

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Values used to generate Figure 2a – model performance metrics during calibration.

File Name: Supplementary Data 2

Description: Values used to generate Figures 2b and 2c – model performance metrics for years 2002-2019.

File Name: Supplementary Data 3

Description: Values used to generate Figure 4 - percentage changes from base case scenario.