



Introduction

- Overview of data requirements in key MDG-related worksheets of the MAMS dataset
- The dataset is in the file <app>-data-mdg.xls
- Selective sheet-by-sheet comments focused on what the data mean; not on how they are generated/estimated. Comments use data in test-data-mdg.xls.





- for student in c next highest and current labor segments are f and fp respectively
- if student in c were to drop out of school without completing cycle c, then the student would belong to fp
 - related to the determinants of students behaviors se previous presentation on MDG related elasticities
- if student in c were to continue schooling sufficiently to climb one notch in terms of labor force type (by educational attainment), then the student would belong to f







- 3. Interpretation by column for mdgeduscen (cont.)
 - mdg7b: ratio between mdg7b indicator in target and base years
 - wage-prem: ratio between relative wages in next higher and current labor segments in target and base years;
 - goal: value reached for the targeted indicator in 2015
- Base-year values for the goal indicators (identified in columns 1 and 2) are found on the following sheets:
 - mdgkeyindic: mdg4, mdg5, mdg7a, mdg7b
 - shredu0: other, education-related indicators





- 1. For base year: data needed for all rows
- 2. For years preceding base, data only needed for the (first) primary cycle:
 - a. shredu0('g1entry', 'c-edup1',t); for the single year baseyr yrcyc(c-edup1) + 1
 Example: if baseyr = 2002 and yrcyc('c-edup1') = 4, then data needed for: 2002 4 + 1 = 1999
 - shredu0('pass', 'c-edup1',t); data needed for all years up to baseyr starting from the year identified under (a).







- deprlab(f,t1)
 - depreciation (attrition rate) for labor factor f in t1
 - main reasons for depreciation (attrition): retirement due to old age or illness; net out-migration
 - MAMS imposes an exogenous labor-force participation rate (among those in labor-force age who are not in school) – see the parameter labpartrat0 in the file <app>-data.general.xls. deprlab is scaled endogenously to achieve this participation rate. Given this, for deprlab only relative values across labor types matter.
 - suggestion: if labor-type-specific data is not available, introduce plausible values (e.g. 0.02 = 2%) for all labor types.
- eduqualgrw(c)
 - annual growth (improvement if >0) in quality for educational cycle
 c (units = shares; e.g. write 1% as 0.01)
 - definition of "quality": real services per student in cycle c (irrespective of whether service is provided by government or nongovernment sectors).
 - data provided on this sheet only matter if govspnd0(c,t) = 4; see the file <app>-data.general.xls.