# Contribuer à la documentation et à la construction de variables sur le site des utilisateurs de l’EDP

# Contributing to the documentation and variable constructions on the EDP Users website

Si vous souhaitez contribuer, merci de compléter la page 2 et d’envoyer ce document à **Benjamin Marteau – benjamin.marteau@ined.fr**

If you want to contribute, fill the form on page 2 and send this document to **Benjamin Marteau – benjamin.marteau@ined.fr**

Vous pouvez répondre en français, en anglais ou même dans les deux langues/ you may answer in French, in English and even in both languages.

Merci pour votre contribution à la documentation de l’EDP !

Thank you for your contribution to the EDP Users’ documentation!

Ce site des utilisateurs de l’EDP (<http://utiledp.site.ined.fr>) est créé dans le cadre du projet Big\_Stat (<http://big_stat.site.ined.fr/fr>) financé par l’Agence national de la recherche (ANR, <http://www.agence-nationale-recherche.fr/fr/>). Contacts sur le projet Big\_Stat : Giulia Ferrari (giulia.ferrari@ined.fr) et Laurent Toulemon (toulemon@ined.fr)

This EDP users’ website (<http://utiledp.site.ined.fr/en/>) is developed within the research project Big\_Stat (<http://big_stat.site.ined.fr/fr>) funded by the French The French National Research Agency (ANR, <http://www.agence-nationale-recherche.fr/en/>). Contacts on the projet Big\_Stat: Giulia Ferrari (giulia.ferrari@ined.fr) and Laurent Toulemon (toulemon@ined.fr)

# Remplir les parties en jaune / Parts in yellow must be filled in.

**Parts in red are only required for variables based on other constructed variables.**

1. ***Documentation***

# Une variable / A VARIABLE

*Variable créée par NOM, Jour mois année*

*Variable created by NAME, DAY MONTH YEAR*

**Nom de variable / Variable name**

Variable\_name

**Description**

Description en une ou deux phrases / Description of the variable in one or two sentences.

**Fichiers concernés / datafiles used**

Nom des fichiers / file names

**Valeurs de la variable / Variable values**

Valeur 1 / value1 – label1

Valeur 2 / value2 – label2

Valeur … / value… – label…

…

**Variables utilisées en entrée / Required input variables**

Variable1, variable 2… / required\_input1, required\_input2, required\_input3, ...

OU variables déjà construites et documentées sur le site / OR other constructed variables

**Programme SAS OU Stata / Stata-code OR SAS-code**

Lignes de programme construisant la variable. Merc ide rajouter des commentaires (plus il y en a, mieux c’est) / Code for variable to be constructed. Thank you for adding the needed comments (the more the better)

…

…

**Citation / Citing**

Si vous utilisez cette variable merci de citer ce site comme “…” / When using this code please cite this website as follows “…”.

1. ***Références / References***

Article ou chapitre publié, ou document de travail présentant ou utilisant la variable / Published paper or working paper presenting and/or using the variable

1. ***Commentaire / Any other comment***

Merci de rajouter ici tout commentaire qui vous paraît utile / Please feel free to add any additional material that you think can be useful

***EXAMPLE: Age of mother at birth of child***

***Here we need a first example for each source***

**Age of mother at birth of child**

**Variable created by** *John Tomkinson, 14/12/2016*

**Nom de variable / Variable name**

1. age\_birthdec\_yymm
2. age\_birthdec

**Description**

Age of mother at birth of child.

1. Age exact
2. Age in completed years

**Fichiers concernés / datafiles used**

EDP La table Descendance : EDP\_BEnnnn\_descendance

**Valeurs de la variable / Variable values**

Numeric

**Variables utilisées en entrée / Required input variables**

ENF\_IND\_NAI\_DATE, MERE\_IND\_NAI\_DATE

**Programme SAS OU Stata / Stata-code OR SAS-code**

/\*\*\* Date of birth of the child of the individual EDP \*\*\*/

/\*\* Remove incomplete / absent birthdates of child \*\*/

/\* Year of birth incomplete/absent/incorrect \*/

If substr(ENF\_IND\_NAI\_DATE,**1**,**4**) in ("","-- ","0000") then delete ;

/\* Month of birth incomplete/absent/incorrect \*/

If substr(ENF\_IND\_NAI\_DATE,**5**,**2**) in ("- ","","00","99") then delete ;

/\* Day of birth incomplete/absent/incorrect \*/

If substr(ENF\_IND\_NAI\_DATE,**7**,**2**) in ("- ","","00","99") then delete ;

enfdob\_char = cats(substr(ENF\_IND\_NAI\_DATE,**1**,**4**),substr(ENF\_IND\_NAI\_DATE,**6**,**2**),substr(ENF\_IND\_NAI\_DATE,**9**,**2**)) ;

enfdob2 = input(enfdob\_char, **8.**) ;

/\* Correct false birth dates e.g. Feb 29th in non leap year \*/

if enfdob2 = **19770229** then enfdob2 = **19770228** ;

/\* Put into SAS date format \*/

enfdob = input(put(enfdob2,**8.**), yymmdd8.) ;

/\*\*\* Date of birth of mother of child \*\*\*/ ;

/\*\* Remove incomplete / absent birthdates of child \*\*/

/\* Year of birth incomplete/absent/incorrect \*/

If substr(MERE\_IND\_NAI\_DATE,**1**,**4**) in ("","-- ","0000") then delete ;

/\* Month of birth incomplete/absent/incorrect \*/

If substr(MERE\_IND\_NAI\_DATE,**5**,**2**) in ("- ","","00","99") then delete ;

/\* Day of birth incomplete/absent/incorrect \*/

If substr(MERE\_IND\_NAI\_DATE,**7**,**2**) in ("- ","","00","99") then delete ;

mumdob\_char = cats(substr(MERE\_IND\_NAI\_DATE,**1**,**4**),substr(MERE\_IND\_NAI\_DATE,**6**,**2**),substr(MERE\_IND\_NAI\_DATE,**9**,**2**)) ;

mumdob2 = input(mumdob\_char, **8.**) ;

mumdob\_bulnais = input(put(mumdob2,**8.**), yymmdd8.) ;

/\*\*\* Calculate declared age of mum at birth \*\*\*/ ;

/\* Exact age \*/

age\_birthdec\_yymm = intck('MONTHS', mumdob\_bulnais, enfdob, 'C') / **12** ;

/\* Age in completed years \*/

age\_birthdec = floor(age\_birthdec\_yymm) ;

**Citation / Citing**

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1. ***Commentaire / Any other comment***

Users should run frequency tables of input variables in order to identify incomplete and/or erroneous values.