

MXFLS - 3 CODEBOOK BOOK S

TOPIC: ANTHROPOMETRICS AND BIOMARKERS

DATA FILES

Data are available in STATA (10.1) format. Data and electronic documentation are available on the MXFLS website.

Data is contained in folders, one for each household book. There are 11 folders. The folder names were assigned by the book prefix followed by the correspondent book initials. For example, in the Anthropometrics and Biomarkers book, section Anthropometrics and biomarkers is in s_sa.

The modules names were assigned by using the book initials prefix followed by the section denomination. For example, the section that corresponds to the cover of the Anthropometrics and Biomarkers book is denominated s_portad.

This book, Anthropometrics and Biomarkers, has 3 sections and 3 modules. The modules are the following ones:

MODULES	DESCRIPTION	OBSERVATION LEVEL	NUMBER OF OBSERVATIONS
s_portad	Health book cover	Household	9085
s_sa	Health measurements	Individual	48174
s_conpor	Visits control	Household	11008
s_ne	Interview session notes		9684

USER SUPPORT

These data should be used in conjunction with the Questionnaires and User's Guide. Check the MXFLS web page. For any doubt and answers to frequently asked questions, please send all questions to supportmxfls@ennvih-mxfls.org

DICTIONARY

For each one of the variables in each module, the dictionary gives the following information:

VARIABLE NAME	It is denominated with the section initials and the number of the question
FORMAT	Assigns A for alphanumeric variables and N for the numerical variables
VARIABLE LABEL	Provides the meaning of the values of the codified variables
VALUES LABEL	Provides a description of the variable
TOTAL OBSERVATIONS	Provides the total of non missing observations of the variable

SPECIAL CODES

8, 98,998, 9998 or 99998 Do not know
9, 99,999, 9999 or 99999 Not applicable

MXFLS-3 CODEBOOK**S Book: Anthropometrics and Biomarkers****Section: s_portad**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
rel	N	Result Interview of Book	Mean: 20.28	9085
ent	N	State	2. Baja California 3. Baja California Sur 4. Campeche 5. Coahuila 6. Colima 7. Chiapas 9. Distrito Federal 10. Durango 11. Guanajuato 12. Guerrero 13. Hidalgo 14. Jalisco 15. Estado de México 16. Michoacán 17. Morelos 18. Nayarit 19. Nuevo León 20. Oaxaca 21. Puebla 22. Querétaro 25. Sinaloa 26. Sonora 28. Tamaulipas 29. Tlaxcala 30. Veracruz 31. Yucatán 32. Zacatecas Total	11 375 1 476 1 2 196 612 655 1 4 495 670 758 401 2 786 601 436 3 699 695 11 1 828 363 2 9085
folio	N	Household ID Third Round		9085

MXFLS-3 CODEBOOK
S Book: Health Measures and Anthropometrics
Section: s_sa

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
folio	N	Household ID Third Round		48174
Is00		Number individual ID Third Round		48174
sa01	N	Sex	1. Male 3. Female Total	23620 24537 48157
sa01a	N	Time of last meal	1. Yes	32136
sa01a_21	N	Hours of last meal	Mean: 13.45	32136
sa01a_22	N	Minutes of last meal	Mean: 7.78	32136
sa02	N	What is your date of birth?	1. Yes 8. DK Total	31464 672 32136
sa02_1	N	Day Birth	Mean: 15.52	31464
sa02_2	N	Month Birth	Mean: 6.52	31464
sa02_3	N	Year Birth	Mean: 1980.28	31460
sa02a	N	Method used to obtain birth date	1. Respondent's memory 2. Official document Total	30526 937 31463
sa03	N	How old?	Mean: 28.87	32120
sa03b	N	With which image you identify?	1. Figure 1 2. Figure 2 3. Figure 3 4. Figure 4 5. Figure 5 6. Figure 6 7. Figure 7 8. Figure 8 9. Figure 9 Total	787 1560 3494 4351 3483 2763 4163 2809 948 24358
sa03c	N	Interviewer: verify the respondent is men/woman	1. Man 3. Woman Total	10940 13418 24358

S Book: Health Measures and Anthropometrics
Section: s_sa

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa03d	N	Physiological status	1. Pregnant 2. Breastfeeding 3. None of the above Total	452 652 12314 13418
sa03e_1	N	Day/month you expect the birth?	1. Yes 8. DK Total	357 95 452
sa03e_21	N	Day you expect the birth?	Mean: 15.01	357
sa03e_22	N	Month you expect the birth?	Mean: 7.54	357
sa04_1	N	What is height?	1. Yes 8. DK Total	10220 14138 24358
sa04_21	N	Height meters	1. Meters: 1	10220
sa04_22	N	Height cms	1. Cms: 62.08	10219
sa05_1	N	What is weight?	1. Yes 8. DK Total	12533 12084 24617
sa05_21	N	Weight Kg/Gr	Mean: 69.31	12482
sa07_1	N	Size/length	1. Measure 3. Reason why it was not taken Total	29630 2757 32387
sa07_21	N	Measure size/length cm	Mean: 150.05	29630
sa07_22	N	Reason not measured size/length	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	10 65 0 299 1 5 113 493
sa07a	N	Measurement method	1. Standing 3. Laid Down Total	29270 120 29390

MXFLS-3 CODEBOOK**S Book: Health Measures and Anthropometrics****Section: s_sa**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa08_1	N	Weight?	1. Measure 3. Reason why it was not taken Total	30747 483 31230
sa08_21	N	Weight kg	Mean: 56.62	30748
sa08_22	N	Reason no take weight	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	7 68 4 269 3 5 127 483
sa11_1	N	Waist Circumference	1. Measure 3. Reason why it was not taken Total	21472 1174 22646
sa11_21	N	Measure waist circumference cm	Mean: 91.09	21424
sa11_22	N	Reason not take waist circumference	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	9 63 106 369 3 440 184 1174
sa11a_1	N	Hip circumference?	1. Measure 3. Reason why it was not taken Total	21515 1131 22646
sa11a_21	N	Measured hip circumference cm	Mean: 101.05	21515

MXFLS-3 CODEBOOK**S Book: Health Measures and Anthropometrics****Section: s_sa**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa11a_22	N	Reason not take circumference	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	5 57 101 352 2 410 204 1131
sa11b_1	N	Size sitting down?	1. Measure 3. Reason why it was not taken Total	22146 500 22646
sa11b_21	N	Measure size sitting down cm	Mean: 134.89	22146
sa11b_22	N	Reason not take size sitting down	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	5 30 4 281 1 13 166 500
sa11x	N	Interviewer: verify age	1. Yes 3. No Total	22387 9736 32123
sa12_1	N	1st blood pressure measurement: systole / diastole?	1. Measure 3. Reason why it was not taken Total	22422 224 22646
sa12_21	N	Measure 1st blood pressure: systole	Mean: 122.81	22420
sa12_22	N	Measure 1st blood pressure: diastole	Mean: 78.53	22420

MXFLS-3 CODEBOOK**S Book: Health Measures and Anthropometrics****Section: s_sa**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa12_23	N	Reason not taken 1st blood pressure	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	6 25 12 0 40 1 140 224
sa12a_1	N	1st pulse measurement?	1. 1st pulse measurement	22645
sa12a_2	N	Measure 1st pulse measurement	Mean: 81.60	22645
sa14_1	N	2nd blood pressure measurement: systole/diastole?	1. Measure 3. Reason why it was not taken Total	22378 260 22638
sa14_21	N	Measure 2nd blood pressure: systole	Mean: 120.52	22378
sa14_22	N	Measure 2nd blood pressure: diastole	Mean: 77.69	22378
sa14_23	N	Reason not taken 2nd blood pressure	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	5 25 12 41 1 0 176 260
sa14a_1	N	2nd pulse measurement?	2. 2nd pulse measurement	22638
sa14a_2	N	Measure 2nd pulse measurement	Mean: 82.50	22638
sa16_1	N	Hemoglobin (g/dl)?	1. Measured 3. Reason why it was not taken Total	29856 2516 32372
sa16_21	N	Measure hemoglobin (g/dl)	Mean: 14.51	29846

MXFLS-3 CODEBOOK**S Book: Health Measures and Anthropometrics****Section: s_sa**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa16_22	N	Reason not taken hemoglobin(g/dl)	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	7 449 307 25 155 0 1573 2516
sa16b_1	N	Total cholesterol?	1. Measured 3. Reason why it was not taken Total	9515 345 9860
sa16b_21	N	Measure total cholesterol	Mean: 197.88	7092
sa16b_22	N	Reason not taken total cholesterol	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	5 89 49 13 1 0 188 345
sa16c_1	N	Cholesterol hdl?	1. Measured 3. Reason why it was not taken Total	9393 467 9860
sa16c_21	N	Measure cholesterol hdl	Mean: 41.22	9393
sa16c_22	N	Reason not taken cholesterol hdl	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	6 89 102 12 39 0 219 467

MXFLS-3 CODEBOOK**S Book: Health Measures and Anthropometrics****Section: s_sa**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa16d_1	N	Glycosylated hemoglobin(%)?	1. Measured 3. Reason why it was not taken Total	9178 681 9859
sa16d_21	N	Measure glycosylated hemoglobin?	Mean: 6.54	9181
sa16d_22	N	Reason not taken measurement glycosylated hemoglobin	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	6 88 182 10 2 0 393 681
sa16x1	N	Interviewer: check age	1. Yes 3. No Total	7672 14707 22379
sa16x2	N	Interviewer: check the cover(sax)	1. Yes 3. No Total	3776 10931 14707
sa17x_1	N	Took blood test?	1. Measured 3. Reason why it was not taken Total	30909 1459 32368
sa17x_2	N	Reason not taken blood test	1. Absent 2. Denied 3. Lack of equipment/ material problems 4. Disability /illness 5. Because of age 6. Pregnancy/childbirth 88. Does not specify Total	10 516 25 24 159 0 725 1459
sa18_1	N	Visible illness/skin infection/cough/wounds	1. Specify illness/disability 3. Does not have any illness/disability Total	797 31311 32108

MXFLS-3 CODEBOOK**S Book: Health Measures and Anthropometrics****Section: s_sa**

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa18_2	N	Specify visible illness	1. Dermatological diseases 2. Respiratory diseases 3. Dental diseases 4. Flu 5. Hypertension or Hypotension 6. Eyesight problems 7. Obesity 8. Diabetes 9. Arthritis/rheumatism 10. Varicose vein 11. Bone System 12. Anemia and malnutrition 13. Seizures/epilepsy 14. Cancer 15. Alzheimer 16. Chickenpox/rubella 17. Had surgery recently 18. Missing limb 19. Parkinson 20. Hernia 21. Ear problems 22. Mental retardation 23. Alcoholism 24. Allergy 25. Heart problems 26. Paralyzed/walking problems 27. Headache/migraine 28. Stomach problems 29. Fever 30. Kidney problems 31. Malformation 88. Does not specify Total	252 224 3 110 4 27 7 5 9 12 48 2 1 6 2 5 10 6 3 5 3 2 1 3 3 4 2 2 2 4 1 28 797
sa19_1	N	Respondent handicapped (paralysis/deafness/blindness/mental disab?	1. Specify illness/disability 3. Does not have any illness/disability Total	689 31419 32108

MXFLS-3 CODEBOOK

S Book: Health Measures and Anthropometrics
Section: s_sa

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa19_2	N	Specify handicapped	1. Ear problems	149
			2. Eyesight problems	134
			3. Mental retardation	90
			4. Paralyzed(walking problems)	71
			5. Autism	3
			6. Temporary disability	33
			7. Arthritis/ rheumatism/ uric acid	22
			8. Parkinson	8
			9. Malformation	13
			10. Missing limb	23
			11. Alcoholism	1
			12. Alzeheimer	3
			13. Paralysis / stroke	54
			14. Language problems	14
			15. Attacks / epilepsy	3
			16. Difficulty getting up / staying up	20
			17. Mental disorders	5
			18. Dermatological diseases	3
			19. Bone / osteoporosis	3
			20. Memory loss	1
			21. Stomach problems	1
			22. Edema	2
			23. Trombosis	1
			88. Does not specify	32
Total	689			
sa20_1	N	Type of clothes when measured?	1. Light clothing	9409
			2. Thick clothing	22447
			3. Other	352
			Total	32108
sa21	N	Measurement result	1. Complete	31178
			2. Incomplete	931
			Total	32109
sa21a_1	N	Reason did not complete measurement	1. Physical problem	286
			2. Did not cooperate	84
			3. Did no want to	149
			4. Was not there at the moment of the visit	8
			5. Other (specify)	404
			Total	931

S Book: Health Measures and Anthropometrics
Section: s_sa

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
sa22	N	Interviewer: respondents health compared with other people?	1. Much worse 2. 3. 4. 5. Same 6. 7. 8. 9. Much better Total	97 183 1089 5182 18184 4978 1439 711 245 32108
sa24	N	Interviewer: interruption/other problem with the measurements?	1. Yes 3. No Total	291 31817 32108
sa26_1	N	End time?	1. Yes	32109
sa26_21	N	Hour end time	Mean: 15.92	32109
sa26_22	N	Minutes end time	Mean: 29.08	32109



S Book: Health Measures and Anthropometrics
Section: s_ne

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF
folio	N	Household ID Third Round		9687
ne02_11	N	Date: day	Media: 15.64	9672
ne02_12	N	Date: month	Media: 7.79	9672
ne02_13	N	Date: year	Media: 9.42	9491
ne03_11	N	Time start: time	Media: 15.20	9672
ne03_12	N	Time start: minutes	Media: 22.50	9672
ne04_11	N	Completion time: time	Media: 15.95	9672
ne04_12	N	Completion time: minutes	Media: 27.49	9672
ne05	N	Temperature	Media: 27.25	9590
ne06	N	Moisture	Media: 95.11	9622
ne07	N	Id cardiocheck	Media: 24.37	9670
ne08	N	Id hemocue	Media: 20.42	9670
ne09	N	Id omron	Media: 20.53	9670
ne10	N	Id in2it	Media: 23.96	9546

S Book: Health Measures and Anthropometrics
Section: s_conpor

VARIABLE NAME	FORMAT	VARIABLE LABEL	VALUE LABELS	TOTAL OF OBSERVATIONS
folio	N	Household ID Third Round		11008
anio	N	Year of visit	Mean: 9.61	11008
anioprox	N	Year of next visit	Mean: 9.99	1904
hrsprox	N	Time next visit: hrs	Mean: 14.20	1904
mes	N	Month visit	Mean: 7.47	11008
mesprox	N	Month next visit	Mean: 6.79	1904
minprox	N	Time next visit: min	Mean: 6.15	1904
secuencia	N	Sequence	1 to 5	11008
visita	N	Number of visits	Mean: 1.29	11008

