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Subject: Re: Problem with dates in the Ethiopia datasets  
Posted by [kcaglaya@tulane.edu](mailto:kcaglaya@tulane.edu) on Tue, 05 Feb 2019 15:48:09 GMT  
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Hi Sandra,

I don't know which software you are using, but here is the Stata code I wrote to convert the dates in 2011 and 2016 Surveys;

\*Convert from Ethiopian to Gregorian for 2011 and 2016

```
foreach y of numlist 2011 2016 {
```

```
use "`projectdir'/data/eth_`y'_raw/etkr`y'dt/ETKR`y'FL.dta", clear
```

```
*observations with exact birhtday  
replace hw16=. if hw16==98 | hw16==99  
gen birthday_available=hw16!=.
```

```
gen y_gregorian=.  
replace y_gregorian=b2+7 if (b1>=9 & hw16>=6) | b1>9  
replace y_gregorian=b2+8 if (b1==9 & hw16<6) | b1<9  
gen m_gregorian=b1
```

```
gen child_birtheyear=y_gregorian  
gen child_birthmonth=b1  
gen child_birthday=hw16
```

```
gen child_birthdate_g_days=mdy(child_birthmonth, child_birthday, child_birtheyear)  
gen child_birthdate_gregorian=child_birthdate_g_days  
format child_birthdate_gregorian %td
```

```
*convert interview date from Ethiopian to Gregorian Calendar  
gen interview_y_gregorian=.  
replace interview_y_gregorian=v007+7 if (v006>=9 & v016>=6) | v006>9  
replace interview_y_gregorian=v007+8 if (v006==9 & v016<6) | v006<9  
gen interview_m_gregorian=v006
```

```
gen interview_year=interview_y_gregorian  
gen interview_month=v006  
gen interview_day=v016
```

```
gen interview_date_g_days=mdy(interview_month, interview_day, interview_year)  
gen interview_date_gregorian=interview_date_g_days  
format interview_date_gregorian %td
```

```
tempfile `y'_temp
```

```
save ``y'_temp"
```

```
}
```

Best,

Koray

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