

**Election 2018 Program**

**JSON Unofficial Result Files**

**Version history:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date of change** | **Author** | **Change description** |
| 0.1 | 07/06/2018 | Raymond Lin | Initial release |
| 0.2 | 07/09/2018 | Tharshan S | Added Examples |
| 0.3 | 08/03/2018 | Raymond Lin | Add municipal ward name |
| 0.4 | 09/18/2018 | Tharshan S | Sample data change.  |

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# Introduction

The unofficial reports of election 2018 will be published in JSON format. This document describes the JSON formats of the unofficial reports.

The following unofficial reports will be published to AWS:

|  |  |
| --- | --- |
| **Report** | **File name** |
| [Unofficial All Office](#_Unofficial_All_Office) | unofficialresult.json |
| [Unofficial Mayoral Ward By Ward](#_Unofficial_Mayoral_Ward) | unofficialresult-wardbyward.json |

# Unofficial All Office

This is the regular results in JSON format.

## Top Level Properties

This report file has following top level properties:

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| electionDesc | Short description such as the election name. |
| office | List of [offices](#_Office_Structure) in this election. Each office is an instance of the [Office Structure](#_Office_Structure)There are six(6) offices; Mayor, Councillor, Toronto District School Board, Toronto Catholic District School Board, Conseil scolaire Viamonde, and Conseil scolaire de district catholique Centre-Sud. |
| seq | A value derived from the timestamp when this file is generated. Different seq values indicate JSON files were generated at different times, but the report contents may be the same. |
| Example : | { "electionDesc" : "2014 Test Municipal Election", "office" : [ … ], "seq" : "1537281351713"} |

## Office Structure

The office is structured to have following properties:

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| id | Office id |
| name | Office name |
| Ward | List of [wards](#_Ward_Structure_1) in this office. Each ward is an instance of the [Ward Structure](#_Ward_Structure_1) |
| Example 1  | { "id" : 1, "name" : "Mayor", "ward" : [ … ]}, |
| Explorer view of all offices: Explorer view of all offices to showe there are 6 electoral offices.  |

## Ward Structure

The ward is structured to have following properties:

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| name  | Ward name, if one is available. There is no name for schoolboard wards. |
| num | Ward number. |
| polls | Total number of subdivisions in this ward. |
| pollsReceived | Total number of subdivisions received in this ward. |
| totalVoters | Total number of voters in this ward. |
| votesReceived | Total number of votes received in this ward. |
| candidate | List of [candidates](#_Candidate_Structure_1) in this ward. Each candidate is an instance of the [Candidate Structure](#_Candidate_Structure_1) |
| Example |  { "name" :"Etobicoke North", "num" : "1", "polls" : "39", "pollsReceived" : "34", "totalVoters" : "30064", "votesReceived" : "16039", "candidate" : [ …] }, |

## Candidate Structure

The candidate is structured to have following properties:

| **Property Name** | **Description** |
| --- | --- |
| name | Candidate name. |
| votesReceived | Total number of votes received for this candidate in this ward. |
| percentage | Percentage of the votes received against the total votes received in this ward. |
| Example |  { "name" : "Oweka-Arac Ongwen", "votesReceived" : "56", "percentage" : "0.01" }, |

# Unofficial Mayoral Ward By Ward

This is the mayoral ward by ward report in JSON format.

## Top Level Properties

This report file has following top level properties:

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| electionDesc | Short description such as the election name. |
| office | Detailed report section. See [Office Property](#_Office_Property) for details. |
| seq | A value derived from the timestamp when this file is generated. Different seq values indicate JSON files were generated at different times, but the report contents may be the same. |

|  |  |
| --- | --- |
| Example: | { "electionDesc" : "2014 Test Municipal Election", "office" : { … }, "seq" : "1537281351660"} |

## Office Property

The office property contains the detailed report. It has following properties:

| **Property Name** | **Description** |
| --- | --- |
| name | Office name "Mayor". |
| polls | Total number of subdivisions in this office. |
| pollsReceived | Total number of subdivisions received in this office. |
| totalVoters | Total number of voters in this office. |
| votesReceived | Total number of votes received in this office. |
| candidate | List of mayoral candidates. Each candidare is an instance of the [Candidate Structure](#_Candidate_Structure). |

|  |  |
| --- | --- |
| Example: | { "name" : "Mayor", "polls" : "1988", "pollsReceived" : "1767", "totalVoters" : "1602483", "votesReceived" : "981054", "candidate" : [ ... ]}, |

## Candidate Structure

The candidate is structured to have following properties:

|  |  |
| --- | --- |
| **Property Name** | **Description** |
| name | Candidate name. |
| votesReceived | Total number of votes received of this candidate. |
| ward | List of wards that contains votes for this candidate. Each ward is an instance of the [Ward Structure](#_Ward_Structure). |

|  |  |
| --- | --- |
| Example: | { "name" : "Oweka-Arac Ongwen", "votesReceived" : "56", "ward" : […]}, |

## Ward Structure

The ward is structured to have following properties:

| **Property Name** | **Description** |
| --- | --- |
| name | Ward name. |
| num | Ward number. |
| polls | Total number of subdivisions in this ward. |
| pollsReceived | Total number of subdivisions received in this ward. |
| totalVoters | Total number of voters in this ward. |
| votesCounted | Total number of votes counted in this ward. |
| votesReceived | Total number of votes received for this candidate in this ward. |
| Example: |  { "name" : "Etobicoke North", "num" : "1", "polls" : "39", "pollsReceived" : "34", "totalVoters" : "30064", "votesCounted" : "16537", "votesReceived" : "0" } |