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mi export nhanes1 — Export mi data to NHANES format

</div>

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Description

mi export nhanes1 writes the mi data in memory to disk files in nhanes1 format. The files will be named *filenamestub*.dta, *filenamestub*1.dta, *filenamestub*2.dta, and so on. In addition to the variables in the original mi data, new variable seqn will be added to record the sequence number. After using mi export nhanes1, you can use outfile (see [D] **outfile**) or export delimited (see [D] **import delimited**) to convert the resulting .dta files into a format suitable for sending to a non-Stata user. Also see [U] **22 Entering and importing data**.

mi export nhanes1 leaves the data in memory unchanged.

Menu

Statistics > Multiple imputation

Syntax

> mi export nhanes1 *filenamestub* [, *options odd_options*]

options	Description
replace	okay to replace existing files
uppercase	uppercase prefix and suffix
passiveok	include passive variables

odd_options	Description
nacode(*#*)	not applicable code; default is 0
obscode(*#*)	observed code; default is 1
impcode(*#*)	imputed code; default is 2
impprefix("*string*" "*string*")	variable prefix; default is "" ""
impsuffix("*string*" "*string*")	variable suffix; default is "if" "mi"

Note: *odd_options* are not specified unless you want to create results that are nhanes1-like but not really nhanes1 format.

Options

replace indicates that it is okay to overwrite existing files.

uppercase specifies that the new sequence variable SEQN and the variable suffixes IF and MI be in uppercase. The default is lowercase. (More correctly, when generalizing beyond nhanes1 format, the uppercase option specifies that SEQN be created in uppercase along with all prefixes and suffixes.)

passiveok specifies that passive variables are to be written as if they were imputed variables. The default is to issue an error if passive variables exist in the original data.

nacode(#), obscode(#), and impcode(#) are optional and are never specified when reading true nhanes1 data. The default nacode(0) obscode(1) impcode(2) corresponds to the nhanes1 definition. These options allow changing the codes for not applicable, observed, and imputed.

impprefix("*string*" "*string*") and impsuffix("*string*" "*string*") are optional and are never specified when reading true nhanes1 data. The default impprefix("" "") impsuffix("if" "mi") corresponds to the nhanes1 definition. These options allow setting different prefixes and suffixes.

Remarks and examples   stata.com

mi export nhanes1 is the inverse of mi import nhanes1; see [MI] **mi import nhanes1** for a description of the nhanes1 format.

Below we use mi export nhanes1 to convert miproto.dta to nhanes1 format. miproto.dta happens to be in wide form, but that is irrelevant.

```
. use https://www.stata-press.com/data/r18/miproto
(mi prototype)
. mi describe
Style: wide
      last mi update 31jan2023 09:23:53, 20 days ago
Observations:
   Complete              1
   Incomplete            1   (M = 2 imputations)
   ─────────────────────────
   Total                 2
Variables:
   Imputed: 1; b(1)
   Passive: 1; c(1)
   Regular: 1; a
   System:  1; _mi_miss
   (there are no unregistered variables)
. list
```

	a	b	c	_1_b	_2_b	_1_c	_2_c	_mi_miss
1.	1	2	3	2	2	3	3	0
2.	4	.	.	4.5	5.5	8.5	9.5	1

```
. mi export nhanes1 mynh, passiveok replace
files mynh.dta mynh1.dta mynh2.dta created
```

```
. use mynh
(mi prototype)

. list
```

	seqn	a	bif	cif
1.	1	1	1	1
2.	2	4	2	2

```
. use mynh1
(mi prototype)

. list
```

	seqn	a	bmi	cmi
1.	1	1	2	3
2.	2	4	4.5	8.5

```
. use mynh2
(mi prototype)

. list
```

	seqn	a	bmi	cmi
1.	1	1	2	3
2.	2	4	5.5	9.5

Also see

[MI] **Intro** — Introduction to mi

[MI] **mi export** — Export mi data

[MI] **mi import nhanes1** — Import NHANES-format data into mi