Capturing Voter Wait Times and Elections Results Visualizations

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Collin County, Texas

- Dallas/Ft. Worth Metroplex
- Population – 942,063
  (Source: Collin Co GIS)
- Highly Educated, Affluent and Mobile
- Citizen Engagement is Difficult for Texas Counties
- Elections are our “High Water Mark"
Setting the Stage – Vote Centers

- **HB 758 – 79th Texas Legislature**
  - Vote Centers or “Super Precincts”
  - Electronic Poll Books
  - Lubbock Co as the original pilot study

- **HB 719 – 81st Texas Legislature**
  - Four Counties – including Collin Co
  - 1st Collin Co Vote Center Election
    - November 3, 2009
  - 2nd Vote Center Election
    - November 2, 2010

- To date: 45 Counties Participate
Collin County voters wait in long lines due to computer problems and heavy turnout

By THEODORE KIM and ED HOUSEWRIGHT / The Dallas Morning News
tkim@dallasnews.com ehousewright@dallasnews.com
Published: 02 November 2010 09:43 AM
Updated: 30 November 2010 12:06 PM

Some voters in Collin County waited in long lines Tuesday in delays blamed on computer problems and heavy turnout.

Collin County judge says "vote center" system may have contributed to long lines on election day

By ED HOUSEWRIGHT / The Dallas Morning News
Newsehousewright@dallasnews.com
Published: 03 November 2010 11:17 AM
Updated: 30 November 2010 12:06 PM

Collin County officials say they are evaluating the county's unusual voting system after delays at the polls Tuesday left some voters waiting for hours to
Challenge

• How do we get the word out about Vote Centers?
• How can we reduce long voter lines?
• How do we go mobile?
• Can we use QR Codes?
• Can we have a solution by Nov 2012?
Mobile Voter Line Wait App

Version 1
## Early Voting Location Search

Type an address into the search form below to find the nearest Early Voting Location.

Address: [text field]
Submit

Click on the name of the Early Voting Location below for an interactive map of this location.

### May 10, 2014 Election - Early Voting Locations

<table>
<thead>
<tr>
<th>MapLink</th>
<th>Address</th>
<th>City</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collin County Elections (Main Early Voting Location)</td>
<td>2010 Redbud Blvd, Suite 102</td>
<td>McKinney</td>
<td>•</td>
</tr>
<tr>
<td>Allen Municipal Courts Facility</td>
<td>301 Century Pkwy</td>
<td>Allen</td>
<td>•</td>
</tr>
<tr>
<td>Anna City Hall Administration Building</td>
<td>111 N Powell Pkwy</td>
<td>Anna</td>
<td>•</td>
</tr>
<tr>
<td>Celina ISD Administration Building</td>
<td>205 S. Colorado</td>
<td>Celina</td>
<td>•</td>
</tr>
<tr>
<td>Collin College - Preston Ridge Campus</td>
<td>9700 Wade Blvd</td>
<td>Frisco</td>
<td>•</td>
</tr>
<tr>
<td>Frisco Fire Station #5</td>
<td>14300 Eldorado Parkway</td>
<td>Frisco</td>
<td>•</td>
</tr>
<tr>
<td>Lovejoy ISD Administration Building</td>
<td>259 Country Club Rd</td>
<td>Allen</td>
<td>•</td>
</tr>
<tr>
<td>McKinney Fire Station #5</td>
<td>6600 W. Virginia Parkway</td>
<td>McKinney</td>
<td>•</td>
</tr>
<tr>
<td>McKinney Performing Arts Center</td>
<td>111 N. Tennessee St</td>
<td>McKinney</td>
<td>•</td>
</tr>
<tr>
<td>Murphy City Hall</td>
<td>206 N. Murphy Rd</td>
<td>Murphy</td>
<td>•</td>
</tr>
<tr>
<td>Parker City Hall</td>
<td>5700 E. Parker Road</td>
<td>Parker</td>
<td>•</td>
</tr>
<tr>
<td>Princeton ISD Administration Bldg.</td>
<td>321 Panther Parkway</td>
<td>Princeton</td>
<td>•</td>
</tr>
<tr>
<td>Prosper Municipal Chambers</td>
<td>108 W. Broadway</td>
<td>Prosper</td>
<td>•</td>
</tr>
</tbody>
</table>
Polling Locations

Polling Location Wait Time

- Click View Map
- Choose Polling Location
- Route From Current Location

Estimated Waiting Times

- < 20 Min
- 20 - 40 Min
- > 40 Min

View Map
Technology Makes Collin County Voting Easier

November 5, 2012 5:18 PM

Meet. Map. Master. 9

Related Tags: Collin County, Early Voting, election, QR code, QR Codes, Technology, voting

On the technological front, the busiest polling places in Collin County will also have QR Codes on site. Voters can swipe the code with a smartphone and look at a map displaying green and red lights. A green light means the vote wait time is less than 20 minutes and provides another option to standing in a long line.

NORTH TEXAS (CBSDFW.COM) – Every year technology seems to be changing the election process. This year Collin County had its biggest early voting turnout ever and those ballots are currently being stored inside sealed electronic machines that will be counted on Tuesday, November 6.

bit.ly/CBSQRCode
Mobile Voter Line Wait App

Version 2
Building Mobile VLW v2
Remember the Panic of 2014
Heroes

## May 9, 2015 Joint General and Special Elections - Election Day Vote Center Locations

The polling locations listed below will be open for voting from 7:00 am to 7:00 pm on Saturday, May 9, 2015.

Click on the name of the polling place to view a map of that location.

### May 9, 2015 Election - Election Day Vote Centers

<table>
<thead>
<tr>
<th>MapLink</th>
<th>Address</th>
<th>City</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldridge Elementary School</td>
<td>720 Pleasant Valley Lane</td>
<td>Richardson</td>
<td></td>
</tr>
<tr>
<td>Allen Municipal Courts Facility</td>
<td>301 Century Pkwy</td>
<td>Allen</td>
<td></td>
</tr>
<tr>
<td>Anna City Hall Administration Building</td>
<td>111 N Powell Pkwy</td>
<td>Anna</td>
<td></td>
</tr>
<tr>
<td>Armstrong Middle School</td>
<td>3805 Timberline Drive</td>
<td>Plano</td>
<td></td>
</tr>
<tr>
<td>Bethany Elementary School</td>
<td>2418 Micarta Drive</td>
<td>Plano</td>
<td></td>
</tr>
<tr>
<td>Bowman Middle School</td>
<td>2501 Jupiter Road</td>
<td>Plano</td>
<td></td>
</tr>
<tr>
<td>Carpenter Middle School</td>
<td>3905 Rainier Road</td>
<td>Plano</td>
<td></td>
</tr>
<tr>
<td>Celina ISD Administration Building</td>
<td>205 S. Colorado</td>
<td>Celina</td>
<td></td>
</tr>
<tr>
<td>Collin College - Central Park Campus</td>
<td>2200 W. University Dr</td>
<td>McKinney</td>
<td></td>
</tr>
<tr>
<td>Collin College - Higher Education Center</td>
<td>3452 Spur 399</td>
<td>McKinney</td>
<td></td>
</tr>
<tr>
<td>Collin College - Preston Ridge Campus</td>
<td>9700 Wade Blvd</td>
<td>Frisco</td>
<td></td>
</tr>
<tr>
<td>Collin College - Spring Creek Campus</td>
<td>2800 E. Spring Creek Pkwy</td>
<td>Plano</td>
<td></td>
</tr>
<tr>
<td>Fairview Town Hall</td>
<td>372 Town Place</td>
<td>Fairview</td>
<td></td>
</tr>
<tr>
<td>Farmersville Intermediate School</td>
<td>807 N. Main Street</td>
<td>Farmersville</td>
<td></td>
</tr>
</tbody>
</table>
Collin College Central Park Directions

Total Distance: 0.96 miles  Duration: 3 minutes

1. Start at 2070 N Graves St, Fairview
2. Go south on N Graves St toward Wysong Dr (0.21 miles)
3. Turn right on W University Dr (US-380 W) (0.75 miles)
4. Finish at Collin College Central Park Campus, on the right
Election Day: Collin County voters may cast their ballots on Tuesday, Nov. 4, at any Vote Center listed here. Mobile users can go here and our new app will map directions to the closest poll based on your location.
Scan the QR Code for other Polling Locations and Wait Times

Escaneé el Codigo QR para otros Centros de Votacion y Tiempos de Espera

http://electionmaps.collincountytx.gov
Mobile Voter Line Wait App

Version 2.1

Search for "time station" on a device screen showing an app for TimeStation - Attendance & Time Clock.

- Related: time clock

Apps shown:
- TimeStation - Attendance & Time Clock
- TimeClock ST

Features include:
- Users check in and out by scanning their TimeStation card or entering their 4-digit PIN.
- TimeClock ST is available for purchase at $8.99.
Wylie ISD Educational Service Center

Wait Time (Minutes)
Election Results
The Presidential 2016 statistics reflects Election Day and the Early Voting period. All Voting numbers are derived from the Statement of Votes Cast.

- **366,483** Voters
- **38,860** Registered since Mar 1st
- **11%** Registered Voters Voted on Election Day (60,859 Voters)
- **68%** Voter Turnout (540,084 Registered)
- **83%** Early Voted (305,624 votes cast)
These numbers represent how the website and Voter Line Wait app performed during the Election period.

114,953
Voter Line Wait App
Early Voting – 103,059 pageviews
Election Day – 11,894 pageviews

659,040
Election Related Pageviews

136,340
Routes Generated
Early Voting – 107,519 routes
Election Day – 28,815 routes

2,026,585
Total Pageviews During the Election Period
The chart represents the Collin County webpage pageviews during the Election period of 10/15/2016 – 11/08/2016.

### Summary

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Pageviews</td>
<td>2,026,585</td>
<td>First Time Visitors</td>
<td>348,844</td>
</tr>
<tr>
<td>Total Visits</td>
<td>509,015</td>
<td>Avg. Pageviews for Election Period</td>
<td>81,063</td>
</tr>
<tr>
<td>Daily Unique Visitors</td>
<td>469,115</td>
<td>Avg. Pageviews / Day</td>
<td>45,987</td>
</tr>
<tr>
<td>Hourly Unique Visitors</td>
<td>508,912</td>
<td>Pageviews / Visit</td>
<td>3.98</td>
</tr>
</tbody>
</table>

The Collin County, Texas website’s “high-water mark” is always Federal Election periods (Early Voting and Election Day).
Live Demo

Fingers Crossed
2016 Presidential Election Voter Distribution

Vote Centers: Gay Library
Election Day Voters: 2520
Did I feed the cats this morning?

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