

## VOTER ROLL TRIVIA

### What was the average date and time voters were registered at a polling place?

Looking at election day and post election day registration:

First by hour on the clock (military time)

```
ApDate_11_03_2020.groupby(ApDate_11_03_2020['ApplicationDate']).dt.hour).size()
```

#### ApplicationDate

4	77	
5	50	
6	38051	<- this is a "batch" timestamp* so ignore for now
12	127	<- polling location is open for business
13	597	
14	884	
15	1046	
16	1059	
17	1125	
18	1093	
19	1108	<- <b>polls closing</b>
20	1137	8pm registrants
21	1343	9pm
22	1648	10pm
23	1791	11pm

What the data tells us

**After the polls closed on the 3rd, 7000+ people registered at a polling place from 7pm to midnight.**

\* A batch timestamp generally is associated with an online registration. People go to a website and submit their registration request on a Monday and perhaps the following Tuesday, they all show up with the same date and time. So while 38,051 is a large number, it can be explained as normal. Because of this, we will ignore it.

**Here are Nov. 3<sup>rd</sup> (EDR) registrations by county\***

ApDate\_11\_03\_2020.groupby(['County']).size()

Adams County	351
Brown County	1675
Calumet County	418
Columbia County	1459
Crawford County	385
Dane County	4542
Dodge County	1454
Fond du Lac County	1515
Grant County	1123
Green County	729
Green Lake County	272
Iowa County	451
Jefferson County	2195
Juneau County	394
Kenosha County	1188
La Crosse County	1499
Lafayette County	145
Manitowoc County	2085
Marquette County	104
Milwaukee County	5390
Monroe County	221
Outagamie County	1849
Ozaukee County	1213
Portage County	1694
Racine County	2614
Richland County	442
Rock County	1768
Sauk County	717
Shawano County	2
Sheboygan County	2253
Vernon County	237
Walworth County	1282
Washington County	2438
Waukesha County	3292
Waupaca County	806
Waushara County	390
Winnebago County	2544

\* These are the counties that contributed most of the ballots (80/20 rule) To check ballot quantities, try [StatBandit.com](https://www.statbandit.com)

**Now let's look at the day after the election... Nov. 4th:**

**Only midnight to 6am!**

```
ApDate_11_04_2020.groupby(ApDate_11_04_2020['ApplicationDate']).dt.hour).size()
```

Application-date

0	1682	<- midnight
1	1140	1am
2	478	2am
3	191	3am
4	62	4am
6	316	6am

**From this, we wonder: How does one register at a polling location from midnight to 6am?**

The goal of this and every other thing we have produced is to help others understand the data that is available to us.

We can't ask for directions if we don't know where we are or where we want to go.

If you have questions, call or write. We are here to shed light on the dark corners of the very messy WEC data.

Want a copy of the spreadsheet that shows these details? Just ask!

**Call, text or fax us 24/7 on the AP76 Hotline [608-729-9884](tel:608-729-9884)**

**Or via [info@AP76.org](mailto:info@AP76.org)**