name: <unnamed> E:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\NHANES_NFL_MORTALITY_PAPER\OUTPUT\TABLE1.smcl log: log type: smcl opened on: 2 Nov 2022, 07:35:03 1. 2. 5 . use finaldata_imputed,clear 6. 9. 10 . mi svyset SDMVPSU [pweight=WTSSNH2Y], strata(SDMVSTRA) vce(linearized) singleunit(missing) Sampling weights: WTSSNH2Y VCE: linearized Single unit: missing Strata 1: SDMVSTRA Sampling unit 1: SDMVPSU FPC 1: <zero> 11 . 12 . **AGE SEX RACE_ETHN PIR MARRIED_LIVP HOUSEHOLDSIZE EDUCATION SMOKE ALCOHOL DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE > inb12_serumsi 13 . 14 . **LNNFL LNNFLMEDIAN 15 . 16 . **MORTSTAT 17 . 18 . **AGE_DEATH** 19 . 22 . 23 . mi estimate: svy, subpop(SAMPLE_FINAL): prop SEX 5 Multiple-imputation estimates Imputations Survey: Proportion estimation Number of obs = Number of strata = 15 Population size = 212,496,041

2,071

0.0000

0.0000

13.33

13.33

13.33

15

212,496,041

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
SEX				
1	.4866936	.0088883	.4675403	.5058469
2	.5133064	.0088883	.4941531	.5324597

Small sample

Linearized

Subpop. no. obs =

min

avg

max

Subpop. size

Average RVI

Largest FMI

Complete DF

DF:

Number of PSUs

DF adjustment:

Within VCE type:

24 . mi estimate: svy, subpop(SAMPLE_FINAL): mean AGE

Multiple-imputation estimates		Imputations	=	5
Survey: Mean esti	.mation	Number of obs	=	2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	2,071
		Subpop. size	=	212,496,041
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	13.33
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33
	M C+-	L F0F9/		C :

	Mean	Std. err.	[95% conf.	interval]
AGE	45.05399	.450228	44.0838	46.02419

25 . mi estimate: svy, subpop(SAMPLE_FINAL): prop RACE_ETHN $\,$

Multiple-imputation estimates		Imputations	=	5
Survey: Proportion estimation		Number of obs	=	2,085
Number of strata =	= 15	Population size	=	212,496,041
Number of PSUs =	= 30	Subpop. no. obs	=	2,071
		Subpop. size	=	212,496,041
			=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
DF adjustment: Sr	mall sample	DF: min	=	13.33
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
RACE_ETHN				
_ 0	.6494878	.036247	.5713793	.7275962
1	.120454	.0157336	.0865499	.1543581
2	.1533093	.0267259	.0957178	.2109008
3	.076749	.0102838	.0545884	.0989096

26 . mi estimate: svy, subpop(SAMPLE_FINAL): prop MARRIED_LIVP

Multiple-imputation esti	.mates	Imputation	ns =	5
Survey: Proportion estim	nation	Number of	obs =	2,085
Number of strata =	15	Populatio	n size =	212,496,041
Number of PSUs =	30	Subpop. no	o. obs =	2,071
		Subpop. s:	ize =	212,496,041
		Average R	VI =	0.0000
		Largest FI	= IP	0.0000
		Complete D	DF =	15
DF adjustment: Small s	ample	DF: m:	in =	13.33
		av	vg =	13.33
Within VCE type: Linea	rized	ma	ax =	13.33

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
MARRIED LIVP				
_ 1	.6489229	.0170708	.6121373	.6857085
2	.3510771	.0170708	.3142915	.3878627
		(CAMPLE ETMAL)		
. mi estimate	: svy, subpop	(SAMPLE_FINAL): mean HOUSE	HOLDSIZE
Multiple-impu	tation estimat	tes Imputat	ions =	5

Multiple-imputation estimates Number of obs = 2,085 Survey: Mean estimation Number of strata = Population size = 212,496,041 15 Number of PSUs Subpop. no. obs = 2,071 Subpop. size = 212,496,041 0.0000 Average RVI = Largest FMI 0.0000 Complete DF 15 DF adjustment: Small sample 13.33 min avg 13.33 Within VCE type: Linearized 13.33 max

	Mean	Std. err.	[95% conf.	interval]
HOUSEHOLDSIZE	3.2096	.0696212	3.059574	3.359626

28 . mi estimate: svy, subpop(SAMPLE_FINAL): prop PIR

Multiple-imputation estimates Imputations 5 Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 15 Number of PSUs Subpop. no. obs = 2,071 212,496,041 Subpop. size = Average RVI 0.0677 = Largest FMI 0.0619 Complete DF 15 DF adjustment: Small sample min 12.67 13.06 avg = Within VCE type: Linearized max 13.28

	Proportion	Std. err.	Norn [95% conf.	
PIR				
1	.1815245	.023108	.1317094	.2313397
2	.1946754	.0129503	.1666228	.222728
3	.6238001	.0338441	.5508236	.6967765

29 . mi estimate: svy, subpop(SAMPLE_FINAL): prop EDUCATION

Multiple-imputation estimates Imputations Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 15 Number of PSUs 30 Subpop. no. obs = 2,071 Subpop. size = 212,496,041 Average RVI 0.0006 Largest FMI 0.0140 Complete DF 15 = DF adjustment: Small sample DF: min = 13.32 avg = 13.33 = Within VCE type: Linearized 13.33 max

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
EDUCATION				
1	.0428438	.0064976	.0288422	.0568454
2	.1142348	.0130788	.0860501	.1424195
3	.2008958	.0148544	.1688848	.2329069
4	.335176	.0142423	.3044819	.3658701
5	.3068496	.0220278	.2593811	.3543181

30 . mi estimate: svy, subpop(SAMPLE_FINAL): prop SMOKE

Multiple-imputation estimates Imputations 5 Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 Number of PSUs = Subpop. no. obs = 2,071 Subpop. size = 212,496,041 Average RVI 0.0000 = Largest FMI 0.0128 = Complete DF 15 DF adjustment: Small sample 13.33 DF: min = avg = 13.33 Within VCE type: Linearized max 13.33

	Proportion	Std. err.	Norm [95% conf.	
SMOKE				
1	.5636724	.02304	.5140237	.6133212
2	.2236879	.0156559	.1899511	.2574247
3	.2126397	.0213238	.1666891	.2585902

31 . mi estimate: svy, subpop(SAMPLE_FINAL): prop ALCOHOL

Multiple-imputation estimates Survey: Proportion estimation		Imputations Number of obs	=	5 2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	2,071
		Subpop. size	=	212,496,041
		Average RVI	=	0.0143
		Largest FMI	=	0.0283
		Complete DF	=	15
DF adjustment: 5	Small sample	DF: min	=	13.14
		avg	=	13.14
Within VCE type:	Linearized	max	=	13.14

	Proportion	Std. err.	Nor [95% conf.	
ALCOHOL				
1	.7761901	.0255568	.7210366	.8313436
2	.2238099	.0255568	.1686564	.2789634

32 . mi estimate: svy, subpop(SAMPLE_FINAL): prop DRUG_USER_EVER

Multiple-imputation Survey: Proportion		Imputations Number of obs	= =	5 2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	2,071
		Subpop. size	=	212,496,041
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	13.33
•	•	avg	=	13.33
Within VCF type:	Linearized	max	=	13.33

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
DRUG USER EVER				
0	.544538	.0210756	.4991224	.5899536
1	.455462	.0210756	.4100464	.5008776

33 . mi estimate: svy, subpop(SAMPLE_FINAL): mean DR12TKCAL

Multiple-imput		tes	Imputat:		=	5
Survey: Mean 6	estimation		Number	ot obs	=	2,085
Number of stra	ıta =	15	Populat:	ion siz	e = 1	212,496,041
Number of PSUs	; =	30	Subpop.	no. ob:	s =	2,071
			Subpop.	size	= 1	212,496,041
			Average	RVI	=	0.2680
			Largest	FMI	=	0.2557
			Complete	e DF	=	15
DF adjustment:	Small sam	ple	DF:	min	=	9.41
				avg	=	9.41
Within VCE typ	e: Lineari	zed		max	=	9.41
	Mean	Std	. err.	[95%	conf	. interval]
DR12TKCAL	2122.007	24.9	99035	2065	.849	2178.166

34 . mi estimate: svy, subpop(SAMPLE_FINAL): mean DASH_TOTAL_SCORE

Multiple-imputation estimates Imputations = 5 Survey: Mean estimation Number of obs = 2,085

Number of strata Number of PSUs	= 15 = 30	Population si Subpop. no. o Subpop. size Average RVI Largest FMI Complete DF	bs =	2,496,041 2,071 2,496,041 0.0423 0.0579 15
DF adjustment:	Small sample	DF: min avg	= =	12.73 12.73
Within VCE type:	Linearized	max	=	12.73
	Mean	Std. err.	[95% co	nf. interval]
DASH_TOTAL_SCORE	2.142268	.0571951	2.01843	5 2.266102

35 . mi estimate: svy, subpop(SAMPLE_FINAL): mean PHYSICAL_days_average

Multiple-imputat:	ion estimates	Imputations	=	5
Survey: Mean est	imation	Number of obs	=	2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	2,071
		Subpop. size	=	212,496,041
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
<pre>DF adjustment:</pre>	Small sample	DF: min	=	13.33
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33

	Mean	Std. err.	[95% conf.	interval]
PHYSICAL_days_average	2058.992	208.0617	1610.642	2507.343

36 . mi estimate: svy, subpop(SAMPLE_FINAL): prop SELF_RATED_HEALTH

Multiple-imputati	on estimates	Imputations	=	5
Survey: Proportion	n estimation	Number of obs	=	2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	2,071
		Subpop. size	=	212,496,041
		Average RVI	=	0.0139
		Largest FMI	=	0.0279
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	13.14
		avg	=	13.14
Within VCE type:	Linearized	max	=	13.14

	Proportion	Std. err.	Nor [95% conf.	mal interval]
SELF_RATED_HEALTH 1 2	.8170389	.0186522	.7767875	.8572903
	.1829611	.0186522	.1427097	.2232125

SBP

119.8264

.5175508

118.7096

120.9432

```
37 . mi estimate: svy, subpop(SAMPLE_FINAL): prop CVD_CANCER_HISTORY
   Multiple-imputation estimates
                                    Imputations
                                                                 5
   Survey: Proportion estimation
                                   Number of obs
                                                             2,085
                                    Population size =
   Number of strata =
                              15
                                                       212,496,041
   Number of PSUs
                              30
                                    Subpop. no. obs =
                                                             2,071
                                    Subpop. size
                                                    =
                                                       212,496,041
                                    Average RVI
                                                            0.0000
                                    Largest FMI
                                                            0.0000
                                    Complete DF
                                                                15
                                                    =
   DF adjustment:
                    Small sample
                                            min
                                                    =
                                                             13.33
                                            avg
                                                             13.33
   Within VCE type:
                      Linearized
                                                             13.33
                                            max
                                                           Normal
                        Proportion
                                                    [95% conf. interval]
                                     Std. err.
   CVD_CANCER_HISTORY
                            .854359
                                      .0086608
                                                     .835696
                                                                 .873022
                   0
                            .145641
                                      .0086608
                                                     .126978
                                                                 .164304
39 . foreach x of varlist BMI SBP DBP TOTALCHOLESTEROLSI HBA1C LnACR VitaminD_serum folate_RBCSI vitaminb12_serumsi LNNFL
     2.
                mi estimate: svy, subpop(SAMPLE_FINAL): mean `x'
     3. }
   Multiple-imputation estimates
                                   Imputations
                                                                 5
                                   Number of obs
   Survey: Mean estimation
                                                             2,085
   Number of strata =
                              15
                                    Population size = 212,496,041
   Number of PSUs
                                    Subpop. no. obs =
                                                             2,071
                                    Subpop. size
                                                       212,496,041
                                    Average RVI
                                                            0.0003
                                                    =
                                    Largest FMI
                                                    =
                                                            0.0131
                                    Complete DF
                                                                15
   DF adjustment:
                    Small sample
                                                             13.33
                                    DF:
                                            min
                                                    =
                                                             13.33
                                            avg
                                                    =
   Within VCE type:
                      Linearized
                                                             13.33
                                            max
                        Mean
                               Std. err.
                                              [95% conf. interval]
            BMI
                    29.36393
                                .2507746
                                              28.82352
                                                          29.90433
   Multiple-imputation estimates
                                   Imputations
                                                                 5
   Survey: Mean estimation
                                    Number of obs
                                                             2,085
   Number of strata =
                              15
                                   Population size =
                                                       212,496,041
   Number of PSUs
                                   Subpop. no. obs =
                                                             2,071
                                    Subpop. size
                                                       212,496,041
                                    Average RVI
                                                            0.0131
                                    Largest FMI
                                                            0.0270
                                    Complete DF
                                                                15
   DF adjustment:
                    Small sample
                                                             13.15
                                            min
                                                    =
                                                             13.15
                                            avg
   Within VCE type:
                      Linearized
                                                             13.15
                                            max
                                              [95% conf. interval]
                        Mean
                               Std. err.
```

Multiple-imput Survey: Mean e			tes	Imputat Number		=	2	5 ,085
Number of stra Number of PSUs			15 30	Subpop.	FMI		212,496 0.0	,071
DF adjustment:	: Sma	all sam	ple	DF:	e DF min	=	1:	1.92
					avg	=		1.92
Within VCE typ	oe: I	Lineari	zed		max	=	1:	1.92
		Mean	Std	. err.	[95%	conf	. interv	/al]
DBP	69	.27538	.46	81203	68.2	547	70.29	9606
Multiple-imput	tation	estima	tes	Imputat	ions	=		5
Survey: Mean e				Number		=	2	,085
Number of stra			15		ion size		212,496	
Number of PSUs	5 =		30		no. obs			,071
				Subpop.		=	212,496	
				Average		=		0000 0000
				Largest Complet	∪ DE FMT	=	0.0	9000 15
				combier	ב טר	_		13
DE adjustmont	· Cm	all com	nle			=	1:	2 22
DF adjustment:	: Sma	all sam	ple	DF:	min	=		3.33 3.33
DF adjustment: Within VCE typ		all sam Lineari				= = =	13	3.33 3.33 3.33
-				DF:	min avg max	= =	13 13	3.33
-	pe: I	Lineari	zed	DF:	min avg max err.	= = [95	13 13	3.33 3.33
Uithin VCE typ	ROLSI	Lineari	Mean 92479	Std. .0364	min avg max err.	= = [95	1: 1: % conf.	3.33 3.33 interval 4.97092
Within VCE typ	ROLSI	4.8	Mean 92479	DF:	min avg max err. 058	= = [95	1: 1: % conf.	3.33 3.33 interval
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean 6	ROLSI	4.8	Mean 92479 tes	Std0364 Imputat Number	min avg max err. 058 ions of obs	= = [95 4.8	1: 1: % conf. 14028	3.33 3.33 interval 4.97092 5 ,085
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean of	ROLSI tation estimata =	4.8	Mean 92479 tes	Std0364 Imputat Number Populat	min avg max err. 058 ions of obs	= = [95 4.8	1: 1: % conf. 14028 2 212,496	3.33 3.33 interval 4.97092 5 ,085
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean 6	ROLSI tation estimata =	4.8	Mean 92479 tes	Std0364 Imputat Number Populat Subpop.	min avg max err. 058 ions of obs	= = [95 4.8	1: 1: % conf. 14028 2 212,496	3.33 3.33 interval 4.97092 5,085 ,041
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean o	ROLSI tation estimata =	4.8	Mean 92479 tes	Std0364 Imputat Number Populat Subpop.	min avg max err. 058 ions of obs ion size no. obs size	= = [95 4.8 = = =	2 212,496 212,496	3.33 3.33 interval 4.97092 5,085 ,041
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean o	ROLSI tation estimata =	4.8	Mean 92479 tes	Std0364 Imputat Number Populat Subpop. Subpop.	min avg max err. 058 ions of obs ion size no. obs size RVI	= = = = = = = = = = = = = = = = = = =	2 212,496 0.6	3.33 3.33 interval 4.97092 5,085 ,041 ,071
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean e Number of stra	ROLSI tation estimata = 5 =	4.8 estimation	Mean 192479 tes 15	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest Complet	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF	= = = = = = = = = = = = = = = = = = =	212,496 2212,496 0.6	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean o	ROLSI tation estimata = 5 =	4.8	Mean 192479 tes 15	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF min	= = = = = = = = = = = = = = = = = = =	212,496 0.6	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15 3.33
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean of Number of stra Number of PSUs	ROLSI tation estimat ata = s = : Sma	4.8 estimation	Mean 92479 tes 15 30	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest Complet	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF min avg	= = = = = = = = = = = = = = = = = = =	2 212,496 0.6 0.6	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15 3.33 3.33
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean of Number of stra Number of PSUs	ROLSI tation estimat ata = s = : Sma	4.8 estimation	Mean 92479 tes 15 30	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest Complet	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF min	= = = = = = = = = = = = = = = = = = =	2 212,496 0.6 0.6	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15 3.33
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean of Number of stra Number of PSUs	ROLSI tation estimat ata = s = : Sma	4.8 estimation	Mean 192479 tes 15 30	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest Complet	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF min avg max	= = = = = = = = = = = = = = = = = = =	2 212,496 0.6 0.6	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15 3.33 3.33 3.33
Within VCE typ TOTALCHOLESTER Multiple-imput Survey: Mean of Number of stra Number of PSUs	ROLSI tation estimat ata = s = s c Smale	4.8 estimation all sam	Mean 192479 tes 15 30 uple zed	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest Complet DF:	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF min avg max	= = = = = = = = = = = = = = = = = = =	2 212,496 0.6 0.6	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15 3.33 3.33 3.33
Within VCE type TOTALCHOLESTER Multiple-imput Survey: Mean of Number of stra Number of PSUs DF adjustment: Within VCE type	ROLSI tation estimat ata = s c Sma	4.8 estimation all sam Lineari Mean	Mean 192479 tes 15 30 aple zed Std .02	Std0364 Imputat Number Populat Subpop. Subpop. Average Largest Complet DF:	min avg max err. 058 ions of obs ion size no. obs size RVI FMI e DF min avg max [95% 5.551	= = = = = = = = = = = = = = = = = = =	2:12,496 0.6 0.6 1.1	3.33 3.33 4.97092 5,085 ,041 ,071 ,041 3003 3131 15 3.33 3.33 3.33

Number of stra Number of PSUs DF adjustment: Within VCE typ	s = : Small sam	-		RVI FMI		212,496,041 2,071 212,496,041 0.0085 0.0220 15 13.22 13.22 13.22
	Mean	Sto	d. err.	[95% (conf	. interval]
LnACR	2.142253	.0:	301437	2.07	724	2.207265
Multiple-imput Survey: Mean &		tes	Imputati Number o		=	5 2,085
Number of stra Number of PSUs		15 30		RVI FMI		212,496,041 2,071 212,496,041 0.0000 0.0000
DF adjustment:		-	DF:	min avg max	= =	13.33 13.33 13.33
	Mea	n S	Std. err.	[955	% сс	onf. interval]
VitaminD_serun	64.2672	5 :	1.291837	61.4	4834	18 67.05102
Multiple-imput Survey: Mean 6		tes	Imputati Number o		=	5 2,085
Number of stra Number of PSUs		15 30		RVI		212,496,041 2,071 212,496,041 0.0036 0.0167
DF adjustment:	: Small sam	ple	Complete DF:	min	= =	15 13.28
Within VCE typ	oe: Lineari	zed		avg max	=	13.28 13.28
	Mean	Sto	d. err.	[95% (conf	. interval]
folate_RBCSI	1243.703	26	. 25298	1187	.11	1300.296
Multiple-imput Survey: Mean &		tes	Imputati Number o		=	5 2,085
Number of stra Number of PSUs		15 30	Subpop. Subpop. Average Largest	RVI FMI	= = = =	212,496,041 2,071 212,496,041 0.0000 0.0128
DF adjustment:	: Small sam	ple	Complete DF:	min avg	= =	15 13.33 13.33
Within VCE typ	oe: Lineari	zed		max	=	13.33

		Mean	Std.	err.	[95	% conf.	interv
vitaminb12_se	rumsi	601.9751	23.16	881	552	.0487	651.9
Multiple-impu	tation e	estimates	Imputat	ions	=		5
Survey: Mean	estimati	ion	Number	of obs	=	2	,085
Number of str	ata =	15	Populat	ion size	=	212,496	,041
Number of PSU	s =	30		no. obs			,071
			Subpop.	size	=	212,496	,041
			Average		=		0000
			Largest		=	0.0	0000
			Complet		=		15
DF adjustment	: Smal	ll sample	DF:	min	=		3.33
Within VCE tw	no. L i	inearized		avg max	=		3.33 3.33
Within VCE ty	pe: L	inearizeu		Max	=	1.	3.33
		Mean Std	. err.	[95%	conf	. interv	val]
LNNFL	2.53	37145 .03	45392	2.462	717	2.61	1573
Multiple-impur Survey: Propor			Imputat Number		= =	2	5 ,085
Number of str	ata =	15	Populat	ion size	=	212,496	,041
Number of PSU:	s =	30		no. obs	=	2	,071
			Subpop.		=	212,496	,041
			Average	RVT	=		0000
			Largest	FMI	=	0.0	0000
DE adjustment	·	ll camplo	Largest Complet	FMI e DF	=		15
DF adjustment	: Sma]	ll sample	Largest	FMI e DF min	= =	13	15 3.33
DF adjustment		ll sample inearized	Largest Complet	FMI e DF	=	1: 1:	15
-		•	Largest Complet	FMI e DF min avg	= = = =	1: 1:	15 3.33 3.33
-		inearized	Largest Complet	FMI e DF min avg max	= = = = No	1: 1: 1:	15 3.33 3.33 3.33
Within VCE ty	pe: Li	inearized	Largest Complet DF:	FMI e DF min avg max	= = = = No	1: 1: rmal . interv	15 3.33 3.33 3.33
Within VCE ty	Propor	inearized rtion Std	Largest Complet DF:	FMI e DF min avg max [95%	= = = = No conf	1: 1: 1: rmal . interv	15 3.33 3.33 3.33 val]
Within VCE ty	Propor	inearized rtion Std	Largest Complet DF:	FMI e DF min avg max	= = = = No conf	1: 1: 1: rmal . interv	15 3.33 3.33 3.33
Within VCE ty	Propor	inearized rtion Std	Largest Complet DF:	FMI e DF min avg max [95%	= = = = No conf	1: 1: 1: rmal . interv	15 3.33 3.33 3.33 val]
LNNFLMEDIAN 1 2	Propor .518 .481	inearized Tion Std 32705 .01 17295 .01	Largest Complet DF: . err. 66855 66855	FMI e DF min avg max [95% .482 .4457	= = = = No conf	1: 1: 1: rmal . interv .554	15 3.33 3.33 3.33 val] 2259 7685
Within VCE ty	Propor .518 .483	inearized Tion Std 32705 .01 17295 .01 subpop(SAMP	Largest Complet DF: . err.	FMI e DF min avg max [95% .482 .4457): prop ions	= = = No conf	1: 1: rmal . interv .554: .51:	15 3.33 3.33 3.33
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Proposition	Propor .518 .483 : svy, s tation es rtion es	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554: .51: STAT	15 3.33 3.33 3.33 val] 2259 7685 5,085
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Propos	Propor .518 .483 : svy, s tation es rtion es	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat Subpop.	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size no. obs	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554: .51: STAT	15 3.33 3.33 3.33 val] 2259 7685 5 ,085 ,041
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Proposition	Propor .518 .483 : svy, s tation es rtion es	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat Subpop. Subpop.	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size no. obs size	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554: .51: STAT 2 212,496	15 3.33 3.33 3.33 val] 2259 7685 5,085 ,041 ,071 ,041
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Proposition	Propor .518 .483 : svy, s tation es rtion es	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat Subpop. Subpop. Average	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size no. obs size RVI	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554: .51: STAT 2 212,496 2 212,496 0.0	15 3.33 3.33 3.33 val] 2259 7685 5,085 ,041 ,071 ,041
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Proposition	Propor .518 .483 : svy, s tation es rtion es	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat Subpop. Subpop. Average Largest	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size no. obs size RVI FMI	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554: .51: STAT 2 212,496 2 212,496 0.0	15 3.33 3.33 3.33 val] 2259 7685 5,085 ,041 ,071 ,041 0000 0000
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Proposition	Propor .518 .481 : svy, s tation es ata = s =	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation 15 30	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat Subpop. Subpop. Average	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size no. obs size RVI FMI	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554: .51: STAT 2 212,496 2 212,496 0.0	15 3.33 3.33 3.33 val] 2259 7685 5,085 ,041 ,071 ,041
LNNFLMEDIAN 1 2 . mi estimate Multiple-impur Survey: Proposition	Propor .518 .481 : svy, s tation es ata = s =	inearized Tion Std 32705 .01 17295 .01 Subpop(SAMP estimates stimation	Largest Complet DF: . err. 66855 66855 LE_FINAL Imputat Number Populat Subpop. Subpop. Average Largest Complet	FMI e DF min avg max [95% .482 .4457): prop ions of obs ion size no. obs size RVI FMI e DF	= = = = = = = = = = = = = = = = = = =	1: 1: 1: rmal . interv .554. .51: STAT 2: 212,496. 2: 212,496. 0.0	15 3.33 3.33 3.33 3.33 val] 2259 7685 5,085 ,041 ,071 ,041 ,000 0000 15

	Proportion	Std. err.		mal interval]
MORTSTAT Assumed alive Assumed deceased	.964979 .035021	.0053124 .0053124	.9535315 .0235734	.9764266 .0464685

44 .

45 . mi estimate: svy, subpop(SAMPLE_FINAL): mean AGE_DEATH

Multiple-imputation estimates Imputations Survey: Mean estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 Number of PSUs = 2,071 Subpop. no. obs = Subpop. size = 212,496,041 Average RVI 0.0000 Largest FMI 0.0000 Complete DF 15 DF adjustment: Small sample min 13.33 avg 13.33 Within VCE type: Linearized 13.33 max

 Mean
 Std. err.
 [95% conf. interval]

 AGE_DEATH
 50.94702
 .4578013
 49.96051
 51.93354

46 .

47 . save, replace file finaldata_imputed.dta saved

48 .

49

50 · ************MEN*********************

51 .

52 . capture drop MEN_FINAL

53 . gen MEN_FINAL=.
 (61,050 missing values generated)

54 . replace MEN_FINAL=1 if SAMPLE_FINAL==1 & SEX==1
 (5,940 real changes made)

55 . replace MEN_FINAL=0 if MEN_FINAL~=1
 (55,110 real changes made)

56

57 . save, replace
 file finaldata_imputed.dta saved

58 .

59 . mi estimate: svy, subpop(MEN_FINAL): mean AGE

Multiple-imputation estimates Survey: Mean estimation	<pre>Imputations = Number of obs =</pre>	5 2,085
		_,,,,,
Number of strata = 15	Population size =	212,496,041
Number of PSUs = 30	Subpop. no. obs =	990
	Subpop. size =	103,420,469
	Average RVI =	0.0000
	Largest FMI =	0.0000
	Complete DF =	15
DF adjustment: Small sample	DF: min =	13.33
	avg =	13.33
Within VCE type: Linearized	max =	13.33

	Mean	Std. err.	[95% conf.	interval]
AGE	44.73771	.4551765	43.75685	45.71856

60 . mi estimate: svy, subpop(MEN_FINAL): prop RACE_ETHN

Multiple-imputat:	ion estimates	Imputations	=	5
Survey: Proportion estimation		Number of obs	=	2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	990
		Subpop. size	=	103,420,469
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	13.33
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33

			Normal		
	Proportion	Std. err.	[95% conf.	interval]	
RACE_ETHN					
_ 0	.6575381	.0392874	.572878	.7421981	
1	.1120594	.0147395	.0802975	.1438214	
2	.1579957	.0298625	.0936453	.2223462	
3	.0724067	.0119435	.0466699	.0981436	

61 . mi estimate: svy, subpop(MEN_FINAL): prop MARRIED_LIVP

Multiple-imputat:	Imputations	=	5	
Survey: Proportion	on estimation	Number of obs	=	2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	990
		Subpop. size	=	103,420,469
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	13.33
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
MARRIED LIVP				
1	.6767702	.0194117	.6349401	.7186002
2	.3232298	.0194117	.2813998	.3650599

62 . mi estimate: svy, subpop(MEN_FINAL): mean HOUSEHOLDSIZE

Multiple-imputation estimates Survey: Mean estimation		Imputations Number of obs	= =	5 2,085
Number of strata Number of PSUs	= 15 = 30	Population size Subpop. no. obs Subpop. size Average RVI Largest FMI Complete DF	= = =	990 103,420,469 0.0000 0.0000
DF adjustment:	Small sample	DF: min	=	
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33
	Mean St	d err [95%		nf intervall

	Mean	Std. err.	[95% conf.	interval]
HOUSEHOLDSIZE	3.255955	.0921205	3.057445	3.454465

63 . mi estimate: svy, subpop(MEN_FINAL): prop PIR

Multiple-imputation estimates Survey: Proportion estimation		Imputations Number of obs	=	5 2,085	
Number of strata	=	15	Population size	<u> </u>	212,496,041
Number of PSUs	=	30	Subpop. no. obs	5 =	990
			Subpop. size	=	103,420,469
			Average RVI	=	0.0490
			Largest FMI	=	0.0704
			Complete DF	=	15
DF adjustment:	Small	sample	DF: min	=	12.54
			avg	=	12.99
Within VCE type:	Lin	earized	max	=	13.21

			Nor	mal
	Proportion	Std. err.	[95% conf.	interval]
PIR				_
1	.1639385	.026132	.1075769	.2203
2	.1911641	.0178888	.1523727	.2299555
3	.6448974	.0381371	.562635	.7271598

64 . mi estimate: svy, subpop(MEN_FINAL): prop EDUCATION

Multiple-imputation estimates Imputations Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 15 Number of PSUs 30 Subpop. no. obs = 990 Subpop. size = 103,420,469 Average RVI 0.0000 Largest FMI 0.0128 Complete DF = 15 DF adjustment: Small sample DF: min = 13.33 avg = 13.33 = Within VCE type: Linearized 13.33 max

			Normal		
	Proportion	Std. err.	[95% conf.	interval]	
EDUCATION					
1	.0519456	.0093674	.0317599	.0721312	
2	.1175132	.0169794	.0809242	.1541022	
3	.2166304	.0168473	.1803261	.2529347	
4	.3067385	.0159896	.2722824	.3411946	
5	.3071723	.0239073	.2556546	.35869	

65 . mi estimate: svy, subpop(MEN_FINAL): prop SMOKE

Multiple-imputation estimates Imputations 5 Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 Number of PSUs = Subpop. no. obs = Subpop. size = 103,420,469 Average RVI 0.0001 = = Largest FMI 0.0128 Complete DF 15 DF adjustment: Small sample 13.33 DF: min = avg 13.33 = Within VCE type: Linearized max 13.33

	Proportion	Std. err.	Norr [95% conf.	
SMOKE				
1	.4969289	.0257971	.4413388	.552519
2	.2840504	.0203637	.2401686	.3279323
3	.2190207	.0212757	.1731736	.2648678

66 . mi estimate: svy, subpop(MEN_FINAL): prop ALCOHOL

Multiple-imputation estimates Survey: Proportion estimation	Imputations = Number of obs =	5 2,085
Number of strata = 15	Population size =	212,496,041
Number of PSUs = 30	Subpop. no. obs =	990
	Subpop. size =	103,420,469
	Average RVI =	0.0118
	Largest FMI =	0.0257
	Complete DF =	15
DF adjustment: Small sample	DF: min =	13.17
	avg =	13.17
Within VCE type: Linearized	max =	13.17

	Proportion	Std. err.	Nor [95% conf.	
ALCOHOL				
1	.858269	.0214753	.8119356	.9046023
2	.141731	.0214753	.0953977	.1880644

67 . mi estimate: svy, subpop(MEN_FINAL): prop DRUG_USER_EVER

=	5 2,085
s = = =	0.0000
=	13.33 13.33 13.33
	=

	Proportion	Std. err.	Nor [95% conf.	
DRUG USER EVER				
0	.4733364	.0260073	.4172935	.5293793
1	.5266636	.0260073	.4706207	.5827065

68 . mi estimate: svy, subpop(MEN_FINAL): mean DR12TKCAL

Multiple-imput Survey: Mean e			ions	
•				-
Number of stra	ita = :	15 Populat	ion size =	212,496,041
Number of PSUs	= 3	30 Subpop.	no. obs =	990
		Subpop.	size =	103,420,469
		Average	RVI =	0.2774
		Largest	FMI =	0.2626
		Complete	e DF =	15
DF adjustment:	Small samp	le DF:	min =	9.29
			avg =	9.29
Within VCE typ	e: Lineariz e	ed	max =	9.29
	Mean	Std. err.	[95% co	nf. interval]
DR12TKCAL	2435.569	40.09182	2345.31	1 2525.827

69 . mi estimate: svy, subpop(MEN_FINAL): mean DASH_TOTAL_SCORE

Multiple-imputation estimates Imputations = 5 Survey: Mean estimation Number of obs = 2,085

Number of strata	= 15	Population si	.ze =	212,496,041
Number of PSUs	= 30	Subpop. no. o	bs =	990
		Subpop. size	=	103,420,469
		Average RVI	=	0.0292
		Largest FMI	=	0.0442
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	12.92
		avg	=	12.92
Within VCE type:	Linearized	max	=	12.92
	Mean	Std. err.	[95%	conf. interval]
DASH_TOTAL_SCORE	2.03146	.0672742	1.88	6033 2.176886

70 . mi estimate: svy, subpop(MEN_FINAL): mean PHYSICAL_days_average

Multiple-imputation estimates		Imputations	=	5
Survey: Mean esti	mation	Number of obs	=	2,085
Number of strata	= 15	Population size	=	212,496,041
Number of PSUs	= 30	Subpop. no. obs	=	990
		Subpop. size	=	103,420,469
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	15
DF adjustment:	Small sample	DF: min	=	13.33
		avg	=	13.33
Within VCE type:	Linearized	max	=	13.33

	Mean	Std. err.	[95% conf.	interval]
PHYSICAL_days_average	2652.176	306.8107	1991.032	3313.319

71 . mi estimate: svy, subpop(MEN_FINAL): prop SELF_RATED_HEALTH

Multiple-imputation estimates	<pre>Imputations =</pre>	5
Survey: Proportion estimation	Number of obs =	2,085
Number of strata = 15	Population size =	212,496,041
Number of PSUs = 30	Subpop. no. obs =	990
	Subpop. size =	103,420,469
	Average RVI =	0.0136
	Largest FMI =	0.0276
	Complete DF =	15
DF adjustment: Small sample	DF: min =	13.15
	avg =	13.15
Within VCE type: Linearized	max =	13.15

	Proportion	Std. err.	Nor [95% conf.	
SELF_RATED_HEALTH				
1	.8306019	.0211052	.7850587	.8761451
2	.1693981	.0211052	.1238549	.2149413

72 . mi estimate: svy, subpop(MEN_FINAL): prop CVD_CANCER_HISTORY

Multiple-imputation estimates Imputations 5 Survey: Proportion estimation Number of obs 2,085 Number of strata = Population size = 212,496,041 15 Number of PSUs 30 Subpop. no. obs = 990 Subpop. size = 103,420,469 Average RVI 0.0000 Largest FMI 0.0000 Complete DF 15 = DF adjustment: Small sample DF: min = 13.33 avg = 13.33 Within VCE type: Linearized 13.33 max

	Proportion	Std. err.	Normal [95% conf. interval]
CVD_CANCER_HISTORY 0 1	.8443376	.0156192	.8106799 .8779953
	.1556624	.0156192	.1220047 .1893201

73 .
74 . foreach x of varlist BMI SBP DBP TOTALCHOLESTEROLSI HBA1C LnACR VitaminD_serum folate_RBCSI vitaminb12_serumsi LNNFL

2. mi estimate: svy, subpop(MEN_FINAL): mean `x'

3. } Multiple-imputation estimates **Imputations** 5 Survey: Mean estimation Number of obs 2,085 Number of strata = 15 Population size = 212,496,041 Number of PSUs Subpop. no. obs = Subpop. size 103,420,469 0.0016 Average RVI = Largest FMI = 0.0145 Complete DF 15 DF adjustment: Small sample 13.31 DF: min = 13.31 avg = Within VCE type: Linearized 13.31 max Mean Std. err. [95% conf. interval] BMI 28.71179 .3301785 28.00018 29.42341 Multiple-imputation estimates **Imputations** 5 Survey: Mean estimation Number of obs 2,085 15

Number of strata = Population size = 212,496,041 Number of PSUs Subpop. no. obs = Subpop. size 103,420,469 Average RVI 0.0295 Largest FMI 0.0446 Complete DF 15 12.92 DF adjustment: Small sample DF: min = avg 12.92 Within VCE type: Linearized 12.92 max

	Mean	Std. err.	[95% conf.	interval]
SBP	121.4248	.7028296	119.9054	122.9442

ion estimation Small s Linea Mea 70.4049 Tion estimation = = = = = = = = = = = = = = = = = = =	15 30 ample rized n Std 4 .630	Subpop. Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat	of obs ion size no. obs size RVI FMI e DF min avg max [95% 69.0 ions of obs ion size no. obs size	= = = = = = = = = = = = = = = = = = =	212,496 103,420 0.0 1: 1: 1: 2. interv	990 ,469 0332 0485 15 2.86 2.86 2.86 2.86 val] 6839
Small s Linea Mea 70.4049 cion estimation a = = = = = = = = = = = = = = = = = =	15 30 ample rized n Std 4 .630 mates	Number Populat Subpop. Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	of obs ion size no. obs size RVI FMI e DF min avg max [95% 69.0 ions of obs ion size no. obs size	= = = = = = = = = = = = = = = = = = =	212,496 103,420 0.0 1: 1: 1: 71.70	,085 ,041 ,990 ,469 ,0332 ,0485 ,15 ,2.86 ,2.86 ,2.86 ,085 ,085
Small s. Linea Mea 70.4049 cion estimation a = = =	<pre>30 ample rized n Std 4 .63 mates</pre>	Populat Subpop. Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	ion size no. obs size RVI FMI e DF min avg max [95% 69.0 ions of obs ion size no. obs size	conf	212,496 103,420 0.0 1: 1: 1: 71.70	,041 990 ,469 0332 0485 15 2.86 2.86 2.86 2.86 5,085
Small so Linea Mea 70.4049 cion estimation a = = =	<pre>30 ample rized n Std 4 .63 mates</pre>	Subpop. Subpop. Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	no. obs size RVI FMI e DF min avg max [95% 69.0 ions of obs	= = = = = = = = = = = = = = = = = = =	103,420 0.0 0.0 1.1 1.7 71.70	990 ,469 0332 0485 15 2.86 2.86 2.86 2.86 val] 6839
Small so Linea Mea 70.4049 cion estimation a = = =	<pre>30 ample rized n Std 4 .63 mates</pre>	Subpop. Subpop. Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	no. obs size RVI FMI e DF min avg max [95% 69.0 ions of obs	= = = = = = = = = = = = = = = = = = =	103,420 0.0 0.0 1.1 1.7 71.70	990 ,469 0332 0485 15 2.86 2.86 2.86 2.86 val] 6839
Small sinea Mea 70.4049 Tion estimation A = = =	ample rized n Std 4 .630 mates	Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	size RVI FMI e DF min avg max [95% 69.0 ions of obs ion size no. obs size	= = = = = = = = = = = = = = = = = = =	0.0 0.0 1.1 1.1 1.7 71.70	,469 0332 0485 15 2.86 2.86 2.86 val] 6839 5 ,085
Mea 70.4049 Tion estimation A = = =	rized n Std 4 .630 mates	Subpop. Average Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	size RVI FMI e DF min avg max [95% 69.0 ions of obs ion size no. obs size	= = = = = = = = = = = = = = = = = = =	0.0 0.0 1.1 1.1 1.7 71.70	0332 0485 15 2.86 2.86 2.86 val] 6839 5 ,085
Mea 70.4049 Tion estimation A = = =	rized n Std 4 .630 mates	Average Largest Complet DF: . err. 94287 Imputat Number Populat Subpop. Subpop.	RVI FMI e DF min avg max [95% 69.0 ions of obs	= = = = = = = = = = = = = = = = = = =	0.0 0.0 1.1 1.1 1.7 71.70	0332 0485 15 2.86 2.86 2.86 val] 6839 5 ,085
Mea 70.4049 Tion estimation A = = =	rized n Std 4 .630 mates	Largest Complet DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	FMI e DF min avg max [95% 69.0 ions of obs ion size no. obs size	= = = = = = = = = = = = = = = = = = =	0.0 1. 1. 1. 1. 71.70	0485 15 2.86 2.86 2.86 2.86 val] 6839 5 ,085
Mea 70.4049 Tion estimation A = = =	rized n Std 4 .630 mates	Complet DF: . err. 94287 Imputat Number Populat Subpop. Subpop.	e DF min avg max [95% 69.0 ions of obs ion size no. obs size	= = = conf	1: 1: 1: 71.70	15 2.86 2.86 2.86 2.86 val] 6839
Mea 70.4049 Tion estimation A = = =	rized n Std 4 .630 mates	DF: . err. 04287 Imputat Number Populat Subpop. Subpop.	min avg max [95% 69.0 ions of obs ion size no. obs size	= = = conf 415 = = =	1. 1. 1. interv 71.70	2.86 2.86 2.86 2.86 val] 6839 5 ,085
Mea 70.4049 Tion estimation A = = =	rized n Std 4 .630 mates	. err. 04287 Imputat Number Populat Subpop. Subpop.	ions of obs	= = conf !415 = = =	1. 1. 1. interv 71.70	2.86 2.86 val] 6839 5,085
Mea 70.4049 Tion estimation a = = =	n Std 4 .630 mates	Imputat Number Populat Subpop. Subpop.	ions of obs	= conf	1. interv	2.86 val] 6839 5 ,085
Mea 70.4049 Tion estimation a = = =	n Std 4 .630 mates	Imputat Number Populat Subpop. Subpop.	ions of obs	conf 9415 = = =	71.70	val] 6839 5 ,085
Mea 70.4049 Tion estimation a = =	4 .630 mates	Imputat Number Populat Subpop. Subpop.	[95% 69.0 ions of obs ion size no. obs size	415 = = = =	71.70	val] 6839 5 ,085
70.4049	4 .630 mates	Imputat Number Populat Subpop. Subpop.	ions of obs ion size no. obs	415 = = = =	71.7	5 ,085
ion esticimation a = = =	mates	Imputat Number Populat Subpop. Subpop.	ions of obs ion size no. obs size	= = = =	2	5 ,085 ,041
cimation a = =	15	Number Populat Subpop. Subpop.	of obs ion size no. obs size	=		,085 ,041
cimation a = =	15	Number Populat Subpop. Subpop.	of obs ion size no. obs size	=		,085 ,041
cimation a = =	15	Number Populat Subpop. Subpop.	of obs ion size no. obs size	=		,085 ,041
a = =		Populat Subpop. Subpop.	ion size no. obs size	= =		,041
=		Subpop. Subpop.	no. obs size	=	212,496	-
=		Subpop. Subpop.	no. obs size	=	212,496	-
	30	Subpop.	size			990
Small s				=		
Small s					103,420	,469
Small s			KVI	=		9999
Small s		Largest		=		0000
Small s					0.0	
Small s	_	Complet		=		15
	amp⊥e	DF:	min	=		3.33
			avg	=	13	3.33
Linea	rized		max	=	13	3.33
	Mean	Std.	err.	[95	% conf.	interval
.SI 4	.834797	.0396	501	4.7	49356	4.92023
		T				-
	ma ces				_	5
imation		Number	ot obs	=	2	,085
a =	15	Populat	ion size	=	212,496	,041
=	30				•	990
	-				103.420	
						0000
				=	0.0	0000
		•	e DF	=		15
Small s	ample	DF:	min	=	13	3.33
	-			=	1	3.33
lines	rized		_			3.33
LINEA	i izeu		illax	_	1.	3.33
Mea	n Std	. err.	[95%	conf	. interv	val]
					5.70	0101
5.6292	2 .0	33315	5.557	429		
				429		
5.6292		33315 Imputat		429		5
	ion esticimation = = Small s Linea	A.834797 ion estimates cimation a = 15	d.834797 .0396 dion estimates Imputate Number a = 15 Populat Subpop. Subpop. Average Largest Complet DF: Linearized	A.834797 .0396501 Tion estimates Imputations Number of obs The state of the state	A.834797 .0396501 4.7 Sion estimates Imputations = Number of obs = 15 Population size = Subpop. no. obs = Subpop. size = Average RVI = Largest FMI = Complete DF = Small sample DF: min = avg = Linearized max =	### A.834797

Number of stra Number of PSUs DF adjustment: Within VCE typ	= :		Populati Subpop. Subpop. Average Largest Complete DF:	no. obs size RVI FMI		212,496,041 990 103,420,469 0.0204 0.0349 15 13.05 13.05
	Mean	Std	err.	[95%	conf	. interval]
LnACR	1.959916		23291		901	2.029732
Multiple-imput Survey: Mean e		es	Imputati Number o		=	5 2,085
Number of stra Number of PSUs		15 30	Populati Subpop.	no. obs		212,496,041 990
			Subpop.		=	103,420,469
			Average		=	0.0000 0.0000
			Largest Complete		=	15
DF adjustment:	Small samp	le	DF:	min	=	13.33
2. uujusemenet	J			avg	=	13.33
Within VCE typ	e: Lineariz	ed		max	=	13.33
VitaminD serum	Mean 61.20239		.258246		% co	onf. interval] 63.91377
VI CAIIIIIID_3CI AIII	01.20255		230240	50.	771(05.515//
Multiple-imput Survey: Mean e		es	Imputati Number o		=	5 2,085
Number of stra	ta = :	15	Populati	ion size	=	212,496,041
Number of PSUs		30	Subpop.			990
			Subpop.		=	103,420,469
			Average		=	0.0021
			Largest		=	0.0151
			Complete	e DF	=	15
DF adjustment:	Small samp	le	DF:	min	=	13.31
				avg	=	13.31
Within VCE typ	e: Lineariz o	ed		max	=	13.31
	Mean	Std	err.	[95%	conf	. interval]
folate_RBCSI	1214.943	24.8	32662	1161.	434	1268.453
Multiple-imput Survey: Mean e		es	Imputati Number o		=	5 2,085
Number of stra	ta = :	15	Populati	ion size	=	212,496,041
Number of PSUs		30	Subpop.			990
			Subpop.		=	103,420,469
			Average		=	0.0006
			Largest		=	0.0134
			Complete	DF	=	15
DF adjustment:	Small samp	le	DF:	min	=	13.33
				avg	=	13.33
Within VCE typ	e: Lineariz	ed		max	=	13.33

		Mean	Std.		[95	% conf.	
vitaminb12_ser	umsi 548	.0324	13.77	7349	518	.3504	577.
Multiple-imputa	ation estima	tes	Imputat	ions	=		5
Survey: Mean e		ccs	Number		=	2	2,085
Number of stra	ta =	15	Populat	ion size) =	212,496	5,041
Number of PSUs	=	30		no. obs			990
			Subpop.	size	=	103,420	,469
			Average		=	0.	.0000
			Largest		=	0.	.0000
		_	Complet		=	_	15
DF adjustment:	Small sam	ple	DF:	min	=		13.33
udabia voc a				avg	=		L3.33
Within VCE type	e: Lineari	zea		max	=]	L3.33
	Mean	Std	. err.	[95%	conf	. inter	val]
LNNFL	2.594147	.030	66145	2.515	5247	2.67	73047
. mi estimate:	svy, subpop	(MEN_I	FINAL):	prop LNN	IFLME	DIAN	
Multiple-imputa	ation estima	tes	Imputat	ions	=		5
Survey: Propor	tion estimat	ion	Number	of obs	=	2	2,085
Number of stra	ta =	15	Populat	ion size	<u> </u>	212,496	5,041
Number of PSUs	=	30		no. obs	; =		990
			Cuhnon			103,420	1.469
				size	=	105,420	,,
			Average	RVI	=	0.	.0000
			Average Largest	RVI FMI	= =	0.	.0000 .0000
DE adjustment.	Small cam	ın]o	Average Largest Complet	RVI FMI E DF	= = =	0. 0.	.0000 .0000 15
DF adjustment:	Small sam	ple	Average Largest	e RVI FMI ce DF min	= = = =	0. 0.	.0000 .0000 15 L3.33
-		•	Average Largest Complet	e RVI FMI te DF min avg	= = = =	0. 0. 1	.0000 .0000 15 13.33
-		•	Average Largest Complet	e RVI FMI ce DF min	= = = =	0. 0. 1	.0000 .0000 15 L3.33
-	e: Lineari	zed	Average Largest Complet DF:	e RVI FMI TE DF min avg max	= = = = = = No	0. 0. 1 1 1	.0000 .0000 15 13.33 13.33
•		zed	Average Largest Complet	e RVI FMI TE DF min avg max	= = = = = = No	0. 0. 1 1	.0000 .0000 15 13.33 13.33
Within VCE type	e: Lineari Proportion	zed Std	Average Largest Complet DF:	e RVI FMI E DF min avg max	= = = = = = No	0. 0. 1 1 1 rmal . inter	.0000 .0000 .15 !3.33 !3.33 !3.33
Within VCE type	e: Lineari Proportion .4922736	std	Average Largest Complet DF:	PRVI FMI EPDF min avg max	= = = = = = No conf	0. 0. 1 1 1 1 rmal . inter	.0000 .0000 .0000 .15 .13.33 .13.33 .13.33 .13.33
Within VCE type	e: Lineari Proportion	std	Average Largest Complet DF:	e RVI FMI E DF min avg max	= = = = = = No conf	0. 0. 1 1 1 1 rmal . inter	.0000 .0000 .15 !3.33 !3.33 !3.33
Within VCE type	e: Lineari Proportion .4922736	std	Average Largest Complet DF:	PRVI FMI EPDF min avg max	= = = = = = No conf	0. 0. 1 1 1 1 rmal . inter	.0000 .0000 .0000 .15 .13.33 .13.33 .13.33 .13.33
LNNFLMEDIAN 1 2	Proportion .4922736 .5077264	.020	Average Largest Complet DF:	e RVI FMI FMI TE DF min avg max [95%	= = = = = No conf	0. 0. 11 11 11 11 11 11 11 11 11 11 11 11 11	.0000 .0000 .0000 .15 .13.33 .13.33 .13.33 .13.33
LNNFLMEDIAN 1 2	Proportion .4922736 .5077264 svy, subpop	. gzed Std . 020	Average Largest Complet DF: . err. 05329 05329	PRVI FMI FMI TE DF min avg max [95% .4486 .4634	= = = = = No conf	0. 0. 11 11 11 11 11 11 11 11 11 11 11 11 11	.0000 .0000 .0000 .15 .13.33 .13.33 .13.33 .13.33
LNNFLMEDIAN 1 2 . mi estimate:	Proportion .4922736 .5077264 svy, subpopation estima	.020 .020	Average Largest Complet DF:	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = No conf	0. 0. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.0000 .0000 .0000 .15 .13 .33 .13 .33 .13 .33 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .
LNNFLMEDIAN 1 2 . mi estimate:	Proportion .4922736 .5077264 svy, subpopation estima	.020 .020	Average Largest Complet DF: . err. 05329 05329 FINAL): Imputat Number	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.0000 .0000 .0000 .15 .13.33 .13.33 .13.33
LNNFLMEDIAN 1 2 . mi estimate: Multiple-imputa Survey: Proport	Proportion .4922736 .5077264 svy, subpopation estimation estimat	Std .020 .020 .(MEN_I	Average Largest Complet DF: . err. 05329 05329 FINAL): Imputat Number Populat	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.0000 .0000 .0000 .15 .13.33 .13.33 .13.33 .13.33 .13.33 .13.33 .13.33 .13.33
LNNFLMEDIAN 1 2 . mi estimate: Multiple-imputa Survey: Proport	Proportion .4922736 .5077264 svy, subpopation estimation estimat	Std .020 .020 (MEN_I	Average Largest Complet DF: . err. 95329 95329 FINAL): Imputat Number Populat Subpop.	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 11 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	.0000 .0000 .0000 .15 .13.33
LNNFLMEDIAN 1 2 . mi estimate: Multiple-imputa Survey: Proport	Proportion .4922736 .5077264 svy, subpopation estimation estimat	Std .020 .020 .(MEN_I	Average Largest Complet DF: . err. 05329 05329 FINAL): Imputat Number Populat Subpop. Subpop.	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	No conf	0. 0. 11 17 17 17 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	.0000 .0000 .0000 .15 .13.33
LNNFLMEDIAN 1 2 . mi estimate: Multiple-imputa Survey: Proport	Proportion .4922736 .5077264 svy, subpopation estimation estimat	Std .020 .020 .(MEN_I	Average Largest Complet DF: . err. 95329 95329 FINAL): Imputat Number Populat Subpop. Subpop. Average	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 11 17 17 17 17 212,496 0.	.0000 .0000 .0000 .15 .13.33
LNNFLMEDIAN 1 2 . mi estimate: Multiple-imputa Survey: Proport	Proportion .4922736 .5077264 svy, subpopation estimation estimat	Std .020 .020 .(MEN_I	Average Largest Complet DF: . err. 95329 95329 FINAL): Imputat Number Populat Subpop. Subpop. Average Largest	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 11 17 17 17 17 212,496 0.	.0000 .0000 .0000 .15 .13.33
LNNFLMEDIAN 1 2 . mi estimate: Multiple-imputa Survey: Proport	Proportion .4922736 .5077264 svy, subpopation estimation estimatta = =	Std .020 .020 (MEN_I	Average Largest Complet DF: . err. 95329 95329 FINAL): Imputat Number Populat Subpop. Subpop. Average Largest Complet	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 11 12 17 17 18 19 19 103,426 0. 0.	55197 19725 5,085 5,041 990 9,469 1,0000 15
1	Proportion .4922736 .5077264 svy, subpopation estimation estimatta = =	Std .020 .020 (MEN_I	Average Largest Complet DF: . err. 95329 95329 FINAL): Imputat Number Populat Subpop. Subpop. Average Largest	PRVI FMI FMI FMI FMI FMI FMI FMI FMI FMI FM	= = = = = = = = = = = = = = = = = = =	0. 0. 11 12 17 17 18 19 19 103,426 0. 0.	.0000 .0000 .0000 .15 .13.33

	Proportion	Std. err.	Nor [95% conf.	mal interval]
MORTSTAT Assumed alive Assumed deceased	.9645054 .0354946	.007596 .007596	.9481369 .0191261	.9808739 .0518631

```
79 .
80 . mi estimate: svy, subpop(MEN_FINAL): mean AGE_DEATH
```

Multiple-imputation estimates Imputations Survey: Mean estimation Number of obs = 2,085 Number of strata = Population size = **212,496,041** Number of PSUs = 30 Subpop. no. obs = Subpop. size = 103,420,469 Average RVI 0.0000 Largest FMI 0.0000 Complete DF 15 DF adjustment: Small sample min 13.33 avg 13.33 Within VCE type: Linearized 13.33 max

Mean Std. err. [95% conf. interval]

AGE_DEATH 50.61829 .4790841 49.58591 51.65066

```
81 .
82 . save, replace
  file finaldata_imputed.dta saved
```

83 . 84 .

88 . 89 . capture drop WOMEN_FINAL

90 . gen WOMEN_FINAL=.
 (61,050 missing values generated)

91 . replace WOMEN_FINAL=1 if SAMPLE_FINAL==1 & SEX==2
 (6,486 real changes made)

92 . replace WOMEN_FINAL=0 if WOMEN_FINAL~=1 (54,564 real changes made)

93.

94 . save, replace file finaldata_imputed.dta saved

95 .

96 . mi estimate: svy, subpop(WOMEN_FINAL): mean AGE

AGE	45.35388	. 58	65083	44.0	9002	46.61774
	Mean	Std	. err.	[95%	conf	. interval]
Within VCE typ	oe: Lineari	zed		max	=	13.33
				avg	=	13.33
DF adjustment:	Small sam	ple	DF:	min	=	13.33
			Complet	e DF	=	15
			Largest	FMI	=	0.0000
			Average	RVI	=	0.0000
			Subpop.	size	=	109,075,572
Number of PSUs	5 =	30	Subpop.	no. ob:	s =	1,081
Number of stra	ata =	15	Populat	ion siz	e =	212,496,041
Survey: Mean 6	estimation		Number	of obs	=	2,085
Multiple-imput	ation estima	tes	Imputat	ions	=	5

97 . mi estimate: svy, subpop(WOMEN_FINAL): prop RACE_ETHN

Multiple-imputati	ion estimates	Imputations =	5
Survey: Proportion	on estimation	Number of obs =	2,085
Number of strata	= 15	Population size =	212,496,041
Number of PSUs	= 30	Subpop. no. obs =	1,081
		Subpop. size =	109,075,572
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	: 15
DF adjustment:	Small sample	DF: min =	13.33
		avg =	13.33
Within VCE type:	Linearized	max =	13.33

	Proportion	Std. err.	Nor [95% conf.	mal interval]
RACE ETHN				
_ 0	.6418549	.0357863	.5647394	.7189704
1	.1284132	.0184901	.0885691	.1682574
2	.1488658	.0246056	.0958433	.2018883
3	.0808661	.0101791	.0589312	.102801

98 . mi estimate: svy, subpop(WOMEN_FINAL): prop MARRIED_LIVP

Multiple-imputation estimates Survey: Proportion estimation	<pre>Imputations = Number of obs =</pre>	5 2,085
Number of strata = 15	Population size =	212,496,041
Number of PSUs = 30	Subpop. no. obs =	1,081
	Subpop. size =	109,075,572
	Average RVI =	0.0000
	Largest FMI =	0.0000
	Complete DF =	15
DF adjustment: Small sample	DF: min =	13.33
	avg =	13.33
Within VCE type: Linearized	max =	13.33

		Proportion	Std.	err.	[95%	Nor conf.	mal interval]
MARRIED_L	IVP 1 2	.6225194 .3774806		34559 34559	.5827		.6622899 .4172511
99 . mi esti	mate:	svy, subpop((WOMEN	N_FINAL):	mean H	HOUSEH	OLDSIZE
Multiple- Survey: M		ation estimat stimation	es	Imputati Number o		= =	5 2,085
Number of Number of		ta = =	15 30	Populati Subpop. Subpop. Average Largest Complete	no. obs size RVI FMI	5 =	12,496,041 1,081 09,075,572 0.0000 0.0000
DF adjust Within VC		Small samp		DF:	min avg max	= = =	13.33 13.33 13.33
		Mean	Sto	d. err.	[95%	6 conf	. interval
HOUSEHOLD	SIZE	3.165648	.05	89811	3.6	3855	3.29274
00 . mi esti	mate:	svy, subpop((WOMEN	N_FINAL):	prop F	PIR	
		ation estimat tion estimati		Imputati Number o		= =	5 2,085
Number of Number of			15 30	Populati Subpop. Subpop. Average Largest	no. obs size RVI FMI	5 = = 1 = =	12,496,041 1,081 09,075,572 0.0834 0.1240
DF adjust Within VC					min avg max	= = =	15 11.68 12.68 13.30
						Nor	
		Proportion	Std.	err.	[95%	conf.	interval]
	PIR	4004000	000	NEEOC	4 40	-025	2460042

.1981989

.1980047

.6037965

.0225506

.0132535

.0319971

.1495935

.1690395

.5346984

.2468043

.2269698

.6728946

1 2

3

101 . mi estimate: svy, subpop(WOMEN_FINAL): prop EDUCATION

Multiple-imputation estimates Imputations Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 15 Number of PSUs 30 Subpop. no. obs = 1,081 Subpop. size = **109,075,572** Average RVI 0.0018 Largest FMI 0.0164 Complete DF 15 = DF adjustment: Small sample DF: min = 13.29 avg 13.31 Within VCE type: Linearized 13.33 max =

	Proportion	Std. err.		mal interval]
EDUCATION				
1	.0342139	.005035	.0233641	.0450637
2	.1111264	.0123058	.0846025	.1376503
3	.185977	.0189183	.1452055	.2267486
4	.362139	.0170531	.3253795	.3988986
5	.3065436	.0238613	. 255121	.3579662

102 . mi estimate: svy, subpop(WOMEN_FINAL): prop SMOKE

Multiple-imputation estimates Imputations 5 Survey: Proportion estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 Number of PSUs = Subpop. no. obs = 1,081 Subpop. size = 109,075,572 Average RVI 0.0000 = = Largest FMI 0.0000 Complete DF 15 DF adjustment: Small sample 13.33 DF: min = avg 13.33 = Within VCE type: Linearized max 13.33

	Proportion	Std. err.	Norn [95% conf.	
SMOKE				
1	.6269555	.0238065	.575655	.678256
2	.1664549	.0137596	.1368046	.1961053
3	.2065895	.0249358	.1528555	.2603235

103 . mi estimate: svy, subpop(WOMEN_FINAL): prop ALCOHOL

Multiple-imputation estimates Survey: Proportion estimation			Imputations Number of o	= bs =	5 2,085
Number of strata	=	15	Population	size =	212,496,041
Number of PSUs	=	30	Subpop. no.	obs =	1,081
			Subpop. size	e =	109,075,572
			Average RVI	=	0.0135
			Largest FMI	=	0.0275
			Complete DF	=	15
DF adjustment:	Small:	sample	DF: min	=	13.15
_			avg	=	13.15
Within VCE type:	Line	arized	max	=	13.15

	Durantia o			ormal
	Proportion S	Std. err.	[95% con	f. interval]
ALCOHOL				
1		0323636	.6285294	
2	.3016333 .	0323636	.2317959	.3714706
04 . mi estimate:	svy, subpop(WC	OMEN_FINAL):	prop DRUG	_USER_EVER
Multiple-imput	ation estimates	: Imputatio	ons =	5
	tion estimation			2,085
Number of stra	ita = 15	S Population	on size =	212,496,041
Number of PSUs	= 30	•	no. obs =	1,081
		Subpop. s	size =	109,075,572
		Average F		0.0000
		Largest F	FMI =	0.0000
		Complete	DF =	15
DF adjustment:	Small sample	e DF: r	min =	13.33
		ā	avg =	13.33
Within VCE typ	e: Linearize d	i r	max =	13.33
				Normal
	Proportion	Std. err.	[95% c	onf. interval
DRUG USER EVER				
0	.6120481	.0216429	.565	41 .658686
1	.3879519	.0216429	.34131	38 .4345
05 . mi estimate:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_ ,		
Multiple-imput	ation estimates	- ´ : Imputatio	ons =	5
	ation estimates	_ ,	ons =	
Multiple-imput	ation estimates	Imputation	ons =	5
Multiple-imput Survey: Mean e	ration estimates stimation	Imputation Number of	ons = f obs =	5 2,085
Multiple-imput Survey: Mean e Number of stra	ration estimates stimation	Imputation Number of	ons = f obs = on size = no. obs =	5 2,085 212,496,041
Multiple-imput Survey: Mean e Number of stra	ration estimates stimation	Imputation Number of Population Subpop. 1	ons = f obs = on size = no. obs = size =	5 2,085 212,496,041 1,081
Multiple-imput Survey: Mean e Number of stra	ration estimates stimation	S Imputation Number of Population Subpop. 1 Subpop. 2	ons = f obs = on size = no. obs = size = RVI =	5 2,085 212,496,041 1,081 109,075,572
Multiple-imput Survey: Mean e Number of stra	ration estimates stimation	Imputation Number of Population Subpop. In Subpop. In Average F	ons = f obs = on size = no. obs = size = RVI = FMI =	5 2,085 212,496,041 1,081 109,075,572 0.3048
Multiple-imput Survey: Mean e Number of stra	ration estimates estimation ata = 15 ata = 30	Imputation Number of Subpop. If Subpop. If Average F Largest F Complete	ons = f obs = on size = no. obs = size = RVI = FMI =	5 2,085 212,496,041 1,081 109,075,572 0.3048 0.2819 15 8.97
Multiple-imput Survey: Mean e Number of stra Number of PSUs	sation estimates estimation ata = 15 = 30 Small sample	Imputation Number of Subpop. In Subpop. In Subpop. In Average In Largest In Complete DF:	ons = f obs = on size = no. obs = size = RVI = FMI = DF =	5 2,085 212,496,041 1,081 109,075,572 0.3048 0.2819 15 8.97 8.97
Multiple-imput Survey: Mean e Number of stra Number of PSUs	sation estimates estimation ata = 15 = 30 Small sample	Imputation Number of Subpop. In Subpop. In Subpop. In Average In Largest In Complete DF:	ons = f obs = on size = no. obs = size = RVI = TMI = DF = min =	5 2,085 212,496,041 1,081 109,075,572 0.3048 0.2819 15 8.97

DR12TKCAL

1824.703

Multiple-imputation estimates

Survey: Mean estimation

25.87632

Imputations

Number of obs =

106 . mi estimate: svy, subpop(WOMEN_FINAL): mean DASH_TOTAL_SCORE

1766.135

1883.27

2,085

Number of strata	= 15	Population si	.ze =	212,496,041	
Number of PSUs	= 30	Subpop. no. c	bs =	1,081	
		Subpop. size	=	109,075,572	
		Average RVI	=	0.2986	
		Largest FMI	=	0.2776	
		Complete DF	=	15	
DF adjustment:	Small sample	DF: min	=	9.04	
		avg	=	9.04	
Within VCE type:	Linearized	max	=	9.04	
	Mean	Std. err.	[95%	conf. interval	_ []
DASH_TOTAL_SCORE	2.247332	.0619924	2.10	7193 2.38747	72

107 . mi estimate: svy, subpop(WOMEN_FINAL): mean PHYSICAL_days_average

Multiple-imputation estimates Imputations Survey: Mean estimation Number of obs = 2,085 Number of strata = Population size = 212,496,041 Number of PSUs 30 Subpop. no. obs = 1,081 Subpop. size = 109,075,572 Average RVI 0.0000 Largest FMI 0.0000 Complete DF 15 DF adjustment: Small sample 13.33 DF: min avg 13.33 Within VCE type: Linearized max 13.33

	Mean	Std. err.	[95% conf.	interval]
PHYSICAL_days_average	1496.563	230.6017	999.6412	1993.484

108 . mi estimate: svy, subpop(WOMEN_FINAL): prop SELF_RATED_HEALTH

Imputations Multiple-imputation estimates Survey: Proportion estimation Number of obs = 2,085 Number of strata = 15 Population size = 212,496,041 Number of PSUs 30 Subpop. no. obs = 1,081 Subpop. size = 109,075,572 Average RVI 0.0195 Largest FMI 0.0340 Complete DF 15 DF adjustment: Small sample DF: min 13.06 13.06 avg Within VCE type: Linearized max 13.06

	Proportion	Std. err.		mal interval]
SELF_RATED_HEALTH 1 2	.8041791	.0181782	.7649265	.8434317
	.1958209	.0181782	.1565683	.2350735

109 . mi estimate: svy, subpop(WOMEN_FINAL): prop CVD_CANCER_HISTORY

Multiple-imputation estimates Imputations 5 Survey: Proportion estimation Number of obs 2,085 Population size = 212,496,041 Number of strata = 15 Number of PSUs 30 Subpop. no. obs = 1,081 Subpop. size = 109,075,572 Average RVI 0.0000 Largest FMI 0.0000 Complete DF 15 = DF adjustment: Small sample DF: min = 13.33 avg = 13.33 Within VCE type: Linearized 13.33

	Proportion	Std. err.	Normal [95% conf. interval]
CVD_CANCER_HISTORY 0 1	.8638609	.0102658	.8417393 .8859825
	.1361391	.0102658	.1140175 .1582607

max

max

=

110 .

111 . foreach x of varlist BMI SBP DBP TOTALCHOLESTEROLSI HBA1C LnACR VitaminD_serum folate_RBCSI vitaminb12_serumsi LNNFL mi estimate: svy, subpop(WOMEN_FINAL): mean `x' 2.

5

13.29

3. }

Within VCE type:

Multiple-imputation estimates **Imputations** Survey: Mean estimation Number of obs 2,085 Number of strata = 15 Population size = 212,496,041 Number of PSUs Subpop. no. obs = 1,081 Subpop. size 109,075,572 Average RVI 0.0029 = Largest FMI = 0.0160 Complete DF 15 DF adjustment: Small sample 13.29 DF: min = 13.29 avg =

Mean Std. err. [95% conf. interval] BMI 29.98225 .2621769 29.41712 30.54738

Linearized

Multiple-imputation estimates **Imputations** 5 Survey: Mean estimation Number of obs 2,085 Number of strata = 15 Population size = 212,496,041 Number of PSUs Subpop. no. obs = 1,081 Subpop. size 109,075,572 Average RVI 0.0516 Largest FMI 0.0675 Complete DF 15 12.58 DF adjustment: Small sample DF: min = avg 12.58 Within VCE type: Linearized 12.58 max

	Mean	Std. err.	[95% conf.	interval]
SBP	118.3109	.6431757	116.9167	119.7051

Multiple-impu	tation	estimates	Imputat	ions	=		5
Survey: Mean	estima	tion	Number	of obs	=	2	,085
Number of str	ata =	15		ion size		212,496	,041
Number of PSU:	s =	30	Subpop.	no. obs	5 =	1,	,081
			Subpop.	size	=	109,075	,572
			Average		=		2587
			Largest		=		2489
			Complet	DF	=	• • • • • • • • • • • • • • • • • • • •	15
DF adjustment	. Cm	all sample	DF:	min	_		9.53
Dr aujustillerit	. 31116	arr sambre	Dr.				9.53
				avg	=		
Within VCE ty	pe: I	Linearized		max	=		9.53
		Mean St	d. err.	Γ95%	conf	. interv	 val]
	60			-			
DBP	68	.20437 .	440863	67.21	L541	69.19	9333
							_
Multiple-impu			Imputat		=		5
Survey: Mean	estima	tion	Number	of obs	=	2	,085
Number of str	ata =	15	Populat	ion size	<u> </u>	212,496	,041
Number of PSU:		30		no. obs			,081
				size		109,075	
			Average		=		9000
			Largest		=	0.0	0000 15
			Complet		=		15
DF adjustment	: Sma	all sample	DF:	min	=		3.33
				avg	=	13	3.33
Within VCE ty	pe: I	Linearized		max	=	13	3.33
		Т					
		Mea	n Std.	err.	[95	% conf.	interval]
TOTALCHOLESTEE	ROLSI	Mea 4.94716				% conf.	interval]
		4.94716	9 .0459	9914	4.8		5.046276
Multiple-impu	tation	4.94716 estimates	9 .0459	9914			
	tation	4.94716 estimates	9 .0459	9914	4.8	48063	5.046276
Multiple-impu	tation	4.94716 estimates	9 .0459	9914	4.8	48063	5.046276
Multiple-impu	tation estima	4.94716 estimates	9 .0459 Imputat Number	9914	4.8	48063	5.046276 5 ,085
Multiple-impu Survey: Mean	tation estimat ata =	4.94716 estimates tion	Imputat Number	ions of obs	4.8 = = =	212,496	5.046276 5 ,085
Multiple-impur Survey: Mean of Number of stra	tation estimat ata =	4.94716 estimates tion	Imputat Number Populat Subpop	rions of obs	4.8	2,212,496 1	5.046276 5 ,085 ,041 ,081
Multiple-impur Survey: Mean of Number of stra	tation estimat ata =	4.94716 estimates tion	Imputat Number Populat Subpop Subpop	eions of obs eion size no. obs	4.8	2 212,496 1 109,075	5.046276 5,085 ,041 ,081 ,572
Multiple-impur Survey: Mean of Number of stra	tation estimat ata =	4.94716 estimates tion	Imputat Number Populat Subpop Subpop Average	cions of obs cion size no. obs size	4.8	2 212,496 1 109,075 0.0	5.046276 5,085 ,081 ,572
Multiple-impur Survey: Mean of	tation estimat ata =	4.94716 estimates tion	Imputat Number Populat Subpop Subpop Average Largest	cions of obs cion size no. obs size RVI FMI	4.8	2 212,496 1 109,075 0.0	5.046276 5,085 ,081 ,572 ,007 20135
Multiple-impur Survey: Mean of Number of stra Number of PSU	tation estima ata = s =	4.94716 estimates tion 15 30	Imputat Number Populat Subpop Subpop Average Largest Complet	cions of obs cion size no. obs size RVI FMI	4.8	2 212,496 1 109,075 0.6	5.046276 5,085 ,081 ,081 ,572 0007 0135 15
Multiple-impur Survey: Mean of Number of stra	tation estima ata = s =	4.94716 estimates tion	Imputat Number Populat Subpop Subpop Average Largest	cions of obs cion size no. obs size RVI FMI ce DF min	4.8	2 212,496 1 109,075 0.0	5.046276 5,085 ,081 ,081 ,572 0007 0135 15 3.32
Multiple-impur Survey: Mean of Number of stra Number of PSU	tation estimat ata = s =	estimates tion 15 30 all sample	Imputat Number Populat Subpop Subpop Average Largest Complet	cions of obs cion size no. obs size RVI FMI ce DF min avg	4.8	2 212,496 1 109,075 0.0	5.046276 5,085 ,081 ,572 ,0007 ,0135 15 3.32 3.32
Multiple-impur Survey: Mean of Number of stra Number of PSU	tation estimat ata = s =	4.94716 estimates tion 15 30	Imputat Number Populat Subpop Subpop Average Largest Complet	cions of obs cion size no. obs size RVI FMI ce DF min	4.8	2 212,496 1 109,075 0.0	5.046276 5,085 ,081 ,081 ,572 0007 0135 15 3.32
Multiple-impur Survey: Mean of Number of stra Number of PSU	tation estimat ata = s =	estimates tion 15 30 all sample	Imputat Number Populat Subpop Subpop Average Largest Complet	eions of obs eion size no. obs size RVI FMI ee DF min avg max	4.8	212,496 1 109,075 0.0	5.046276 5,085 ,081 ,572 9007 9135 15 3.32 3.32 3.32
Multiple-impur Survey: Mean of Number of stra Number of PSU: DF adjustment Within VCE ty	tation estimata ata = s = : Sm ape:	estimates tion 15 30 all sample Linearized Mean St	Imputat Number Populat Subpop Subpop Average Largest Complet DF:	eions of obs eion size e RVI: FMI ee DF min avg max	4.88 = = = = = = = = = = = = = = = = = =	2 212,496 1 109,075 0.6 1: 1:	5.046276 5,085 ,041 ,081 ,572 ,0007 ,0135 ,15 3.32 3.32 3.32
Multiple-impur Survey: Mean of Number of stra Number of PSU	tation estimata ata = s = : Sm ape:	estimates tion 15 30 all sample Linearized Mean St	Imputat Number Populat Subpop Subpop Average Largest Complet	eions of obs eion size no. obs size RVI FMI ee DF min avg max	4.88 = = = = = = = = = = = = = = = = = =	212,496 1 109,075 0.0	5.046276 5,085 ,041 ,081 ,572 ,0007 ,0135 ,15 3.32 3.32 3.32
Multiple-impur Survey: Mean of Number of stra Number of PSU: DF adjustment Within VCE type HBA1C	tation estimat ata = s = : Sma	estimates tion 15 30 all sample Linearized Mean St	Imputat Number Populat Subpop. Subpop. Average Largest Complet DF:	cions of obs cion size en RVI ce DF min avg max	4.8 = = = = = = = = = = = = = = = = = = =	2 212,496 1 109,075 0.6 1: 1:	5.046276 5,085 ,041 ,081 ,572 ,0007 ,0135 ,15 3.32 3.32 3.32 ,val]
Multiple-impur Survey: Mean of Number of stra Number of PSU: DF adjustment Within VCE type HBA1C Multiple-impur	tation estimata ata = s = : Sma	estimates tion 15 30 all sample Linearized Mean St 576492 .6	Imputat Number Populat Subpop Subpop Average Largest Complet DF:	cions of obs cion size no. obs size RVI FMI ce DF min avg max [95% 5.508	4.88 = = = = = = = = = = = = = = = = = =	212,496 1 109,075 0.0 1: 1: 1: 1:	5.046276 5,085 ,041 ,081 ,572 ,0007 ,0135 ,15 3.32 3.32 ,332 ,731 ,74833
Multiple-impur Survey: Mean of Number of stra Number of PSU: DF adjustment Within VCE ty	tation estimata ata = s = : Sma	estimates tion 15 30 all sample Linearized Mean St 576492 .6	Imputat Number Populat Subpop. Subpop. Average Largest Complet DF:	cions of obs cion size no. obs size RVI FMI ce DF min avg max [95% 5.508	4.8 = = = = = = = = = = = = = = = = = = =	212,496 1 109,075 0.0 1: 1: 1: 1:	5.046276 5,085 ,041 ,081 ,572 ,0007 ,0135 ,15 3.32 3.32 3.32 ,val]

Number of strat Number of PSUs	ta = 15 = 30	Average RVI Largest FMI	
DF adjustment:	Small sample	DF: min	= 13.17
Within VCE type	e: Linearized	* . 0	= 13.17 = 13.17
	Mean Std	l. err. [95% c	onf. interval]
LnACR	2.315136 .03	889561 2.2310	86 2.399186
Multiple-imputa Survey: Mean es			= 5 = 2,085
Number of strat Number of PSUs	= 15 = 30	F - F	= 1,081 = 109,075,572
		Largest FMI	= 0.0000 = 0.0000 = 15
DF adjustment:	Small sample	avg	= 13.33 = 13.33
Within VCE type	e: Linearized	max	= 13.33
	Mean S	itd. err. [95%	conf. interval]
VitaminD_serum	67.1732 1	770268 63.3	5847 70.98794
Multiple-imputa Survey: Mean es			= 5 = 2,085
Number of strat Number of PSUs	a = 15 = 30	Average RVI	= 1,081 = 109,075,572 = 0.0052
DF adjustment:	Small sample	Complete DF	= 0.0184 = 15 = 13.26 = 13.26
Within VCE type	e: Linearized		= 13.26
	Mean Std	l. err. [95% c	onf. interval]
folate_RBCSI	1270.971 31.	61617 1202.8	06 1339.136
Multiple-imputa Survey: Mean es		·	= 5 = 2,085
Number of strat Number of PSUs	ta = 15 = 30	Average RVI Largest FMI	= 1,081 = 109,075,572 = 0.0000 = 0.0128
DF adjustment:	Small sample	DF: min	= 15 = 13.33 = 13.33
Within VCE type	e: Linearized	J	= 13.33

		Mean	Std.	err.	[95%	conf.	inter
vitaminb12_se	rumsi 65	3.1211	39.82	718	567.	2976	738.
Multiple-impu Survey: Mean		ates	Imputat:		=	2	5 ,085
Number of str		15 30		ion size no. obs			,041 ,081
	_		Subpop.			09,075	
			Average	RVI	=		9000
			Largest		=	0.0	9000
DE	6		Complete		=	4.	15
DF adjustment	: Small sa	шрте	DF:	min	=		3.33 3.33
Within VCE ty	pe: Linea r	ized		avg max	=		3.33
	Mean	Std	. err.	[95%	conf.	interv	 /al]
LNNFL	2.483099	.03	74433	2.402	412	2.563	3785
Multiple-impu Survey: Propo	rtion estima	tion	Number o	of obs	= = - 2		5 ,085
Number of str Number of PSU		15 30		ion size no. obs		.12,496 1	,041 ,081
			Subpop.		= 1	.09,075	,572
			Average		=		9000
			Largest		=	0.0	9000
DF adjustment	: Small sa	mnla	Complete DF:	e DF min	=	13	15 3.33
Di adjustment	. Small 3d	шртс	ы.	avg	=		3.33
Within VCE ty	pe: Linea r	ized		max	=		3.33
	Proportion		. err.	Γ95%	Nor	mal interv	
LNNFLMEDIAN	11 0001 0101						
1 2	.5429195 .4570805		04892 04892	.4987 .4129		.5876 .5012	
	1						
4 . 5 . mi estimate Multiple-impu Survey: Propo Number of str	tation estim rtion estima ata =	ates	Imputation Number of Population Subpop. Subpop.	ions of obs ion size no. obs size	= = = 2 =	2 _. 12,496	,081
5 . mi estimate Multiple-impu Survey: Propo Number of str	tation estim rtion estima ata =	nates ntion 15	Imputat: Number of Populat: Subpop. Subpop. Average Largest	ions of obs ion size no. obs size RVI FMI	= = = 2 =	2,496, 1,09,075,	,085 ,041 ,081 ,572 0000
5 . mi estimate Multiple-impu Survey: Propo Number of str	tation estim rtion estima ata = s =	ates tion 15 30	Imputati Number of Populati Subpop. Subpop. Average	ions of obs ion size no. obs size RVI FMI	= = = 2 = = 1 =	2,496 12,496 1,09,075 0.0	,085 ,041 ,081 ,572
5 . mi estimate Multiple-impu Survey: Propo Number of str Number of PSU	tation estim rtion estima ata = s =	ates tion 15 30	Imputat: Number of Populat: Subpop. Subpop. Average Largest Complete	ions of obs ion size no. obs size RVI FMI e DF	= = 2 = = 1 = = = =	2,496 12,496 1,09,075 0.0 0.0	,085 ,041 ,081 ,572 0000 0000

		P	roportion	Std.	err.	[95% d	Normal conf. inter	rval]	
	MORTS Assumed ali Assumed deceas	ve	.9654281 .0345719		5884 5884	.95274		31076 72514	
116 117	mi estimate:	svy, s	ubpop(WOME	N_FINA!	L): mean	AGE_DE	AТН		
	Multiple-imput Survey: Mean e				ations r of obs	= =	5 2,085		
	Number of stra Number of PSUs		15 30	Subpor Subpor Averages Larges	p. no. ob p. size ge RVI st FMI	os = = 1 6 = =	12,496,041 1,081 99,075,572 0.0000 0.0000		
	DF adjustment:	Smal	l sample	Comple DF:	ete DF min	=	15 13.33		
					avg	=	13.33		
	Within VCE typ	e: Li	nearized		max	=	13.33		
			Mean Std	. err.	[95%	% conf.	interval]		
	AGE_DEATH	51.2	5872 .58	11918	50.6	90631	52.51112		
120 121 122 123		a_impute	RENCE BY S	EX****					
124		-			ar). Teg				
	Multiple-imput Survey: Linear						cions of obs	=	5 2,085
	Number of stra Number of PSUs		15 30				no. obs size RVI FMI	= = 2 = =	212,496,041 2,071 212,496,041 0.0000 0.0000
	DF adjustment:	Smal.	l sample			DF:	min avg	= = =	13.33 13.33
	Model F test: Within VCE typ		qual FMI nearized			F(1 , Prob >	,	= = =	13.33 1.29 0.2756
	AGE	Coeffi	cient Std	. err.	t	P> t	[95%	conf	. interval]
	SEX	.616		20318	1.14	0.276		3461	1.784193

125 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit RACE_ETHN SEX

	Multiple-imputation estimates Survey: Multinomial logistic regression				Imputations Number of obs	=	5 2,085
	Number of stra Number of PSU:		15 30		Population size Subpop. no. obs Subpop. size Average RVI Largest FMI Complete DF		212,496,041 2,071 212,496,041 0.0000 0.0000
	DF adjustment	: Small samp	le		DF: min avg max	= =	13.33 13.33 13.33
	Model F test: Within VCE typ	Equal F pe: Lineariz			F(3, 13.3) Prob > F	=	1.11 0.3799
	RACE_ETHN	Coefficient	Std. err.	t	P> t [95	% con	f. interval]
	0	(base outco	me)				
	1 SEX _cons	.1603645 -1.929838	.1206945 .2289803	1.33 -8.43		97191 23265	
	SEX _cons	0353825 -1.390552	.0860097 .2964058	-0.41 -4.69		20724 29274	
	SEX _cons	.1346354 -2.340838	.1325294 .3011822	1.02 -7.77		09512 89853	
126	. mi estimate	: svy, subpop(SAMPLE_FINAL	.): mlo	git MARRIED_LIVP	SEX	
	Multiple-imput Survey: Multir			1	Imputations Number of obs	=	5 2,085
	Number of stra Number of PSUs		15 30		Population size Subpop. no. obs Subpop. size Average RVI Largest FMI	= = = =	212,496,041 2,071 212,496,041 0.0000 0.0000
	DF adjustment	: Small samp	le		Complete DF DF: min avg max	= = =	15 13.33 13.33 13.33
	Model F test: Within VCE typ	Equal F pe: Lineariz			F(1, 13.3) Prob > F	=	9.83 0.0077

MARRIED_LIVP	Coefficient	Std. err.	t	P> t	[95% conf	. interval]
1	(base outco	ome)				
SEX _cons	.2387125 9776806	.0761512 .1455282	3.13 -6.72	0.008 0.000	.0746148 -1.291278	.4028101 6640832

127 . mi estimate: svy, subpop(SAMPLE_FINAL): reg HOUSEHOLDSIZE SEX

	Multiple-imputation estimates Survey: Linear regression				Imputations Number of obs			5 2,085
Number of stra Number of PSUs		15 30		Subpor Subpor	o. no	n size o. obs ize /I	=	212,496,041 2,071 212,496,041 0.0000
				Larges			=	0.0000 15
DF adjustment:	Small samp	le		DF:	m:	in /g	=	13.33 13.33
				- /	ma	эx	=	13.33
Model F test: Within VCE typ	Equal F De: Lineariz			F(1 Prob >	L, > F	13.3)	=	1.88 0.1927
HOUSEHOLDS~E	Coefficient	Std. err.	t	P> t	:	[95%	conf.	interval]
SEX _cons	0903071 3.346262	.0658277 .1488629	-1.37 22.48		_	232 3.02		.0515444 3.667045

128 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit PIR SEX

Multiple-imputation estimat	es	Imput	tatio	ons	=	5
Survey: Multinomial logisti	c regression	Numbe	er o	f obs	=	2,085
Number of strata =	15	Popu]	lati	on size	=	212,496,041
Number of PSUs =	30	Subpo	ор. і	no. obs	=	2,071
		Subpo	ор. 9	size	=	212,496,041
		Avera	age I	RVI	=	0.0936
		Large	est I	FMI	=	0.1641
		Comp1	lete	DF	=	15
DF adjustment: Small samp	ole	DF:	1	min	=	11.00
			ä	avg	=	12.31
			r	nax	=	13.16
Model F test: Equal F	MI	F(2,	12.2)	=	2.53
Within VCE type: Lineariz	zed	Prob	> F		=	0.1208

	PIR	Coefficient	Std. err.	t	P> t	[95% conf.	interval]
1							
	SEX	.2557046	.1160239	2.20	0.046	.0049336	.5064756
	_cons	-1.625367	.3033462	-5.36	0.000	-2.27992	9708136
2							
	SEX	.1010239	.1135297	0.89	0.393	1488659	.3509138
	_cons	-1.317122	.2344863	-5.62	0.000	-1.827257	8069875
3		(base outco	ome)				

129 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit EDUCATION SEX

	tation estimat nomial logisti			Imputati Number o		= =	5 2,085
Number of str Number of PSU		15 30		Populati Subpop. Subpop. Average Largest	no. obs size RVI	=	212,496,041 2,071 212,496,041 0.0021 0.0167
DF adjustment	: Small samp		Complete DF DF: min avg		= = =	15 13.29 13.31 13.33	
Model F test: Within VCE ty	Equal F pe: Lineariz			F(4 , Prob > F	,	= =	4.65 0.0145
EDUCATION	Coefficient	Std. err.	t	P> t	[95%	conf	. interval]
1 SEX _cons	5835945 -1.192205	.1576485 .312372	-3.70 -3.82		923 -1.86		2438682 5190707
SEX _cons	2219215 737524	.1418366 .2951939	-1.56 -2.50		527 -1.37		.0838302 1013516
SEX _cons	3186036 0291994	.1183479 .183523	-2.69 -0.16		573 424		0635253 .3663108
4	(base outco	me)					
SEX _cons	1680804 .1694936	.0895454 .1550434	-1.88 1.09		36 164		.0249222 .5036218

130 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit SMOKE SEX

Multiple-imputation estimates	'		=	5
Survey: Multinomial logistic reg	ression Numbe	er of obs	=	2,085
Number of strata = 15	Popul	ation size	=	212,496,041
Number of PSUs = 30	Subpo	p. no. obs	=	2,071
	Subpo	p. size	=	212,496,041
	Avera	ige RVI	=	0.0000
	Large	st FMI	=	0.0129
	Compl	ete DF	=	15
DF adjustment: Small sample	DF:	min	=	13.33
		avg	=	13.33
		max	=	13.33
Model F test: Equal FMI	F(2, 13.3)	=	41.37
Within VCE type: Linearized	Prob	> F	=	0.0000

- /1				P> t	[33/0 COIII .	interval]
(ba	se outco	me)				
X7	668556	.0867985	-8.83	0.000	9538987	5798125
.2	075603	.1733971	1.20	0.252	1660949	.5812154
X2	908608	.1069805	-2.72	0.017	5213934	0603282
rs5	284202	.1906657	-2.77	0.016	9392866	1175538
nte: svv.	subnon(SAMPLE ETNA	I): mlogi	it ALCOHO	I SFX	
	.2 EX2 ns5	.2075603 EX2908608 5284202	.2075603 .1733971 EX2908608 .1069805 5284202 .1906657	.2075603 .1733971 1.20 EX2908608 .1069805 -2.72 5284202 .1906657 -2.77	.2075603 .1733971 1.20 0.252 EX2908608 .1069805 -2.72 0.017 5284202 .1906657 -2.77 0.016	.2075603 .1733971 1.20 0.2521660949 EX2908608 .1069805 -2.72 0.0175213934

131

Multiple-imputation estimates	Imputations	=	5
Survey: Multinomial logistic regression	n Number of obs	=	2,085
Number of strata = 15	Population size	=	212,496,041
Number of PSUs = 30	Subpop. no. obs	=	2,071
	Subpop. size	=	212,496,041
	Average RVI	=	0.0077
	Largest FMI	=	0.0203
	Complete DF	=	15
DF adjustment: Small sample	DF: min	=	13.24
	avg	=	13.28
	max	=	13.32
Model F test: Equal FMI	F(1, 13.3)	=	69.75
Within VCE type: Linearized	Prob > F	=	0.0000

	ALCOHOL	Coefficient	Std. err.	t	P> t	[95% conf.	interval]
1		(base outco	ome)				
2							
	SEX	.9614994	.1151305	8.35	0.000	.7133738	1.209625
	_cons	-2.762573	.2554701	-10.81	0.000	-3.313467	-2.211678

132 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit DRUG_USER_EVER SEX

Multiple-imputation estimates	=	5	
Survey: Multinomial logistic regression	Number of obs	=	2,085
Number of strata = 15	Population size	=	212,496,041
Number of PSUs = 30	Subpop. no. obs	=	2,071
	Subpop. size	=	212,496,041
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	15
DF adjustment: Small sample	DF: min	=	13.33
	avg	=	13.33
	max	=	13.33
Model F test: Equal FMI	F(1, 13.3)	=	39.14
Within VCE type: Linearized	Prob > F	=	0.0000

	DRUG_USER_~R	Coefficient	Std. err.	t	P> t	[95%	conf	. interval
	0	(base outco	ome)					
	1							
	SEX _cons	5626849 .6694405	.0899416 .1721586	-6.26 3.89		7564 .2984		368870 1.04042
3	. mi estimate:	svy, subpop(SAMPLE_FINA	L): reg	DR12TKCAL	SEX		
	Multiple-imput	ation estimat	es		Imputation	15	=	
	Survey: Linear	regression			Number of	obs	=	2,08
	Number of stra	nta =	15		Population	n size	=	212,496,04
	Number of PSUs	5 =	30		Subpop. no	o. obs	=	2,07
					Subpop. s:		=	212,496,04
					Average R	/I	=	0.298
					Largest FI	ΙΝ	=	0.241
					Complete D	OF .	=	:
	DF adjustment:	Small samp	le		DF: m:	in	=	9.6
						√g	=	9.7
						ax	=	9.
	Model F test:	Equal F			F(1 ,	9.8)	=	151.9
	Within VCE typ	oe: Lineariz	.eu		Prob > F		=	0.000
	DR12TKCAL	Coefficient	Std. err.	t	P> t	[95%	conf	. interval
	SEX	-610.8668						
	_cons	3046.436	49.55968 86.35652	-12.33 35.28		-721.0 2853		
4		3046.436	86.35652	35.28	0.000	2853	.069	
4	cons	3046.436 svy, subpop(86.35652 SAMPLE_FINA	35.28	0.000 DASH_TOTAL	2853 L_SCORE	.069	
4	_cons	3046.436 s svy, subpop(86.35652 SAMPLE_FINA	35.28	0.000	2853 L_SCORE	. 069 SEX	3239.8
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 svy, subpop(cation estimate regression	86.35652 SAMPLE_FINA	35.28	O.000 DASH_TOTAL Imputation Number of	2853 L_SCORE ns obs	SEX = =	3239.80
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 svy, subpop(cation estimate regression cation =	86.35652 SAMPLE_FINA es	35.28	O.000 DASH_TOTAL Imputation Number of Population	2853 L_SCORE ns obs n size	.069 SEX = =	3239.80 2,00 212,496,04
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 svy, subpop(cation estimate regression cation =	86.35652 SAMPLE_FINA	35.28	DASH_TOTAL Imputation Number of Population Subpop. no	2853 L_SCORE ns obs n size o. obs	.069 SEX = = =	2,00 212,496,00 2,0
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 svy, subpop(cation estimate regression cation =	86.35652 SAMPLE_FINA es	35.28	DASH_TOTAL Imputation Number of Population Subpop. no	2853 L_SCORE ns obs n size o. obs ize	.069 SEX = = =	2,00 212,496,00 2,00 212,496,00
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 svy, subpop(cation estimate regression cation =	86.35652 SAMPLE_FINA es	35.28	DASH_TOTAL Imputation Number of Population Subpop. no	2853 L_SCORE ns obs n size o. obs ize /I	.069 SEX = = = = = = = = = = = = = = = = = = =	2,00 212,496,00 212,496,00 212,496,00
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 svy, subpop(cation estimate regression cation =	86.35652 SAMPLE_FINA es	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average R\ Largest Fr Complete I	2853 L_SCORE ns obs n size o. obs ize //I MI OF	.069 SEX = = = = = = = = = = = = = = = = = = =	2,00 212,496,00 2,0 212,496,00 212,496,00
4	cons . mi estimate: Multiple-imput Survey: Linear	3046.436 s svy, subpop(sation estimate regression ata = s =	86.35652 SAMPLE_FINA es 15 30	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average R\ Largest FR	2853 L_SCORE ns obs n size o. obs ize //I MI OF	SEX = = = = = = = = = = = = = = = = = = =	2,00 212,496,00 2,0 212,496,00 212,496,00
4	cons . mi estimate: Multiple-imput Survey: Linear Number of stra Number of PSUs	3046.436 s svy, subpop(sation estimate regression ata = s =	86.35652 SAMPLE_FINA es 15 30	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average RV Largest FP Complete IDF: m:	2853 L_SCORE ns obs n size o. obs ize //I MI OF	SEX = = = = = = = = = = = = = = = = = = =	2,00 212,496,00 2,0 212,496,00 0.41 0.47
4	cons . mi estimate: Multiple-imput Survey: Linear Number of stra Number of PSUs	3046.436 s svy, subpop(cation estimate regression ata = = = = = = = = = = = = = = = = = =	SAMPLE_FINA ses 15 30	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average R\ Largest Fl Complete IDF: m: average mail	2853 L_SCORE ns obs n size obs ize /I MI OF in /g ax	SEX = = = = = = = = = = = = = = = = = = =	2,00 2,00 212,496,00 212,496,00 212,496,00 0.410 0.470 6.0 7.0 9.0
4	cons . mi estimate: Multiple-imput Survey: Linear Number of stra Number of PSUs DF adjustment: Model F test:	3046.436 s svy, subpop(cation estimate regression ata =	SAMPLE_FINA ses 15 30	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average Rt Largest Ft Complete I DF: m: av ma F(1,	2853 L_SCORE ns obs n size o. obs ize /I MI DF in /g	SEX = = = = = = = = = = = = = = = = = = =	2,00 212,496,00 212,496,00 0.41 0.47 6. 7. 9.
4	cons . mi estimate: Multiple-imput Survey: Linear Number of stra Number of PSUs	3046.436 s svy, subpop(cation estimate regression ata =	SAMPLE_FINA ses 15 30	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average R\ Largest Fl Complete IDF: m: average mail	2853 L_SCORE ns obs n size obs ize /I MI OF in /g ax	SEX = = = = = = = = = = = = = = = = = = =	2,00 212,496,04 2,00 212,496,04 0.410 0.470 6.0 7.5
4	cons . mi estimate: Multiple-imput Survey: Linear Number of stra Number of PSUs DF adjustment: Model F test:	3046.436 s svy, subpop(cation estimate regression ata =	SAMPLE_FINA es 15 30 ole	35.28	DASH_TOTAL Imputation Number of Population Subpop. no Subpop. s: Average Rt Largest Ft Complete I DF: m: av ma F(1,	2853 L_SCORE ns obs n size o. obs ize /I MI OF in /g ax 6.1)	= = = = = = = = = = = = = = = = = = =	2,00 212,496,00 212,496,00 0.41 0.47 6. 7. 9.
4	cons . mi estimate: Multiple-imput Survey: Linear Number of stra Number of PSUs DF adjustment: Model F test: Within VCE typ	3046.436 s svy, subpop(cation estimate regression ata =	SAMPLE_FINA es 15 30 ole	35.28 L): reg	DASH_TOTAL Imputation Number of Population Subpop. ns Subpop. s: Average RY Largest FY Complete IDF: ms av ms F(1, Prob > F	2853 L_SCORE ns obs n size o. obs ize /I MI OF in /g ax 6.1)	SEX = = = = = = = = = = = = = = = = = = =	3239.8 2,0 212,496,0 2,0 212,496,0 0.41 0.47 6. 7. 9. 12. 0.01

135 . mi estimate: svy, subpop(SAMPLE_FINAL): reg PHYSICAL_days_average SEX

Multiple-imputation estimat Survey: Linear regression	ces	Imputations Number of obs			=	5 2,085	
Number of strata = Number of PSUs =	15 30		Subpop. Subpop.	ion size no. obs size RVI	=	212,496,041 2,071 212,496,041 0.0000	
	_		Largest Complete	FMI DF	= =	0.0000 15	
DF adjustment: Small samp	ole		DF:	min avg max	= =	13.33 13.33 13.33	
Model F test: Equal F Within VCE type: Lineariz			F(1 , Prob > 1	13.3)		11.37 0.0049	
PHYSICAL_d~e Coefficient	Std. err.	t	P> t	[95%	conf	. interval]	
SEX -1155.613 _cons 3807.789	342.7703 608.3349	-3.37 6.26		-1894 2496	.246 .893	-416.9802 5118.684	

136 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit SELF_RATED_HEALTH SEX

Multiple-imput Survey: Multin				Imputati Number o	ons f obs	=	5 2,085
Number of stra Number of PSUs		15 30		Subpop. Average	on size no. obs size RVI FMI	= = 2 =	212,496,041 2,071 212,496,041 0.0260 0.0463
DF adjustment	: Small samp	le		Complete DF:	DF min avg max		15 12.89 12.99
Model F test: Within VCE typ	•			F(1 , Prob > F	12.9)	= =	3.74 0.0752
SELF_RATED~H	Coefficient	Std. err.	t	P> t	[95%	conf.	interval]
1	(base outco	me)					
SEX _cons	.1772911 -1.767256	.0916188 .2200732	1.94 -8.03		020 -2.24		.3753889

137 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit CVD_CANCER_HISTORY SEX

Model F test:

Within VCE type:

Equal FMI

Linearized

```
Number of strata =
                               15
                                                   Population size
                                                                    = 212,496,041
    Number of PSUs
                                                   Subpop. no. obs
                                                                              2,071
                               30
                                                   Subpop. size
                                                                        212,496,041
                                                   Average RVI
                                                                             0.0000
                                                   Largest FMI
                                                                     =
                                                                             0.0000
                                                   Complete DF
                                                                                 15
                                                                              13.33
    DF adjustment:
                     Small sample
                                                   DF:
                                                           min
                                                                              13.33
                                                           avg
                                                                     =
                                                                              13.33
                                                           max
    Model F test:
                        Equal FMI
                                                   F( 1,
                                                             13.3)
                                                                               1.00
    Within VCE type:
                       Linearized
                                                   Prob > F
                                                                             0.3356
    CVD_CANCER~Y
                   Coefficient Std. err.
                                                     P>|t|
                                                               [95% conf. interval]
                                               t
    0
                    (base outcome)
    1
             SEX
                    -.1568716
                                .1570336
                                             -1.00
                                                     0.336
                                                              -.4952619
                                                                           .1815187
           _cons
                    -1.533991
                                .2644711
                                             -5.80
                                                     0.000
                                                              -2.103898
                                                                          -.9640845
138 .
139 . foreach x of varlist BMI SBP DBP TOTALCHOLESTEROLSI HBA1C LnACR VitaminD_serum folate_RBCSI vitaminb12_serumsi LNNFL
      2.
                 mi estimate: svy, subpop(SAMPLE_FINAL): reg `x' SEX
      3. }
    Multiple-imputation estimates
                                                   Imputations
                                                                                  5
                                                   Number of obs
    Survey: Linear regression
                                                                              2,085
    Number of strata =
                                                                     = 212,496,041
                               15
                                                   Population size
    Number of PSUs
                               30
                                                   Subpop. no. obs
                                                                              2,071
                                                   Subpop. size
                                                                        212,496,041
                                                   Average RVI
                                                                             0.0036
                                                   Largest FMI
                                                                             0.0197
                                                   Complete DF
                                                                                 15
                                                                     =
                                                                              13.25
    DF adjustment:
                     Small sample
                                                   DF:
                                                           min
                                                           avg
                                                                              13.26
                                                                              13.28
                                                           max
                                                                     =
    Model F test:
                        Equal FMI
                                                   F( 1,
                                                             13.2)
                                                                              14.95
    Within VCE type:
                       Linearized
                                                   Prob > F
                                                                             0.0019
             BMI
                   Coefficient Std. err.
                                                     P>|t|
                                                               [95% conf. interval]
             SEX
                     1.270458
                                .3285574
                                             3.87
                                                     0.002
                                                               .5619971
                                                                           1.978918
           cons
                     27.44134
                                .6043169
                                            45.41
                                                     0.000
                                                               26.13856
                                                                           28.74412
    Multiple-imputation estimates
                                                   Imputations
                                                                                  5
    Survey: Linear regression
                                                   Number of obs
                                                                              2,085
    Number of strata =
                                                   Population size
                                                                     = 212,496,041
                               15
    Number of PSUs
                               30
                                                   Subpop. no. obs
                                                                              2,071
                                                   Subpop. size
                                                                        212,496,041
                                                   Average RVI
                                                                             0.0481
                                                                             0.0969
                                                   Largest FMI
                                                   Complete DF
                                                                                 15
                                                                     =
    DF adjustment:
                     Small sample
                                                          min
                                                                              12.12
                                                                              12.28
                                                           avg
                                                                              12.43
                                                           max
                                                                     =
```

F(1, 12.1)

Prob > F

=

13.09

0.0035

SBP								
	SBP	Coefficient	Std. err.	t	P> t	[95%	conf	. interval]
Number of obs = 2,085								
Number of strata = 15			es				=	_
Number of PSUs = 30	Survey: Linear	r regression			Number of	obs	=	2,085
Number of PSUs = 30	Number of stra	ata =	15		Population	size	= :	212,496,041
Average RVI	Number of PSU:	s =	30					
Largest FMI							= :	212,496,041
Complete DF								
DF adjustment: Small sample					Largest FM	I		
Average RVI	DE adductment	. Cmall camp	10					_
Model F test: Equal FMI	Dr adjustment	: Small Samp	оте					
Model F test: Equal FMI F(1, 11.6) = 15.51 Within VCE type: Linearized Prob > F = 0.0021						_		
DBP Coefficient Std. err. t P> t [95% conf. interval]	Model F test:	Equal F	MI				=	
SEX	Within VCE typ	pe: Lineariz	ed			•	=	0.0021
SEX								
	DBP	Coefficient	Std. err.	t	P> t	[95%	conf	. interval]
	SEX	-2.200573	. 558825	-3.94	0.002	-3.42	2612	978534
Survey: Linear regression Number of obs = 2,085 Number of strata = 15 Population size = 212,496,041 Number of PSUs = 30 Subpop. no. obs = 2,071 Subpop. size = 212,496,041 Average RVI = 0.0000 Largest FMI = 0.0000 Complete DF = 15 DF adjustment: Small sample DF: min = 13.33 Model F test: Equal FMI F(1, 13.3) = 5.96 Within VCE type: Linearized Prob > F = 0.0293 TOTALCHOLE~I Coefficient Std. err. t P> t [95% conf. interval] SEX .1123722 .0460363 2.44 0.029 .013169 .2115754 _cons 4.722425 .0725791 65.07 0.000 4.566025 4.878825 Multiple-imputation estimates Imputations = 5 5 Survey: Linear regression Number of obs <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
cons	DF adjustment Model F test: Within VCE typ	: Small samp Equal F pe: Lineariz	30 ble MI ced	t	Subpop. no Subpop. si Average RV Largest FM Complete D DF: mi av ma F(1, Prob > F	. obs ze I I F n g x 13.3)	= :	2,071 212,496,041 0.0000 0.0000 15 13.33 13.33 5.96 0.0293
cons	-							
Survey: Linear regression Number of obs = 2,085 Number of strata = 15 Population size = 212,496,041 Number of PSUs = 30 Subpop. no. obs = 2,071 Subpop. size = 212,496,041 Average RVI = 0.0003 Largest FMI = 0.0131 Complete DF = 15 DF adjustment: Small sample DF: min = 13.33 avg = 13.33 max = 13.33 Model F test: Equal FMI F(1, 13.3) = 1.39								
Number of PSUs = 30 Subpop. no. obs Subpop. size = 212,496,041 Average RVI = 0.0003 Largest FMI = 0.0131 Complete DF = 15 DF adjustment: Small sample DF: min = 13.33 avg = 13.33 max = 13.33 Model F test: Equal FMI F(1, 13.3) = 1.39			es					
DF adjustment: Small sample DF: min = 13.33 avg = 13.33 max = 13.33 Model F test: Equal FMI $F(1, 13.3) = 1.39$					Subpop. no Subpop. si Average RV Largest FM	. obs ze I I	= ;	2,071 212,496,041 0.0003 0.0131
		·			DF: mi av ma	n g x	= = =	13.33 13.33 13.33
		-			•			

HBA1C Coefficient Std. err. t P> t [95% conf.	interval]
SEX0527281 .0446571 -1.18 0.2581489626 _cons 5.681948 .0721293 78.77 0.000 5.526515	.0435065 5.837381
Multiple-imputation estimates Imputations = Survey: Linear regression Number of obs =	5 2,085
Number of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI = Largest FMI =	12,496,041 2,071 12,496,041 0.0206 0.0474
Complete DF = DF adjustment: Small sample DF: min = avg = max = Model F test: Equal FMI F(1, 12.9) =	15 12.88 12.89 12.91 78.63
Within VCE type: Linearized Prob > F =	0.0000
LnACR Coefficient Std. err. t P> t [95% conf.	interval]
SEX .3552201 .0400604 8.87 0.000 .2686106 _cons 1.604696 .0615015 26.09 0.000 1.4717	.4418296 1.737691
Number of PSUs = 30 Subpop. no. obs =	5 2,085 12,496,041 2,071 12,496,041
Average RVI = Largest FMI = Complete DF = DF adjustment: Small sample DF: min = avg = max = Model F test: Equal FMI F(1, 13.3) = Within VCE type: Linearized Prob > F =	0.0000 0.0000 15 13.33 13.33 12.94 0.0031
/itaminD_s~m	intonvall
SEX 5.970813 1.659993 3.60 0.003 2.393709 _cons 55.23158 2.354499 23.46 0.000 50.15789	9.547917 60.30527
Multiple-imputation estimates Imputations = Survey: Linear regression Number of obs =	5 2,085
Number of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI =	12,496,041 2,071 12,496,041 0.0045
Largest FMI = Complete DF =	0.0201 15

RBCSI Coefficient Std. err. t P> t [95% conf.	interval
SEX 56.02783 21.65242 2.59 0.022 9.337419 cons 1158.916 34.21687 33.87 0.000 1085.159	102.718 1232.67
e-imputation estimates Imputations = Linear regression Number of obs =	2,08
Lilieal Teglession Number of Obs -	2,00.
·	.2,496,04
of PSUs = 30 Subpop. no. obs =	2,07
· •	.2,496,04
Average RVI =	0.000
Largest FMI =	0.013
Complete DF =	12 21
stment: Small sample DF: min = avg =	13.33 13.33
avg = max =	13.3
test: Equal FMI $F(1, 13.3) =$	7.5
VCE type: Linearized Prob > F =	0.016
b12~i Coefficient Std. err. t P> t [95% conf.	interval
SEX 105.0886 38.33569 2.74 0.017 22.47816	187.699
_cons 442.9438 41.62289 10.64 0.000 353.2479	532.639
e-imputation estimates	!
Linear regression Number of obs =	2,08
•	2,496,04
of PSUs = 30 Subpop. no. obs =	2,07
of PSUs = 30 Subpop. no. obs = Subpop. size = 21	2,07: 2,496,04:
of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI =	2,07: 2,496,04: 0.000
of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI = Largest FMI =	2,07: 2,496,04: 0.000 0.000
of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI = Largest FMI = Complete DF =	2,07: 2,496,04: 0.000 0.000
of PSUs = 30	2,073 2,496,04 0.000 0.000 1 13.3
of PSUs = 30	2,073 2,496,043 0.0000 0.0000 13.33 13.33
of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI = Largest FMI = Complete DF = Stment: Small sample DF: min = avg = max =	2,07: 2,496,04: 0.0000 0.0000 1: 13.3: 13.3:
of PSUs = 30 Subpop. no. obs = Subpop. size = 21 Average RVI = Largest FMI = Complete DF = Stment: Small sample DF: min = avg = max =	2,073 2,496,043 0.0000 0.0000 13.33 13.33
of PSUs = 30	2,07: 2,496,04: 0.0000 0.0000 1: 13.3: 13.3: 17.90

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141 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit LNNFLMEDIAN SEX

Multiple-imputation estimates Imputations = 5 Survey: Multinomial logistic regression Number of obs = 2,085

Number of stra Number of PSUs		15 30		Subpop. Average Largest	no. obs size RVI FMI	= :	212,496,041 2,071 212,496,041 0.0000 0.0000
DF adjustment:	Small samp	le			min avg	= = =	15 13.33 13.33
Model F test: Within VCE typ	Equal F De: Lineariz			F(1 , Prob > F		= = =	13.33 4.73 0.0482
LNNFLMEDIAN	Coefficient	Std. err.	t	P> t	[95%	conf	. interval]
1	(base outco	me)					
SEX _cons	2030094 .2339173	.0933407 .1552597	-2.17 1.51		404 100		0018704 .5684851

142 .

143 . mi estimate: svy, subpop(SAMPLE_FINAL): mlogit MORTSTAT SEX

Multiple-imputation estimates Survey: Multinomial logistic regression	Imputations Number of obs	=	5 2,085
Survey. Multinomial logistic regression	Number of obs	=	2,005
Number of strata = 15	Population size	=	212,496,041
Number of PSUs = 30	Subpop. no. obs	=	2,071
	Subpop. size	=	212,496,041
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	15
DF adjustment: Small sample	DF: min	=	13.33
	avg	=	13.33
	max	=	13.33
Model F test: Equal FMI	F(1, 13.3)	=	0.01
Within VCE type: Linearized	Prob > F	=	0.9138

MORTSTAT	Coefficient	Std. err.	t	P> t	[95% conf.	interval]
Assumed_alive	(base outco	ome)				
Assumed_deceased SEX _cons	0272959 -3.274939	.2473613 .4356114	-0.11 -7.52	0.914 0.000	5603325 -4.213634	.5057408 -2.336243

144 .

145 . mi estimate: svy, subpop(SAMPLE_FINAL): reg AGE_DEATH SEX

Multiple-imputation estimates Imputations = 5 Survey: Linear regression Number of obs = 2,085

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Number of strata	= 15	Populat:	ion size	=	212,496,041
Number of PSUs	= 30	Subpop.	no. obs	=	2,071
		Subpop.	size	=	212,496,041
		Average	RVI	=	0.0000
		Largest	FMI	=	0.0000
		Complete	e DF	=	15
DF adjustment:	Small sample	OF:	min	=	13.33
			avg	=	13.33
			max	=	13.33
Model F test:	Equal FMI	F(1 ,	13.3)	=	1.37
Within VCE type:	Linearized	Prob >	F	=	0.2617

AGE_DEATH	Coefficient	Std. err.	t	P> t	[95% conf.	. interval]
SEX	.6404323	.5464171		0.262	5370371	1.817902
_cons	49.97785	.8475864		0.000	48.1514	51.80431

146 .
147 . save, replace
 file finaldata_imputed.dta saved

148 .

149 . 150 . 151 . capture log close