

# Version 3 CREAP Release Notes

Trien Nguyen, Tracy Snoddon and Randall Wigle

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## 1 Version 3b September, 2008

This is the first revision of the 2001 data and **BMRT V3** model. The release includes a tiny version of the data set so potential users can try out the model with real (if *very* aggregated) data.

There was a minor change to the main program file (`bmr.t.gms`) and trivial changes to some other files. In most cases the only change was to replace (the version identifier for the data files from **a** to **b**).

### 1.1 Known Issues

1. The 2001 data has a very few small benchmark discrepancies, which for now we are ignoring.<sup>1</sup> Most are very small (amounting to excess demands in the tens of thousands of \$C). One is a discrepancy of \$1.5 million in the demand for foreign exchange. We expect that is related to our treatment of within-Canada transfers. We intend to have much better treatment of within-Canada transfers in a future version

### 1.2 Change Log

1. The problem with the NB mining sector produced RPP with no inputs of crude.<sup>2</sup>

### 1.3 File Inventory

This release is packaged as three zip archives. The ‘???’ in the archive filenames is the date the archive was created.

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<sup>1</sup>To be more specific, we solve the model with no policy change to eliminate the small discrepancies.

<sup>2</sup>This of course caused very odd response in that sector when the price of crude and fuels goes up.

**BMRT model** This archive includes the GAMS/MPSGE source files for BMRT, including model documentation and user guide. This archive includes a highly aggregated version of the 2001 data. Note: Users require a GAMS/MPSGE licence to run the model.

`bmrt-V3-???.zip`

**2001 Data** This archive includes the 2001 base data, associated documentation and various utilities (notably a flexible aggregation utility). Statistics Canada allows us to make this is available to Canadian academics and graduate students free of charge.<sup>3</sup> The data is also available to public or private sector users who supply evidence that they have purchased the 2001 provincial IO data (IN OU, FD and TRADE).<sup>4</sup>

`CREAP-data-V3-???.zip`

Detailed lists of contents for the latest release are included in the appendix.

## 2 Version 3.1

### 2.1 BMRT V3.1

We plan to release Version 3.1 of BMRT in 2008. The main changes we expect are the following:

**transfers** Within-Canada transfers will be more explicitly identified. Specifically:

1. We will enforce that local governments do no borrowing or lending.
2. We will explicitly model intergovernmental transfers and better represent transfers from governments to citizens.

**labour classes** We also hope to distribute some sample data sets which include skill and/or occupational disaggregation of labour inputs.

Note that addition of greenhouse emissions may have to wait for the next update of the data (to 2003–2004). Anyone interested in contributing to this should contact us.

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<sup>3</sup>Suitable evidence of status must be provided.

<sup>4</sup>See <http://www.statcan.ca/english/reference/refcentre/index.htm> for contact information.

## A File lists for Version 3.0 Archives

Table 1: BMRT Version 3.0 Model Archive

/creap/build/read-creap-v3.gms	standard code to read V3 data sets
/creap/bmrtv3/v3.bat	batch file to do sample runs
/creap/bmrtv3/bmrt-v3.gms	bmrt Version 3 model
/creap/bmrtv3/mod-data-v3.gms	necessary data adjustments
/creap/bmrtv3/bmrt-tex-v3.gms	(optional) produces L <sup>A</sup> T <sub>E</sub> X output
/creap/bmrtv3/no-change.gms	counterfactual — no change
/creap/bmrtv3/tariff-meq.gms	counterfactual — tariff experiment
/creap/bmrtv3/cheap-MEQ.gms	counterfactual — world price change
/creap/data/CREAP-DATA-2001-tiny-v3a.gdx	tiny data set (gdx)
/creap/data/CREAP-DATA-2001-tiny-V3a.xls	tiny data set (xls)
/creap/defines/tiny-v3.map	tiny data mapping file
/creap/defines/tiny-v3.set	tiny data sets file
/creap/doc/bmrt-v3-doc.pdf	model documentation
/creap/doc/bmrt-v3-ug.pdf	user guide

Table 2: CREAP 2001 (Version 3.0) Data Archive

/creap/build/creap-agg-v3.gms	Data aggregation utility
/creap/build/creap-agg-v3.bat	batch file to call aggregation utility
/creap/defines/tiny-v3.map	sample mapping file
/creap/defines/tiny-v3.set	sample sets file
/creap/data/CREAP-DATA-2001-Cbe-v3a.gdx	2001 CREAP Base data (gdx)
/creap/data/CREAP-DATA-2001-Cbe-V3a.xls	2001 CREAP Base data (xls)
/creap/data/CREAP-DATA-2001-tiny-v3a.gdx	Sample highly aggregated data set (gdx)
/creap/data/CREAP-DATA-2001-tiny-V3a.xls	Sample highly aggregated data set (xls)
/creap/doc/creap-data-01.pdf	data documentation
/creap/inclib/*.*	aggregation routines

Table 3: CREAP 2001 (Version 3.0) Documentation Archive

/creap/doc/creap-data-01.pdf	data documentation
/creap/doc/bmrt-v3-doc.pdf	model documentation
/creap/doc/bmrt-v3-ug.pdf	user guide