

## BenMAP-CE v1.1 Known Issues (Updated 3/4/2015)

1. Version 1.08 included a critical bug fix that addresses a problem with previous versions of BenMAP-CE when creating percentage crosswalks using some user-created shapefiles. If you added grid definitions to versions of BenMAP-CE older than 1.08, we strongly recommended that you perform a complete install (with a fresh copy of the database). Alternatively, you may keep your existing database, but you should remove and re-add the grid definitions you added to ensure that the percentage crosswalks are accurately generated.
2. The program needs to be installed as an Administrator to avoid issues. And a restart may in some cases be needed to complete the installation. We would appreciate hearing about any difficulties encountered by users.
3. If you have completed a BenMAP-CE run and have produced both health impact results and pooled incidence results, when switching from the Pooled Incidence Results tab to the Health Impact Results tab, the lower half of the screen does not refresh. To display the Health Impact Results you must select one or more functions and click the "Show results" button (or double-click on a single function to show the results for that function).
4. There are known issues with the DotSpatial library which may cause a null reference exception or cause the program to crash when attempting to edit the legend text or color (for an individual category) on the GIS map. These issues have been reported to the DotSpatial CodePlex.
5. The VNA algorithm used in BenMAP-CE v1.1 provides slightly different results than the BenMAP v4.0 VNA algorithm. As a result, air quality surfaces generated from monitor data will be different.
6. There are still some visual issues (things that don't line up precisely).
7. The monitor rollback feature includes options for proportional, incremental and peak-shaving rollbacks. However, this version does not include an option for quadratic rollbacks. We may build this feature into future versions of the program.
8. Under certain circumstances, the program may not aggregate reliably the results from finer to coarser scales, particularly in cases where the coarser-scale grid is irregularly shaped. This error does not affect the total size of the results, but rather the way in which those results are spatially distributed. We have developed an interim fix to this problem, allowing users to generate reliable results when aggregating between the 12km and 36km CMAQ grids and the County, State, and Nation grids in the United States setup. Version 1.5 will include a permanent fix for this issue.
9. This version of BenMAP-CE uses an open-source reporting tool called ZedGraph that provides basic reports. Future versions of BenMAP-CE will include a fully-featured reporting tool.
10. When importing a new grid definition, BenMAP-CE needs to create a "grid definition crosswalk" between that new grid and other grids in the program when you first perform an analysis. BenMAP-CE will perform this task only once, but it may run for a very long time. While it is faster than in the beta test version, we are still working to find a way to speed up this process.
11. The monitor data included in BenMAP-CE is badly out of date.
12. Pooling and valuation is still a difficult process, and any ideas about how this could be improved would be greatly appreciated.

We will be working to address these issues in future versions of the program, and will be updating this list as more issues are found or reported. Please report any issues that do not appear on this list to [benmap@epa.gov](mailto:benmap@epa.gov) or at <http://www2.epa.gov/benmap/benmap-community-edition> .