

# Version 8.13 (December 15th, 2023)

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## Interface Updates

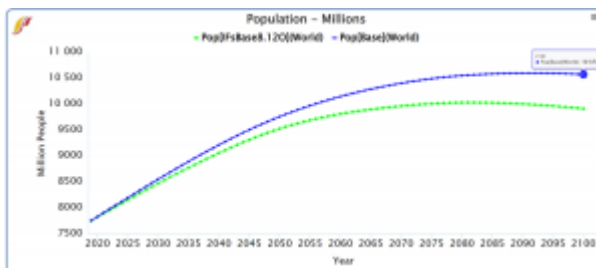
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- Fix in Flex Displays when loading 2<sup>nd</sup> dimensions, then going back to single dimension variables.
- Added On/Off options to Start Year using multiple of 5, and Use Extra Decimals.
- Adding message for Aggregation options when trying with Formula.

## Model Updates

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- Fertility was not including age categories 10-14 and 50-54, now included, increasing Population by 660 Million by 2100, and fixing transients in CBR, and Demographic Dividend.



- Added IFsExogenous logic for COOKSTOVES.
- Added lower limit to DIPLOEMBASSY, negative values were messing up SSP2Full and others
- Adding Dyadic Denominators to the calculation of Total Trade.
- Fix to CARANN exogenous implementation.

## Data Updates

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- 19 Tables inserted & updated
  - 4 updated GDP & GDP PC PPP tables (\$2011 and \$2017), new release from WDI & IMF, preprocessors.
  - 5 updated IMF GFS GovtGenExp tables, negative values removed.
  - 10 updated FAO LandUse tables, preprocessors.
- 65 Tables inserted & updated

- IMAGE project tables updated, 8 new tables are from EmissionCarbon & Cookstoves.
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