

This guide is primarily intended for those who subscribe to TWN election calendars to display in their personal calendar applications but applies to internet calendar subscriptions in general.

You may want to change the refresh or update rate of the calendar. The shorter the refresh rate, the more up to date your calendar will be. The longer the refresh rate, the less up to date your calendar will be.


Different calendar programs use different ways of controlling the update frequency for pulling in subscribed calendar information. Here we try to summarize this information for the most commonly used calendar apps.

Apple Calendar/iCal (Mac OS 12/13)

In the latest versions of iOS take the following steps to refresh a downloaded calendar:

- Open the default Calendar app
- Select “Calendars” at the bottom of the screen.
- Pull down the list of calendars to refresh all calendars.
- Tap “Done” and now you should see the updated events.

Apple Calendar/iCal (Mac OS 11 or earlier)

- Internet calendar subscriptions in Apple Calendar will be indicated by this icon  in the list of calendars
- To change the update frequency of a subscribed calendar
 1. Select the calendar in the sidebar and then choose **Get Info** from the **Edit** menu
 2. If you selected a subscribed internet calendar, you will see an **Auto-refresh** popup menu
 3. Select your desired refresh frequency from the **Auto-refresh** pop-up menu
 4. Click **OK** to save your changes

Apple iOS Calendar (iPhone and iPad)

1. Navigate to the **Settings** app
2. Tap on **Calendar** to go to calendar settings
3. Tap on **Accounts** to see all your calendar accounts and subscriptions
4. Tap on **Fetch New Data**
5. Scroll down to the **Fetch** section and select your desired update frequency

Note that unlike your desktop Apple Calendar, on iOS the setting applies to all calendar subscriptions that are set to **Fetch**. Calendar updates will happen in the background,

and for large calendars frequent updates can cause your battery to drain faster. Keep that in mind when you select an update frequency.

More information on refreshing calendars on earlier Mac OS versions can be found [here](#).

Microsoft Outlook (Windows)

Outlook for Windows observes the non-standard X-PUBLISHED-TTL setting in an iCal feed to set automatic update frequency. TWN iCal feeds do not currently set this value, which means updates may be limited to when Outlook performs a **Send & Receive** operation. If your Outlook program is not set to automatically run **Send & Receive** periodically, you can adjust this interval in **File > Options > Advanced**.

Microsoft Outlook 2016 (Mac OS)

Outlook 2016 for Mac OS does not allow you to directly subscribe to internet calendars or adjust the update interval.

More information on syncing Outlook for Mac can be found [here](#).
More information on syncing calendars in Office 365 can be found [here](#).

Google Calendar (web)

Google Calendar does not allow you to adjust the update interval for iCal calendar subscriptions and does not observe a TTL set in the calendar feed. Google Calendar updates feed information once every 8 hours.

Google Calendar (Android)

Google Calendar does not allow you to adjust the update interval for iCal calendar subscriptions and does not observe a TTL set in the calendar feed. Google Calendar updates feed information once every 24 hours.

More information on syncing Google calendars can be found [here](#).