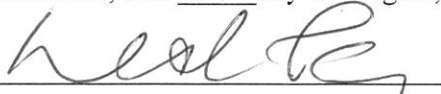


This is Exhibit "A" referred to in the
Affidavit of Andrew Gowdy
Sworn before me, this 24th day of August, 2018.



A Commissioner for Taking Affidavits

Leola Pon
LSO# 52354E



Title: Ward Boundary Review

To: Governance and Policy Committee

Date: 10 January, 2018

Report No.: 01-18-3293

Strategic Directions

- Make every school an effective school

Recommendation

It is recommended;

That trustees receive the consultants' final report on the Toronto District School Board Ward Boundary Review; and

That trustees select and approve an option regarding trustee ward boundaries to submit to the Minister of Education for approval prior to April 1, 2018, in accordance with Ontario Regulation 412/00, Elections to and Representation on District Boards.

Context

The consultants' Final Report on the TDSB Ward Boundary Review is attached as Appendix A. The Report recommends that the Board choose between two distinctly different objectives for re-aligning the trustee ward boundaries;

- a) *Option 2: Electors* - balancing the number of public school electors in each Trustee Ward (as much as possible), or

- b) *Option 5: Learning Centre Boundaries* - maintaining existing Trustee Wards (as much as possible) to support efficient delivery of education services.

The report indicates that both of these objectives are valid and appropriate when designing ward boundaries for public school trustees.

Action Plan and Associated Timeline

The Governance and Policy Committee's recommendation regarding the ward boundary review will be presented to the Board for consideration at the February 7, 2018 Board Meeting.

The Board is required to submit a ward boundary proposal to the Ministry of Education for approval prior to April 1, 2018, in accordance with Regulation 412/00 Elections to and Representation on District Boards.

Resource Implications

N/A

Communications Considerations

A communications plan will be established regarding how new trustee ward boundary information will be communicated both internally and externally, following final approval from the Minister of Education.

Board Policy and Procedure Reference(s)

N/A

Appendices

- Appendix A: TDSB Ward Boundary Review Final Report, January 10, 2018
- Appendix B: Ontario Municipal Board Ruling on City of Toronto Municipal Ward Boundaries, December 15, 2017
- Appendix C: Ontario Regulation 412/00, Elections to and Representation on District School Boards

17.

Board Services Agenda Record

Agenda Item 5.3

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FINAL REPORT

TDSB WARD BOUNDARY REVIEW



PREPARED FOR:
Toronto District School Board
5050 Yonge St, North York, ON
M2N 5N8

PREPARED BY:
CANADIAN URBAN INSTITUTE / BEATE BOWRON ETCETERA / THE DAVIDSON GROUP
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416-365-0816 ext. 223; lcavicchie@canurb.org

DATE:
January 10, 2018



FINAL REPORT: TDSB Ward Boundary Review
January 10, 2018

EXECUTIVE SUMMARY

The Toronto District School Board (TDSB) is undertaking a Ward Boundary Review (WBR) for its Trustee Wards, because the City of Toronto has changed its ward boundaries. Toronto City Council has enacted a new ward structure, to be implemented for the 2018 municipal elections, that increases the number of City Wards from 44 to 47 and changes the boundaries of most existing wards. This City Council action requires the TDSB to change the boundaries of its Trustee Wards to align with the new Toronto City wards.

Recommendation. Five Options for realigning the TDSB's Trustee Wards were developed with Trustee input and discussed during a public consultation process in October/November 2017. Based on feedback and analysis, the Consultant Team for the TDSB WBR is recommending that the TDSB choose between two options for the new alignment of the Trustee Wards: *Option 2: Electors* and *Option 5: Learning Centres Boundaries*.

Both Options meet the objectives set out in developing the option, but the objectives of each option are distinctly different. From an analytical viewpoint, it comes down to the weight or priority given to public school electors during an election for Trustees (*Option 2*), or the functioning of the education system once the Trustees have been elected (*Option 5*). Both are valid goals, but lead to a different Trustee Ward alignment.

Maps of *Option 2: Electors* and *Option 5: Learning Centres Boundaries* are presented below.

Although *Option 2* and *Option 5* are supported by the results of the feedback survey, the public consultation process does not provide clear direction regarding which of the underlying objective of either option is more important.

In the end, the Board must choose which objective has priority, elector parity or the efficient delivery of education services. Once this choice has been made, then the appropriate Option follows. Placing the priority on electors leads to *Option 2*. Placing the priority on the delivery of education services leads to *Option 5*.

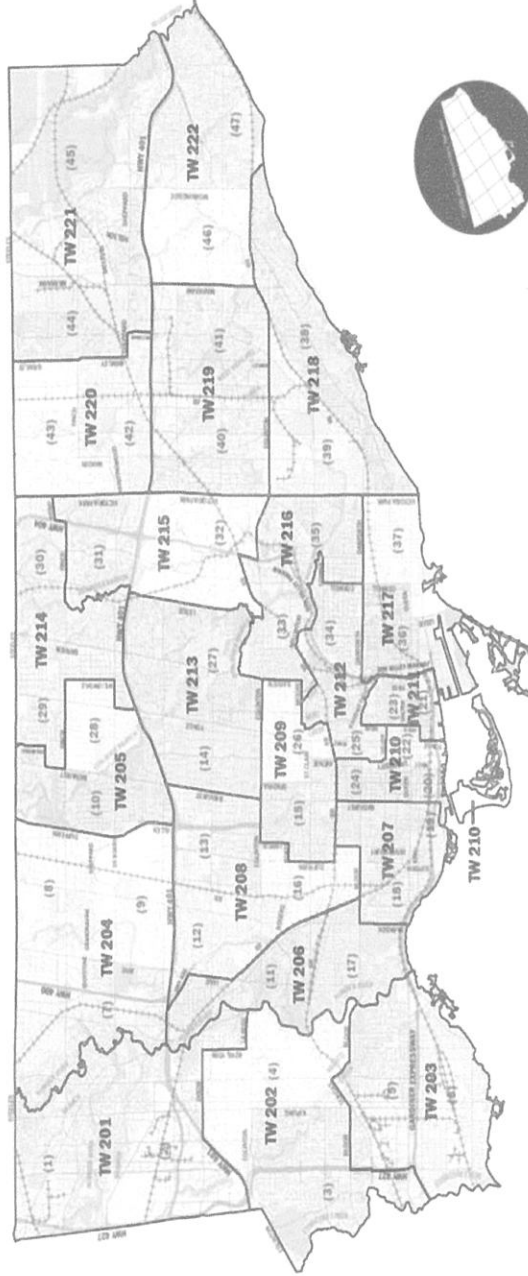


FINAL REPORT: TDSB Ward Boundary Review
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OPTION 2: ELECTOR PARITY

This option prioritizes the people who elect the Trustees. TDSB Trustees are elected by public school supporters who make up approximately 62% of the total population of a City ward. Trustee Wards (TW) are identified by the prefix "2" to indicate that they belong to Option 2: Elector parity.

TDSB TRUSTEE WARD BOUNDARY REVIEW: OPTION 2 - ELECTOR PARITY



NUMBER OF CITY WARDS
47

NUMBER OF TRUSTEE WARDS
22

Variation in Electors

Good balance. Range from 63,791 (-20%) to 93,972 (+18%). 19 Trustee Wards fall within the +/-15% variance range.

Variation in Number of Schools

Large variances. Range from 11 schools (-59%) to 39 schools (+44%). Only 9 Trustee Wards fall within the +/-15% variance range.

Variation in Number of Students

Extreme variances. Range from 4,263 students (-62%) to 15,770 students (+41%). Only 8 Trustee Wards fall within the +/-15% variance range.



FINAL REPORT: TDSB Ward Boundary Review
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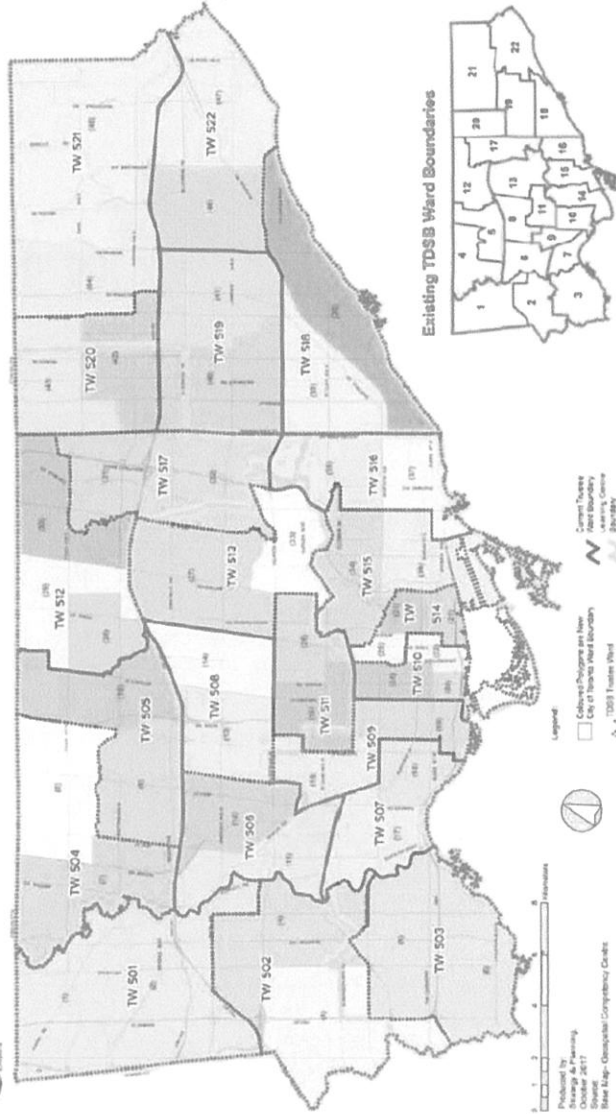
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OPTION 5: LEARNING CENTRE BOUNDARIES

This option attempts to follow the boundaries of the TDSB's four Learning Centres, first implemented in 2016.



TDSB TRUSTEE WARD BOUNDARY REVIEW: OPTION 5 - LEARNING CENTRE BOUNDARIES



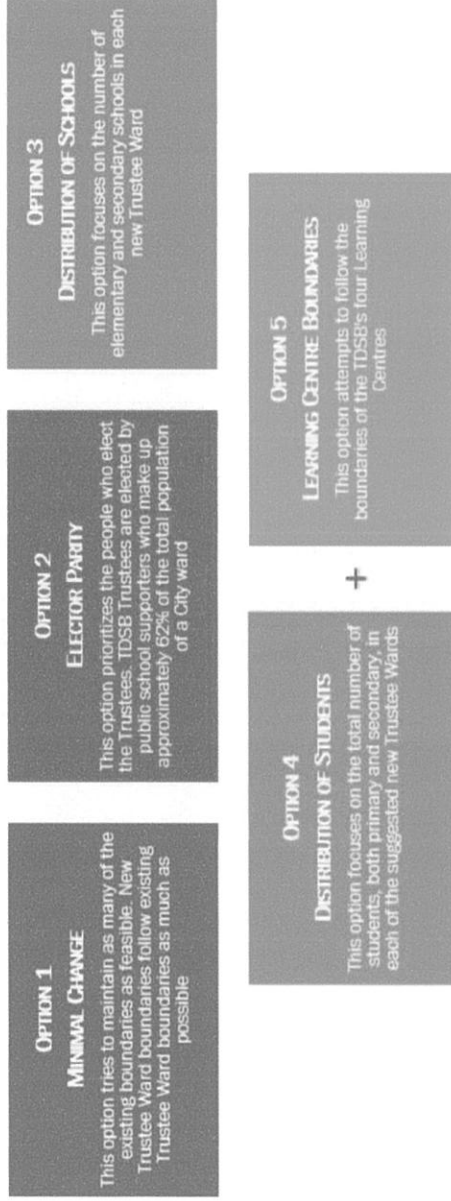
Variation in Electors	Variation in Number of Schools	Variation in Number of Students
Some variances. Range: 55,503 electors to 107,590 electors. 14 Trustee Wards fall within a +/-15% variance range.	Large variances. Range: 12 schools to 39 schools. 11 Trustee Wards fall within a +/-15% variance range.	Extreme variances. Range: 4,742 students to 17,825 students. 6 Trustee Wards fall within a +/-15% variance range.

Produced by Strategic & Planning Services, 2017
File Name: Ombudsman Compliance Charts
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FINAL REPORT: TDSB Ward Boundary Review
January 10, 2018

The Options. The Options are reviewed and analyzed in Section 3 of this Report. The following diagram depicts the 5 Options.



Detailed maps and tables for all five Options are included in Appendix F to this Report. They outline:

- The new City ward(s) that are combined to form the new Trustee Ward;
- The number of electors in each new Trustee Ward and the variance from the average for 2022;
- The number of schools in 2016/17 in each new Trustee Ward and the variance from the average; and
- The number of students in each new Trustee Ward and the variance from the average for 2022.

The following Table compares and evaluates the 5 Options in terms of how well they meet their objectives, how they balance the other variables and how similar they are to each other.

Board Services Agenda Record

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Comparing the Options

OPTION AND OBJECTIVE OF EACH OPTION	MEETING EACH OPTION'S OBJECTIVE	BALANCING OTHER VARIABLES	SIMILARITIES WITH OTHER OPTIONS
<p>Option 1: Minimal Change This Option attempts to keep Trustee Wards as similar as possible to current Trustee Wards.</p>	<p>EXCELLENT. Most Trustee Ward boundaries remain the same. Only TW109, TW 111, TW114 and TW115 have major changes. Other small boundary changes reflect changes in the new City wards.</p>	<p>GOOD for electors, 15 Trustee Wards within +/- 15%. POOR for schools, 11 Trustee Wards within +/- 15%. VERY POOR for students, only 8 Trustee Wards within +/- 15%.</p>	<p>Similarity with Option 5, as both attempt to keep existing Trustee Wards the same.</p>
<p>Option 2: Electors This Option attempts to balance the number of public school electors across new Trustee Wards.</p>	<p>EXCELLENT. Range from -20% to +18% of average. 19 Trustee Wards within +/- 15%.</p>	<p>POOR for schools and students. Only 9 Trustee Wards within +/- 15% for schools and 8 Trustee Wards within +/- 15% for students. POOR for changes to current Trustee Wards. Only 10 remain substantially the same.</p>	<p>No similarities in objectives with other Options.</p>
<p>Option 3: Distribution of Schools This Option attempts to balance the number of schools across new Trustee Wards.</p>	<p>POOR: Trustee Wards range from 16 to 34 schools. Only 12 Trustee Wards within +/- 15%.</p>	<p>POOR. Extremely large variances for electors and students with only 11 Trustee Wards within +/- 15% for each. VERY POOR for changes to current Trustee Wards. Only 6 remain substantially the same.</p>	<p>No similarities in objectives with other Options. Suffers from the same distributional issues amongst schools and students as Option 4.</p>
<p>Option 4: Distribution of Students This Option attempts to balance the number of students across new Trustee Wards.</p>	<p>POOR. Trustee Wards range from 8,212 to 15,603 students. Only 12 Trustee Wards within +/- 15%.</p>	<p>POOR. Extremely large variances for electors with only 10 Trustee Wards within +/- 15%. Schools also exhibit a large range from 15 to 37 with only 12 Trustee Wards within +/- 15%. VERY POOR for changes to current Trustee Wards. Only 3 remain substantially the same.</p>	<p>No similarities in objectives with other Options. Suffers from the same distributional issues amongst schools and students as Option 3.</p>
<p>Option 5: Learning Centre Boundaries! This Option attempts to place all new Trustee Wards within the current Learning Centre Boundaries.</p>	<p>EXCELLENT. Most Trustee Wards remain the same. Only TW509, TW510 and TW514 have major changes. Other small boundary changes reflect changes in the new City wards. Follows existing Learning Centre boundaries, except where new City wards cut across Learning Centre boundaries.</p>	<p>GOOD for electors with 14 Trustee Wards within +/- 15%. POOR for schools with 11 Trustee Wards within +/- 15%. VERY POOR for students with only 6 Trustee Wards within +/- 15%.</p>	<p>Similarity with Option 1, as both attempt to keep existing Trustee Wards the same.</p>



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TDSB WBR Mandate. The mandate of the TDSB WBR is to “develop options for an appropriate determination and distribution structure that, insofar as possible, will accommodate growth and population shifts until the year 2026” and “prepare a report detailing scope of work, findings and recommendations”. The Consultant Team for the TDSB WBR is a partnership among the Canadian Urban Institute, Beate Bowron Etcetera (Beate Bowron) and The Davidson Group (Dr. Gary Davidson).

The TDSB WBR has proceeded in 4 Steps:



This Final Report is Step Four of the TDSB WBR and follows a WBR Options Report (November 2017 Revised). The Options Report outlined 4 Options for realigning Trustee Wards. Based on initial TDSB feedback, a fifth Option was added in the Addendum to Options Report (November 2017 Revised). The five Options were discussed during a public consultation process in October/November 2017.

The Approach. The approach to the TDSB Ward Boundary Review is described in Section 2 of this Report. A municipal boundary review must consider components of effective representation and balance the components, as best as possible. The components of “effective

representation”, as used in municipal settings, are: Voter parity; Natural/Physical Boundaries; Communities of Interest; Ward History; Capacity to Represent (Workload); Geographic Size and Shape of the Ward and; Population Growth. However, all components of effective representation cannot be applied to the determination of Trustee Wards. Trustee Wards are constrained by two features of the Ontario Education Act and its Regulations. First, the maximum number of trustees is set by law. The TDSB can only have a maximum of 22 Trustees. Second, Trustee Wards must follow municipal ward boundaries to hold Trustee elections.

Basic Data. The Board needs a Trustee Ward system that will last for at least three election cycles – 2018, 2022 and 2026. To meet this mandate, the year 2022 has been used as the “target date” for the WBR. The relevant data sets for the WBR are:

- Projections of populations for each new City ward for the election years of 2018, 2022 and 2026;
- Projections of the number of public school electors for the election years of 2018, 2022 and 2026;
- Projections of the number of elementary and secondary students for the election years of 2018, 2022 and 2026; and,
- 2016/17 number of schools, both elementary and secondary, within each new City ward.

Public Consultation. The public consultation process of the TDSB WBR and its results are discussed in Section 4 of this Final Report. Prior to the preparation of the options (August – September 2017), Trustees were invited to fill out a survey, which attempted to determine the factors Trustees consider important for a new TDSB ward design and the factors that make up their workload. In October – November 2017 feedback on the five Options was sought from the public and Trustees through a survey and three public meetings. Although the Project and opportunities to participate were well advertised within the TDSB community and the general public, the total number of participants in the TDSB



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WBR public consultation process was low. In total 46 individuals participated. The feedback survey yielded 23 responses. Respondents indicated their preference to maintain current Trustee Ward boundaries, as much as the new City of Toronto ward system will permit.



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APPENDIX F: MAPS AND TABLES RELATED TO THE 5 TRUSTEE WARD OPTIONS



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1. INTRODUCTION

TDSB is undertaking a Ward Boundary Review (WBR) for its Trustee Wards, because the City of Toronto has changed its ward boundaries. Toronto City Council has enacted a new ward structure, to be implemented for the 2018 municipal elections, that increases the number of City Wards from 44 to 47 and changes the boundaries of most of the existing wards. This City Council action requires the TDSB to change the boundaries of its Trustee Wards to align with the new Toronto City wards.

The mandate of the TDSB WBR is to "develop options for an appropriate determination and distribution structure that, insofar as possible, will accommodate growth and population shifts until the year 2026" and "prepare a report detailing scope of work, findings and recommendations". The Consultant Team for the TDSB WBR is a partnership among the Canadian Urban Institute, Beate Bowron Eteetera (Beate Bowron) and The Davidson Group (Dr. Gary Davidson).

The TDSB WBR has proceeded in 4 Steps:



This Final Report is Step Four of the TDSB WBR and follows a WBR Options Report (November 2017 Revised). The Options Report outlined four Options for realigning Trustee Wards. Based on initial TDSB

feedback, a fifth Option was added in the Addendum to Options Report (November 2017 Revised). The five Options were discussed during a public consultation process in October/November 2017.

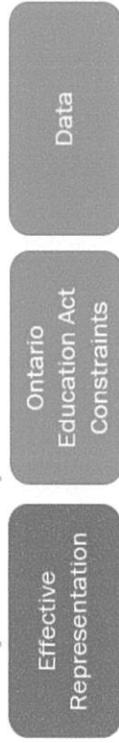
This Final Report explains the Approach the WBR has used, including examining the concept of effective representation in a Trustee Ward boundary review, the constraints of the Ontario Education Act and the base data that has informed the Review. The Report also describes the public consultation process for the whole Project. In addition, the Final Report discusses and analyzes the five options and provides a recommendation for two alternatives for realigning the TDSB's Trustee Ward system. The Appendices to the Final Report contain more detailed background information:

- Appendix A - Map of the 2018 Toronto City Wards and Current (2017) TDSB Trustee Wards;
- Appendix B - Trustee and Public Survey on the Five Options;
- Appendix C - Composite Projections for Election Years;
- Appendix D - 2016/17 Number of Schools by New City of Toronto Ward;
- Appendix E - Table of 2016/17 Elementary and Secondary Schools by New Toronto City Ward; and
- Appendix F - Maps and Tables Related to the 5 Trustee Ward Options.



2. APPROACH

The approach to the TDSB WBR is subject to three key elements:



2.1 EFFECTIVE REPRESENTATION

The term "effective representation" is a composite term used to evaluate the merits of a ward boundary review. It stems from a Supreme Court of Canada decision, referred to as "The Carter Case". In its decision, the Court held that, in considering the right to vote provisions of the Canadian Charter of Rights and Freedoms, electoral districts must achieve effective representation. An electoral district is a term that refers to an area from which representatives are elected such as; federal and provincial ridings, municipal wards and Trustee Wards.

The components of "effective representation", as used in municipal settings, are:

- o Voter parity
- o Natural / Physical Boundaries
- o Communities of Interest
- o Ward History
- o Capacity to Represent (Workload)
- o Geographic Size and Shape of the Ward
- o Population Growth

A municipal ward boundary review normally considers all these components of effective representation. The objective is to balance the

components, as best as possible. While all elements need to be considered, not all are equal.

Voter parity, sometimes referred to as "relative voter parity", is a pivotal component of effective representation. It refers to the relationship between a ward's population and the average population of all wards. To achieve parity, ward populations need to be similar but not identical. Voter parity is assessed in percentage variances above or below the average. A range of 1.0% to 1.5% is considered optimal. However, larger ranges can be considered to achieve other components of effective representation. Such situations are dependent on unique circumstances in a ward.

Communities of interest and natural / physical boundaries are also very important components of effective representation. Geographic communities of interest should be kept together, where possible. Clear ward boundaries are important as well, as they allow residents to more easily understand the extent of their ward. Capacity to represent is often equated with workload. In the case of Trustee Wards, it includes the number and type of schools, number of students and special programs. Since Toronto is such a fast-growing city, its population growth must be taken into account as well.



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Applying effective representation to Trustee Wards requires a different approach than that used for municipal wards. TDSB Trustees are elected by public school supporters only, not by the general population who votes for municipal councillors. Therefore, Trustee Ward boundary reviews focus on electors and not the general population when determining voter parity.

The Trustees' mandate is to oversee and deliver the community's education system. The Board is focused on this service alone. Municipal councillors, on the other hand, are responsible for a wide range of services – water, planning, recreation, emergency services, etc. It is, of course, not possible to use any one of those services as a singular focus to determine municipal wards boundaries. However, in a Trustee Ward review it is appropriate to determine Trustee Ward boundaries based on various aspects of the education system.

Finally, in attempting to achieve effective representation, the TDSB WBR is limited by the constraints of the Ontario Education Act, a circumstance that does not apply to municipal ward boundary reviews. For all these reasons, effective representation is achieved quite differently in municipal ward boundary reviews than in Trustee Ward boundary reviews.

2.2 TDSB WBR CONSTRAINTS

Trustee Wards are constrained by two features of the Ontario Education Act and its Regulations. First, the maximum number of trustees is set by law. The TDSB can only have a maximum of 22 Trustees. Second, Trustee Wards must follow municipal ward boundaries on which Trustee elections are based. Whereas municipalities can make decisions on the number of wards, the number of councillors and ward boundaries, the TDSB does not enjoy this type of flexibility. To a large extent, the determination of Trustee Wards must rely on work undertaken by the municipality and assume

that the municipality's ward structure achieves effective representation.

The City of Toronto has adopted a new ward structure for the 2018 election. For 2018, there will be 47 municipal wards and not 44, as is now the case. New Trustee Wards must adapt to this change initiated by the City of Toronto. The Board has no alternative but to adjust its Trustee Ward boundaries to match its 22 members to the City's 47 new wards.

The TDSB has some flexibility in determining its ward boundaries in three areas: the weight it gives to elector parity; taking into account capacity to represent (workload); and, including aspects of the education system, such as number of schools and students. The TDSB must rely on the City of Toronto to achieve many of the components of effective representation, while it focuses on its electors, schools and students and its other complex and difficult responsibilities.

2.3 BASE DATA

The mandate of the TDSB Ward Boundary Review is to "develop options for an appropriate determination and distribution structure that, in so far as possible, will accommodate growth and population shifts until the year 2026". The Board needs a Trustee Ward system that will last for at least three election cycles – 2018, 2022 and 2026. To meet this mandate, the year 2022 has been used as the "target date" for the WBR. If a new Trustee Ward system works in 2022, it will still work for the 2026 Trustee election. To this end, the data used to determine Trustee Ward boundaries is, where possible, based on projections for the year 2022.

The TDSB WBR must consider issues of voter parity amongst public school electors, growth of the student population and the capacity to represent both electors, students and the school system. The relevant data sets for the WBR are:



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- Projections of populations for each new City ward for the election years of 2018, 2022 and 2026;
- Projections of the number of public school electors for the election years of 2018, 2022 and 2026;
- Projections of the number of elementary and secondary students for the election years of 2018, 2022 and 2026; and,
- 2016/17 number of schools, both elementary and secondary, within each new City ward.

Ward Populations

The Toronto Ward Boundary Review developed ward populations for each of the new City wards for election years between 2018 and 2030. The TDSB WBR uses these projections for each of the new City wards for the 3 elections under consideration, 2018, 2022 and 2026.

Electors

Municipal ward boundary reviews use overall population numbers to design wards, as the general population comprises the electoral base. School boards have a different electoral base. The TDSB's electoral base is the number of electors that support the public school system. Information on the number of electors is provided to the TDSB by the Municipal Property Assessment Corporation (MPAC) for each election. The TDSB WBR's most current data was for the 2014 election.

There are no projections, either by MPAC or the TDSB, of public school electors. Therefore, the TDSB WBR has developed its own projections of public school electors. This was done by determining the ratio of electors to total ward population for the 44 City of Toronto wards that existed in 2014. On average, 62% of the total population in each City ward were public school supporters (electors). Of course, they are not all electors, only persons over 18 years of age are able to vote. However, when calculating a general ratio and undertaking projections, it is appropriate to use a ratio based on total population numbers.

While the average number of public school electors per City ward is 62%, there are more or fewer public school supporters in certain areas of the city. Among the 44 wards in 2014, 35 (80%) had electors within 10% of the average. Four wards were above 10%, so had more public school supporters. Five wards were below 10%, so had fewer public school supporters. Those wards both above and below 10% of the average group geographically. To calculate the number of electors in those wards above the 10% average, a factor of 74% was used, in those wards below the 10% average, a factor of 45% was used. This approach provides a means of doing an approximation of public school supporters for future elections.

The TDSB WBR transferred these percentages from the 2014 City wards to the new City wards through a spatial comparison of the old and new wards. Through this process, it has been possible to develop projections of public school electors. Although an approximation, these projections were sound enough for use in developing options for re-arranging Trustee Wards.

Students

TDSB staff provided projections for both elementary and secondary school students for the 47 new City wards. This data set has a base of 2016 and a projection year of 2026. The TDSB WBR team has linearized this data to provide projections for the election years of 2018 and 2022. The total student population residing in each of the new City wards was used to design options for realigning Trustee Wards.



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Schools

TDSB staff provided 2016/17 data on the number of elementary and secondary schools in each of the new City wards. The TDSB is constantly reviewing information on students and school occupancy to improve the effectiveness of the school system. This can lead to building new schools and closing schools. As part of its 10-year plan, the TDSB is currently reviewing its secondary schools. However, details of this review are only being conceptualized at present. The TDSB WBR uses the 2016/17 number of schools throughout the study period and does not attempt to project or estimate the number of new schools or any school closings.

A detailed compilation of data on electors and students for the election years of 2018, 2022 and 2026 by new City ward is presented in Appendix C. The 2016/17 number of schools by new City ward is presented in Appendix D.



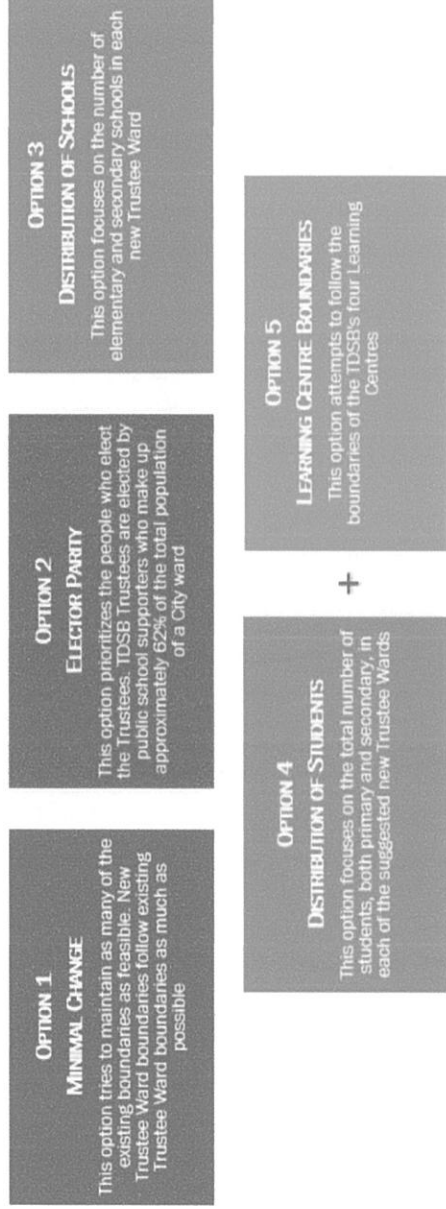
FINAL REPORT: TDSB Ward Boundary Review
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3. THE OPTIONS

This Section of the Final Report reviews and analyzes the 5 Options outlined in the Options Report and the Addendum to Options Report as well as in the Consultation Guide & Survey. These Options are:

1. Option 1: Minimal Change
2. Option 2: Elector Parity
3. Option 3: Distribution of Schools
4. Option 4: Distribution of Students
5. Option 5: Learning Centre Boundaries

The following diagram depicts the 5 Options and the objectives each sets out to achieve.





Option 1 attempts to align the 47 new City wards as closely as possible with the existing 22 Trustee Wards. *Option 2* focuses on the electors who vote for the Trustees. *Options 3, 4* and *5* consider various aspects of the education system – schools, students and Learning Centres². The Options Report originally contained *Options 1* to *4*. Following early feedback from the TDSB, *Option 5: Learning Centre Boundaries*, was added and an "Addendum to Options Report" issued. All five Options were included in the online survey seeking feedback on the Options and in presentations at the public meetings.

The discussion of each Option in the reports includes both a map and table. The map shows the proposed Trustee Ward boundaries and the table compares the Option's variables – electors, schools and students.

The table for each Option provides detailed information for each proposed new Trustee Ward on:

- o The new City ward(s) that are combined to form the new Trustee Ward

- o The number of electors in each new Trustee Ward and the variance from the average for 2022
- o The number of schools in 2016/17 in each new Trustee Ward and the variance from the average
- o The number of students in each new Trustee Ward and the variance from the average for 2022

The maps and tables for all five Options are included in Appendix F of this document.

3.1 ANALYZING THE OPTIONS

Each Option is analyzed in Table 1 below. Its stated objective is described, followed by a listing of the current Trustee Ward boundaries that have major changes. Finally, the variances from the average for the variables of electors, schools and students, both in absolute numbers and as a percentage from the average are noted. Where applicable, the number of Trustee Wards that fall within a variance of +/-15% is depicted.

² Learning Centres (LCs) are geographically delineated hubs that TDSB put in place beginning in 2016 in an attempt to organize resources and support to

provide equitable access to programs and services. There are 4 TDSB LCs. See <http://www.tdsb.on.ca/About-Us/Director-of-Education/Learning-Centres>



Table 1: Analyzing the Options
Option and Objective of each Option

Option and Objective of each Option	Trustee Wards with Major Changes	Variation in Electors	Variation in Number of Schools	Variation in Number of Students
<p>Option 1: Minimal Change This Option attempts to keep Trustee Wards as similar as possible to current Trustee Wards.</p>	<p>4 wards have major changes. These are: Trustee Wards 109, 111, 114 and 115. 17 Trustee Wards remain substantially the same.</p>	<p>Some variances. Range from 55,503 (-30%) to 107,257 (+34%). 15 Trustee Wards fall within the +/-15% variance range.</p>	<p>Large variances. Range from 10 schools (-63%) to 39 schools (-62%). 11 Trustee Wards fall within the +/-15% variance range.</p>	<p>Extreme variances. Range from 4,449 students (-60%) to 17,825 students (+59%). 8 Trustee Wards fall within the +/-15% variance range.</p>
<p>Option 2: Electors This Option attempts to balance the number of public school electors across new Trustee Wards.</p>	<p>12 wards have major changes. These are: Trustee Wards 204, 205, 206, 207, 208, 210, 211, 212, 213, 214, 216, and 217. 10 Trustee Wards remain substantially the same.</p>	<p>Good balance. Range from 63,791 (-20%) to 93,972 (+18%). 19 Trustee Wards fall within the +/-15% variance range.</p>	<p>Large variances. Range from 11 schools (-59%) to 39 schools (-4.4%). Only 9 Trustee Wards fall within the +/-15% variance range.</p>	<p>Extreme variances. Range from 4,263 students (-62%) to 15,770 students (+4.1%). Only 8 Trustee Wards fall within the +/-15% variance range.</p>
<p>Option 3: Distribution of Schools This Option attempts to balance the number of schools across new Trustee Wards.</p>	<p>16 wards have major changes. These are: Trustee Wards 304, 306, 307, 308, 310, 311, 312, 313, 314, 315, 317, 308, 319, 320, 321 and 322. 6 Trustee Wards remain substantially the same.</p>	<p>Extreme variances. Range from 36,264 (-55%) to 172,445 (+116%). 11 Trustee Wards fall within the +/-15% variance range.</p>	<p>Wide variances. Range from 1.6 schools (-41%) to 34 schools (+26%). 12 Trustee Wards fall within the +/-15% variance range.</p>	<p>Extreme variances. Range from 6,688 students (-40%) to 18,454 students (+64%). 11 Trustee Wards fall within the +/-15% variance range.</p>
<p>Option 4: Distribution of Students This Option attempts to balance the number of students across new Trustee Wards.</p>	<p>19 wards have major changes. These are: Trustee Wards 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 416, 417, 418, 420 and 422. 3 Trustee Wards remain substantially the same.</p>	<p>Extreme variances. Range from 39,830 (-50%) to 164,188 (+106%). Only 10 Trustee Wards fall within the +/-15% variance range.</p>	<p>Wide variances. Range from 15 schools (-44%) to 37 schools (+37%). 12 Trustee Wards fall within the +/-15% variance range.</p>	<p>Wide variances. Range from 8,212 students (-27%) to 15,603 students (+39%). 12 Trustee Wards fall within the +/-15% variance range.</p>
<p>Option 5: Learning Centre Boundaries This Option attempts to place all new Trustee Wards within the current Learning Centre Boundaries.</p>	<p>3 wards have major changes. These are: Trustee Wards 509, 510 and 514. 19 Trustee Wards remain substantially the same.</p>	<p>Some variances. Range: 55,503 (-30%) electors to 107,590 (+35%) electors. 14 Trustee Wards fall within the +/-15% variance range.</p>	<p>Large variances. Range: 12 (-65%) schools to 39 (+4.4%) schools. 11 Trustee Wards fall within the +/-15% variance range.</p>	<p>Extreme variances. Range: 4,742 (-58%) students to 17,825 (+59%) students. 6 Trustee Wards fall within the +/-15% variance range.</p>

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Following the above analysis, the Options need to be looked at from four aspects. The primary one is how well each Option meets its objective. This can be assessed by examining the magnitude of change to existing Trustee Wards, absolute numerical variations, the percentage variances from the average and, where applicable, the

number of new Trustee Wards that fall within +/-15% of the average. Secondly, each Option is judged by how well it balances the other variables. Finally, the similarity among the Options is evaluated. Table 2. Comparing the Options, contrasts these factors for the purpose of evaluating the effectiveness of each of the 5 Options.



Table 2: Comparing the Options

OPTION AND OBJECTIVE OF EACH OPTION	MEETING OPTION'S OBJECTIVE	BALANCING OTHER VARIABLES	SIMILARITIES WITH OTHER OPTIONS
<p>Option 1: Minimal Change This Option attempts to keep Trustee Wards as similar as possible to current Trustee Wards.</p>	<p>EXCELLENT. Most Trustee Ward boundaries remain the same. Only TW109, TW 111, TW114 and TW115 have major changes. Other small boundary changes reflect changes in the new City wards.</p>	<p>GOOD for electors, 15 Trustee Wards within +/- 15%. POOR for schools, 11 Trustee Wards within +/- 15%. VERY POOR for students, only 8 Trustee Wards within +/- 15%.</p>	<p>Similarity with Option 5, as both attempt to keep existing Trustee Wards the same.</p>
<p>Option 2: Electors This Option attempts to balance the number of public school electors across new Trustee Wards.</p>	<p>EXCELLENT. Range from -20% to +18% of average. 19 Trustee Wards within +/- 15%.</p>	<p>POOR for schools and students. Only 9 Trustee Wards within +/- 15% for schools and 8 Trustee Wards within +/- 15% for students. POOR for changes to current Trustee Wards. Only 10 remain substantially the same.</p>	<p>No similarities in objectives with other Options.</p>
<p>Option 3: Distribution of Schools This Option attempts to balance the number of schools across new Trustee Wards.</p>	<p>POOR. Trustee Wards range from 16 to 34 schools. Only 12 Trustee Wards within +/- 15%.</p>	<p>POOR. Extremely large variances for electors and students with only 11 Trustee Wards within +/- 15% for each. VERY POOR for changes to current Trustee Wards. Only 6 remain substantially the same.</p>	<p>No similarities in objectives with other Options. Suffers from the same distributional issues amongst schools and students as Option 4.</p>
<p>Option 4: Distribution of Students This Option attempts to balance the number of students across new Trustee Wards.</p>	<p>POOR. Trustee Wards range from 8,212 to 15,603 students. Only 12 Trustee Wards within +/- 15%.</p>	<p>POOR. Extremely large variances for electors with only 10 Trustee Wards within +/- 15%. Schools also exhibit a large range from 15 to 37 with only 12 Trustee Wards within +/- 15%. VERY POOR for changes to current Trustee Wards. Only 3 remain substantially the same.</p>	<p>No similarities in objectives with other Options. Suffers from the same distributional issues amongst schools and students as Option 3.</p>
<p>Option 5: Learning Centre Boundaries This Option attempts to place all new Trustee Wards within the current Learning Centre Boundaries.</p>	<p>EXCELLENT. Most Trustee Wards remain the same. Only TW509, TW510 and TW514 have major changes. Other small boundary changes reflect changes in the new City wards. Follows existing Learning Centre boundaries, except where new City wards cut across Learning Centre boundaries.</p>	<p>GOOD for electors with 14 Trustee Wards within +/- 15%. POOR for schools with 11 Trustee Wards within +/- 15%. VERY POOR for students with only 6 Trustee Wards within +/- 15%.</p>	<p>Similarity with Option 1, as both attempt to keep existing Trustee Wards the same.</p>



3.2 EVALUATING THE OPTIONS

Table 2 provides a means of evaluating each Option based on three key factors – Meeting Option’s Objectives, Balancing Other Variables and Similarities with Other Options. Assessing these three factors allows for a determination of the most effective Option or Options.

Meeting Option’s Objectives

How well an Option meets its objectives is critical. *Options 1, 2 and 5* are rated as “Excellent” at meeting their objectives. *Options 3 and 4* are rated as “Poor”. *Options 3 and 4* encounter difficulties with the location of schools and size of the schools’ student populations. Most schools, and most schools with large student populations, are located in the eastern part of the city, while the centre of the city has fewer schools and those schools have small student populations. While trying to balance the number of schools per Trustee Ward (*Option 3*) and the number of students per Trustee Ward (*Option 4*) are worthwhile objectives, they cannot be achieved due to the location of schools and the distribution of students across the city. Therefore, *Options 3 and 4* are not considered to be desirable options and have not been pursued further.

Balancing Other Variables

It would be ideal, if an Option could meet its intended objective and also balance the other important variables. Four variables have been evaluated: change in current Trustee Wards, electors, schools and students. Unfortunately, none of the Options score well in balancing these other variables. *Options 1 and 5* are rated as “Good” for electors. However, for all other variables all Options are rated “Poor” or “Very Poor”. Again, much of the reason for this is due to the distribution of schools and students across the city. But also, the new City wards with high numbers of electors are in the Downtown, an area that does not have many schools or students. Also, trying to meet the

objectives of electors, schools and students requires considerable change to current Trustee Wards.

Similarities with Other Options

Most of the Options are completely unique and exhibit few similarities in objectives. However, *Options 1 and 5* do have certain similarities, as they both attempt to keep existing Trustee Wards the same. In comparing these two Options, both are “Excellent” at meeting their objectives, with Option 5 being slightly better at keeping current Trustee Ward substantially the same. Both Options are “Good” for representing electors, with *Option 1* slightly better for this variable. Both Options rank “Poor” or “Very Poor” with regards to the number of schools and students.

Option 5 also has the advantage over *Option 1* of incorporating the TDSB’s existing Learning Centres and because of this factor is, on balance, the better of the two Options. *Option 1* has, therefore, been excluded from ‘Assessing the Options’ below.

Assessing the Options

The Options that provide for the most effective alignment of new Trustee Wards are *Option 2: Electors* and *Option 5: Learning Centre Boundaries*. Both meet their objectives, but their objectives are quite different. *Option 2* focuses on balancing electors, and 19 of the proposed Trustee Wards in this Option fall within +/-15% of the average. This is an excellent distribution of electors and the best distribution of electors that can be achieved, given the requirement for the TDSB WBR to follow City ward boundaries. The elector range in *Option 2* is from 62,791 electors to 93,972, or a variance around the average of -20% to +18%. However, to achieve this, 12 of the 22 Trustee Wards require significant boundary changes.

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Option 5 focuses on maintaining, as much as possible, the current Learning Centre boundaries. As the Learning Centre boundaries are based on current (2014) City wards, *Option 5* has a minimal amount of change from the existing Trustee Ward alignment. *Option 5* is rated as "Good" for elector distribution, but not nearly as good as *Option 2*. The range in electors in *Option 5* is from 56,503 to 107,590, or a variance around the average of -30% to +35%. *Option 5* is primarily a minimal change option based on existing Learning Centre boundaries. *Option 5*

still requires several changes in Learning Centre boundaries to conform with the new City wards.

From an analytical viewpoint, it comes down to the weight or priority given to public school electors during the election of Trustees (*Option 2*), or the functioning of the education system once the Trustees have been elected (*Option 5*). Both are valid goals, but both lead to a different Trustee Ward alignment. In the end, the Board will have to choose between these two objectives, which in turn will determine the preferred Option.



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4. PUBLIC CONSULTATION

Prior to the preparation of the options (August – September 2017), Trustees were invited to fill out a survey, which attempted to determine the factors Trustees consider important for a new TDSB ward design and the factors that make up their workload. In October – November 2017 feedback on the five Options was sought from the public and the Trustees through a survey and three public meetings. Although the Project was well-advertised among the TDSB community and the general public, the total number of participants in the TDSB WBR public consultation process was low.

4.1 PUBLIC CONSULTATION PROCESS

Ward boundary reviews typically do not attract a large number of participants. In our experience, there is also generally more interest in municipal ward boundary reviews than in the realignment of Trustee Wards. However, it is important that any Review is advertised well and that the public, Trustees and other stakeholders have an opportunity to participate, if they wish.

The TDSB WBR consultation process occurred in two stages. Before the options were prepared, Trustees had an opportunity to comment on the elements they consider important in any new TDSB ward design as well as the factors that make up their workload. Once the Options Report and the Addendum to Options Report had been published, stakeholders, the public and Trustees were invited to provide feedback via an online survey (a copy of that survey is attached in Appendix B to this Report). Some Trustees provided

feedback during brief telephone interviews with the Consultant Team.

The TDSB WBR held three public evening meetings, one in each of the Education Centres in North York, Scarborough and Etobicoke. At the public meetings, a presentation was made of the Project and the five Options. This was followed by a discussion period. Large-scale versions of maps of the current Trustee Wards superimposed on the new City Wards and of the 5 Options were available, as were copies of the Consultation Guide & Survey.

The TDSB WBR was widely advertised within the school community. TDSB created a webpage dedicated to the WBR, which could be accessed via the home page, or via search engines (e.g., Google, Safari, Explorer) for TDSB Ward Boundary Review. Promotional material for the WBR was also included on all individual school websites. Below are screen shots of the TDSB website home screen as well as the page dedicated to the WBR.



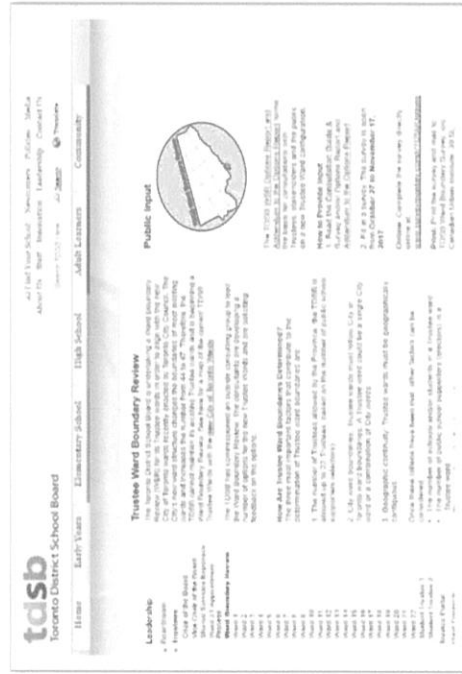
TDSB posted information to their extensive followers on social media.



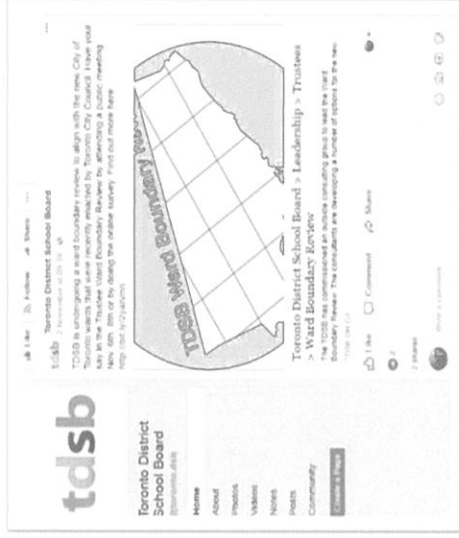
TDSB website homepage



Twitter



TDSB Dedicated WBR Page



Facebook



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Information about the WBR survey and public meetings was included in TDSB's September and October 'TDSB Connects', the monthly e-newsletter sent to its list of about 100,000 people. In addition, the Project was promoted in the September and November issues of the TDSB Update newsletter.

Advertisements were placed on October 19 in the Metroland newspapers which cover the following:

- Beach Mirror
- Bloor West and Parkdale Villager
- City Centre Mirror
- East York Mirror
- Etobicoke Guardian
- North York Mirror
- Scarborough Mirror
- York Guardian

The ad described the opportunity to participate via the online survey or by attending a public meeting. Interpretation, ASL, child care, and other accommodation were available upon request.


Additional ads were placed in Inside Toronto, and in the following papers (some of which also include an online component):

- El Popularo (Hispanic)
- India Times
- Korean Times
- Ming Pao
- Philippine Reporter
- Russian Express
- Thaiveedu (Tamil)



Trustee Ward Boundary Review

The Toronto District School Board is undertaking a Trustee Ward Boundary Review in order to align with the new City of Toronto wards recently enacted by Toronto City Council. Members of the public are invited to provide feedback on the proposed options through public meetings and an online survey.



*Attend a public meeting or complete a survey online.
Les bases locales et en ligne sont disponibles.*

www.tdsb.com/city/candidates/TrusteeWardBoundaryReview

Mon. October 30, 7-9pm	Mon. November 6, 7-9pm	Wed. November 8, 7-9pm
5050 Yonge Street Committee Room A Main Floor Toronto	140 Borough Drive Room 384 Scarborough	1 Civic Centre Court In-Service Room Etobicoke

Interpretation is available upon request, with 5 days notice.

服務 5 天申請可獲提供口譯服務。
服務 5 天申請可獲提供口譯服務。
Une interprétation est disponible sur demande, avec un préavis de 5 jours.
Servizio di interpretazione disponibile su richiesta con un preavviso di 5 giorni.
Interpretação disponível mediante solicitação com 5 dias de antecedência.
Fajerdh għaliq disponibbli fuq applikazzjoni ta' qabel b'5 jor.
Interpretation beschikbaar op aanvraag met 5 dagen vooraf.
Assistentie en interpretatie beschikbaar na een 5 daars vooraf.
A dịch vụ phiên dịch có sẵn khi yêu cầu trước 5 ngày.
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අවශ්‍ය කරන්න.

If you require any form of accommodation regarding accessibility, or require an interpreter or ASL, advising in advance will ensure that the necessary arrangements can be made.

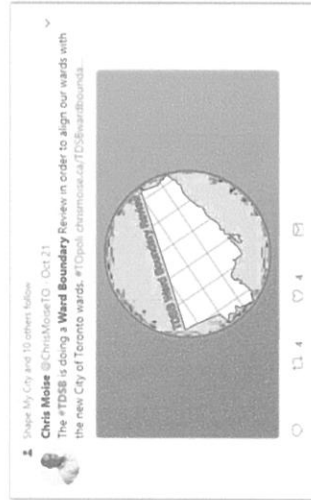
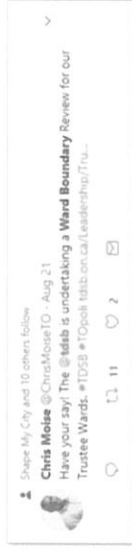
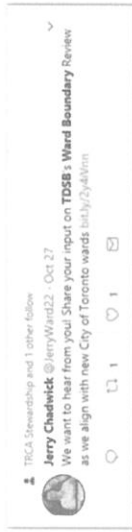
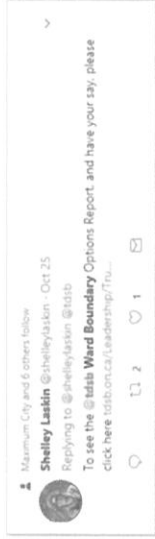
All TDSB Community Advisory Committees were invited to a special stakeholder meeting. Three emails went out to TDSB Trustees reminding them to fill in the survey and to communicate to their constituencies information about the TDSB WBR and opportunities to participate.

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Many Trustees shared e-news and tweets/posts about the public meetings and the survey with their constituents. For instances:



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Despite extensive advertising, only 3 people attended the public meetings. One separate meeting with TDSB stakeholder groups was attended by two Trustees and 6 representatives of Community Advisory Committees.

In total, 46 individuals were involved in the TDSB WBR's public consultation process (this includes Trustees who participated in the first survey that informed the development of the options and Trustees who attended the stakeholder meeting on the options). This number is low, but perhaps reflects the fact that Trustee Ward boundaries are less important to TDSB parents and/or electors than their relationship with individual schools and knowing which Trustee represents the area they live in, so that they can direct their concerns to the right person.

4.2 SUMMARY OF RESULTS OF INITIAL TRUSTEE SURVEY

Fourteen Trustees (64% of the 22 Trustees) participated in the initial survey by telephone or by filling out the online survey.

According to these participants, the total number of schools is the most important factor when designing a new ward system as well as when considering workload. The number of students is also judged to be a significant criterion for a new ward system. In terms of workload, the number of students appears to be a less critical factor.

Trustees did not rank the number of electors in a Trustee Ward as an important factor. It should be noted, however, that, from a 'voter parity'

point-of-view, the number of electors matters, since they are the ones that fund the public education system regardless of whether they have children in Toronto's public schools or not.

Although the number of schools was emphasized as the most important criterion for designing a new Trustee Ward system, virtually all 14 Trustees sought to keep their existing Trustee Ward in its current configuration. Some of the detailed boundaries have, of course, changed.

The results of the initial consultation with Trustees informed the options developed for the Options Report and the Addendum to Options Report.

4.3 FEEDBACK ON THE OPTIONS FROM THE PUBLIC AND TRUSTEES

The number of responses to the feedback survey was low. 9 of the TDSB's 22 Trustees (41%) responded to the survey, either online (6) or in telephone interviews (3) with the Consultant Team. Fourteen members of the public filled out the survey online³. There was no discernible difference between how the public and Trustees ranked the options. Therefore, all responses have been combined, by survey question, in the tables below.

During the feedback on the options there were no comments unrelated to the TDSB WBR.

³ One survey response from Ward 16 could not be included in the analysis, because the survey version available at the time did not include Option 5 - Learning Centre Boundaries.

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4.4 COMPILATION OF RESPONSES

Question 1: [Have read the Consultation Guide

YES	NO	NO ANSWER
1	1	9

Question 2: Your Current Trustee Ward

WARD	NO. OF RESPONSES
1	1
2	1
3	2
4	1
5	0
6	3
7	1
8	1
9	1
10	0
11	3
12	0
13	2
14	2
15	1
16	0
17	0
18	0
19	0
20	1
21	1
22	2

Question 3: Are you a TDSB Trustee?

YES	NO
9	14

Question 4: Please rank the 5 Options from 1 to 5 (with 1 being your first choice and 5 being your 5th choice)

<i>a. Option 1: Minimal Change</i>							
RANK	1	2	3	4	5	NO RESPONSE	TOTAL
	7	6	4	3	0	1	23
<i>b. Option 2: Electors</i>							
RANK	1	2	3	4	5	NO RESPONSE	TOTAL
	5	4	5	2	4	2	23
<i>c. Option 3: Distribution of Schools</i>							
RANK	1	2	3	4	5	NO RESPONSE	TOTAL
	1	7	6	3	4	0	23
<i>d. Option 4: Distribution of Students</i>							
RANK	1	2	3	4	5	NO RESPONSE	TOTAL
	4	1	1	7	5	3	23
<i>e. Option 5: Learning Centre Boundaries</i>							
RANK	1	2	3	4	5	NO RESPONSE	TOTAL
	6	5	3	3	5	0	23

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Analysis. The tables above demonstrate that **Option 1: Minimal Change** garnered the most first place choices at 7, followed by **Option 5: Learning Centre Boundaries** at 6 and **Option 2: Electors** at 5. The closeness in the first choice rankings for **Options 1** and **Option 5** is not surprising, since they are quite similar and maintain many existing Trustee Wards. It is interesting, however, that opinions on **Option 5** and **Option 2** appear to be split, since both options also received almost equal last place rankings. **Option 5: Learning Centre Boundaries** received 5 last place/No rankings, and **Option 2: Electors** received 6 last place/No rankings. **Option 1: Minimal Change** received only 1 last place ranking.

Question 5: Do you have any suggestions for improving your first choice option? Please describe.

WARD	COMMENTS
TW111	• Communities do not fit together well
TW115	• Makes more sense, but would be an impossible job
TW121	• Still too big but narrowing the boundaries will balance students
TW212	• Should contain new City ward 23, rather than 25 ⁴
TW314/315	• Alignment of TW 314/315 is best among the options
TW511	• Reflects geography well • connects to municipal colleagues

a. Related to a specific ward

b. To the overall option

OPTION	COMMENTS
Option 1: Minimal Change	<ul style="list-style-type: none"> • Since most Trustees support minimal change from existing boundaries and the Options 3 & 4 do not do a "good" job of meeting their criteria for balance in terms of students or schools due to restrictions in the system, Option 1 is the best • The Minimal Change Option actually splits my current ward in two
Option 2: Electors	<ul style="list-style-type: none"> • Elector parity is of least importance • Pretty weird alignment • Should be based solely on voters who have children enrolled in public schools. Voters without children currently enrolled in public schools have no direct consequences from the vote
Option 3: Distribution of Schools	<ul style="list-style-type: none"> • Number of schools is the most important consideration
Option 4: Distribution of Students	<ul style="list-style-type: none"> • I am not an expert on this matter. I am speculating that the number of students is the predominant burden on the workload of the Trustee. I want to evenly distribute workload among the Trustees
Option 5: Learning Centre Boundaries	<ul style="list-style-type: none"> • Should have minimum change to Learning Centre boundaries • Like that City Council wards are mostly intact • Learning Centre boundaries can be changed • Learning Centre concept was badly thought out. goal was to not follow Toronto Community Council boundaries

⁴ Not possible, because of need to balance TW 210, TW 211, and TW 212.

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Question 6: Do you have any other comments?

<ul style="list-style-type: none"> • Not much enthusiasm about the WBR among parents
<ul style="list-style-type: none"> • Yonge Street is a boundary that should not be crossed
<ul style="list-style-type: none"> • Distribution of students and/or schools should take precedent over the current system, as we would then have more responsive and equitable Trustee responsibilities
<ul style="list-style-type: none"> • Keep new City wards 15 and 26 together in a Trustee Ward; Options 2 and 3 accomplish that
<ul style="list-style-type: none"> • No proper division of boundaries
<ul style="list-style-type: none"> • Electors are people who have a right to vote, to elect a Trustee. I worry that many immigrants or marginalized people living in the city are indirectly being told through Option 2 that they are less important. People who are willing to live and die within this city don't always have the right to vote
<ul style="list-style-type: none"> • There is more engagement in certain parts of the city than in others (there can be more schools/students in areas where people are less engaged)
<ul style="list-style-type: none"> • Need to keep historic communities of interest together; traditional feeder schools and high schools should remain in current Trustee Wards

Although the feedback survey yielded only 23 responses, it appears that participants prefer to maintain current Trustee Ward boundaries as much as the new City of Toronto ward system will permit.



5. RECOMMENDATION

The City of Toronto has increased its number of wards from 44 to 47 and changed the boundaries of many current wards for the 2018 election. As a result, the TDSB must realign its Trustee Wards to follow the boundaries of the City's new wards. Several options for a new Trustee Ward system have been developed and discussed in public. This Section of the TDSB WBR Final Report lays out a path for the Board to follow to determine how to realign its Trustee Wards.

The recommendation for the TDSB Ward Boundary Review brings together two key aspects of the Project: an assessment of the five Options for realigning the TDSB's Trustee Wards and the Project's public consultation process.

Section 3. The Options, of this Final Report contains an analysis and assessment of the TDSB WBR's five Options. This assessment demonstrates that both *Option 2: Electors* and *Option 5: Learning Centre Boundaries* are acceptable, though very different options for the Board to consider.

Option 2 provides the best balance of electors possible, given the constraints imposed on Trustee Ward boundaries by the Ontario Education Act and its Regulations. This Option's priority is to ensure that, when electors vote for a Trustee, their votes carry similar weight. *Option 5* focuses on the delivery of education services following the election of Trustees. This Option's priority is an effective education system for the Board's students and schools.

The TDSB WBR convened two rounds of consultation. The first round consulted the Trustees on the factors that are important for a new Trustee Ward alignment to inform the development of options. The second round asked Trustees, other stakeholders and the public to rank and comment on the five Options.

The following pattern is apparent from the ranking of the Options in the feedback survey (Question 4). Based on the 23 people that completed the survey, *Options 1* and *5* were ranked the highest with 7 and 6 first place rankings respectively. As discussed in Section 3, The Options, there is a great deal of similarity between these two Options. They are both essentially "minimal change" options, but *Option 5* respects Learning Centre boundaries.

Option 2 received 5 first place rankings and is, in effect, the second-place choice.

If both first and second place rankings are added up, the pattern remains the same.

- *Option 1* has 13 first and second place rankings
- *Option 5* has 11 first and second place rankings
- *Option 2* has 9 first and second place rankings
- *Option 3* has 8 first and second place rankings
- *Option 4* has 5 first and second place rankings

Considering the similarities between *Options 1* and *5*, respondents to the survey ranked a minimal change option (*Options 1 & 5*) first and *Option 2* (Electors) second. As outlined in Section 3, The Options, *Option 5* has the advantage over *Option 1* of keeping slightly more of the current Trustee



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Wards and incorporating the TDSB's existing Learning Centres. It is, on balance, the better of the two "minimal change" options.

The TDSB will need to make a choice between the distinctly different objectives of *Option 2: Electors* and *Option 5: Learning Centre Boundaries*. Although *Option 2* and *Option 5* are the most viable options, the public consultation process does not provide clear direction regarding which of the underlying objective of either option is more important.

Trustee Wards are created both for the purpose of electing Trustees and for delivering education services. *Option 2: Electors* focuses on balancing electors to achieve voter parity. It emphasizes the right to vote of all public school electors in electing Trustees in 2018, 2022 and 2026. *Option 5: Learning Centre Boundaries* focuses on the delivery of education services once the Trustees are elected.

Both those objectives are valid and appropriate when designing Trustee Wards. Electors want their votes to be of similar weight when being represented by their Trustee and the entire city benefits from a high-quality education system.

In the context of the City of Toronto's new ward alignment for the 2018 municipal election, both *Options 2 and 5* have to change existing Trustee Ward boundaries. *Option 2* necessitates substantial changes in Trustee Ward boundaries. *Option 5* requires fewer changes to existing Trustee Wards and is less disruptive of existing community/Trustee relationships.

However, in the end, the Board must choose which objective has priority, elector parity or the efficient delivery of education services. Once this choice has been made, then the appropriate Option follows. Placing the priority on electors leads to *Option 2*. Placing the priority on the delivery of education services leads to *Option 5*.



FINAL REPORT

TDSB WARD BOUNDARY REVIEW

APPENDICES



PREPARED FOR:
Toronto District School Board
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DATE:
January 2018

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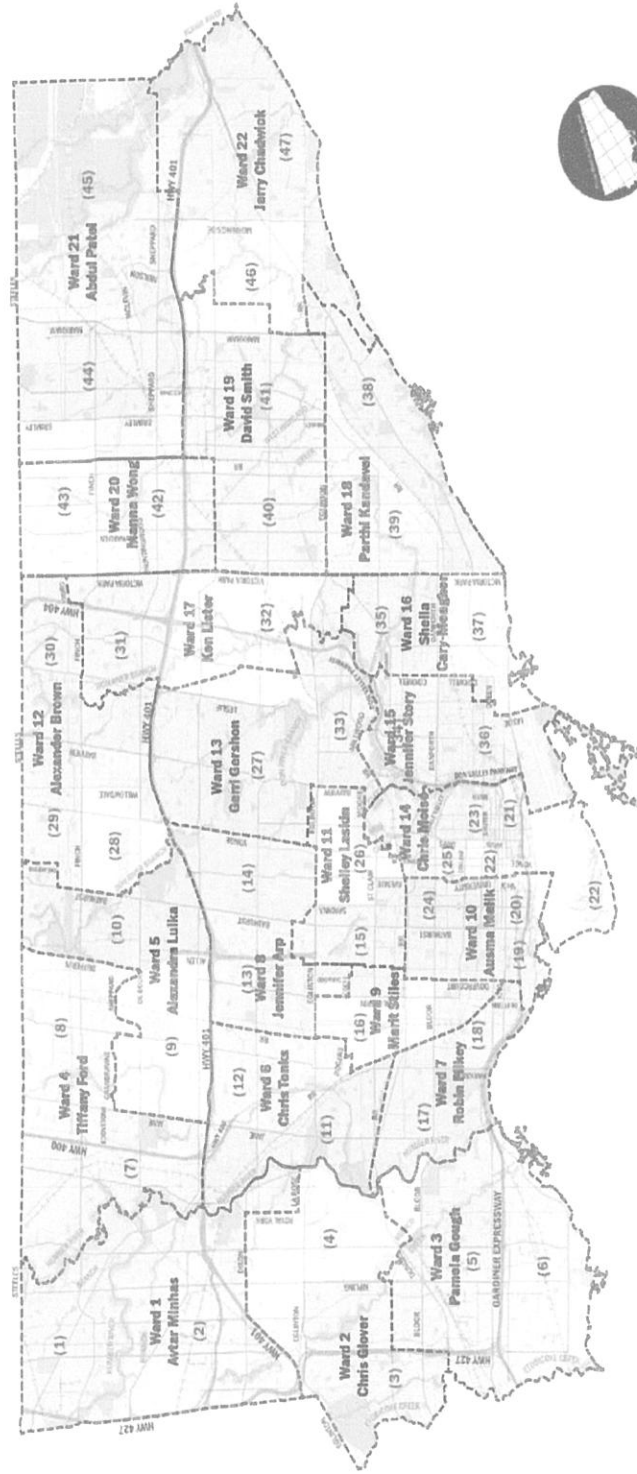
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APPENDIX A: MAP OF THE 2018
TORONTO CITY WARDS AND
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WARDS



FINAL REPORT APPENDICES: TDSB Ward Boundary Review

2018 TORONTO CITY WARDS AND CURRENT (2017) TDSB WARDS



- RIVER AND STREAMS
- RAILWAY (RR)
- ROADS
- GREENSPACE
- TORONTO CITY WARD BOUNDARY
- TDSB TRUSTEE WARD BOUNDARY

(TORONTO CITY WARD NUMBER)
TDSB TRUSTEE WARD NUMBER
& TRUSTEE NAME

NUMBER OF CITY WARDS 47
NUMBER OF TRUSTEE WARDS 22



APPENDIX B: TRUSTEE AND PUBLIC SURVEY ON THE FIVE OPTIONS



TDSB Ward Boundary Review: SURVEY
Revised November 6, 2017

THE SURVEY

People will have different opinions as to which option they prefer. A natural tendency is to only consider the impact of an option on the specific Trustee Ward that you live in or represent. This localized concern and knowledge is important. However, it's also important to remember that whichever option is favoured, it will have to work for the entire TDSB.

To help the project team develop a recommendation for a new Trustee Ward boundary structure, we are asking you to rank the 5 options.

Options for Submitting Your Answers:

1. The survey is open October 27 – November 17, 2017
2. Online: Fill in your answers directly through the online survey:
<https://www.surveymonkey.com/r/TDSBOptions>
3. Print the survey and send it in:
 - a) By mail: TDSB Ward Boundary Survey, c/o Canadian Urban Institute; 30 St. Patrick Street, 5th Floor, Toronto, ON, M5T 3A3
 - b) By email: lcavicchia@canurb.org

Attend a Public Meeting. The same survey questions will be discussed at each of the 3 public meetings across the city:

Monday, October 30 7-9pm	5050 Yonge Street Committee Room A, Main Floor Toronto
Monday, November 6 7-9pm	140 Borough Drive Room 3&4 Scarborough
Wednesday, November 8, 7-9pm	1 Civic Centre Court In-Service Room Etobicoke

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Board Services Agenda Record

Agenda Item 5.3



TDSB Ward Boundary Review: CONSULTATION GUIDE & SURVEY
Revised November 6, 2017

Survey Questions*

- 1. I have read the Consultation Guide.
- 2. Your Current Trustee Ward: _____
- 3. Are you a TDSB Trustee? _____

Unsure who is your Trustee? You can find a map here:
<http://www.tdsb.on.ca/Leadership/Trustees/Ward-Boundary-Review>.

- 4. Please rank the 5 options from 1 to 5 (with 1 being your first choice and 5 being your fifth choice).

- _____ Option 1: Minimal Change
- _____ Option 2: Electors
- _____ Option 3: Distribution of Schools
- _____ Option 4: Distribution of Students
- _____ Option 5: Learning Centre Boundaries

- 5. Do you have any suggestions for improving your first choice option? Please describe.

a) Related to a specific ward:

b) To the option overall:

- 6. Do you have any other comments?

*If you prefer to fill in the survey online, please go to: <https://www.surveymonkey.com/r/TDSBOptions>

APPENDIX C: COMPOSITE PROJECTIONS FOR ELECTION YEARS



FINAL REPORT APPENDICES: TDSB Ward Boundary Review

Composite Projections for Election Years

NEW CITY WARD	2018 WARD POP'N	2018 WARD PUBLIC ELECTORS	2018 NUMBER OF STUDENTS	2022 WARD POP'N	2022 WARD PUBLIC ELECTORS	2022 NUMBER OF STUDENTS	2026 WARD POP'N	2026 WARD PUBLIC ELECTORS	2026 NUMBER OF STUDENTS
1	60,154	37,295	6,544	59,918	37,149	6,060	60,122	37,276	5,576
2	59,298	26,684	3,945	59,205	26,642	3,737	59,935	26,971	3,529
3	62,791	38,930	6,686	63,747	39,523	6,685	65,044	40,327	6,683
4	63,419	39,320	6,343	64,810	40,182	6,412	65,507	40,614	6,481
5	58,254	36,117	3,451	62,838	38,960	3,633	70,010	43,406	3,817
6	65,500	40,610	3,928	67,540	41,875	4,153	69,434	43,049	4,378
7	55,133	24,810	3,472	55,670	25,052	3,402	57,043	25,669	3,332
8	48,062	29,798	5,445	49,114	30,451	4,985	54,748	33,944	4,525
9	54,677	24,605	3,681	55,182	24,832	3,604	56,380	25,371	3,528
10	64,410	39,934	5,966	64,986	40,291	5,805	66,096	40,980	5,644
11	61,420	38,080	5,141	61,923	38,392	5,074	64,304	39,868	5,007
12	52,645	23,690	3,590	53,073	23,883	3,449	54,213	24,396	3,309
13	58,726	36,410	3,207	59,584	36,942	3,277	62,255	38,598	3,347
14	58,823	36,470	6,079	59,524	36,905	6,082	60,077	37,248	6,085
15	69,412	51,365	5,263	69,971	51,779	5,430	70,313	52,032	5,597
16	65,645	29,540	2,049	65,779	29,601	2,114	66,141	29,763	2,180
17	64,645	40,080	8,288	66,165	41,022	8,551	66,846	41,445	8,814
18	65,946	40,887	5,214	66,428	41,185	5,352	67,253	41,697	5,490
19	64,392	39,923	4,947	65,401	40,549	5,236	66,683	41,343	5,525
20	38,154	23,655	603	45,542	28,236	712	51,350	31,837	820
21	47,180	29,252	511	58,859	36,493	538	63,625	39,448	565
22	47,425	29,404	242	54,356	33,701	245	60,987	37,812	248
23	55,416	34,358	3,070	60,270	37,367	3,190	61,181	37,932	3,311
24	47,020	29,152	4,436	50,248	31,154	4,593	55,692	34,529	4,751
25	47,686	29,565	956	54,404	33,730	1,014	60,450	37,479	1,072
26	53,241	39,398	4,064	57,018	42,193	4,347	58,560	43,334	4,631
27	64,743	47,910	9,002	66,332	49,086	9,095	66,822	49,448	9,188
28	57,443	35,615	4,748	58,037	35,983	4,749	59,815	37,085	4,749
29	59,020	36,592	3,551	60,233	37,344	3,572	62,378	38,674	3,594
30	53,371	33,090	5,295	54,726	33,930	5,686	55,527	34,427	6,077
31	60,082	37,251	5,138	61,318	38,017	5,371	62,177	38,550	5,604
32	68,522	42,484	7,186	69,136	42,864	6,923	69,527	43,107	6,659
33	55,167	34,204	9,080	56,019	34,732	8,730	56,841	35,241	8,380
34	55,616	41,156	6,538	55,463	41,043	6,441	55,576	41,126	6,345
35	66,789	41,409	5,746	67,026	41,556	5,769	67,720	41,986	5,793
36	57,817	35,847	9,053	58,490	36,264	9,632	58,637	36,355	10,210
37	53,553	33,203	5,793	53,974	33,464	6,138	54,372	33,711	6,482
38	63,014	39,069	8,977	64,242	39,830	8,884	67,016	41,550	8,791
39	61,940	38,403	6,710	62,821	38,949	6,808	64,495	39,987	6,906
40	65,979	40,907	6,172	66,413	41,176	5,922	68,542	42,496	5,672
41	67,393	41,784	8,133	68,402	42,409	8,212	70,307	43,590	8,291
42	63,507	39,374	6,455	65,643	40,699	6,688	66,889	41,471	6,921
43	68,045	42,188	8,601	67,681	41,962	8,314	67,619	41,924	8,026
44	66,035	40,942	6,843	66,253	41,077	6,556	66,060	40,957	6,270
45	64,969	40,281	4,911	64,979	40,287	4,662	64,864	40,216	4,412
46	58,644	36,359	6,842	59,616	36,962	6,449	60,815	37,705	6,056
47	50,847	31,525	4,577	51,327	31,823	4,548	51,952	32,210	4,518
TOTAL	2,771,970	1,698,925	246,472	2,849,686	1,747,545	246,829	2,932,200	1,798,185	247,189

APPENDIX D: 2016/17 NUMBER
OF SCHOOLS BY NEW CITY OF
TORONTO WARD



FINAL REPORT APPENDICES: TDSB Ward Boundary Review

2016/17 Number of Schools

New City of Toronto Wards (2018)	Number of Schools (2016/17)
1	12
2	12
3	17
4	14
5	8
6	10
7	8
8	13
9	13
10	10
11	16
12	10
13	8
14	9
15	11
16	8
17	16
18	13
19	15
20	4
21	3
22	1
23	6
24	14
25	3
26	9
27	15
28	7
29	9
30	14
31	16
32	17
33	11
34	12
35	15
36	25
37	11
38	23
39	16
40	17
41	16
42	21
43	18
44	15
45	13
46	18
47	12
Total	584