

Michigan Family Planning Program Data Elements with LOINC/SNOMED Codes

Date Effective: 1/1/2023*

LAST UPDATED: 12/27/2023

*Note: These specifications do not go into effect for MDHHS Family Planning Data Collection and Reporting until January 1, 2023.

LOINC/SNOMED Codes

Logical Observation Identifiers Names and Codes (LOINC codes) and Systematized Nomenclature of Medicine (SNOMED) codes are preferred for MDHHS FPAR 2.0 family planning data reporting

[LOINC Term Definitions, Element Codes and Answer ID can be found on the www.loinc.org website](http://www.loinc.org)

[SNOMED Values can be found on the https://www.findacode.com/snomed/index.html website](https://www.findacode.com/snomed/index.html)

For a definition of the MDHHS Data Element see the 'MI-FPAR 2.0 Data Element/Response Definitions' supplement

For a list of LOINC-SNOMED Codes and Valid Values by Element see the 'MI-FPAR 2.0 LOINC-SNOMED-Valid Values' supplement

For information on the Office of Population Affairs (OPA) data privacy and de-identification process refer to the IHE IT Infrastructure White Paper:

https://www.ihe.net/uploadedFiles/Documents/ITI/IHE_ITI_WP_Analysis-of-DeID-Algorithms-for-FP-Data_Elements.pdf

For an example of how to format a CSV file of Title X encounters to submit for FPAR 2.0 reporting refer to:

[Encounter-level sample file-XLSX on the OPA website](#)

Please Note:

***Required Data Element at every encounter**

Not all data fields have an associated LOINC or SNOMED code. The sixth column of the table indicates which fields have an available code.

For each field, only one type of code can be reported (i.e. LOINC or SNOMED codes but not both).

Data Element #	MI-FPAR 2.0 Field Name	Definition	Format		LOINC/SNOMED codes, with miscellaneous comments
			Text (X Characters if Applicable or associated code)	LOINC (L) and/or SNOMED (S) Codes Accepted for these fields	
1*	Facility Identifier	Code that identifies a hospital/clinic. May be a true identifier or a pseudo-identifier	XXXX		See MDHHS MI-FPAR Facility Identifier Codebook
2*	Attending Physician Identifier (NPI)	Attending physician or clinic NPI.	XXXXXXXXXX		
3	Provider role	The role of the clinical provider (e.g. doctor, registered nurse) that provided services at the encounter.		L	LA18968-0: Doctor LA9292-9: Nurse Practitioner LA9296-0: Physician Assistant LA18967-2: Midwife LA9291-1: Registered Nurse LA46-8: Other
4*	Patient Identifier	Patient identifier is a unique alphanumeric string that identifies a specific patient and is assigned by a specific organization (assigning authority).			Local agency to assign. Value should be consistent for each encounter/year. MRN recommended.
45*	Patient Status	A new patient is one who has not received any professional services from the provider within the past three years.			0 -New Patient 1- Established patient
46*	Postal Zip Code	Zip code where patient legally resided at time of visit	XXXXX		
5*	Visit Date	Visit Date	YYYY-MM-DD		Date of clinic visit (must be <=current date)
6*	Birth Date	Birth Date	YYYY-MM-DD		Date of birth
7*	Sex at birth	In LOINC, sex refers to the biological sex of an organism, which is most commonly determined based on anatomy and physiology or genetic analysis.		L	LA2-8: Male LA3-6: Female

MI-FPAR 2.0 Data Elements

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			Text (X Characters if Applicable or associated code)	LOINC (L) and/or SNOMED (S) Codes Accted for these fields	
42	Sexual Orientation	An individual's physical and/or emotional attraction to another individual of the same gender, opposite gender, or both genders. Sexual orientation is independent of gender identity and biological sex.		S	42035005: Bisexual 38628009: Lesbian, gay, or homosexual 20430005: Straight or heterosexual OTH: Other, Something else UNK: Unknown ASKU: Asked, but unknown
43	Gender Identity	An individual's personal sense of being a man, woman, or other gender, regardless of the sex that person was assigned at birth.		S	446141000124107: Female 446151000124109: Male 407377005: Female-to-Male(FTM)/Transgender Male/Trans Male 407376001: Male to Female (MTF)/Transgender Female/Trans Woman 446131000124102: Identifies as neither exclusively male nor female OTH: Other UNK: Unknown ASKU: Asked, but unknown
8	Limited English Proficiency	Patient's proficiency in English in listening, writing, reading, or speaking		L	LA28228-7: Proficient in English LA28229-5: Not proficient in English
9	Ethnicity OMB	"Ethnicity" as defined by the Office of Management and Budget (OMB)		L	LA6214-6: Hispanic or Latino/a LA19555-4: Not Hispanic or Latino/a UNK: Unknown
10	Race OMB	"Race" as defined by the Office of Management and Budget (OMB)			
		Race - American Indian or Alaska Native		L	LA33-6: Yes LA32-8: No
		Race - Asian		L	LA33-6: Yes LA32-8: No
		Race - Black or African American		L	LA33-6: Yes LA32-8: No
		Race - Native Hawaiian or Other Pacific Islander		L	LA33-6: Yes LA32-8: No
		Race - White		L	LA33-6: Yes LA32-8: No
		Race - Unknown		L	LA33-6: Yes LA32-8: No
11	Annual Household Income	Combined family income for year before taxes. Family is a 1 person, or 2 or more persons living together as a household.	XX-XXXXXX		Whole dollars only. Numeric value
12	Household Size	Number in household; family is a 1 person or 2 or more persons living together as a household including patient.	X-XX		Number of people

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			Text (X Characters if Applicable or associated code)	LOINC (L) and/or SNOMED (S) Codes Accepted for these fields	
13	Insurance Coverage Type	Client's primary insurance coverage status at encounter			PAY: No Insurance-Self Pay HIP: Health Insurance Plan Policy HMO: Health Maintenance Organization Policy PPO: Preferred Provider Organization Policy SAFNET: Safety Net Clinic Program UNK: Unknown/No Payer Specified PUBLICPOL: Public Healthcare SUBSIDIZ: Subsidized Health Program SUBSIDMC: Subsidized Managed Care Program SUBSUPP: Subsidized Supplemental Health Program
14	Payer for Visit	Entity or person by whom a bill should be paid to		L	LA10028-1: None (no charge for current service) LA6259-1: Medicare (traditional fee-for-service) LA6258-3: Medicare (HMO/managed care) LA6257-5: Medicaid (traditional fee-for-service) LA6256-7: Medicaid (HMO/managed care) LA10123-0: Workers' Compensation LA6398-7: Title programs (e.g., Title III, V, or XX) LA10049-7: Other government (e.g., TRICARE, VA, etc.) LA10061-2: Private insurance/Medigap LA6349-0: Private HMO/managed care LA6369-8: Self-Pay LA6310-2: Other (specify) LA4489-6: Unknown
15	Pregnancy Status	Pregnancy status at time of encounter		L	LA15173-0: Pregnant LA26683-5: Not Pregnant LA4489-6: Unknown NCR: Not Clinically Relevant
16	Pregnancy Intention	Intention/desire in the next year to either become pregnant or prevent a pregnancy. This includes male patients seeking pregnancy with a female partner.		L	LA26438-4: Yes, I want to become pregnant LA26439-2: I'm OK either way LA26440-0: No, I don't want to become pregnant LA14072-5: Unsure
17	Contraceptive Method at intake-reported at intake	Contraceptive Method Before Visit		L	See Attachement: MI FPAR 2.0 LOINC-SNOMED/Valid Values
18	Reason for no contraceptive method use reported-at intake	Reason for no birth control use reported Before Visit		L	LA14550-0: Abstinence LA27925-9: Same sex partner LA46-8: Other LA27927-5: Sterile for non-contraceptive reasons LA27928-3: Seeking pregnancy
19	Contraceptive Method at exit- reported at exit	Contraceptive Method After Visit		L	See Attachement: MI FPAR 2.0 LOINC-SNOMED/Valid Values

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			Text (X Characters if Applicable or associated code)	LOINC (L) and/or SNOMED (S) Codes Acceted for these fields	
20	Reason for no contraceptive method use reported-at exit	Reason for no birth control use reported After Visit		L	LA14550-0: Abstinence LA27925-9: Same sex partner LA46-8: Other LA27927-5: Sterile for non-contraceptive reasons LA27928-3: Seeking pregnancy
21	How contraceptive method was provided	The method for how the birth control was provided (e.g., on site, referral, prescription) to the patient at the end of an encounter		L	LA27929-1: Provided on-site LA27930-9: Referral LA27931-7: Prescription NCR: Not Clinically Relevant
22	Contraceptive counseling was provided	An interaction in which provider spends time (5-10 minutes) during an encounter discussing the patients choice of contraceptive method and available options.		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant
23	Counseling to achieve pregnancy was provided	An interaction in which a provider spends time (5-10 minutes) during an encounter discussing any services and/or provides counseling related to achieving pregnancy or addressing infertility		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant
41	Do you want to talk about contraception or pregancy prevention during your visit today?			L	LA33-6: Yes LA32389-1: No because they were here for something else LA32390-9: No, this question does not apply to them/prefer not to answer LA32393-3: No because they are already using contraception LA32391-7: No because they are unsure or don't want to use contraception LA32392-5: No because they are hoping to become pregnant in the near future
44*	Was the patients visit to the clinic requested to be kept confidential?	Did the client request their visit to be marked as confidential typically so their health insurance is not billed to suppress the Explanation of Benefits (EOB)? Include confidential Medicaid visits.		L	LA33-6: Yes LA32-8: No
24	Systolic blood pressure	Systolic blood pressure reading in mmHg	Positive Integers (xx or xxx)		Systolic number
25	Diastolic blood pressure	Diastolic blood pressure reading in mmHg	Positive Integers (xx or xxx)		Diastolic number
26	Body Height	Body Height in inches	Positive Integers, reported to 10ths place (xx.x)		Height number
		Body Height - Unit of measurement	in/cm		Inches/centimer

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27	Body Weight	Body Weight in pounds	Positive Integers, reported to 10ths place (xx.x)		Weight number
		Body Weight - Unit of measurement	lb/g/kg		Pounds/grams/kilograms
28	Tobacco Smoking Status	Clients smoking behavior		L	LA18976-3: Current every day smoker LA18977-1: Current some day smoker LA15920-4: Former smoker LA18978-9: Never Smoker LA18979-7: Smoker, current status unknown LA18980-5: Unknown if ever smoked LA18981-3: Heavy tobacco smoker LA18982-1: Light tobacco smoker
29	Pap test ordered/performed at this visit	A pap test was ordered/performed during the visit		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant
30	Pap smear tests-FPAR 2.0 set (Panel)	Set of lab terms that may be used to gather Pap smear test results at time of the patient encounter as specified by the Family Planning Annual Report (FPAR).		L/S	373878001: ASCUS Atypical Squamous cells of undetermined significance, cannot exclude HSIL 103637006: ASCUS Atypical Squamous cells of undetermined significance 112662005: Low Grade SIL 22725004: High Grade SIL 28899001: Squamous cell carcinoma 441219009: Atypical glandular cells NOS 373883009: Atypical glandular cells suspicious for cancer 51642000: Adenocarcinoma in-situ 373887005: Negative for intraepithelial lesion 125152006: Specimen satisfactory for evaluation 125154007: Specimen unsatisfactory for evaluation RNA: Results not available at time of reporting
31	HPV test ordered/performed at this visit	An HPV test was ordered/performed during the visit		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant

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32	HPV tests-FPAR 2.0 set (Panel)	Set of lab terms that may be used to gather HPV test results at time of the patient encounter as specified by the Family Planning Annual Report (FPAR).		L/S	If an HPV test was performed, the result may be reported in this field. LA6576-8 or 10828004: Positive LA6577-6 or 260385009: Negative LA11882-0 or 260373001: Detected LA11883-8 or 260415000: Not Detected 42425007: Equivocal 82334004: Indeterminate RNA: Result not available at time of reporting
33	Chlamydia sp test ordered/performed at this visit	A Chlamydia test was ordered/performed during the visit		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant
34	Chlamydia sp tests-FPAR 2.0 set (Panel)	Set of lab terms that may be used to gather Chlamydia trachomatis test results at time of the patient encounter as specified by the Family Planning Annual Report (FPAR).		L/S	If a Chlamydia SP test was performed, the result may be reported in this field. LA6576-8 or 10828004: Positive LA6577-6 or 260385009: Negative LA11882-0 or 260373001: Detected LA11883-8 or 260415000: Not Detected LA11885-3 or 42425007: Equivocal 82334004: Indeterminate LA9663-1: Inconclusive LA16153-1: Chlamydia trachomatis detected LA16154-9: Chlamydia trachomatis not detected LA16155-6: Chlamydia trachomatis inconclusive LA16157-2: Chlamydia trachomatis equivocal RNA: Result not available at time of reporting
35	Neisseria gonorrhoeae test ordered/performed at this visit	A Neisseria gonorrhoeae test was ordered/performed at the visit		L	LA33-6 Yes LA32-8 No NCR: Not Clinically Relevant
36	Neisseria gonorrhoeae tests-FPAR 2.0 set (Panel)	Set of lab terms that may be used to gather Neisseria gonorrhoeae test results at time of the patient encounter as specified by the Family Planning Annual Report (FPAR).		L/S	If a neisseria gonorrhea test was performed, the result may be reported in this field. LA6576-8 or 10828004: Positive LA6577-6 or 260385009: Negative LA11882-0 or LA16150-7, 260373001: Detected LA11883-8 or LA16151-5 or 260415000: Not Detected LA11885-3 or LA16156-4 or 42425007: Equivocal LA9663-1 or LA16152-3 or 82334004: Inconclusive/Indeterminate RNA: Result not available at time of reporting
37	HIV test ordered/performed at this visit	An HIV test was ordered/performed at the visit		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant

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38	HIV 1 and 2 tests-FPAR 2.0 set (Panel)	Set of lab terms that may be used to gather HIV 1 & 2 test results at time of the patient encounter as specified by the Family Planning Annual Report (FPAR).		L/S	If an HIV 1 and 2 test was performed, the result may be reported in this field. 10828004: Positive 260385009: Negative LA15255-5 or 11214006: Reactive LA15256-3 or 131194007: Non-reactive 260373001: Detected 260415000: Not Detected 42425007: Equivocal 419984006: Inconclusive LA11884-6 or 82334004: Indeterminate LA15841-2: Invalid RNA: Result not available at time of reporting
39	Syphilis test ordered/performed at this visit	A Syphilis test was ordered/performed at this visit		L	LA33-6: Yes LA32-8: No NCR: Not Clinically Relevant
40	Syphilis Test Result	Set of lab terms that may be used to gather Syphillis test results at time of the patient encounter as specified by the Family Planning Annual Report (FPAR).		L/S	LA6576-8: Positive LA6577-6: Negative LA19958-0: No serological evidence of current or past infection LA19959-8: Biological false positive LA19960-6: Early primary syphilis LA19961-4: Treated syphilis LA19962-2: Person from a country endemic for yaws, pinta or bejel LA19963-0: May represent a biological false positive LA19964-8: May be infectious syphilis if no previous history of syphilis LA19877-2: Consistent with active infectious syphilis 11214006: Reactive (qualifier value) 131194007: Non-reactive (qualifier value) 10828004: Positive (qualifier value) 260373001: Detected (qualifier value) 260385009: Negative (qualifier value) 260415000: Not detected (qualifier value) 42425007: Equivocal (qualifier value) 82334004: Indeterminate (qualifier value) RNA: Results not available at time of reporting

Version Log
<p>Version 12/19/22: Added Facility ID (#1) format for response value Updated format for response valules #1 (Facility ID), #5 (Date of Visit) and #6 (Date of Birth)</p> <p>Version 3/20/2023:</p>

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			Text (X Characters if Applicable or associated code)	LOINC (L) and/or SNOMED (S) Codes Acceted for these fields	
<p>Updated categories and format for response valules #10 (Race) Updated format for responses values #24 (Systolic Blood Pressure) and #25 (Diastolic Blood Pressure) Updated format for response values #27 (Body Weight) Updated categories for #26 (Body Height) and #27 (Body Weight) to include unit of measurement (i.e., inches, pounds) Version 5/18/2023: Clarified unit of measurement for Data Element response options 24-27 on MI-FPAR 2.0 Data Elements and MI-FPAR 2.0 LOINC SNOMED Vvalue response options Updated MI-FPAR 2.0 LOINC-SNOMED-Vvalue options for Contraceptive Method at Intake and Exit to include LA14534-4: Vasectomy Updated MI-FPAR 2.0 Data Elements and MI FPAR 2.0 LOINC SNOMED Vvalue options for Chlamydia SP test FPAR 2.0 set (Panel) to include LA11882-0 or 260373001: Detected Version 7/20/23: Updated MI-FPAR 2.0 Data Elements and MI FPAR 2.0 LOINC SNOMED Vvalue options for Insurnace Coverage Type to include HIP: Health Insurance Plan Policy and PUBLICPOL: Public Healthcare Version 12/27/23: Updated all lab tests to "ordered/performed" from "performed"</p>					