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Environmental Benefits Mapping and Analysis Program – Community Edition (BenMAP–CE)

BenMAP Community Edition

- Proven software that estimates the health impacts and economic value of changes in air quality.

- Powerful enough to perform a full-scale benefits assessment, but easy enough for beginners to use.

- Open-source to encourage community ownership.

BenMAP-CE is an open-source computer program that calculates the number and economic value of air pollution-related deaths and illnesses. The software incorporates a database that includes many of the concentration-response relationships, population files, and health and economic data needed to quantify these impacts.

BenMAP-CE enables users to load their own data or use pre-loaded datasets for the U.S. and China, including

- Air quality data
- Demographic data
- Economic values
- Concentration-response relationships

Basic Information

- How BenMAP-CE Estimates the Health and Economic Effects of Air Pollution
  <https://epa.gov/benmap/how-benmap-ce-estimates-health-and-economic-effects-air-pollution>

- Questions BenMAP-CE Can Help Answer <https://epa.gov/benmap/questions-benmap-ce-can-help-answer>

Downloads and Tools

- Downloads <https://epa.gov/benmap/benmap-downloads>

- Reduced-Form Tools for Calculating PM2.5 Benefits <https://epa.gov/benmap/reduced-form-tools-calculating-pm25-and-ozone-benefits>

- Regional Datasets <https://epa.gov/benmap/benmap-ce-regional-datasets>

How Analysts Have Run BenMAP-CE

- Applications: Articles and Presentations <https://epa.gov/benmap/benmap-ce-applications-articles-and-presentations>

How Can I Get Help?

- Training Materials <https://epa.gov/benmap/benmap-ce-training-materials>

- Manual and Appendices for BenMAP-CE <https://epa.gov/benmap/benmap-ce-manual-and-appendices>

- BenMAP-CE Points of Contact <https://epa.gov/benmap/regional-benmap-ce-experts>

Contact Us <https://epa.gov/benmap/forms/contact-us-about-benmap> to ask a question, provide feedback, or report a problem.

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