

## Recoding YearBA into Years to Degree from Clearinghouse Data.

The YearBA variable indicates the year in which the respondent received their BA as reported by the National Student Clearinghouse. From this variable, three variables can be created: a dummy variable for whether the respondent completed the BA in 4 years, a dummy variable for whether the respondent completed the BA in 5 years, and a dummy variable for whether the respondent completed the BA in 6 years. Note that Clearinghouse data was gathered in October of 2008, therefore, only students from 2004, 2003, and 2002 and earlier could have completed 4, 5, or 6 years of post-secondary schooling, respectively. See code below to create years to degree variables.

Please note:

- **ba4yr** is valid for the 2000, 2002 to 2004 cohorts. (2005 cohort is considered missing).
- **ba5yr** is valid for the 2000, 2002 to 2003 cohorts. (2004 & 2005 is considered missing).
- **ba6yr** is valid for the 2000 and 2002 cohorts. (2003, 2004 & 2005 cohorts are considered missing).

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*** finished college -- from Clearinghouse data ***.
missing values YearBA (-999).
compute YrToDeg = YearBA - Year .
Variable label YrToDeg 'Years to Degree' .
if missing(YrToDeg ) YrToDeg = -999 .
value labels YrToDeg
    -999 'Match not found in Clearinghouse Data' .
missing values YrToDeg (-999) .
execute .

* Here a dummy variable is created (ba4yr) with a value of 1 for those who
received a BA in four years and zero for those who did not.
if year le 2004  ba4yr = 0 .
if year gt 2004  ba4yr = -1099 .
if YrToDeg le 4  ba4yr = 1 .
variable label  ba4yr 'fin coll in 4yrs-from yearba, year yeartodeg'.

* Here a dummy variable is created (ba5yr) with a value of 1 for those who
received a BA in five years and zero for those who did not.

if year le 2003  ba5yr = 0 .
if year gt 2003  ba5yr = -1099 .
if YrToDeg le 5  ba5yr = 1 .
variable label  ba5yr 'fin coll in 5yrs-from yearba, year yeartodeg'.

* Here a dummy variable is created (ba6yr) with a value of 1 for those who
received a BA in six years and zero for those who did not.

if year le 2002  ba6yr = 0 .
if year gt 2002  ba6yr = -1099 .
if YrToDeg le 6  ba6yr = 1 .
variable label  ba6yr 'fin coll in 6yrs-from yearba, year yeartodeg'.

execute .
missing values YrToDeg YearBA  () .

do repeat
    a = YrToDeg YearBA  ba6yr ba5yr ba4yr .
if YearBA = -999 a = -999 .
end repeat .

value labels ba4yr ba5yr ba6yr
    -999 'Match not found in Clearinghouse Data'
    -1099 'Missing because not enough years passed to test' .
```