

The FRED Mobile App

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28 Mar 2014

This document describes how to access and run the FRED mobile app on your smart phone or tablet. The FRED mobile app lets you request FRED simulations and view results on your mobile device.

1. Aim your device's browser at the FRED web site <http://fred.publichealth.pitt.edu>. You will be redirected to the mobile site. You can click on the **Full Site** button to access the full web site from a mobile device.
2. Now click on the **Get Started** button to request a FRED simulation for a specific location and epidemic scenario.
3. Choose a state from the pull-down menu.
4. Choose a city within the selected state.
5. Select epidemic severity:
 - A value of "High" corresponds to a basic reproductive rate R_0 of about 2.2
 - A value of "Medium" corresponds to a basic reproductive rate R_0 of about 1.7
 - A value of "Low" corresponds to a basic reproductive rate R_0 of about 1.2The actual R_0 value for a given epidemic depends on the population density and age structure of the selected city.
6. The display will change to the Results page for the requested simulation showing two movies:
 - A movie of the epidemic spread with no prior population immunization.
 - A movie of the epidemic spread with 50% of the population immunized.

Feedback?

We are very interested in receiving feedback about the FRED web site. Please send any comments or suggestions for new features to gref@pitt.edu. Thanks!