

# PROVINCIAL ACHIEVEMENT TESTS

2022 - 2023 marked the second year of Provincial Achievement Test (PAT) reportable data since the 2020-2021 school year. Our data analysis approach includes the 2021/2022, 2022/2023 PAT results, and the three year pre COVID average at the province, division, and school level. The school's 2023 results are analyzed in comparison to the three year average from 2017-2019.

#### It is important to note a couple of key items:

- The 2022-2023 provincial results do not include students who were exempted from writing the test because of the northern Alberta wildfires.
- The change factor provided on the table is calculated as the difference between the province's three-year average (pre-pandemic) compared to the province's 2023 results. Similarly, the change factor for the school division is the three-year average (pre-pandemic) compared to our 2023 result. Results for individual schools will be posted on school websites within the "assurance" tab.
- The 2022-2023 results do not include students who participated in the optionally implemented and piloted curriculum and were excused from writing the gr. 6 PATs in those subject areas being optionally implemented.
- After the 2023-2024 school year, there will be three consecutive years of PAT data available (2021-2022, 2022-2023, & 2023-2024) that can become part of the data analysis process.

## Key analysis will be done at the school level for each of the exams. Our key analysis can be found in the tables at the end of this document. Our approach to analysis is as follows:

- We determined the three year averages for the province and the school division leading into the pandemic (2017-2019)
- We compared the school division result against the three year average in both acceptable and excellence.
- We did the same for the provincial data
- Next, we compared our school division result against the provincial result.

Standard	Albe	erta	М	HPSD	Change	Factor		
	3 Year Average Pre COVID	2023 Result	3 Year Average Pre COVID	2023Result	Province	Division		
ENGLISH LA	ENGLISH LANGUAGE ARTS 6							
Acceptable	83.1	76.2	87.1	83.9	-6.9	-3.2		
Excellence	18.2	18.4	15.3	21.8	0.2	6.5		
MATHEMAT	ICS 6							
Acceptable	70.6	64.4	71.7	66.4	-6.2	-5.3		
Excellence	13.5	15.8	9.5	12.1	2.3	2.6		
SCIENCE G	RADE 6							
Acceptable	77.5	66.7	76.7	71.6	-10.8	-5.1		
Excellence	30.0	22.5	21.0	21.7	-7.5	0.7		
SOCIAL STU	JDIES 6							
Acceptable	74.5	66.3	73.3	67.1	-8.2	-6.2		
Excellence	23.7	18.5	15.5	18.0	-5.2	2.5		
FRENCH LA	NGUAGE ART	S 6E						
Acceptable	86.0	77.6	81.8	n/a	-8.4	n/a		
Excellence	13.8	12.5	8.3	n/a	-1.3	n/a		
MATHEMAT	IQUES 6E							
Acceptable	82.9	78.0	87.4	74.4	-4.9	-13.0		
Excellence	17.9	17.6	15.3	20.9	-0.3	5.6		
SCIENCES	6 <b>E</b>							
Acceptable	81.8	67.3	78.2	n/a	-14.5	n/a		
Excellence	22.3	12.8	17.2	n/a	-9.5	n/a		
ETUDES SO	CIALES 6E							
Acceptable	77.2	64.3	78.6	72.1	-12.9	-6.5		
Excellence	15.5	11.6	12.8	7.0	-3.9	-3.3		

### ENGLISH LANGUAGE LEARNERS AND FIRST NATIONS MÉTIS & INUIT LEARNERS

Standard	English Language Learners				First Nations Métis & Inuit Learners			
	MHPSD		Alberta		MHPSD		Alberta	
	2023	Result	2023 Result		2023 Result		2023 Result	
	N	%	N	%	N	%	N	%
ENGLISH LA	ANGUAGE	ARTS 6						
Acceptable	5	*	7824	85.4	16	93.8	2953	79.8
Excellence	5	*	7824	16.1	16	15.8	2953	9.4
FRENCH LA	NGUAGE	ARTS 6 A	NNEE					
Acceptable	N/A	N/A	176	80.7	N/A	N/A	119	73.1
Excellence	N/A	N/A	176	14.8	N/A	N/A	119	5.9
FRANCAIS (	6 ANNEE							
Acceptable	N/A	N/A	66	78.8	N/A	N/A	15	86.7
Excellence	N/A	N/A	66	12.1	N/A	N/A	15	33.3
MATHEMAT	ICS 6							
Acceptable	15	53.3	7940	74.2	28	53.6	2974	55.2
Excellence	15	0.0	7940	17.4	28	17.9	2974	7.3
<b>SCIENCE</b> 6								
Acceptable	12	75.0	8640	72.9	20	55.0	3009	61.0
Excellence	12	16.7	8640	19.4	20	10.0	3009	11.9
SOCIAL STU	JDIES 6							
Acceptable	20	70.0	8955	73.8	33	60.6	3279	59.8
Excellence	20	20.0	8955	17.7	33	9.1	3279	8.6

Standard	Alberta		МНЕ	MHPSD		e Factor
	3 Year Average Pre COVID	2023 Result	3 Year Average Pre COVID	2023 Result	Province	Division
ENGLISH LA	ANGUAGE ARTS	9				
Acceptable	76.0	71.4	74.7	62.3	-4.6	-12.4
Excellence	14.8	13.4	10.3	10.9	-1.4	0.6
MATHEMAT	rics 9					
Acceptable	61.0	53.2	54.9	39.8	-7.8	-15.1
Excellence	17.2	13.0	8.6	7.1	-4.2	-1.5
SCIENCE G	RADE 9					
Acceptable	74.2	65.5	70.5	59.7	-8.7	-10.8
Excellence	24.0	20.1	13.4	13.4	-3.9	0
SOCIAL STU	JDIES 9					
Acceptable	66.8	57.6	57.8	46.9	-9.2	-10.9
Excellence	20.7	15.9	12.1	10.0	-4.8	-2.1
FRENCH LA	NGUAGE ARTS	9E				
Acceptable	82.5	76.1	79.6	69.7	-6.4	-9.9
Excellence	11.1	10.9	2.7	9.1	-0.2	6.4
MATHEMAT	TIQUES 9E					
Acceptable	79.6	71.7	78.2	68.8	-7.9	-9.4
Excellence	24.6	20.8	21.0	12.5	-3.8	-8.5
SCIENCES	9E					
Acceptable	86.5	78.7	82.1	78.1	-7.8	-4.0
Excellence	25.1	20.3	20.9	18.8	-4.8	-2.1
ETUDES SO	CIALES 9E					
Acceptable	77.3	69.5	65.6	59.4	-7.8	-6.2
Excellence	21.2	15.7	19.5	9.4	-5.5	-10.1

#### ENGLISH LANGUAGE LEARNERS AND FIRST NATIONS MÉTIS & INUIT LEARNERS

Standard	English Language Learners				First Nations Métis & Inuit Learners			
	MHPSD		Alberta		MHPSD		Alberta	
	2023	Result	2023 Result		2023 Result		2023 Result	
	N	%	N	%	N	%	N	%
ENGLISH LA	ANGUAGE	ARTS 9						
Acceptable	17	41.2	5908	73.4	26	65.4	3039	70.8
Excellence	17	5.9	5908	7.8	26	7.7	3039	6.4
FRENCH LA	NGUAGE	ARTS 9e	ANNEE					
Acceptable	N/A	N/A	187	73.8	1	*	126	70.6
Excellence	N/A	N/A	187	11.8	1	*	126	4.8
FRANCAIS S	9e ANNEE	:						
Acceptable	N/A	N/A	77	70.1	N/A	N/A	20	75.0
Excellence	N/A	N/A	77	13.0	N/A	N/A	20	10.0
MATHEMAT	ICS 9							
Acceptable	17	35.3	5968	58.1	26	46.2	2897	41.5
Excellence	17	5.9	5968	13.9	26	0.0	2897	5.5
SCIENCE 9								
Acceptable	18	61.1	5971	69.4	27	55.6	3096	59.6
Excellence	18	5.6	5971	17.5	27	18.5	3096	10.0
SOCIAL STU	JDIES 9							
Acceptable	17	29.4	5990	58.7	25	48.0	3111	48.2
Excellence	17	5.9	5990	12.8	25	4.0	3111	7.0

# MHPSD 2022 PROVINCIAL ACHIEVEMENT TESTS SUMMARY

Grade 6 - ACCEPTABLE Above/below provincial average post COVID					
	6.4	Etudes Sociales 6e			
% by which MHPSD	5.7	Science 6			
Students performed better, against our 3 year average,	3.7	English Language Arts 6			
than the Province	2.0	Social Studies 6			
	0.9	Mathematics			
	0.0	Tied with the Province			
% by which MHPSD Students performed worse, against our 3 year average, than the Province	-8.1	Mathematiques 6e			

% by which MHPSD Students performed worse, against our 3 year average, than the Province	-8.1	Mathematiques 6e				
Grade 6 - EXCELLENCE Above/below provincial average post COVID						
	8.2	Science 6				
	7.7	Social Studies 6				
% by which MHPSD Students performed better,	6.3	English Language Arts				
against our 3 year average, than the Province	5.9	Mathematiques 6e				
	0.6	Etudes Sociales 6e				
	0.3	Mathematics 6				

0.0

Tied with the Province

Grade 9 - ACCEPTABLE Above/below provincial average post COVID					
% by which MHPSD	7.3	Mathematics 9			
students performed better, against our 3 year average, than the Province	3.8	Science 9e			
than the Province	1.6	Etudes Sociales 9e			
	0.0	Tied with the Province			
	-1.5	Mathematiques 9e			
% by which MHPSD	-1.7	Social Studies 9			
students performed worse, against our 3 year average,	-2.1	Science 9			
than the Province	-3.5	French Language Arts 9e			
	-7.8	English Language Arts 9			

Grade 9 - EXCELLENCE Above/below provincial average post COVID					
% by which MHPSD	6.6	French Language Arts 9e			
students performed better, against our 3 year average.	3.9	Science 9			
than the Province	2.7	Mathematics 9			
	2.7	Social Studies 9			
	2.7	Sciences 9e			
	0.0	Tied with the Province			
% by which MHPSD	-4.6	Etudes Sociales 9e			
students performed worse, against our 3 year average, than the Province	-4.7	Mathematiqes 9e			

% by which MHPSD Students performed worse, against our 3 year average, than the Province

# DIPLOMA EXAMINATIONS

2022 - 2023 marked the second year of diploma exam reportable data since the 2020-2021 school year. Our data analysis approach includes the 2021-2022, 2022-2023 diploma exam results, and the three-year pre COVID average at the province, division, and school level. The school's 2023 results are analyzed in comparison to the three-year average from 2017 - 2019.

#### It is important to note a few key items:

- Provincial data in this report is for the entire school year.
- After the 2023-2024 school year, there will be three consecutive years of diploma exam data available (2021-2022, 2022-2023, & 2023-2024) that can become part of the data analysis process.
- The change factor provided on the table is calculated as the difference between the province's three-year average (pre-pandemic) compared to the province's 2023 results. Similarly, the change factor for the school division is the three-year average (pre pandemic) compared to our 2023 result. Results for individual schools will be posted on school websites within the "assurance" tab.

Key analysis will be done at the school level for each of the exams. Our key analysis can be found in the tables at the end of this document. Our approach to analysis is as follows:

- We determined the three year averages for the province and the school division leading into the pandemic (2017-2019)
- We compared the school division result against the three year average in both acceptable and excellence.
- We did the same for the provincial data
- Next, we compared our school division result against the provincial result.

## **DIPLOMA EXAMINATIONS**

Standard	Alberta		MHPSD		Change Factor	
	3 Year Average Pre COVID	2023 Result	3 Year Average Pre COVID	2023 Result	Province	Division
ENGLISH LA	ANGUAGE ARTS	30-1				
Acceptable	87.0	83.7	78.4	82.5	-3.3	4.1
Excellence	12.5	10.5	5.8	6.6	-2.0	0.8
ENGLISH LA	ANGUAGE ARTS	30-2				
Acceptable	88.2	86.2	87.7	85.0	-2.0	-2.7
Excellence	12.2	12.7	8.1	5.2	0.5	-2.9
MATHEMAT	ICS 30-1					
Acceptable	76.1	70.8	66.6	81.4	-5.3	14.8
Excellence	33.5	29.0	19.7	27.1	-4.5	7.4
MATHEMAT	TCS 30-2					
Acceptable	75.2	71.1	71.3	79.7	-4.1	8.4
Excellence	16.3	15.2	10.4	20.9	-1.1	10.5
BIOLOGY 30	0					
Acceptable	84.9	82.7	78.0	85.7	-2.2	7.7
Excellence	34.8	32.8	21.5	25.3	-2.0	3.8
CHEMISTRY	Y 30					
Acceptable	84.1	80.5	74.2	83.4	-3.6	9.2
Excellence	39.8	37.0	22.8	34.3	-2.8	11.5
PHYSICS 30	0					
Acceptable	86.4	82.3	81.0	84.6	-4.1	3.6
Excellence	42.8	39.9	22.9	33.3	-2.9	10.4
SCIENCE 3						
Acceptable	85.3	79.4	84.8	82.1	-5.9	-2.7
Excellence	30.2	23.1	21.8	16.8	-7.1	-5.0
SOCIAL STU						
Acceptable	86.2	83.5	77.4	81.8	-2.7	4.4
Excellence	16.5	15.9	7.7	13.9	-0.6	6.2
SOCIAL STU	JDIES 30-2					
Acceptable	79.0	78.1	76.9	75.4	-0.9	-1.5
Excellence	12.2	12.3	6.8	7.4	0.1	0.6

### **DIPLOMA EXAMS CONT'D**

Standard	Alberta		MHPSD		Change Factor		
	3 Year Average Pre COVID	2023 Result	3 Year Average Pre COVID	2023 Result	Province	Division	
FRENCH LA	NGUAGE ARTS	30-1					
Acceptable	93.3	93.1	79.9	72.0	-0.2	-7.9	
Excellence	10.2	6.1	9.5	0.0	-4.1	-9.5	
ETUDES SO	ETUDES SOCIALES 30						
Acceptable	98.8	N/A	87.7	NA	NA	NA	
Excellence	28.1		33.3	NA	NA	NA	

#### ENGLISH LANGUAGE LEARNERS AND FIRST NATIONS MÉTIS & INUIT LEARNERS

Standard	Engli	rners					
	МН	PSD	Alberta				
	2023	Result	2023 Result				
	N	%	N	%			
ENGLISH LA	NGUAGE	ARTS 30	-1				
Acceptable	6	16.7	2482	63.3			
Excellence	6 0.0		2482	3.7			
ENGLISH LA	NGUAGE	ARTS 30	-2				
Acceptable	17	47.1	2284	71.5			
Excellence	17	0.0	2284	5.5			
SOCIAL STU	SOCIAL STUDIES 30-2						
Acceptable	16	18.8	2749	62.5			
Excellence	16	0.0	2749	7.8			

Standard	First Nations Métis & Inuit Learners							
	MHPSD 20	23 Result	Alberta 2023 Result					
	N	%	N	%				
ENGLISH LANGUAGE ARTS 30-1								
Acceptable	14	71.4	1286	78.3				
Excellence	14	0.0	1286	6.1				
ENGLISH LAN	IGUAGE A	RTS 30-2						
Acceptable	21	90.5	1833	86.5				
Excellence	21	4.8	1833	9.9				
MATHEMATIC	S 30-2							
Acceptable	7	71.4	742	65.8				
Excellence	7	0.0	742	12.1				
SOCIAL STUD	IES 30-1							
Acceptable	7	85.7	986	73.0				
Excellence	7	0.0	986	8.6				
SOCIAL STUD	IES 30-2							
Acceptable	24	75.0	1933	72.3				
Excellence	24	4.2	1933	5.4				
BIOLOGY 30								
Acceptable	7	85.7	902	72.5				
Excellence	7	28.6	902	19.1				
SCIENCE 30								
Acceptable	6	100.0	470	75.3				
Excellence	6	16.7	470	18.7				

# MHPSD 2022 DIPLOMA EXAMINATION SUMMARY

ACCEPTABLE Above/below provincial average post COVID			
% by which MHPSD Students performed better, against our 3 year average, than the Province	20.1	Mathematics 30-1	
	12.8	Chemistry 30	
	12.5	Mathematics 30-2	
	9.9	Biology 30	
	7.7	Physics 30	
	7.4	English Language Arts 30-1	
	7.1	Social Studies 30-1	
	3.2	Science 30	
	0.0	Tied with the Province	
% by which MHPSD Students performed worse, against our 3 year average, than the Province	-0.6	Social Studies 30-2	
	-0.7	English Language Arts 30-2	
	-7.7	French Language Arts 30-1	

<b>EXCELLENCE</b> Above/below provincial average post COVID			
% by which MHPSD Students performed better, against our 3 year average, than the Province	14.3	Chemistry 30	
	13.3	Physics 30	
	11.9	Mathematics 30-1	
	11.6	Mathematics 30-2	
	6.8	Social Studies 30-1	
	5.8	Biology 30	
	2.8	English Language Arts 30-1	
	2.1	Science 30	
	0.5	Social Studies 30-2	
	0.0	Tied with the Province	
% by which MHPSD Students performed worse, against our 3 year average, than the Province	-3.4	English Language Arts 30-2	
	-5.4	French Language Arts 30-1	