

EDMONTON PUBLIC SCHOOLS

December 11, 2007

TO: Board of Trustees

FROM: E. Schmidt, Superintendent of Schools

SUBJECT: Response to Trustee Request for Information

ORIGINATOR: T. Parker, Assistant Superintendent

RESOURCE  
STAFF: Anne Mulgrew, Corrie Ziegler

INFORMATION

**TRUSTEE REQUEST #008, NOVEMBER 13, 2007 (TRUSTEE GIBEAULT): PROVIDE A COMPARISON OF THE DISTRICT'S RESULTS WITH THOSE OF OTHER LARGE URBAN BOARDS IN THE PROVINCE AND INFORMATION ON WHAT WOULD ACCOUNT FOR ANY DIFFERENCES GIVEN A SIMILAR STUDENT POPULATION:** It may be assumed that the four urban boards have similar populations. Accessing demographic data to determine similarities with respect to the make-up of student populations in other jurisdictions is a difficult undertaking. Alberta Education, for a variety of reasons, places conditions on making this information public (e.g. small numbers of students in identifiable categories).

Table 1 (Appendix I) provides information on the percentages of students meeting the acceptable standard and the standard of excellence on provincial achievement tests for the four large urban school jurisdictions. With the exception of Grade 6 French Language Arts, Edmonton Public ranks fourth out of four for acceptable standard for all tests at grades 3 and 6. For standard of excellence, Edmonton Public ranks fourth for Grade 3 Language Arts, and for grade 6 Language Arts and Mathematics. Edmonton Public ranks second for standard of excellence for the remaining grade 3 and 6 tests.

For acceptable standard at the grade 9 level, Edmonton Public ranks fourth for grade 9 Language Arts, first for grade 9 French Language Arts, and third for the remaining three grade 9 tests. For standard of excellence, Edmonton Public ranks first for all five grade 9 tests.

Table 2 (Appendix II) provides information on the percentage of students who were absent or excused from writing the provincial achievement tests. This data is provided because it helps to place in context why Edmonton Public tends to do less well than the other urban boards. Edmonton Public had a substantially higher percentage of students who were absent from the provincial achievement tests for all tests except Grade 3 and 6 French Language Arts. Edmonton Public also tends to have higher percentages of students excused from the achievement test, particularly at grades 3 and 6 than is true for the other urban districts.

Alberta Education provides guidelines for excusing students from provincial achievement tests. The *Achievement Testing Program Grades 3, 6 and 9 General Information Bulletin* states the following with respect to students being excused from writing achievement tests.

“The superintendent may, on an individual basis, excuse a student from writing an achievement test for the following reasons:

- the student is not capable of responding to the assessment in its original or approved accommodation form
- participation would be harmful to the student”

Also attached are the Accountability Pillar Overall Summaries for the four urban boards (Attachment I). Alberta Education uses the measures included in the Accountability Pillar to monitor the effectiveness of instructional programming and supports provided to students across the province. The information in these summaries provides a broader context for interpreting the data in Tables 1 and 2. (A. Mulgrew, 429-8351)

TP:ljb

Appendix I    Percentage Comparison of Students Meeting Standards  
Appendix II    Percentage Comparison of Students Absent or Excused from Writing  
Attachment I    District and Other Jurisdiction Accountability Pillar Summaries

**TABLE 1**  
**COMPARISON OF PERCENTAGE OF STUDENTS MEETING STANDARDS ON**  
**PROVINCIAL ACHIEVEMENT TESTS FOR THE FOUR LARGE URBAN BOARDS: 2007**

Test	Edmonton Public		Edmonton Catholic		Calgary Public		Calgary Catholic	
	% Meeting Standard	Rank	% Meeting Standard	Rank	% Meeting Standard	Rank	% Meeting Standard	Rank
<b>Gr. 3 Lang. Arts</b>								
Acceptable Standard	78.4	4	85.6	1	80.7	3	82.7	2
Standard of Excellence	16.2	4	20.6	2	18.7	3	21.1	1
<b>Gr. 3 Mathematics</b>								
Acceptable Standard	78.9	4	83.7	1	79.8	3	81.1	2
Standard of Excellence	25.7	2	23.9	3	23.6	4	26.2	1
<b>Gr. 6 Language Arts</b>								
Acceptable Standard	77.6	4	84.6	1	83.0	3	83.5	2
Standard of Excellence	20.7	4	22.5	2	20.9	3	23.9	1
<b>Gr. 6 Fr. Lang. Arts</b>								
Acceptable Standard	88.4	2	87.1	3	91.3	1	85.3	4
Standard of Excellence	13.8	2	8.2	4	15.8	1	10.3	3
<b>Gr. 6 Mathematics</b>								
Acceptable Standard	73.1	4	77.9	2	76.5	3	78.2	1
Standard of Excellence	16.4	4	17.0	2	16.9	3	17.6	1
<b>Gr. 6 Science</b>								
Acceptable Standard	75.3	4	76.9	2	76.8	3	79.6	1
Standard of Excellence	29.9	2	27.5	4	28.9	3	30.2	1
<b>Gr. 6 Social Studies</b>								
Acceptable Standard	77.5	4	80.7	2	79.6	3	82.8	1
Standard of Excellence	24.9	2	23.8	4	24.1	3	29.5	1
<b>Gr.9 Language Arts</b>								
Acceptable Standard	77.2	4	82.2	2	77.7	3	82.7	1
Standard of Excellence	18.3	1	16.8	3	14.9	4	17.2	2
<b>Gr. 9 Fr. Lang. Arts</b>								
Acceptable Standard	86.4	1	85.4	3	85.9	2	79.9	4
Standard of Excellence	19.5	1	17.1	2	11.7	4	15.0	3
<b>Gr. 9 Mathematics</b>								
Acceptable Standard	68.5	3	71.0	2	68.2	4	73.7	1
Standard of Excellence	22.7	1	20.3	4	21.8	2	21.0	3
<b>Gr. 9 Science</b>								
Acceptable Standard	71.9	3	74.2	2	70.9	4	74.4	1
Standard of Excellence	20.7	1	15.8	4	16.4	2	16.2	3
<b>Gr. 9 Social Studies</b>								
Acceptable Standard	73.5	3	77.4	1	72.4	4	75.3	2
Standard of Excellence	24.4	1	21.7	2	19.5	4	19.7	3

**TABLE 2**  
**COMPARISON OF PERCENTAGE OF STUDENTS ABSENT OR EXCUSED FROM**  
**PROVINCIAL ACHIEVEMENT TESTS FOR THE FOUR LARGE URBAN BOARDS: 2007**

Test	Edmonton Public		Edmonton Catholic		Calgary Public		Calgary Catholic	
	% of Population	Rank	% of Population	Rank	% of Population	Rank	% of Population	Rank
<b>Gr. 3 Lang. Arts</b>								
Absent	5.1	4	2.3	1	2.8	2	3.1	3
Excused	6.2	3	4.2	1	5.6	2	7.4	4
<b>Gr.3 Mathematics</b>								
Absent	4.5	4	2.4	1	3.0	2.5	3.0	2.5
Excused	6.2	3	4.5	1	5.4	2	6.9	4
<b>Gr. 6 Lang. Arts</b>								
Absent	5.2	4	2.3	1	2.6	2	4.1	3
Excused	8.4	4	4.9	1	5.7	2	6.7	3
<b>Gr. 6 Fr. Lang. Arts</b>								
Absent	1.1	2	0.9	1	2.0	4	1.8	3
Excused	0.0		0.0		0.0		0.9	
<b>Gr.6 Mathematics</b>								
Absent	4.5	4	1.6	1	2.3	2	3.3	3
Excused	8.4	4	5.3	1	5.9	2	7.2	3
<b>Gr. 6 Science</b>								
Absent	5.6	4	2.4	1	2.6	2	3.8	3
Excused	9.0	4	5.8	1	6.4	2	6.7	3
<b>Gr.6 Soc. Studies</b>								
Absent	4.7	4	2.0	1.5	2.0	1.5	3.1	3
Excused	9.1	4	5.7	1	6.5	2	7.1	3
<b>Gr. 9 Lang. Arts</b>								
Absent	6.2	4	4.3	3	3.7	2	2.4	1
Excused	7.1	2	7.4	3	6.9	1	7.8	4
<b>Gr. 9 Fr. Lang. Arts</b>								
Absent	2.3	2	7.0	4	2.9	3	1.4	1
Excused	0.0	1	0.6	3	0.1	2	0.7	4
<b>Gr. 9 Mathematics</b>								
Absent	5.3	4	3.8	3	3.5	2	1.6	1
Excused	7.4	2	9.4	4	6.6	1	7.9	3
<b>Gr. 9 Science</b>								
Absent	4.9	4	3.5	3	2.9	2	1.4	1
Excused	7.8	2	8.0	3.5	6.3	1	8.0	3.5
<b>Gr. 9 Soc. Studies</b>								
Absent	5.7	4	3.5	2.5	3.5	2.5	1.7	1
Excused	7.9	3	7.8	2	6.3	1	8.3	4

## Accountability Pillar Overall Summary

3020 Edmonton School District No. 7

October 1, 2007

Goal	Measure Category	Measure Category Evaluation	Measure	Jurisdiction Results			Provincial Results			Measure Evaluation		
				Current Result	Prev Year Result	Prev 3 yr Average	Current Result	Prev Year Result	Prev 3 Yr Average	Achievement	Improvement	Overall
Goal 1: High Quality Learning Opportunities for All	Safe and Caring Schools	Good	Safe and Caring	84.8	85.4	83.7	84.2	84.4	82.7	High	Improved Significantly	Good
	Student Learning Opportunities	Good	Program of Studies	80.6	79.7	78.2	78.5	78.1	76.9	High	Improved Significantly	Good
			Education Quality	89.5	89.5	87.8	87.6	87.7	86.0	High	Improved Significantly	Good
			Drop Out Rate	6.3	6.1	6.6	4.7	4.9	5.3	Intermediate	Improved	Good
			High School Completion Rate (3 yr)	63.5	63.6	60.6	70.4	70.4	69.1	Intermediate	Improved Significantly	Good
Goal 2: Excellence in Learner Outcomes	Student Learning Achievement (Grades K-9)	Issue	PAT: Acceptable	75.6	77.4	77.7	75.9	76.9	77.1	Low	Declined Significantly	Concern
			PAT: Excellence	22.1	22.0	22.5	19.5	19.1	19.3	High	Maintained	Good
	Student Learning Achievement (Grades 10-12)	Good	Diploma: Acceptable	85.3	84.7	85.0	85.4	84.7	85.4	Intermediate	Maintained	Acceptable
			Diploma: Excellence	24.8	25.5	24.7	23.3	23.0	22.7	Very High	Maintained	Excellent
			Diploma Exam Participation Rate (4+ Exams)	55.5	54.6	52.6	53.7	53.5	52.4	Intermediate	Improved Significantly	Good
			Rutherford Scholarship Eligibility Rate	34.5	31.5	30.6	37.2	35.3	33.9	High	Improved Significantly	Good
	Preparation for Lifelong Learning, World of Work, Citizenship	Good	Transition Rate (4 yr)	40.9	38.8	35.3	39.5	37.0	34.6	High	Improved Significantly	Good
			Work Preparation	79.6	79.8	77.1	77.1	77.0	74.7	High	Improved Significantly	Good
			Citizenship	78.7	79.0	76.7	76.6	76.8	74.7	High	Improved Significantly	Good
Goal 3: Highly Responsive and Responsible Jurisdiction (Ministry)	Parental Involvement	Good	Parental Involvement	77.5	77.2	75.9	77.5	77.9	76.0	Intermediate	Improved Significantly	Good
	Continuous Improvement	Good	School Improvement	78.8	79.3	73.4	76.3	76.8	73.2	High	Improved Significantly	Good

Goal	Measure Category	Measure	Jurisdiction Results			Provincial Results		
			Current Result	Prev Year Result	Prev 3 Yr Average	Current Result	Prev Year Result	Prev 3 Yr Average
ACOL measure	ACOL measure	Satisfaction with Program Access	69.9	69.4	68.7	68.2	68.5	67.8
		In-service Jurisdiction Needs	79.1	76.3	77.6	78.8	78.2	77.3

## Notes:

- 1) Student Learning Achievement: PAT Values reported are weighted averages of PAT Acceptable and PAT Excellence results. Courses included: ELA (Grades 3, 6, 9), Math (Grades 3, 6, 9), Social Studies (Grades 6, 9), Science (Grades 6 only), French Language Arts (Grades 6, 9), Français (Grades 6, 9).
- 2) Student Learning Achievement: Diploma Exam Values reported are averages of Diploma Acceptable and Diploma Excellence results, weighted by the number of students enrolled in each course.
- 3) Overall evaluations can only be calculated if both improvement and achievement evaluations are available.
- 4) The ACOL measures are not evaluated as they are not part of the Accountability Pillar and are included only to enable inclusion in the AERR and 3-Year Education Plan reports.
- 5) Data values have been suppressed where the number of respondents is less than 6.

## Accountability Pillar Overall Summary

0110 Edmonton Catholic Separate School District No. 7

October 1, 2007

Goal	Measure Category	Measure Category Evaluation	Measure	Jurisdiction Results			Provincial Results			Measure Evaluation		
				Current Result	Prev Year Result	Prev 3 Yr Average	Current Result	Prev Year Result	Prev 3 Yr Average	Achievement	Improvement	Overall
Goal 1: High Quality Learning Opportunities for All	Safe and Caring Schools	Good	Safe and Caring	85.7	85.6	84.1	84.2	84.4	82.7	High	Improved Significantly	Good
	Student Learning Opportunities	Good	Program of Studies	79.6	79.7	79.4	78.5	78.1	76.9	High	Maintained	Good
			Education Quality	89.3	89.3	88.2	87.6	87.7	86.0	High	Improved Significantly	Good
			Drop Out Rate	4.0	4.6	4.6	4.7	4.9	5.3	High	Improved Significantly	Good
			High School Completion Rate (3 yr)	70.5	68.5	67.3	70.4	70.4	69.1	Intermediate	Improved Significantly	Good
Goal 2: Excellence in Learner Outcomes	Student Learning Achievement (Grades K-9)	Acceptable	PAT: Acceptable	80.2	81.4	81.2	75.9	76.9	77.1	Intermediate	Declined	Issue
			PAT: Excellence	21.4	21.5	21.3	19.5	19.1	19.3	High	Maintained	Good
	Student Learning Achievement (Grades 10-12)	Good	Diploma: Acceptable	84.8	82.9	84.4	85.4	84.7	85.4	Intermediate	Maintained	Acceptable
			Diploma: Excellence	22.5	20.9	22.0	23.3	23.0	22.7	High	Maintained	Good
			Diploma Exam Participation Rate (4+ Exams)	57.6	52.9	52.9	53.7	53.5	52.4	High	Improved Significantly	Good
			Rutherford Scholarship Eligibility Rate	38.3	35.6	33.6	37.2	35.3	33.9	High	Improved Significantly	Good
	Preparation for Lifelong Learning, World of Work, Citizenship	Excellent	Transition Rate (4 yr)	43.6	43.2	38.6	39.5	37.0	34.6	Very High	Improved Significantly	Excellent
			Work Preparation	80.4	80.4	79.1	77.1	77.0	74.7	High	Improved	Good
			Citizenship	81.4	80.6	79.2	76.6	76.8	74.7	Very High	Improved Significantly	Excellent
Goal 3: Highly Responsive and Responsible Jurisdiction (Ministry)	Parental Involvement	Good	Parental Involvement	80.1	80.1	78.5	77.5	77.9	76.0	High	Improved	Good
	Continuous Improvement	Good	School Improvement	80.0	79.9	76.8	76.3	76.8	73.2	High	Improved Significantly	Good

Goal	Measure Category	Measure	Jurisdiction Results			Provincial Results		
			Current Result	Prev Year Result	Prev 3 Yr Average	Current Result	Prev Year Result	Prev 3 Yr Average
ACOL measure	ACOL measure	Satisfaction with Program Access	68.1	68.5	68.1	68.2	68.5	67.8
		In-service Jurisdiction Needs	82.7	83.2	82.7	78.8	78.2	77.3

## Notes:

- 1) Student Learning Achievement: PAT Values reported are weighted averages of PAT Acceptable and PAT Excellence results. Courses included: ELA (Grades 3, 6, 9), Math (Grades 3, 6, 9), Social Studies (Grades 6, 9), Science (Grades 6 only), French Language Arts (Grades 6, 9), Français (Grades 6, 9).
- 2) Student Learning Achievement: Diploma Exam Values reported are averages of Diploma Acceptable and Diploma Excellence results, weighted by the number of students enrolled in each course.
- 3) Overall evaluations can only be calculated if both improvement and achievement evaluations are available.
- 4) The ACOL measures are not evaluated as they are not part of the Accountability Pillar and are included only to enable inclusion in the AERR and 3-Year Education Plan reports.
- 5) Data values have been suppressed where the number of respondents is less than 6.

## Accountability Pillar Overall Summary

3030 Calgary School District No. 19

October 1, 2007

Goal	Measure Category	Measure Category Evaluation	Measure	Jurisdiction Results			Provincial Results			Measure Evaluation		
				Current Result	Prev Year Result	Prev 3 yr Average	Current Result	Prev Year Result	Prev 3 Yr Average	Achievement	Improvement	Overall
Goal 1: High Quality Learning Opportunities for All	Safe and Caring Schools	Good	Safe and Caring	82.6	83.5	81.4	84.2	84.4	82.7	Intermediate	Improved Significantly	Good
	Student Learning Opportunities	Good	Program of Studies	80.2	79.3	77.7	78.5	78.1	76.9	High	Improved Significantly	Good
			Education Quality	86.2	86.7	84.3	87.6	87.7	86.0	Intermediate	Improved Significantly	Good
			Drop Out Rate	4.9	5.0	5.6	4.7	4.9	5.3	Intermediate	Improved Significantly	Good
			High School Completion Rate (3 yr)	69.5	70.3	68.5	70.4	70.4	69.1	Intermediate	Improved	Good
Goal 2: Excellence in Learner Outcomes	Student Learning Achievement (Grades K-9)	Acceptable	PAT: Acceptable	77.3	77.9	78.5	75.9	76.9	77.1	Intermediate	Declined Significantly	Issue
			PAT: Excellence	20.9	20.6	20.2	19.5	19.1	19.3	High	Improved	Good
	Student Learning Achievement (Grades 10-12)	Good	Diploma: Acceptable	87.1	86.9	87.4	85.4	84.7	85.4	Intermediate	Maintained	Acceptable
			Diploma: Excellence	28.2	28.2	27.3	23.3	23.0	22.7	Very High	Improved	Excellent
			Diploma Exam Participation Rate (4+ Exams)	56.5	57.4	55.7	53.7	53.5	52.4	High	Maintained	Good
			Rutherford Scholarship Eligibility Rate	39.2	38.3	35.7	37.2	35.3	33.9	High	Improved Significantly	Good
	Preparation for Lifelong Learning, World of Work, Citizenship	Good	Transition Rate (4 yr)	39.5	37.9	35.5	39.5	37.0	34.6	High	Improved Significantly	Good
			Work Preparation	74.2	74.4	71.5	77.1	77.0	74.7	Intermediate	Improved Significantly	Good
Citizenship			74.5	75.4	72.9	76.6	76.8	74.7	Intermediate	Improved Significantly	Good	
Goal 3: Highly Responsive and Responsible Jurisdiction (Ministry)	Parental Involvement	Good	Parental Involvement	74.9	75.2	73.0	77.5	77.9	76.0	Intermediate	Improved Significantly	Good
	Continuous Improvement	Good	School Improvement	72.9	75.1	69.9	76.3	76.8	73.2	Intermediate	Improved Significantly	Good

Goal	Measure Category	Measure	Jurisdiction Results			Provincial Results		
			Current Result	Prev Year Result	Prev 3 Yr Average	Current Result	Prev Year Result	Prev 3 Yr Average
ACOL measure	ACOL measure	Satisfaction with Program Access	66.3	66.3	65.7	68.2	68.5	67.8
		In-service Jurisdiction Needs	73.7	76.1	74.0	78.8	78.2	77.3

## Notes:

- 1) Student Learning Achievement: PAT Values reported are weighted averages of PAT Acceptable and PAT Excellence results. Courses included: ELA (Grades 3, 6, 9), Math (Grades 3, 6, 9), Social Studies (Grades 6, 9), Science (Grades 6 only), French Language Arts (Grades 6, 9), Français (Grades 6, 9).
- 2) Student Learning Achievement: Diploma Exam Values reported are averages of Diploma Acceptable and Diploma Excellence results, weighted by the number of students enrolled in each course.
- 3) Overall evaluations can only be calculated if both improvement and achievement evaluations are available.
- 4) The ACOL measures are not evaluated as they are not part of the Accountability Pillar and are included only to enable inclusion in the AERR and 3-Year Education Plan reports.
- 5) Data values have been suppressed where the number of respondents is less than 6.

## Accountability Pillar Overall Summary

## 4010 Calgary Roman Catholic Separate School District No. 1

October 1, 2007

Goal	Measure Category	Measure Category Evaluation	Measure	Jurisdiction Results			Provincial Results			Measure Evaluation		
				Current Result	Prev Year Result	Prev 3 yr Average	Current Result	Prev Year Result	Prev 3 Yr Average	Achievement	Improvement	Overall
Goal 1: High Quality Learning Opportunities for All	Safe and Caring Schools	Good	Safe and Caring	85.0	85.7	82.8	84.2	84.4	82.7	High	Improved Significantly	Good
	Student Learning Opportunities	Good	Program of Studies	79.2	78.3	77.7	78.5	78.1	76.9	High	Improved Significantly	Good
			Education Quality	87.6	88.1	85.8	87.6	87.7	86.0	High	Improved Significantly	Good
			Drop Out Rate	2.4	3.2	3.3	4.7	4.9	5.3	Very High	Improved Significantly	Excellent
			High School Completion Rate (3 yr)	74.6	76.9	75.0	70.4	70.4	69.1	High	Maintained	Good
Goal 2: Excellence in Learner Outcomes	Student Learning Achievement (Grades K-9)	Acceptable	PAT: Acceptable	80.1	82.5	82.5	75.9	76.9	77.1	Intermediate	Declined Significantly	Issue
			PAT: Excellence	22.9	22.7	23.2	19.5	19.1	19.3	High	Maintained	Good
	Student Learning Achievement (Grades 10-12)	Acceptable	Diploma: Acceptable	85.9	85.9	87.1	85.4	84.7	85.4	Intermediate	Declined	Issue
			Diploma: Excellence	23.5	23.7	24.5	23.3	23.0	22.7	High	Declined	Acceptable
			Diploma Exam Participation Rate (4+ Exams)	59.0	58.7	57.3	53.7	53.5	52.4	High	Improved	Good
	Preparation for Lifelong Learning, World of Work, Citizenship	Good	Rutherford Scholarship Eligibility Rate	41.8	41.2	39.3	37.2	35.3	33.9	High	Improved Significantly	Good
			Transition Rate (4 yr)	47.3	43.2	39.3	39.5	37.0	34.6	Very High	Improved Significantly	Excellent
			Work Preparation	76.9	76.7	72.9	77.1	77.0	74.7	Intermediate	Improved Significantly	Good
			Citizenship	78.7	79.9	76.7	76.6	76.8	74.7	High	Improved Significantly	Good
Goal 3: Highly Responsive and Responsible Jurisdiction (Ministry)	Parental Involvement	Good	Parental Involvement	77.2	78.4	75.5	77.5	77.9	76.0	Intermediate	Improved	Good
	Continuous Improvement	Good	School Improvement	75.0	77.2	71.9	76.3	76.8	73.2	Intermediate	Improved Significantly	Good

Goal	Measure Category	Measure	Jurisdiction Results			Provincial Results		
			Current Result	Prev Year Result	Prev 3 Yr Average	Current Result	Prev Year Result	Prev 3 Yr Average
ACOL measure	ACOL measure	Satisfaction with Program Access	66.1	66.4	65.5	68.2	68.5	67.8
		In-service Jurisdiction Needs	71.0	75.1	72.1	78.8	78.2	77.3

## Notes:

- 1) Student Learning Achievement: PAT Values reported are weighted averages of PAT Acceptable and PAT Excellence results. Courses included: ELA (Grades 3, 6, 9), Math (Grades 3, 6, 9), Social Studies (Grades 6, 9), Science (Grades 6 only), French Language Arts (Grades 6, 9), Français (Grades 6, 9).
- 2) Student Learning Achievement: Diploma Exam Values reported are averages of Diploma Acceptable and Diploma Excellence results, weighted by the number of students enrolled in each course.
- 3) Overall evaluations can only be calculated if both improvement and achievement evaluations are available.
- 4) The ACOL measures are not evaluated as they are not part of the Accountability Pillar and are included only to enable inclusion in the AERR and 3-Year Education Plan reports.
- 5) Data values have been suppressed where the number of respondents is less than 6.