure Mathematics 30	Acceptable Standard	0.00 - 54.07	54.07 - 76.74	76.74 - 86.06	86.06 - 92.18	92.18 - 100.00
	Standard of Excellence	0.00 - 6.15	6.15 - 18.46	18.46 - 29.38	29.38 - 34.62	34.62 - 100.00
Applied Mathematics 30	Acceptable Standard	0.00 - 73.06	73.06 - 80.94	80.94 - 90.03	90.03 - 91.69	91.69 - 100.00
	Standard of Excellence	0.00 - 4.57	4.57 - 10.29	10.29 - 16.08	16.08 - 23.77	23.77 - 100.00
Social Studies 30	Acceptable Standard	0.00 - 71.92	71.92 - 80.36	80.36 - 88.99	88.99 - 94.04	94.04 - 100.00
	Standard of Excellence	0.00 - 7.99	7.99 - 15.22	15.22 - 23.07	23.07 - 29.75	29.75 - 100.00
Social Studies 33	Acceptable Standard	0.00 - 68.88	68.88 - 78.33	78.33 - 85.20	85.20 - 89.99	89.99 - 100.00
	Standard of Excellence	0.00 - 4.72	4.72 - 8.85	8.85 - 16.10	16.10 - 20.46	20.46 - 100.00
Biology 30	Acceptable Standard	0.00 - 67.51	67.51 - 78.03	78.03 - 85.82	85.82 - 89.41	89.41 - 100.00
	Standard of Excellence	0.00 - 12.33	12.33 - 19.00	19.00 - 25.60	25.60 - 30.05	30.05 - 100.00
Chemistry 30	Acceptable Standard	0.00 - 68.78	68.78 - 80.00	80.00 - 87.31	87.31 - 92.42	92.42 - 100.00
	Standard of Excellence	0.00 - 11.21	11.21 - 17.73	17.73 - 25.71	25.71 - 34.24	34.24 - 100.00
Physics 30	Acceptable Standard	0.00 - 61.09	61.09 - 78.70	78.70 - 88.79	88.79 - 91.84	91.84 - 100.00
	Standard of Excellence	0.00 - 7.64	7.64 - 20.50	20.50 - 30.74	30.74 - 42.50	42.50 - 100.00
Science 30	Acceptable Standard	0.00 - 76.11	76.11 - 83.33	83.33 - 91.76	91.76 - 97.14	97.14 - 100.00
	Standard of Excellence	0.00 - 6.98	6.98 - 11.36	11.36 - 21.80	21.80 - 36.81	36.81 - 100.00

Notes:

The range of values at each evaluation level is interpreted as "greater than or equal to" the "Low" value, and "less than" the "High" value. For the Very High category, values range from "greater than" the "Low" value to 100%.

Too few jurisdictions offer Français 30 for an Achievement Evaluation to be calculated. However, the results from Français 30 are included in the aggregation of all DIP courses.

Students Learning Achievement (Grades 10-12)



Measure Evaluation Reference - Improvement and Overall Evaluation Table

Province: Alberta

Improvement Table

For each jurisdiction, improvement evaluation consists of comparing the Current Year result for each measure with the previous three-year average. A chi-square statistical test is used to determine the significance of the improvement. This test takes into account the size of the jurisdiction in the calculation to make improvement evaluation fair across jurisdictions of different sizes.

The table below shows the definition of the 5 improvement evaluation levels based upon the chi-square result.

Evaluation Category	Chi-Square Range
Declined Significantly	3.84 + (current < previous 3-year average)
Declined	1.00 - 3.83 (current < previous 3-year average)
Maintained	less than 1.00
Improved	1.00 - 3.83 (current > previous 3-year average)
Improved Significantly	3.84 + (current > previous 3-year average)

Overall Evaluation Table

The overall evaluation combines the Achievement Evaluation and the Improvement Evaluation. The table below illustrates how the Achievement and Improvement evaluations are combined to get the overall evaluation.

	Achievement				
	Very High	High	Intermediate	Low	Very Low
Improved Significantly	Excellent	Good	Good	Good	Acceptable
Improved	Excellent	Good	Good	Acceptable	Issue
Maintained	Excellent	Good	Acceptable	Issue	Issue
Declined	Good	Acceptable	Issue	Issue	Concern
Declined Significantly	Acceptable	Issue	Issue	Concern	Concern

Student Learning Achievement (Grades 10-12)

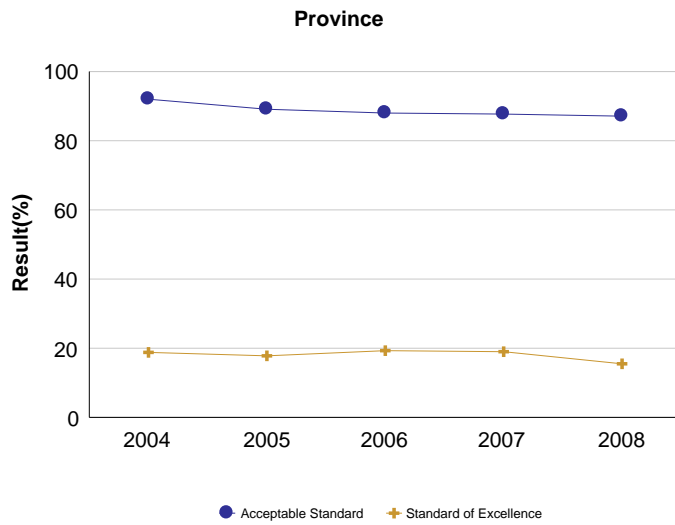


Diploma Exam Results By Course

Province: Alberta

English Lang Arts 30-1

	Province				
	2004	2005	2006	2007	2008
Students Writing	26,594	27,523	27,921	28,118	28,024
Acceptable Standard %	92.0	89.1	88.0	87.7	87.1
Standard of Excellence %	18.8	17.8	19.3	19.0	15.5



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

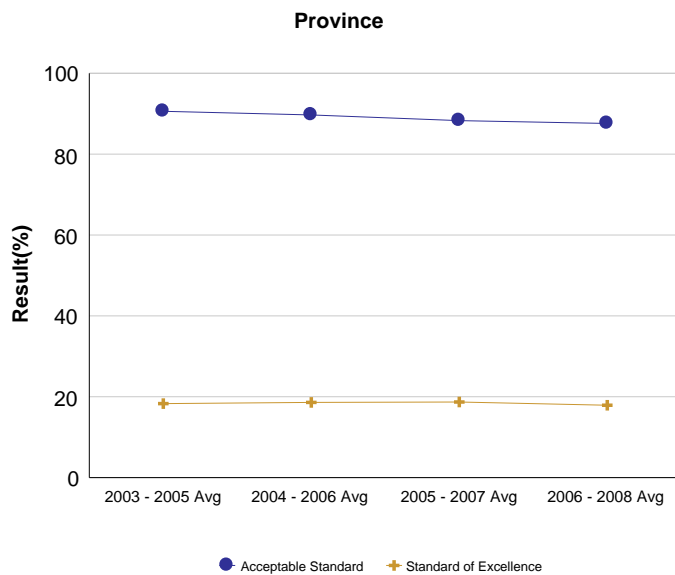


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

English Lang Arts 30-1

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	27,059	27,346	27,854	28,021
Acceptable Standard %	90.6	89.7	88.3	87.6
Standard of Excellence %	18.3	18.6	18.7	17.9



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

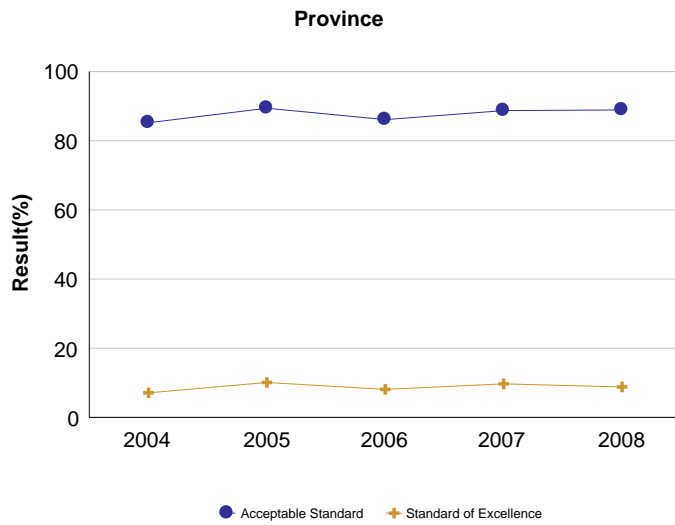


Diploma Exam Results By Course

Province: Alberta

English Lang Arts 30-2

	Province				
	2004	2005	2006	2007	2008
Students Writing	12,423	12,493	12,598	12,735	13,241
Acceptable Standard %	85.2	89.4	86.1	88.7	88.9
Standard of Excellence %	7.1	10.1	8.1	9.7	8.8



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

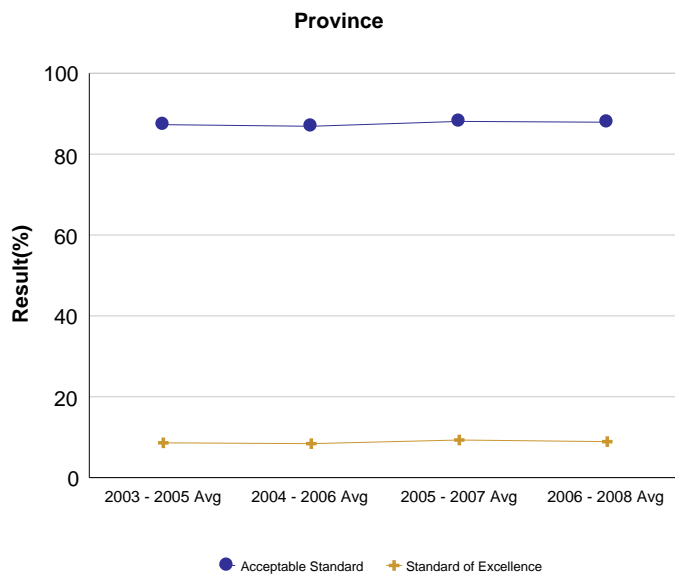


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

English Lang Arts 30-2

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	12,458	12,505	12,609	12,858
Acceptable Standard %	87.3	86.9	88.1	87.9
Standard of Excellence %	8.6	8.4	9.3	8.9



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

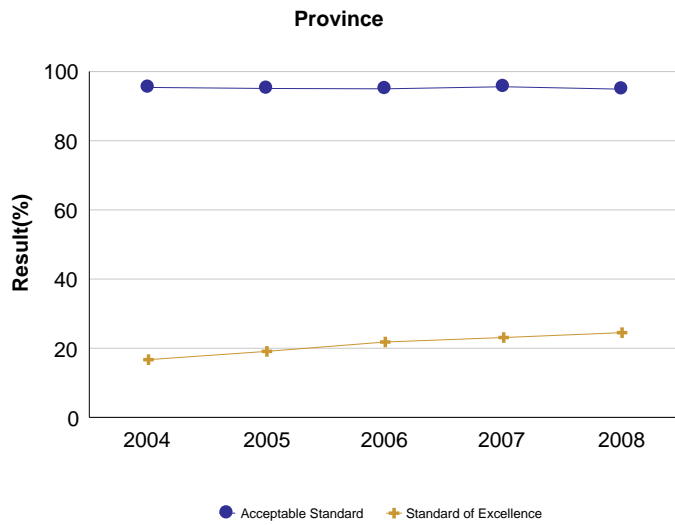


Diploma Exam Results By Course

Province: Alberta

French Lang Arts 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	993	1,090	1,191	1,208	1,218
Acceptable Standard %	95.4	95.1	95.0	95.6	94.9
Standard of Excellence %	16.7	19.1	21.8	23.1	24.5



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

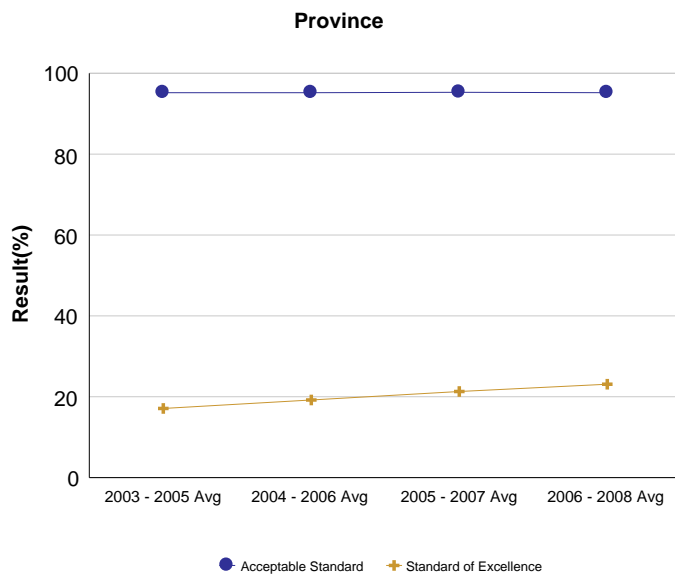


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

French Lang Arts 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	1,028	1,091	1,163	1,206
Acceptable Standard %	95.2	95.2	95.3	95.2
Standard of Excellence %	17.1	19.2	21.3	23.1



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

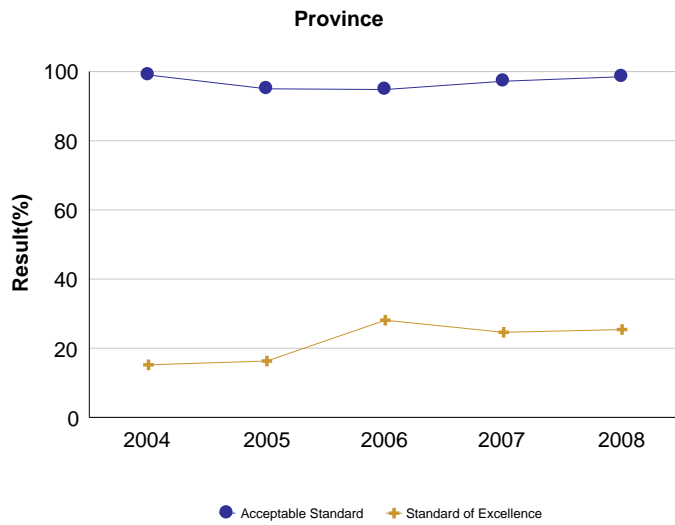


Diploma Exam Results By Course

Province: Alberta

Français 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	105	80	96	142	130
Acceptable Standard %	99.0	95.0	94.8	97.2	98.5
Standard of Excellence %	15.2	16.3	28.1	24.6	25.4



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

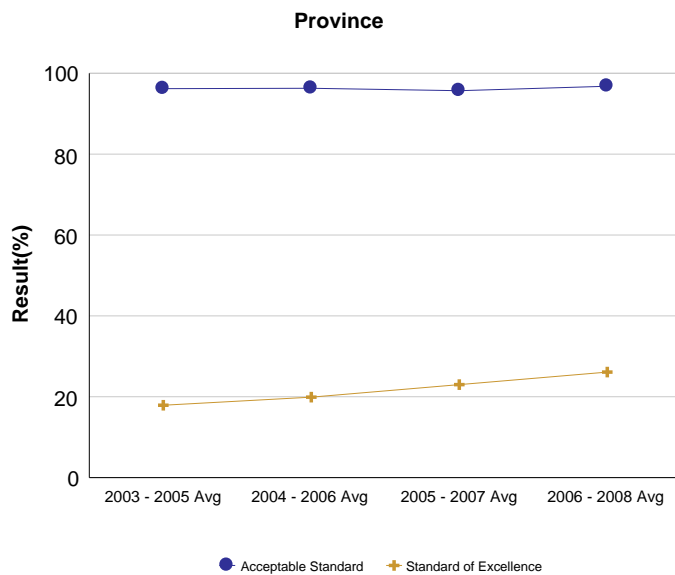


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Français 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	92	94	106	123
Acceptable Standard %	96.2	96.3	95.7	96.8
Standard of Excellence %	17.9	19.9	23.0	26.1



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

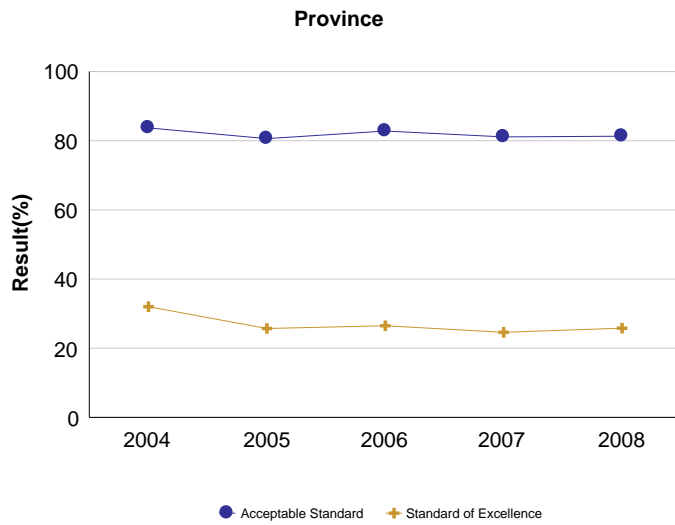


Diploma Exam Results By Course

Province: Alberta

Pure Mathematics 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	21,135	22,075	22,270	22,507	22,529
Acceptable Standard %	83.7	80.6	82.8	81.1	81.3
Standard of Excellence %	32.0	25.7	26.5	24.6	25.8



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

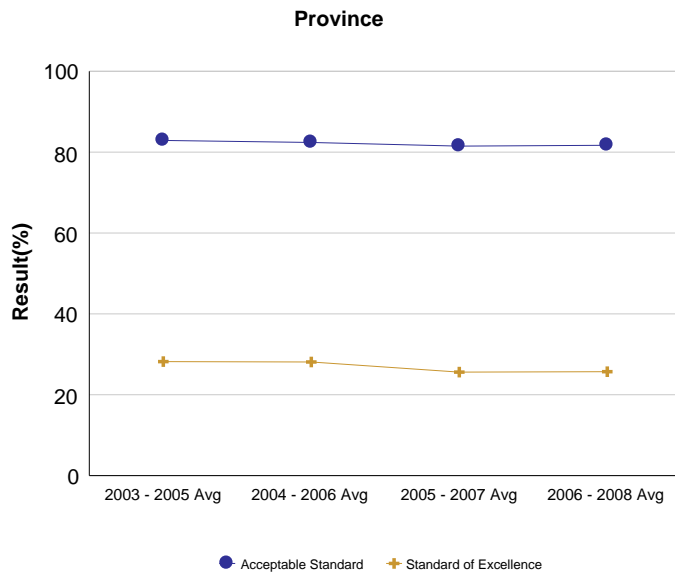


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Pure Mathematics 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	21,516	21,827	22,284	22,435
Acceptable Standard %	82.9	82.4	81.5	81.7
Standard of Excellence %	28.2	28.1	25.6	25.7



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

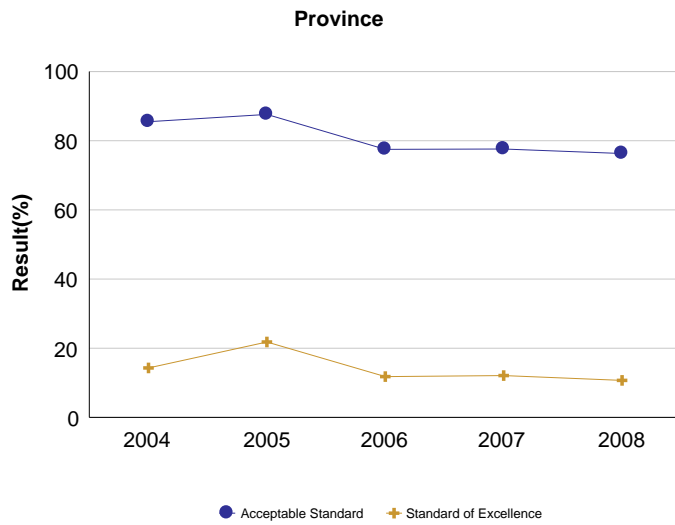


Diploma Exam Results By Course

Province: Alberta

Applied Mathematics 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	10,256	10,076	9,837	10,100	10,045
Acceptable Standard %	85.5	87.6	77.5	77.6	76.3
Standard of Excellence %	14.3	21.8	11.8	12.1	10.7



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

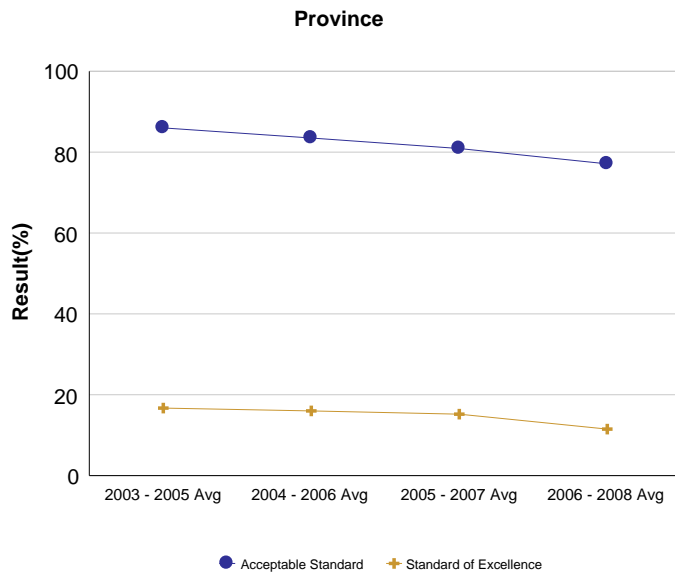


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Applied Mathematics 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	10,057	10,056	10,004	9,994
Acceptable Standard %	86.0	83.5	80.9	77.1
Standard of Excellence %	16.7	16.0	15.2	11.5



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

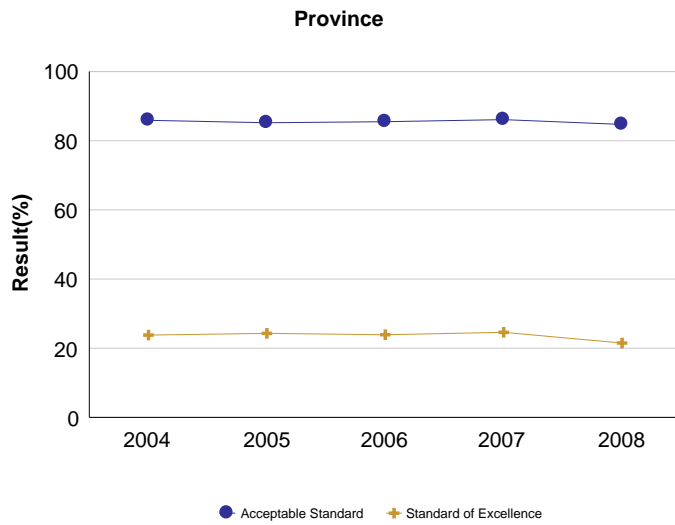


Diploma Exam Results By Course

Province: Alberta

Social Studies 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	23,158	23,538	23,759	24,223	23,287
Acceptable Standard %	85.9	85.2	85.5	86.1	84.7
Standard of Excellence %	23.8	24.3	23.9	24.6	21.5



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

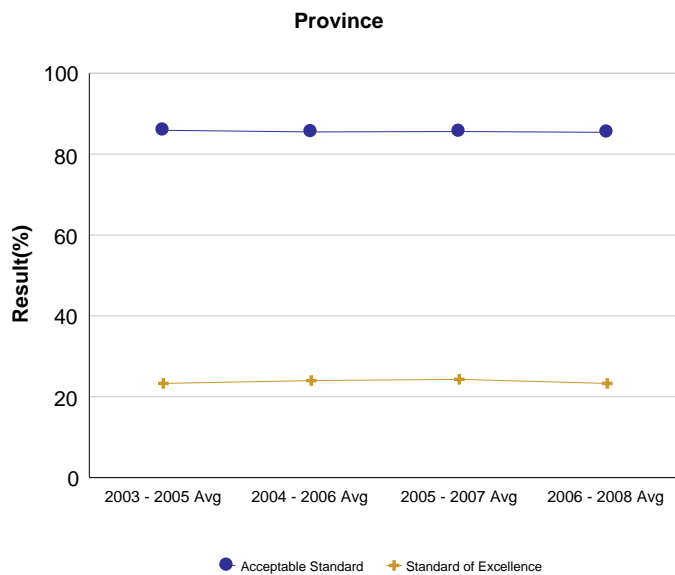


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Social Studies 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	23,301	23,485	23,840	23,756
Acceptable Standard %	85.9	85.5	85.6	85.4
Standard of Excellence %	23.3	24.0	24.3	23.3



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Student Learning Achievement (Grades 10-12)

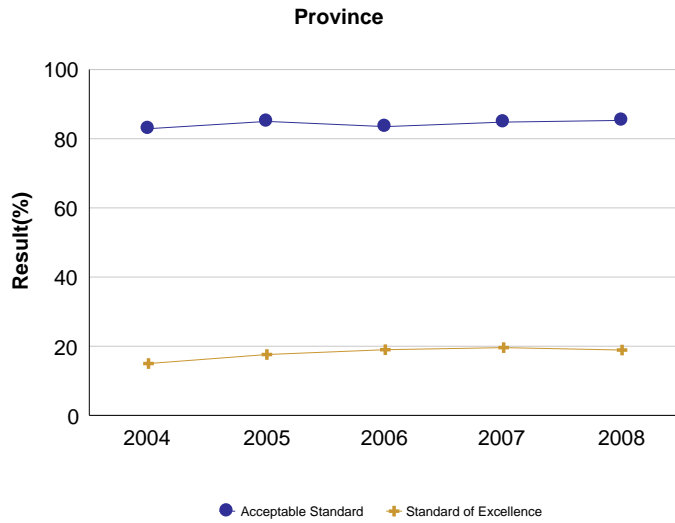


Diploma Exam Results By Course

Province: Alberta

Social Studies 33

	Province				
	2004	2005	2006	2007	2008
Students Writing	15,518	14,676	14,736	15,033	15,365
Acceptable Standard %	82.9	85.0	83.5	84.8	85.3
Standard of Excellence %	15.0	17.6	19.0	19.6	18.9



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

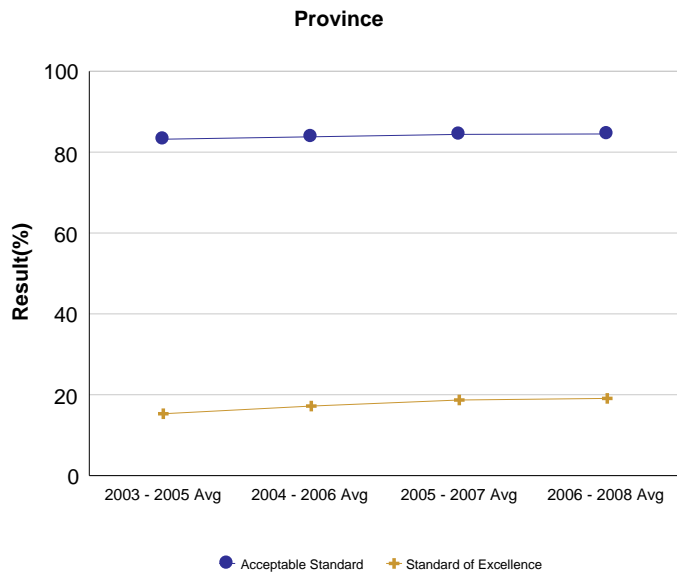


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Social Studies 33

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	15,178	14,977	14,815	15,045
Acceptable Standard %	83.2	83.8	84.4	84.5
Standard of Excellence %	15.3	17.2	18.7	19.1



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

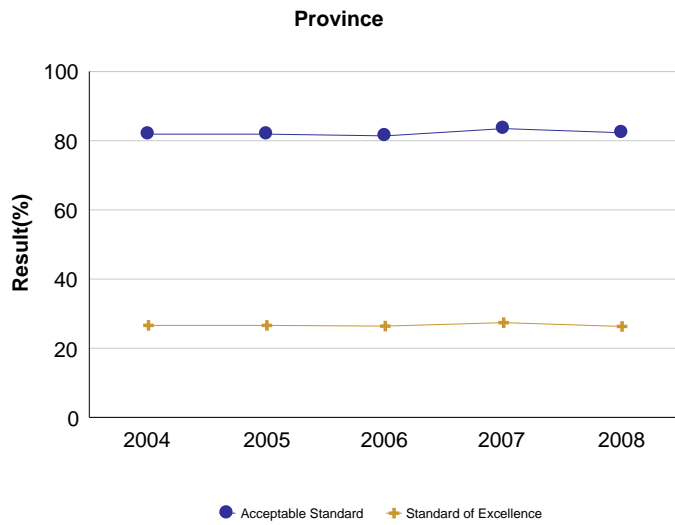


Diploma Exam Results By Course

Province: Alberta

Biology 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	20,413	20,537	20,755	21,067	20,683
Acceptable Standard %	81.9	81.9	81.4	83.5	82.3
Standard of Excellence %	26.6	26.6	26.4	27.4	26.3



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

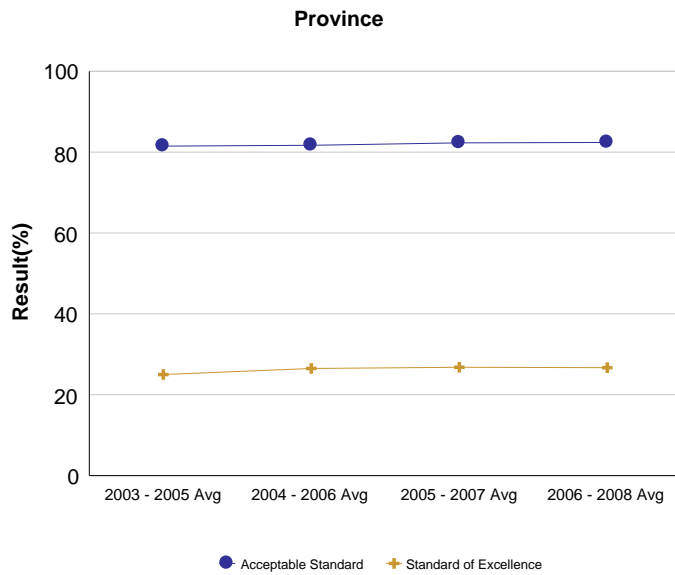


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Biology 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	20,472	20,568	20,786	20,835
Acceptable Standard %	81.5	81.7	82.3	82.4
Standard of Excellence %	25.0	26.5	26.8	26.7



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

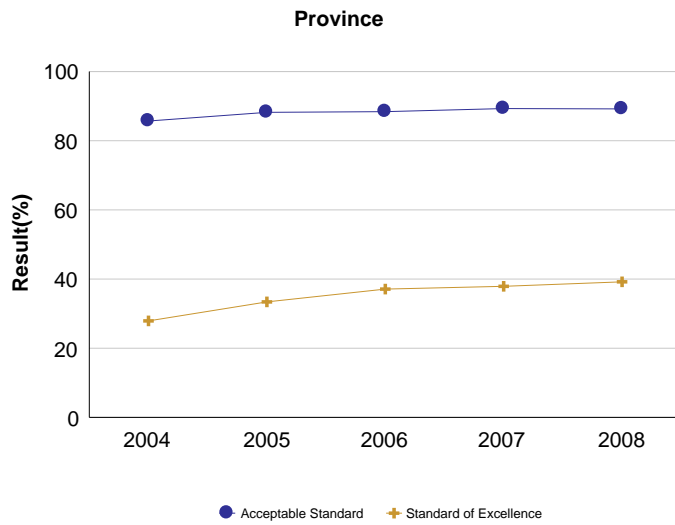


Diploma Exam Results By Course

Province: Alberta

Chemistry 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	17,389	17,517	17,298	18,059	17,838
Acceptable Standard %	85.7	88.2	88.4	89.3	89.2
Standard of Excellence %	27.9	33.4	37.1	37.9	39.2



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

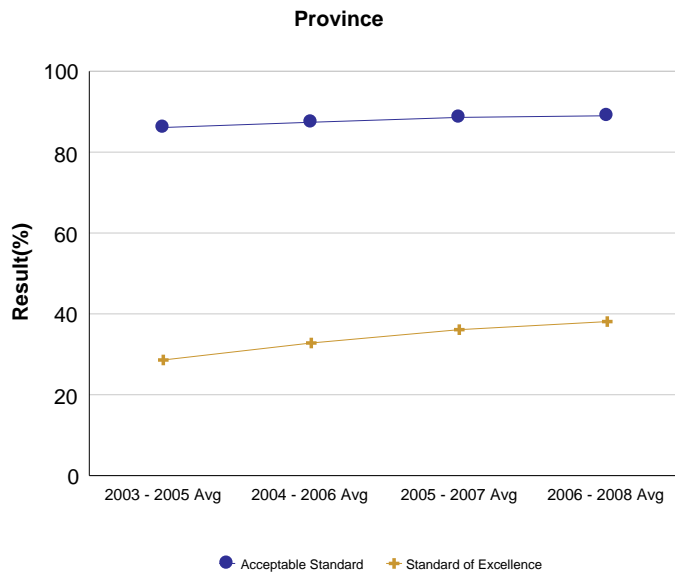


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Chemistry 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	17,603	17,401	17,625	17,732
Acceptable Standard %	86.1	87.4	88.6	89.0
Standard of Excellence %	28.6	32.8	36.1	38.1



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

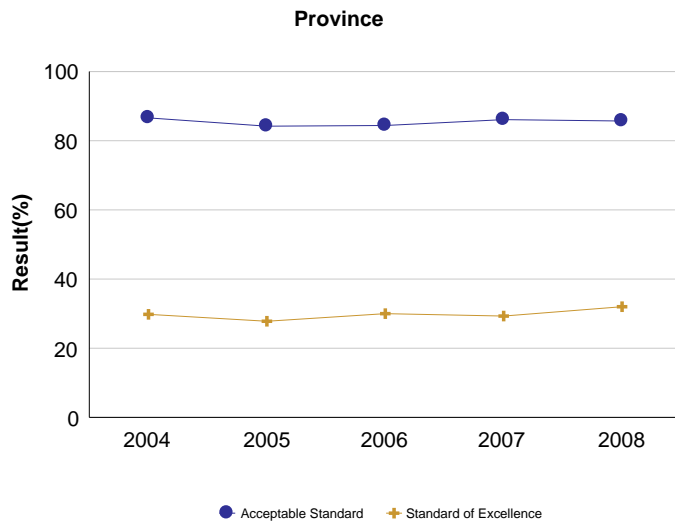


Diploma Exam Results By Course

Province: Alberta

Physics 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	10,812	10,881	10,702	11,060	10,509
Acceptable Standard %	86.6	84.2	84.4	86.1	85.7
Standard of Excellence %	29.8	27.8	30.0	29.3	32.0



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

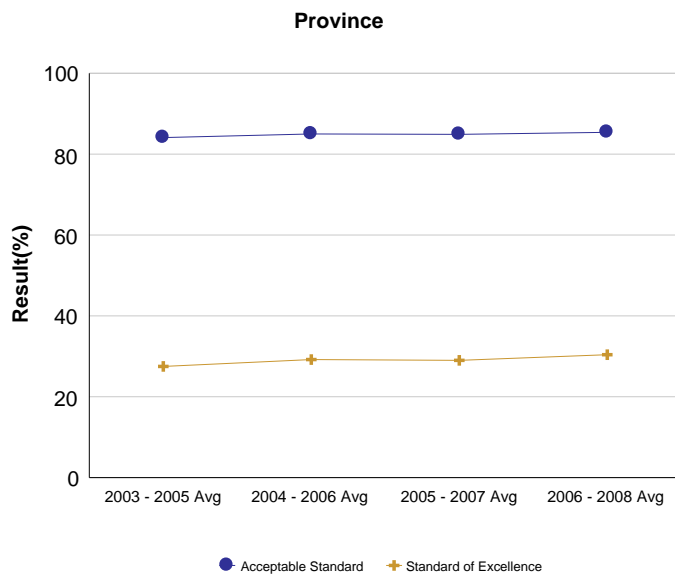


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Physics 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	10,842	10,798	10,881	10,757
Acceptable Standard %	84.1	85.0	84.9	85.4
Standard of Excellence %	27.5	29.2	29.0	30.4



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

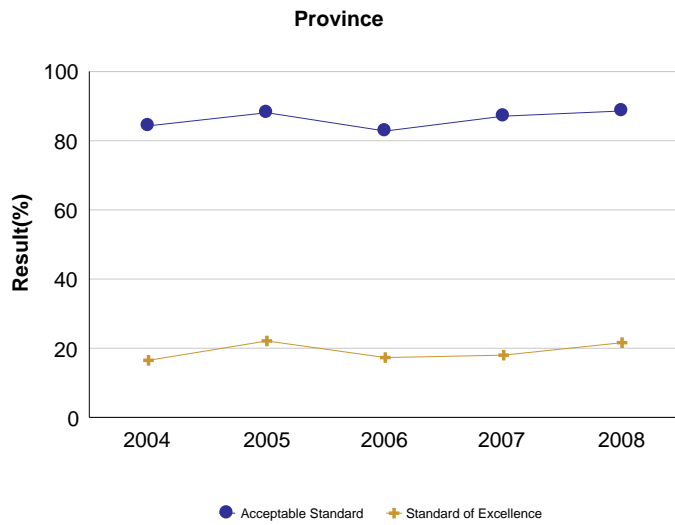


Diploma Exam Results By Course

Province: Alberta

Science 30

	Province				
	2004	2005	2006	2007	2008
Students Writing	3,407	3,467	3,628	3,603	3,932
Acceptable Standard %	84.3	88.1	82.8	87.1	88.6
Standard of Excellence %	16.5	22.1	17.3	18.0	21.6



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).

Student Learning Achievement (Grades 10-12)

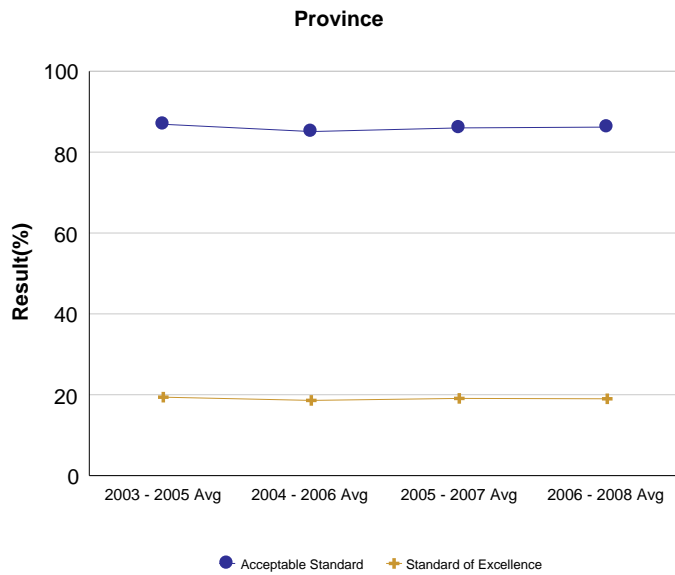


Diploma Exam Results By Course - 3 Year Rolling Average

Province: Alberta

Science 30

	Province			
	2003 - 2005 Avg	2004 - 2006 Avg	2005 - 2007 Avg	2006 - 2008 Avg
Students Writing	3,373	3,501	3,566	3,721
Acceptable Standard %	86.9	85.1	86.0	86.2
Standard of Excellence %	19.4	18.6	19.1	19.0



Note: Data values have been suppressed where the number of students is less than 6. Suppression is marked with an asterisk (*).