## Combined

Three Year Education Plan (3 YEP) 2016-2017 to 2018-2019 \&
Annual Education Results Report 2015-2016


66 South Park Drive
Leduc AB T9E 7J1
Phone: 780.986.9300
Fax: 780.986.9322
http://nd.starcatholic.ab.ca/

## Principal's Message

Bonjour! Notre Dame School has a strong tradition of Catholic education, and community support of the school is truly one of our greatest blessings. Our mission is to nurture a ChristCentered environment for all; together we are called to believe, achieve and serve. Students do well academically at Notre Dame School, rating very high on provincial achievement tests and performing excellently at each grade level.

As a school of St. Thomas Aquinas Roman Catholic Schools, we join a larger Catholic Community of Caring. Through our interactions with each other, we emphasize the virtues of caring, respect, responsibility, trust and family through our religion programs, school Masses, and in our special community projects.

We have a deep sense of social justice here at Notre Dame School as well. Jesus' example of servant leadership is alive and well.

À votre service !
Monique Tellier-Phillips
Principal
School Profile


| Principal: | Monique Tellier-Phillips | Vice Principal(s): | Colette Chamulka |
| :--- | :--- | :--- | :--- |
| Phone: | 780.986 .9300 | Student Population: <br> K-6: | 419 |
| Fax: | 780.986 .9322 | Number of Teachers: | 22.8 |
| Email: | monique.phillips@starcatholic.ab.ca | Number of Support Staff: | 12.01 |

Webpage: http://nd.starcatholic.ab.ca
Grades Served:

## Emerging Issues and Trends

- Notre Dame is operating, for the first four months of the school year, with Father Leduc School within our school. If all goes as planned, STAR Catholic's newest school Father Leduc will open its doors in January, 2017. The school within a school model is going well, with the majority of Father Leduc School being operated within our former chapel area.
- Because many of our students last year were from Father Leduc's catchment area and thus registered with Father Leduc this year, our enrolment has declined from 490 last year to 419 this year. We have approximately one fewer class per grade level, but are seeing promise of growth with four kindergarten classes this year (2 French Immersion; 2 English stream).
- The chapel area of the school will be vacant after Father Leduc leaves. As well, two classrooms in the main area of the building will be vacant. Some parents have voiced that they would like the chapel area, which has been converted to classrooms, to be reverted back to a chapel and lunchroom when Father Leduc leaves.
- A new aspect of our school we were excited to introduce in the 2016-17 school year is French Immersion at the kindergarten and grade one level. Increasing our breadth of programming allows for greater choice within our school community.
- It has been the experience of schools offering French Immersion, that staffing can be challenging. Notre Dame School will be looking at hiring a new teacher each year as we move up grade by grade each year.
- Athletic Excellence, a program which mainly focuses on soccer and hockey, is run offsite at our local recreation center. The program also offers athletic development programs such as rock climbing, downhill skiing, baseball, curling, and swimming.
- Our school and school division has continued its Response to Intervention (RTI) journey. The teachers, in addition to their traditional prep periods, receive one period per week to meet with their grade level partners in order to communicate about providing high quality instruction and student interventions.
- RTI Professional development took place at our division Learning Day and also at the subsequent day. RTI continues to be an area of focus at some of our school-based PD Days.
- We have created a school leadership team. Its function is to guide the RTI process. On the team is the Principal, two division one teachers, one division two teacher, and the school counsellor.
- We continue to experience students who need assistance with mental health.
- With regard to the Accountability Pillar, in Outcomes One (Alberta's students are successful), Three (Alberta's education is inclusive) and Five (Alberta has excellent teachers, schools, and school authority leaders), our level of achievement was either high or very high and has been maintained or improved.
- In Outcome Five (The education system is well governed and managed), we scored high / maintained in two of the performance measures. However, we declined in improvement on the percentage of teachers, parents and students satisfied with the overall quality of education.
- In our divisional goal of growing catholic identity, on every single measure from parents, teachers, and students, we were within the 80 's and 90 's for percent satisfied, with the exception of one area which was at $77 \%$. This specific area was on the student survey relating to how satisfied students are on what they are taught in Religion class.

Strategies to Address Issues and Trends

- Discussions with the school community and Central Office will need to take place in regards to what to do with the space left open when Father Leduc vacates Notre Dame School.
- To be proactive in hiring for French Immersion teachers, we will actively pursue candidates to come in for interviews well in advance of the upcoming school year. As well, Faculte St Jean Career Fair happens in January each year. We would attend this in order to recruit French Immersion teachers.
- RTI Team and School Leadership Teams to meet frequently, on opposite weeks, so as to keep our pulse on what is happening at the school and be of assistance.
- We have begun work with the Mind-Up Program which is offered at all grade levels. It is based on neuroscience and its goal is to help children understand how their brain works how it is always with them and influences their thoughts, feelings and behavior.
- Our FSLW continues to offer programs like TALK and Rainbows.
- A new Religious Studies program is being gradually implemented from year to year. It is already being well-received by both the teachers and the students, which will translate into improved outcomes on the student's views about what they are taught in Religion class.


## Combined 2016 Accountability Pillar Overall Summary

| Measure Category | Measure Category Evaluation | Measure | Notre Dame School |  |  | Alberta |  |  | Measure Evaluation |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Current Result | Prev Year Result | $\begin{gathered} \hline \text { Prev } 3 \\ \text { Year } \\ \text { Average } \\ \hline \end{gathered}$ | Current Result | Prev Year Result | $\begin{gathered} \text { Prev } 3 \\ \text { Year } \\ \text { Average } \end{gathered}$ | Achievement | Improvement | Overall |
| Safe and Caring Schools | Excellent | Safe and Caring | 91.0 | 92.0 | 91.4 | 89.5 | 89.2 | 89.1 | Very High | Maintained | Excellent |
| Student Learning Opportunities | n/a | Program of Studies | 84.5 | 90.8 | 83.6 | 81.9 | 81.3 | 81.4 | Very High | Maintained | Excellent |
|  |  | Education Quality | 91.2 | 96.8 | 95.6 | 90.1 | 89.5 | 89.5 | Very High | Declined | Good |
|  |  | Drop Out Rate | n/a | n/a | n/a | 3.2 | 3.5 | 3.5 | n/a | n/a | n/a |
|  |  | High School Completion Rate (3 yr) | n/a | n/a | n/a | 76.5 | 76.5 | 75.5 | $\mathrm{n} / \mathrm{a}$ | n/a | n/a |
| Student Learning Achievement (Grades K-9) | Excellent | PAT: Acceptable | 84.6 | 89.9 | 83.2 | 73.6 | 72.9 | 73.4 | High | Maintained | Good |
|  |  | PAT: Excellence | 28.1 | 20.3 | 17.8 | 19.4 | 18.8 | 18.6 | Very High | Improved | Excellent |
| Student Learning Achievement (Grades 10-12) | n/a | Diploma: Acceptable | n/a | n/a | n/a | 85.0 | 85.2 | 85.1 | n/a | n/a | n/a |
|  |  | Diploma: Excellence | n/a | n/a | n/a | 21.0 | 21.0 | 20.5 | n/a | n/a | n/a |
|  |  | Diploma Exam Participation Rate (4+ Exams) | n/a | n/a | n/a | 54.6 | 54.4 | 53.5 | n/a | n/a | n/a |
|  |  | Rutherford Scholarship Eligibility Rate | n/a | n/a | n/a | 60.8 | n/a | n/a | n/a | n/a | n/a |
| Preparation for Lifelong Learning, World of Work, Citizenship | n/a | Transition Rate (6 yr) | n/a | n/a | n/a | 59.4 | 59.7 | 59.3 | n/a | n/a | n/a |
|  |  | Work Preparation | 83.3 | 81.1 | 79.7 | 82.6 | 82.0 | 81.1 | High | Maintained | Good |
|  |  | Citizenship | 86.5 | 87.8 | 88.2 | 83.9 | 83.5 | 83.4 | Very High | Maintained | Excellent |
| Parental Involvement | Excellent | Parental Involvement | 88.8 | 87.5 | 81.1 | 80.9 | 80.7 | 80.5 | Very High | Maintained | Excellent |
| Continuous Improvement | Excellent | School Improvement | 90.6 | 96.2 | 88.3 | 81.2 | 79.6 | 80.0 | Very High | Maintained | Excellent |

Notes:

1. Results have been adjusted to reflect the change from previous data source systems to Provincial Approach to Student Information (PASI).
2. Due to the change from previous data source systems to Provincial Approach to Student Information (PASI), historical Rutherford Scholarship Eligibility Rate results are not available
3. Aggregated PAT results are based upon a weighted average of percent meeting standards (Acceptable, Excellence). The weights are the number of students enrolled in each course. Courses included:

English Language Arts (Grades 6, 9, 9 KAE), Français (Grades 6, 9), French Language Arts (Grades 6, 9), Mathematics (6, 9, 9 KAE), Science (Grades 6, 9, 9 KAE), Social Studies (Grades 6, 9, 9 KAE)
4. Aggregated Diploma results are a weighted average of percent meeting standards (Acceptable, Excellence) on Diploma Examinations. The weights are the number of students writing the Diploma Examination for each course. Courses included: English Language Arts 30-1, English Language Arts 30-2, French Language Arts 30-1, Français 30-1, Chemistry 30, Physics 30, Biology 30, Science 30, Social Studies 30-1, Social Studies 30-2.
5. Overall evaluations can only be calculated if both improvement and achievement evaluations are available.
6. Results for the ACOL measures are available in the detailed report: see "ACOL Measures" in the Table of Contents.
7. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
8. Participation in Diploma Examinations was impacted by the flooding in June 2013 and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
9. Survey results for the province and school authorities were impacted by the changes in the number of students responding to the survey through the introduction of the OurSCHOOL/TTFM (Tell Them From Me) survey in 2014.
10. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Measure Evaluation Reference

## Achievement Evaluation

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 5 th, 25 th, 75 th and 95 th 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

| Measure | Very Low | Low | Intermediate | High | Very High |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Safe and Caring | $0.00-77.62$ | $77.62-81.05$ | $81.05-84.50$ | $84.50-88.03$ | $88.03-100.00$ |
| Program of Studies | $0.00-66.31$ | $66.31-72.65$ | $72.65-78.43$ | $78.43-81.59$ | $81.59-100.00$ |
| Education Quality | $0.00-80.94$ | $80.94-84.23$ | $84.23-87.23$ | $87.23-89.60$ | $89.60-100.00$ |
| Drop Out Rate | $100.00-9.40$ | $9.40-6.90$ | $6.90-4.27$ | $4.27-2.79$ | $2.79-0.00$ |
| High School Completion Rate (3 yr) | $0.00-57.03$ | $57.03-62.36$ | $62.36-73.88$ | $73.88-81.79$ | $81.79-100.00$ |
| PAT: Acceptable | $0.00-66.07$ | $66.07-70.32$ | $70.32-79.81$ | $79.81-84.64$ | $84.64-100.00$ |
| PAT: Excellence | $0.00-9.97$ | $9.97-13.44$ | $13.44-19.56$ | $19.56-25.83$ | $25.83-100.00$ |
| Diploma: Acceptable | $0.00-73.77$ | $73.77-80.97$ | $80.97-86.66$ | $86.66-90.29$ | $90.29-100.00$ |
| Diploma: Excellence | $0.00-7.14$ | $7.14-13.15$ | $13.15-19.74$ | $19.74-24.05$ | $24.05-100.00$ |
| Diploma Exam Participation Rate (4+ Exams) | $0.00-31.10$ | $31.10-44.11$ | $44.11-55.78$ | $55.78-65.99$ | $65.99-100.00$ |
| Transition Rate (6 yr) | $0.00-39.80$ | $39.80-46.94$ | $46.94-56.15$ | $56.15-68.34$ | $68.34-100.00$ |
| Work Preparation | $0.00-66.92$ | $66.92-72.78$ | $72.78-77.78$ | $77.78-86.13$ | $86.13-100.00$ |
| Citizenship | $0.00-66.30$ | $66.30-71.63$ | $71.63-77.50$ | $77.50-81.08$ | $81.08-100.00$ |
| Parental Involvement | $0.00-70.76$ | $70.76-74.58$ | $74.58-78.50$ | $78.50-82.30$ | $82.30-100.00$ |
| School Improvement | $0.00-65.25$ | $65.25-70.85$ | $70.85-76.28$ | $76.28-80.41$ | $80.41-100.00$ |

Notes:

1) For all measures except Drop Out Rate: The range of values at each evaluation level is interpreted as greater than or equal to the lower value, and less than the higher value. For the Very High evaluation level, values range from greater than or equal to the lower value to 100\%.
2) Drop Out Rate measure: As "Drop Out Rate" is inverse to most measures (i.e. lower values are "better"), the range of values at each evaluation level is interpreted as greater than the lower value and less than or equal to the higher value. For the Very High evaluation level, values range from $0 \%$ to less than or equal to the higher value.

## 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 |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Improvement | 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 | Concern |
| Declined | Good | Acceptable | Issue | Issue | Concern |
| Declined Significantly | Acceptable | Issue | Issue | Concern | Concern |

## Category Evaluation

The category evaluation is an average of the Overall Evaluation of the measures that make up the category. For the purpose of the calculation, consider an Overall Evaluation of Excellent to be 2, Good to be 1, Acceptable to be 0, Issue to be -1, and Concern to be -2 . The simple average (mean) of these values rounded to the nearest integer produces the Category Evaluation value. This is converted back to a colour using the same scale above (e.g. $2=$ Excellent, $1=$ Good, $0=$ Intermediate, $-1=$ Issue, $-2=$ Concern)

## Divisional Goal: Growing Catholic Identity

| STAFF SURVEY | Strongly Agree/Agree |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Performance Measure | $\mathbf{2 0 1 4 - 2 0 1 5}$ | $2015-2016$ |  |  |
| Staff at school uphold the dignity of every student as a child of God. | $89 \%$ | $94 \%$ |  |  |
| The school provides students with opportunities to pray and to grow in their faith. | $97 \%$ | $100 \%$ |  |  |
| Staff at the school take the opportunity to permeate and infuse faith into what they <br> teach. | $89 \%$ | $86 \%$ |  |  |
| Staff at the school, through their words and actions, help students to better know <br> Christ. | $94 \%$ | $92 \%$ |  |  |
| The school helps those less fortunate. Examples: Charity, Good works, and <br> Social justice | $91 \%$ | $100 \%$ |  |  |


| PARENT SURVEY | Strongly Agree/Agree |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Performance Measure | $\mathbf{2 0 1 4 - 2 0 1 5}$ | $\mathbf{2 0 1 5 - 2 0 1 6}$ |  |  |
| My Child's school upholds the dignity of every student as a child of God. | $91 \%$ | $91 \%$ |  |  |
| l am pleased with the opportunities my child has to pray and to grow in his or her <br> faith. | $86 \%$ | $95 \%$ |  |  |
| My child learns about faith throughout the school day, not just in religion class. | $67 \%$ | $88 \%$ |  |  |
| The staff at the school, through their words and actions, help students to better <br> know Christ. | $84 \%$ | $83 \%$ |  |  |
| The school helps those less fortunate. Examples: Charity, Good works, and <br> Social justice | $78 \%$ | $83 \%$ |  |  |


| STUDENT SURVEY | Strongly Agree/Agree |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Performance Measure | 2014-2015 | $2015-2016$ |  |  |
| The school treats me with dignity and as a child of God. | $78 \%$ | $85 \%$ |  |  |
| I have the opportunity to pray in school each day. | $87 \%$ | $92 \%$ |  |  |
| What I learn in religion class is important and valuable to me. | $72 \%$ | $77 \%$ |  |  |
| The adults at the school encourage me to grow in my relationship with God. | $85 \%$ | $91 \%$ |  |  |
| My school helps those less fortunate through charity, good works and social <br> justice. | $82 \%$ | $91 \%$ |  |  |

## Divisional Goal: Growing Catholic Identity Continued

## Faith Strategy Example \#1:

The social justice and charity projects that take place at Notre Dame School always have as their central focus a Catholic rationale. The "why" of what we are doing, which is centered on God, Jesus Christ, and the Holy Spirit, is continually shared with the students in all that we do for and with others. As a whole school we are involved in a Terry Fox cancer research fundraising drive, Food Bank initiatives (Drive Away Hunger), assisting with the collection of clothing items for the Marian Center, and our Christmas scarf, mittens, socks and toques Tree of Warmth drive, amongst other projects. The school also has a "Pray for Peace" Club which utilizes a Multiple Intelligences Approach, presenting to children various ways they can pray for peace in our world. Mother Mary is a focal point. In addition, a new initiative this year includes visits by our Grade 5 students, in groups of four each time, to Salem Manor Nursing Home where they spend time with the elderly. This happens every second Tuesday afternoon.

Link to Board Priority - Key Indicator:
Deepen understanding of the Catholic rationale that guides whole-school and grade-level social justice and charity projects.

## Faith Strategy Example \#2:

We have several staff that are involved in the district mentorship program. This program is designed for new staff as well as staff that are new to the district. In addition, one of our staff members is part of the EXCEL Academy which is offered by our district in partnership with Newman Theological College. Another staff member is taking advantage of the program at St. Joseph's College called "Dinner and a Course" which is a four-evening course on issues of faith.

At the school level, we are continuing to introduce the new Religious Education Program Growing in Faith, Growing in Christ which is currently available to our Grade 1 and 2 students As well, we have a teacher who represents the school as a member of the district's Religious Education Committee. Each year there are staff members who attend the SPICE Conference and the Blueprints Conference, both of which allow participants to grow in their faith. We also have an annual staff retreat which is taking place this year on January $31^{\text {st }}$.

Link to Board Priority - Key Indicator:
Mentor and encourage ongoing faith formation, study and practice in the Catholic faith.
$\square$


Outcome One: Alberta's students are successful

| Performance Measure | Results (in percentages) |  |  |  |  | $\begin{array}{\|c\|} \hline \text { Target } \\ \hline 2016 \\ \hline \end{array}$ | Evaluation |  |  | Targets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 | 2016 |  | Achievement | Improvement | Overall | 2017 | 2018 | 2019 |
| Overall percentage of students in Grades 6 and 9 who achieved the acceptable standard on Provincial Achievement Tests (overall cohort results). | 88.0 | 82.8 | 76.8 | 89.9 | 84.6 |  | High | Maintained | Good |  |  |  |
| Overall percentage of students in Grades 6 and 9 who achieved the standard of excellence on Provincial Achievement Tests (overall cohort results). | 27.1 | 14.2 | 18.9 | 20.3 | 28.1 |  | Very High | Improved | Excellent |  |  |  |

## Comment on Results

(an assessment of progress toward achieving the target)
There was a drop of 5.3 percent in overall students who achieved the acceptable standard on Provincial Achievement tests in Grade 6. However, this level was still rated as high. In comparison to the province, Notre Dame School is still above provincial average, even with this drop.

With regard to the percentage of students who achieved standard of excellence, we rate very high, an improvement of $7.8 \%$ since last year.

## Strategies

We will continue to offer professional development opportunities for our teachers at all grade levels so they stay up to date with pedagogy. The work of the Grade 6 teachers is part of why we do well on achievement tests; however, the students are well prepared academically as they enter grade 6. Staff will continue to work to familiarize themselves with the "big rocks" of the curriculum. This will come as a team approach whereby the Grade 5 teachers, for example, will ensure that students have the stepping stones needed to prepare them for the next grade level. This vertical approach will be applied to all grade levels. We will have a vertical planning day part day through the year so teachers have time to examine "big rocks" with teachers in the grade level before them and after them.

## Notes:

1. Results have been adjusted to reflect the change from previous data source systems to Provincial Approach to Student Information (PASI).
2. Aggregated PAT results are based upon a weighted average of percent meeting standards (Acceptable, Excellence). The weights are the number of students enrolled in each course. Courses included: English Language Arts (Grades 6, 9, 9 KAE), Français (Grades 6, 9), French Language Arts (Grades 6, 9), Mathematics (6, 9, 9 KAE), Science (Grades 6, 9, 9 KAE), Social Studies (Grades 6, 9, 9 KAE).
3. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
4. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).


## Outcome One: Alberta's students are successful (continued)

| Performance Measure | Results (in percentages) |  |  |  |  | $\begin{array}{\|c\|} \hline \text { Target } \\ \hline \\ \hline \end{array}$ | Evaluation |  |  | Targets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 | 2016 |  | Achievement | Improvement | Overall | 2017 | 2018 | 2019 |
| Percentage of teachers, parents and students who are satisfied that students model the characteristics of active citizenship. | 85.8 | 89.5 | 87.3 | 87.8 | 86.5 |  | Very High | Maintained | Excellent |  |  |  |
| Percentage of teachers and parents who agree that students are taught attitudes and behaviours that will make them successful at work when they finish school. | 70.8 | 82.9 | 75.0 | 81.1 | 83.3 |  | High | Maintained | Good |  |  |  |

## Comment on Results

(an assessment of progress toward achieving the target)
We are extremely pleased with the consistent very high achievement in the area of active citizenship. As well, with regard to attitudes and behaviours being taught that will make students successful at work when they finish school, Notre Dame School was at its highest percentage in five years.

## Strategies

Students are encouraged to be active citizens. When they model the characteristics of active citizenship (i.e. helpfulness, kindness, service, etc.) their name is written on a "bucket filler" slip and deposited into one of the buckets placed on a bulletin board in the hallway. Names are then drawn from the buckets to receive prizes at our spirit day assemblies. Other ways in which students are active citizens is in their involvement with the liturgical ministry during our celebrations and Masses. Examples of clubs that students get involved in are the Social Justice Club and Playground Pals.

Our Social Justice Club meets regularly and consists of a group of students from Grade 4 to 6 and three teachers. They strive to make positive changes both in the community and the world. Their initiatives entail a variety of local charitable donations and global awareness with the help of Development and Peace.

Our Playground Pals program is a peer-led playground leadership program that encourages all children to participate in activities regardless of their gender, size, or ability. Bins of playground items, such as balls and Frisbees, are brought out to the playground at recess by students who monitor signing out of the equipment. Playground Pals also play with younger children. The Playground Pals program benefits students by increasing their physical activity, decreasing conflict, and providing leadership opportunities.

Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

Outcome Three: Alberta's education system is inclusive

| Performance Measure | Results (in percentages) |  |  |  |  | Target <br> 2016 | Evaluation |  |  | Targets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 | 2016 |  | Achievement | Improvement | Overall | 2017 | 2018 | 2019 |
| Percentage of teacher, parent and student agreement that: students are safe at school, are learning the importance of caring for others, are learning respect for others and are treated fairly in school. | 89.4 | 93.8 | 88.2 | 92.0 | 91.0 |  | Very High | Maintained | Excellent |  |  |  |

## Comment on Results

(an assessment of progress toward achieving the target)
This is another area in which Notre Dame School excels. We are proud of the many activities and programs that take place at our school which contribute to this positive statistic.

## Strategies

Notre Dame School is a safe and caring environment where students are learning the importance of caring for others, are learning respect for others and are treated fairly in school. When students need behavioral support, we have a Positive Transitions program which ensures them to receive the assistance they require if they were "off track." This program helps students to realize that we want everyone to be treated with respect and that caring and respecting others is expected. Other programs include Be Cool (Conflict Resolution) and Mind Up (Thought processes; Behaviour).

Clubs and programs in which students can demonstrate care for others is the Rainbow Club, the Soup for the Soul initiative, the Terry Fox Walk fundraiser, Food Bank Drives, Marian Center Drives, and the Tree of Warmth Drive.

## Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

Outcome Four: Alberta has excellent teachers, school and school authority leaders

| Performance Measure | Results (in percentages) |  |  |  |  | $\begin{array}{\|c\|} \hline \text { Target } \\ \hline 2016 \\ \hline \end{array}$ | Evaluation |  |  | Targets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 | 2016 |  | Achievement | Improvement | Overall | 2017 | 2018 | 2019 |
| Percentage of teachers, parents and students satisfied with the opportunity for students to receive a broad program of studies including fine arts, career, technology, and health and physical education. | 79.4 | 79.8 | 80.2 | 90.8 | 84.5 |  | Very High | Maintained | Excellent |  |  |  |

## Comment on Results

(an assessment of progress toward achieving the target)
At Notre Dame School we have a broad program of studies which incorporates all components. As a result, our statistics in this area remain very high, with an overall evaluation of excellent.

## Strategies

Music is a very popular program at our school. Supplementary to this subject is a choir which all students are invited to be a part of. The school also hosts a Dance Club and a Musical Theatre Club. Another optional program which is in addition to Physical Education is our Athletics Excellence program which allows students to participate in a variety of off campus activities. Also popular is our intramurals program which allows students to participate, at lunch hour, in activities such as basketball, floor hockey, soccer and track. In addition, the school has boys' and girls' basketball teams. Plus, for four evenings throughout the winter, we have a ski / snowboard club to Rabbit Hill. Finally, in June we run a Sport Fun Day.

## Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Outcome Five: The education system is well governed and managed

| Performance Measure | Results (in percentages) |  |  |  |  | $\begin{array}{\|c\|} \hline \text { Target } \\ \hline 2016 \\ \hline \end{array}$ | Evaluation |  |  | Targets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 | 2016 |  | Achievement | Improvement | Overall | 2017 | 2018 | 2019 |
| Percentage of teachers, parents and students indicating that their school and schools in their jurisdiction have improved or stayed the same the last three years. | 84.5 | 81.9 | 86.7 | 96.2 | 90.6 |  | Very High | Maintained | Excellent |  |  |  |
| Percentage of teachers and parents satisfied with parental involvement in decisions about their child's education. | 85.6 | 84.2 | 71.5 | 87.5 | 88.8 |  | Very High | Maintained | Excellent |  |  |  |
| Percentage of teachers, parents and students satisfied with the overall quality of basic education. | 95.5 | 97.3 | 92.8 | 96.8 | 91.2 |  | Very High | Declined | Good |  |  |  |

## Comment on Results

(an assessment of progress toward achieving the target)
Interestingly, we declined in the area of improvement in the percentage of teachers, parents and students satisfied with the overall quality of education. At the same time, though, we still were rated as very high in achievement and good overall.

## Strategies

When this statistic was brought forth to parents and teachers, some of the strategies to improve this area were as follows:

- Make more use of technology
- Create clear outcomes for both students and parents and share these outcomes with both parties
- Share with parents via e-mail weekly updates of what students are learning
- Because education isn't just about academics, parents indicated that they liked the opportunity students had to participate in service projects, sports programs, fine arts programs, and groups such as Rainbows.


## Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk ( ${ }^{*}$ ).

## APPENDIX - Measure Details

The following pages include tables and graphs that provide detailed data for the performance measures. Schools may include these under each measure/outcome to provide context and help in interpreting the results.

## Citizenship - Measure Details

| Percen | of teac | rs, pa | nts an | den | who |  | th | den | mod | e |  | of | e C | nship |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | School |  |  |  |  | uthorit |  |  |  |  | Provinc |  |  |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Overall | 85.8 | 89.5 | 87.3 | 87.8 | 86.5 | 85.9 | 85.3 | 86.7 | 85.4 | 85.3 | 82.5 | 83.4 | 83.4 | 83.5 | 83.9 |
| Teacher | 98.3 | 97.5 | 100.0 | 98.2 | 95.1 | 97.8 | 96.8 | 96.8 | 98.2 | 96.8 | 93.1 | 93.6 | 93.8 | 94.2 | 94.5 |
| Parent | 89.1 | 94.0 | 83.3 | 88.3 | 82.0 | 83.4 | 84.8 | 83.8 | 81.6 | 84.1 | 79.4 | 80.3 | 81.9 | 82.1 | 82.9 |
| Student | 70.2 | 77.1 | 78.6 | 76.9 | 82.5 | 76.5 | 74.4 | 79.5 | 76.5 | 75.1 | 75.0 | 76.2 | 74.5 | 74.2 | 74.5 |



Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Work Preparation - Measure Details

Percentage of teachers and parents who agree that students are taught attitudes and behaviours that will make them successful at work when they finish school.

|  | School |  |  |  |  | Authority |  |  |  |  | Province |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ |
| Overall | 70.8 | 82.9 | 75.0 | 81.1 | 83.3 | 84.0 | 81.7 | 82.2 | 85.6 | 85.2 | 79.7 | 80.3 | 81.2 | 82.0 | 82.6 |
| Teacher | 87.0 | 95.8 | 88.5 | 95.5 | 96.0 | 94.5 | 92.8 | 89.6 | 93.6 | 93.9 | 89.5 | 89.4 | 89.3 | 89.7 | 90.5 |
| Parent | 54.5 | 70.0 | 61.5 | 66.7 | 70.6 | 73.4 | 70.7 | 74.8 | 77.6 | 76.5 | 69.9 | 71.1 | 73.1 | 74.2 | 74.8 |

[^0]Provincial Achievement Test Results - Measure Details
PAT Course by Course Results by Number Enrolled.

|  |  | Results (in percentages) |  |  |  |  |  |  |  |  |  | $\begin{gathered} \hline \text { Target } \\ \hline 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2012 |  | 2013 |  | 2014 |  | 2015 |  | 2016 |  |  |  |
|  |  | A | E | A | E | A | E | A | E | A | E | A | E |
| English Language Arts 6 | School | 90.6 | 14.6 | 88.2 | 11.8 | 83.8 | 24.2 | 91.9 | 20.3 | 88.9 | 27.2 |  |  |
|  | Authority | 87.4 | 16.5 | 83.9 | 13.3 | 79.7 | 18.7 | 87.4 | 21.9 | 88.1 | 22.6 |  |  |
|  | Province | 82.7 | 17.8 | 82.5 | 16.3 | 81.9 | 17.6 | 82.8 | 19.5 | 82.9 | 20.4 |  |  |
| French Language Arts 6 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | n/a | n/a | n/a | n/a | n/a | n/a | * | * | 100.0 | 27.3 |  |  |
|  | Province | 89.3 | 17.3 | 88.6 | 16.3 | 88.0 | 15.6 | 87.5 | 13.6 | 87.7 | 14.2 |  |  |
| Français 6 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Province | 91.0 | 21.9 | 94.0 | 21.6 | 90.6 | 17.1 | 89.0 | 15.0 | 91.4 | 17.2 |  |  |
| Mathematics 6 | School | 85.4 | 22.9 | 76.5 | 8.8 | 71.7 | 10.1 | 85.1 | 10.8 | 81.5 | 14.8 |  |  |
|  | Authority | 77.4 | 18.7 | 73.9 | 12.9 | 71.1 | 13.4 | 78.1 | 13.3 | 76.5 | 12.6 |  |  |
|  | Province | 74.7 | 16.6 | 73.0 | 16.4 | 73.5 | 15.4 | 73.2 | 14.1 | 72.2 | 14.0 |  |  |
| Science 6 | School | 91.7 | 41.7 | 86.3 | 20.6 | 81.8 | 28.3 | 97.3 | 35.1 | 85.2 | 38.3 |  |  |
|  | Authority | 83.9 | 38.7 | 81.5 | 26.5 | 78.5 | 30.1 | 86.4 | 28.9 | 84.2 | 29.0 |  |  |
|  | Province | 77.8 | 28.2 | 77.5 | 25.9 | 75.9 | 24.9 | 76.3 | 25.3 | 78.0 | 27.1 |  |  |
| Social Studies 6 | School | 84.4 | 29.2 | 80.4 | 15.7 | 69.7 | 13.1 | 85.1 | 14.9 | 82.7 | 32.1 |  |  |
|  | Authority | 76.1 | 22.2 | 74.3 | 15.7 | 68.3 | 13.8 | 79.7 | 17.6 | 72.6 | 21.3 |  |  |
|  | Province | 73.2 | 19.5 | 72.7 | 19.0 | 70.4 | 16.6 | 69.8 | 18.1 | 71.4 | 22.0 |  |  |
| English Language Arts 9 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 80.2 | 12.4 | 82.6 | 12.7 | 84.6 | 15.9 | 82.6 | 15.6 | 83.3 | 12.4 |  |  |
|  | Province | 77.4 | 16.4 | 76.7 | 14.8 | 76.3 | 15.0 | 75.6 | 14.4 | 77.0 | 15.2 |  |  |
| English Lang Arts 9 KAE | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 68.8 | 12.5 | 57.1 | 0.0 | 58.3 | 12.5 | * | * | 50.0 | 10.0 |  |  |
|  | Province | 61.4 | 5.8 | 62.4 | 4.3 | 62.8 | 3.5 | 63.0 | 4.5 | 59.8 | 6.2 |  |  |
| French Language Arts 9 | School | n/a | n/a | n/a | $\mathrm{n} / \mathrm{a}$ | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Province | 87.5 | 12.2 | 87.2 | 13.9 | 86.5 | 11.1 | 85.8 | 10.1 | 83.0 | 10.8 |  |  |
| Français 9 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Province | 84.6 | 16.1 | 84.0 | 14.5 | 86.1 | 17.8 | 88.5 | 20.2 | 86.4 | 26.8 |  |  |
| Mathematics 9 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 78.0 | 21.4 | 79.9 | 19.6 | 74.8 | 15.9 | 76.6 | 19.8 | 78.3 | 17.0 |  |  |
|  | Province | 66.4 | 17.8 | 66.8 | 18.3 | 67.1 | 17.3 | 65.3 | 17.9 | 67.8 | 17.5 |  |  |
| Mathematics 9 KAE | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 61.5 | 23.1 | 87.0 | 30.4 | 44.0 | 12.0 | 66.7 | 33.3 | 64.3 | 7.1 |  |  |
|  | Province | 62.5 | 15.3 | 65.8 | 14.7 | 63.4 | 14.5 | 60.9 | 14.4 | 61.2 | 13.0 |  |  |
| Science 9 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 79.5 | 26.1 | 83.3 | 20.5 | 79.0 | 21.0 | 83.9 | 26.5 | 76.9 | 19.7 |  |  |
|  | Province | 74.1 | 22.4 | 72.9 | 20.0 | 73.2 | 22.1 | 74.1 | 22.8 | 74.2 | 22.4 |  |  |
| Science 9 KAE | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 52.9 | 5.9 | 83.3 | 16.7 | 54.2 | 20.8 | * | * | 60.0 | 10.0 |  |  |
|  | Province | 67.9 | 17.3 | 68.4 | 17.1 | 64.1 | 14.9 | 64.5 | 15.1 | 63.8 | 14.3 |  |  |
| Social Studies 9 | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 74.7 | 24.2 | 70.2 | 17.7 | 69.0 | 22.2 | 81.2 | 30.5 | 71.4 | 20.9 |  |  |
|  | Province | 68.9 | 19.1 | 65.5 | 18.8 | 65.5 | 19.9 | 65.1 | 19.8 | 64.7 | 18.0 |  |  |
| Social Studies 9 KAE | School | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |  |
|  | Authority | 75.0 | 6.3 | 66.7 | 0.0 | 43.5 | 13.0 | * | * | 60.0 | 20.0 |  |  |
|  | Province | 63.5 | 13.9 | 64.6 | 13.0 | 61.8 | 10.7 | 57.3 | 11.2 | 58.0 | 11.6 |  |  |

Notes:

1. Results have been adjusted to reflect the change from previous data source systems to Provincial Approach to Student Information (PASI).
2. "A" = Acceptable; "E" = Excellence - the percentages achieving the acceptable standard include the percentages achieving the standard of excellence.
3. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
4. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).


Notes:

1. Results have been adjusted to reflect the change from previous data source systems to Provincial Approach to Student Information (PASI).
2. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
3. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).
Graph of Provincial Achievement Test Results by Course

Notes:

1. Results have been adjusted to reflect the change from previous data source systems to Provincial Approach to Student Information (PASI).
2. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
3. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

PAT Results Course By Course Summary By Enrolled With Measure Evaluation

|  |  | Notre Dame School |  |  |  |  |  |  | Alberta |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Achievement | Improvement | Overall | 2016 |  | Prev 3 Year Average |  | 2016 |  | Prev 3 Year Average |  |
| Course | Measure |  |  |  | N | \% | N | \% | N | \% | N | \% |
| English Language Arts 6 | Acceptable Standard | High | Maintained | Good | 81 | 88.9 | 92 | 88.0 | 47,606 | 82.9 | 45,843 | 82.4 |
|  | Standard of Excellence | Very High | Improved | Excellent | 81 | 27.2 | 92 | 18.8 | 47,606 | 20.4 | 45,843 | 17.8 |
| French Language Arts 6 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2,854 | 87.7 | 2,780 | 88.0 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2,854 | 14.2 | 2,780 | 15.1 |
| Français 6 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 569 | 91.4 | 500 | 91.2 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 569 | 17.2 | 500 | 17.9 |
| Mathematics 6 | Acceptable Standard | High | Maintained | Good | 81 | 81.5 | 92 | 77.8 | 47,512 | 72.2 | 45,774 | 73.2 |
|  | Standard of Excellence | Intermediate | Maintained | Acceptable | 81 | 14.8 | 92 | 9.9 | 47,512 | 14.0 | 45,774 | 15.3 |
| Science 6 | Acceptable Standard | Intermediate | Maintained | Acceptable | 81 | 85.2 | 92 | 88.5 | 47,543 | 78.0 | 45,788 | 76.6 |
|  | Standard of Excellence | Very High | Improved | Excellent | 81 | 38.3 | 92 | 28.0 | 47,543 | 27.1 | 45,788 | 25.3 |
| Social Studies 6 | Acceptable Standard | High | Maintained | Good | 81 | 82.7 | 92 | 78.4 | 47,522 | 71.4 | 45,710 | 71.0 |
|  | Standard of Excellence | Very High | Improved Significantly | Excellent | 81 | 32.1 | 92 | 14.6 | 47,522 | 22.0 | 45,710 | 17.9 |
| English Language Arts 9 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,780 | 77.0 | 38,487 | 76.2 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,780 | 15.2 | 38,487 | 14.8 |
| English Lang Arts 9 KAE | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1,638 | 59.8 | 1,514 | 62.7 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1,638 | 6.2 | 1,514 | 4.1 |
| French Language Arts 9 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2,611 | 83.0 | 2,584 | 86.5 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2,611 | 10.8 | 2,584 | 11.7 |
| Français 9 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 403 | 86.4 | 372 | 86.2 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | $\mathrm{n} / \mathrm{a}$ | n/a | 403 | 26.8 | 372 | 17.5 |
| Mathematics 9 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,253 | 67.8 | 38,217 | 66.4 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,253 | 17.5 | 38,217 | 17.8 |
| Mathematics 9 KAE | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2,125 | 61.2 | 1,872 | 63.4 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2,125 | 13.0 | 1,872 | 14.6 |
| Science 9 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,834 | 74.2 | 38,760 | 73.4 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,834 | 22.4 | 38,760 | 21.6 |
| Science 9 KAE | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | $\mathrm{n} / \mathrm{a}$ | n/a | 1,591 | 63.8 | 1,492 | 65.7 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1,591 | 14.3 | 1,492 | 15.7 |
| Social Studies 9 | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | $\mathrm{n} / \mathrm{a}$ | n/a | 43,775 | 64.7 | 38,759 | 65.4 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 43,775 | 18.0 | 38,759 | 19.5 |
| Social Studies 9 KAE | Acceptable Standard | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1,608 | 58.0 | 1,454 | 61.2 |
|  | Standard of Excellence | n/a | n/a | n/a | n/a | n/a | $\mathrm{n} / \mathrm{a}$ | n/a | 1,608 | 11.6 | 1,454 | 11.6 |

Notes:

1. Results have been adjusted to reflect the change from previous data source systems to Provincial Approach to Student Information (PASI).
2. Achievement Evaluation is not calculated for courses that do not have sufficient data available, either due to too few jurisdictions offering the course or because of changes in tests.
3. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016.

Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
4. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Measure Evaluation Reference - Achievement Evaluation

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 Language Arts 6 | Acceptable Standard | 0.00-67.95 | 67.95-78.40 | 78.40-86.09 | 86.09-91.37 | 91.37-100.00 |
|  | Standard of Excellence | 0.00-6.83 | 6.83-11.65 | 11.65-17.36 | 17.36-22.46 | 22.46-100.00 |
| French Language Arts 6 | Acceptable Standard | 0.00-41.69 | 41.69-73.54 | 73.54-92.32 | 92.32-97.93 | 97.93-100.00 |
|  | Standard of Excellence | 0.00-2.72 | 2.72-8.13 | 8.13-15.29 | 15.29-23.86 | 23.86-100.00 |
| Mathematics 6 | Acceptable Standard | 0.00-63.91 | 63.91-70.73 | 70.73-79.61 | 79.61-88.67 | 88.67-100.00 |
|  | Standard of Excellence | 0.00-8.53 | 8.53-11.31 | 11.31-18.13 | 18.13-25.17 | 25.17-100.00 |
| Science 6 | Acceptable Standard | 0.00-60.36 | 60.36-78.51 | 78.51-86.46 | 86.46-90.64 | 90.64-100.00 |
|  | Standard of Excellence | 0.00-11.74 | 11.74-17.42 | 17.42-25.34 | 25.34-34.31 | 34.31-100.00 |
| Social Studies 6 | Acceptable Standard | 0.00-58.97 | 58.97-68.15 | 68.15-76.62 | 76.62-83.55 | 83.55-100.00 |
|  | Standard of Excellence | 0.00-7.30 | 7.30-12.45 | 12.45-19.08 | 19.08-30.09 | 30.09-100.00 |
| English Language Arts 9 | Acceptable Standard | 0.00-63.55 | 63.55-75.66 | 75.66-83.70 | 83.70-90.27 | 90.27-100.00 |
|  | Standard of Excellence | 0.00-5.96 | 5.96-9.43 | 9.43-14.72 | 14.72-20.46 | 20.46-100.00 |
| English Lang Arts 9 KAE | Acceptable Standard | 0.00-29.97 | 29.97-53.86 | 53.86-76.19 | 76.19-91.85 | 91.85-100.00 |
|  | Standard of Excellence | 0.00-0.00 | 0.00-0.30 | 0.30-10.00 | 10.00-20.31 | 20.31-100.00 |
| French Language Arts 9 | Acceptable Standard | 0.00-67.59 | 67.59-81.33 | 81.33-92.06 | 92.06-97.26 | 97.26-100.00 |
|  | Standard of Excellence | 0.00-1.67 | 1.67-6.81 | 6.81-17.11 | 17.11-28.68 | 28.68-100.00 |
| Mathematics 9 | Acceptable Standard | 0.00-52.42 | 52.42-60.73 | 60.73-73.88 | 73.88-78.00 | 78.00-100.00 |
|  | Standard of Excellence | 0.00-8.18 | 8.18-12.49 | 12.49-18.10 | 18.10-24.07 | 24.07-100.00 |
| Mathematics 9 KAE | Acceptable Standard | 0.00-28.14 | 28.14-53.85 | 53.85-75.83 | 75.83-94.44 | 94.44-100.00 |
|  | Standard of Excellence | 0.00-0.00 | 0.00-6.07 | 6.07-20.43 | 20.43-31.67 | 31.67-100.00 |
| Science 9 | Acceptable Standard | 0.00-50.57 | 50.57-60.14 | 60.14-72.50 | 72.50-76.89 | 76.89-100.00 |
|  | Standard of Excellence | 0.00-3.39 | 3.39-6.71 | 6.71-11.81 | 11.81-15.85 | 15.85-100.00 |
| Science 9 KAE | Acceptable Standard | 0.00-38.75 | 38.75-59.30 | 59.30-78.33 | 78.33-87.58 | 87.58-100.00 |
|  | Standard of Excellence | 0.00-0.00 | 0.00-7.47 | 7.47-21.41 | 21.41-40.82 | 40.82-100.00 |
| Social Studies 9 | Acceptable Standard | 0.00-56.26 | 56.26-62.27 | 62.27-74.04 | 74.04-79.85 | 79.85-100.00 |
|  | Standard of Excellence | 0.00-10.03 | 10.03-12.78 | 12.78-19.76 | 19.76-24.03 | 24.03-100.00 |
| Social Studies 9 KAE | Acceptable Standard | 0.00-38.79 | 38.79-53.82 | 53.82-72.42 | 72.42-84.88 | 84.88-100.00 |
|  | Standard of Excellence | 0.00-0.00 | 0.00-5.71 | 5.71-17.19 | 17.19-36.26 | 36.26-100.00 |

Notes:

1. The range of values at each evaluation level is interpreted as greater than or equal to the lower value, and less than the higher value. For the Very High evaluation level, values range from greater than or equal to the lower value to $100 \%$.
2. Participation in Provincial Achievement Tests was impacted by the flooding in June 2013 (Grade 9 only) and by the fires in May to June 2016. Caution should be used when interpreting trends over time for the province and those school authorities affected by these events.
3. Achievement Evaluation is not calculated for courses that do not have sufficient data available, either due to too few jurisdictions offering the course or because of changes in tests.

## 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 | Concern |
| Declined | Good | Acceptable | Issue | Issue | Concern |
| Declined Significantly | Acceptable | Issue | Issue | Concern | Concern |

Program of Studies - Measure Details
Percentage of teachers, parents and students satisfied with the opportunity for students to receive a broad program of studies including fine arts, career, technology, and health and physical education.

|  | School |  |  |  |  | Authority |  |  |  |  | Province |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ |
| Overall | 79.4 | 79.8 | 80.2 | 90.8 | 84.5 | 77.0 | 78.6 | 78.4 | 76.3 | 77.8 | 80.7 | 81.5 | 81.3 | 81.3 | 81.9 |
| Teacher | 85.3 | 88.4 | 85.1 | 95.1 | 93.5 | 86.0 | 85.8 | 84.8 | 86.3 | 87.6 | 87.3 | 87.9 | 87.5 | 87.2 | 88.1 |
| Parent | 73.6 | 71.3 | 75.2 | 86.5 | 75.5 | 75.1 | 76.9 | 78.1 | 72.5 | 77.1 | 78.1 | 78.9 | 79.9 | 79.9 | 80.1 |
| Student | n/a | n/a | n/a | n/a | n/a | 70.0 | 73.1 | 72.2 | 70.0 | 68.6 | 76.9 | 77.8 | 76.6 | 76.9 | 77.5 |



Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Parental Involvement - Measure Details

| Percen | teac | rs and | parent | atisfi | with |  | volven | ent in |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | School |  |  |  |  | uthorit |  |  |  |  | rovinc |  |  |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Overall | 85.6 | 84.2 | 71.5 | 87.5 | 88.8 | 82.9 | 82.3 | 79.3 | 80.0 | 82.4 | 79.7 | 80.3 | 80.6 | 80.7 | 80.9 |
| Teacher | 92.0 | 98.3 | 87.7 | 99.1 | 97.6 | 90.1 | 88.6 | 86.6 | 90.9 | 90.2 | 88.0 | 88.5 | 88.0 | 88.1 | 88.4 |
| Parent | 79.2 | 70.0 | 55.4 | 75.9 | 80.0 | 75.7 | 76.0 | 71.9 | 69.1 | 74.7 | 71.4 | 72.2 | 73.1 | 73.4 | 73.5 |



## Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Education Quality - Measure Details

| Percentage of teachers, parents and students satisfied with the overall quality of basic education. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | School |  |  |  |  | Authority |  |  |  |  | Province |  |  |  |  |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Overall | 95.5 | 97.3 | 92.8 | 96.8 | 91.2 | 92.2 | 92.5 | 90.9 | 91.2 | 90.5 | 89.4 | 89.8 | 89.2 | 89.5 | 90.1 |
| Teacher | 97.8 | 98.6 | 100.0 | 100.0 | 93.9 | 98.9 | 98.6 | 97.7 | 97.6 | 96.3 | 95.4 | 95.7 | 95.5 | 95.9 | 96.0 |
| Parent | 95.5 | 95.0 | 85.9 | 92.9 | 84.9 | 87.4 | 89.8 | 85.3 | 86.3 | 87.4 | 84.2 | 84.9 | 84.7 | 85.4 | 86.1 |
| Student | 93.2 | 98.2 | 92.6 | 97.5 | 94.9 | 90.3 | 89.1 | 89.6 | 89.8 | 87.8 | 88.6 | 88.7 | 87.3 | 87.4 | 88.0 |



Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Safe and Caring - Measure Details

Percentage of teacher, parent and student agreement that: students are safe at school, are learning the importance of caring for others, are learning respect for others and are treated fairly in school.

|  | School |  |  |  |  | Authority |  |  |  |  | Province |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Overall | 89.4 | 93.8 | 88.2 | 92.0 | 91.0 | 89.5 | 90.2 | 90.5 | 91.0 | 89.7 | 88.6 | 89.0 | 89.1 | 89.2 | 89.5 |
| Teacher | 96.5 | 97.5 | 97.8 | 100.0 | 96.0 | 96.4 | 96.9 | 97.1 | 97.4 | 96.4 | 94.8 | 95.0 | 95.3 | 95.4 | 95.4 |
| Parent | 94.5 | 98.0 | 87.5 | 93.2 | 89.8 | 87.4 | 90.5 | 88.4 | 89.0 | 88.8 | 87.4 | 87.8 | 88.9 | 89.3 | 89.8 |
| Student | 77.1 | 86.0 | 79.3 | 82.9 | 87.4 | 84.6 | 83.3 | 86.0 | 86.5 | 84.0 | 83.7 | 84.2 | 83.1 | 83.0 | 83.4 |



[^1]2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## School Improvement - Measure Details

| Percentage of teachers, parents and students indicating that their school and schools in their jurisdiction have improved or stayed the same the last three years. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | School |  |  |  |  | Authority |  |  |  |  | Province |  |  |  |  |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Overall | 84.5 | 81.9 | 86.7 | 96.2 | 90.6 | 86.4 | 85.7 | 83.3 | 82.9 | 82.4 | 80.0 | 80.6 | 79.8 | 79.6 | 81.2 |
| Teacher | 87.0 | 81.0 | 79.2 | 100.0 | 92.0 | 89.1 | 88.8 | 83.2 | 86.5 | 87.6 | 81.1 | 80.9 | 81.3 | 79.8 | 82.3 |
| Parent | 81.8 | 70.0 | 92.3 | 100.0 | 89.5 | 84.1 | 84.0 | 78.9 | 79.9 | 78.8 | 76.2 | 77.9 | 77.0 | 78.5 | 79.7 |
| Student | 84.6 | 94.7 | 88.7 | 88.5 | 90.2 | 86.0 | 84.3 | 87.9 | 82.4 | 80.7 | 82.7 | 82.9 | 81.2 | 80.7 | 81.5 |



Notes:

1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014.
2. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).

## Calendar of School Professional Development 2016-2017

| Date | Professional Development Activity | Rationale |
| :---: | :---: | :---: |
| Aug 29th | Reflection Day - Dr. Troy Davies; Breakout Sessions; Archbishop Richard Smith | Evangelization |
| Sept 16th | Mass - Leduc Schools Meet the Teachers Long Range Plans TPGP <br> Timetables Staff Meeting | Understanding the TPGP - Teacher Quality Standard. |
| Oct 20th | Division Learning Day | RTI / PLC's - Tom Hierck |
| Oct 21st | Maplewood (9:00 10:00) Division Day Follow Up (10:15-11:45) Mind-Up Inservice (1:00-2:00) - Johanna Barron | Familiarize staff with report card and outcomes in new Maplewood system. <br> Review teachings from Learning Day. Introduction of Mind-Up program being implemented |
| Nov 1st | Chris Kish - Tier One Folder (9:30 - Noon) 1:00 Staff Meeting | Chris will walk the teachers through the tier one folder. Will also examine the tool staff filled in to show what tier one strategies they currently have in place. |
| Dec 2nd | Teacher's Institute | Teachers' choose their own learning. |
| Jan 31st | Chris Kish - 9:15- <br> 11:30 <br> Session on <br> Student/Staff <br> Relationship Piece <br> Retreat (Clare) - 1:00- 3:00 | At Lions Campground Hall <br> Session One - With all staff, will do an activity which looks at which students staff have a relationship which the student feels comfortable going to see them. <br> Session Two - Retreat facilitated by Clare |
| Feb 9th/10th | Teacher's Convention | Plethora of sessions to choose from at Shaw Convention Center |
| March 3rd | TTFM Analysis Staff Meeting | Use TTFM data to aid in school improvement |


| March <br> 24th | New TQS | Familiarizing staff with upcoming TQS. |
| :--- | :--- | :--- |
| April <br> 18th | Learning with the Brain <br> in Mind | Jensen, 2005 reminds us that teachers must be <br> experts on the organ they teach-the brain! The <br> more we as educators understand the brain, the <br> better able we are to design instruction to match <br> how our students learn best. Knowledge about brain <br> development and function allows teachers to make <br> informed decisions about teaching practice related <br> to learning-is testing good for the brain?; how <br> should a lesson be structured in order to achieve <br> maximum learning and recall?; what affect does <br> physical activity have on learning?; and, how are <br> diet, gender, music training, sleep and stress <br> connected to learning? Participants will explore a <br> range of topics related to the brain and learning, and <br> discover how to develop teaching strategies that <br> engage our students' brains. |
| May <br> 18th | Understanding <br> Histories, Cultures, and <br> World Views of <br> Alberta's FNMI <br> Peoples | Provides foundational information that examines <br> First Nations, Métis, and Inuit cultures, histories, and <br> world views. <br> The workshop will model appropriate local protocols and <br> provide <br> opportunities to experience learning strategies that work <br> effectively <br> with aboriginal learners. Participants will receive <br> Education is Our <br> Buffalo - A Teacher's Resource for First Nations, Métis <br> and Inuit <br> Education." <br> "This initial workshop provides foundational information <br> that examines <br> First Nations, Métis, and Inuit cultures, histories, and <br> world views. <br> The workshop will model appropriate local protocols and <br> provide <br> opportunities to experience learning strategies that work <br> effectively <br> with aboriginal learners. Participants will receive <br> Education is Our <br> Buffalo - A Teacher's Resource for First Nations, Métis <br> and Inuit <br> Education." |

## Liturgies and Masses for 2016-2017

Friday, September $13^{\text {th }}-$ Opening Mass @ 9:30 a.m.
Friday, October $7^{\text {th }}$ - Grade 4 Teaching Mass and Bible distribution @ 1:30 p.m.
Thursday, October $13^{\text {th }}-$ Thanksgiving Mass @ 9:30 a.m.
Wednesday, October $19^{\text {th }}$ - Living Rosary @ 9:30 a.m.
Wednesday, November $9^{\text {th }}-$ Remembrance Day Ceremony @ 10:00 a.m.
Monday, November $28^{\text {th }}-$ Advent Celebration - Week One @ 8:45 a.m.
Monday, December $5^{\text {th }}-$ Advent Celebration - Week Two @ 8:45 a.m.
Tuesday, December $13^{\text {th }}-$ Advent Mass @ 9:30 a.m.
Monday, December 19 ${ }^{\text {th }}-$ Advent Celebration - Week Four @ 8:45 a.m.
Wednesday, March $1^{\text {st }}$ - Ash Wednesday - Liturgy of the Word @ 8:45 a.m.
Friday, April $21^{\text {st }}-$ Easter Mass @ 10:00 a.m.
Thursday, June $15^{\text {th }}-$ Year End Mass @ 9:30 a.m.

## Budget Report

| St. Thomas Aquinas Roman Catholic Schools 2016-2017 Working Revised Budget |  |  |
| :---: | :---: | :---: |
| Notre Dame |  |  |
| Revenue And Allocations To Budget Center |  |  |
| Instruction Program Allocations | 2016-2017 Working Revised Budget |  |
| Total Instruction Program Allocations \% of Revenue And Allocations To Budget Center | $\begin{array}{r} \$ 2,861,268 \\ 94 \% \end{array}$ |  |
| Local Revenues \& Fees | 2016-2017 Working Revised Budget |  |
| Total Local Revenues \& Fees \% of Revenue And Allocations To Budget Center | $\begin{array}{r} \$ 173,000 \\ 6 \% \\ \hline \end{array}$ |  |
| Total Revenue And Allocations To Budget Center | \$3,034,268 |  |
| Expenditures |  |  |
| Certificated Staff | 2016-2017 Working Revised Budget |  |
| Total Certificated Staff \% of Expenditures | $\begin{array}{r} \$ 2,361,242 \\ 78 \% \\ \hline \end{array}$ |  |
| Uncertificated Staff | 2016-2017 Working Revised Budget |  |
| Total Uncertificated Staff \% of Expenditures | $\begin{array}{r} \$ 543,411 \\ 18 \% \\ \hline \end{array}$ |  |
| Services Contracts and Supplies | 2016-2017 Working Revised Budget |  |
| Total Services Contracts and Supplies \% of Expenditures | $\begin{array}{r} \$ 129,615 \\ 4 \% \end{array}$ |  |
| Total Expenditures | \$3,034,268 |  |
| Summary |  |  |
|  | 2016-2017 Working Revised Budget |  |
| Total Revenues and Allocations To Budget | \$3,034,268 | $\$ 0$ |
| Total Expenditures | \$3,034,268 | \$0 |
| Variance | \$0 | \$0 |

## Notes


[^0]:    

    Graph of Detailed School Results
    

    Notes:

    1. Data values have been suppressed where the number of respondents/students is fewer than 6 . Suppression is marked with an asterisk (*).
[^1]:    1. Survey results for the province and some school authorities were impacted by changes in the number of students responding to the survey through the introduction of the Tell THEM From ME survey tool in 2014
