Michigan Automated Prescription System (MAPS)
State of Michigan
Format for *ASAP Version 4.1 (2009)*
List of required fields

Please Note: This is a character-delimited format. For details and examples please consult the **ASAP Rules Based Standard Implementation Guide for Prescription Monitoring Programs, Version 4.1**. This document is available from American Society for Automation in Pharmacy (www.asapnet.org or phone 610-825-7783)

You may send data in all fields listed below and those that are not listed below, but are available in ASAP version 4.1 format if you wish, however you **must** include the field delimiter for that field even if no data is being sent.

HEADER	
Transaction Header	
TH 01	ASAP Version/Release number **(4.1)**
TH 02	Transaction Control Number
TH 05	Creation date – (**YYYYMMDD**)
TH 06	Creation time – (**123001**)
TH 07	Type of Transaction. **(P = Production)**
TH 09	Data Segment Terminator Character. This can be any special character. But not same as the data delimiter. **Note:** The data segment character should be specified twice. One to define the segment terminator character used in the file and the other for terminating the segment since it is the last data element. **Example:** TH*4.1*857463***20101213*112620*P**||
Information Source	
IS 01	Telephone Number (including area code) of the file sender (e.g. individual pharmacy OR pharmacy chain headquarters if sending for group of pharmacies). This ***should be*** the number of a person/office to whom questions about this file should be referred.
IS 02	
Dispensing Pharmacy	
PHA 03	Pharmacy DEA Number
DETAIL	
Patient	
PAT 03	Patient's Identification Number (DL # or Govt Issued Photo ID)
PAT 07	Last Name
PAT 08	First Name

PAT 09	Middle Name (when available)
PAT 12	Address Line 1
PAT 13	Address Line 2 (when available)
PAT 14	City
PAT 15	State (2 digit code)
PAT 16	Zip code
PAT 18	Date of Birth- (**YYYYMMDD**)
PAT 19	Gender Code – (**M or F**)
PAT 20	Species Code 01=Human, 02=Veterinary Patient
Dispensing Record	
DSP 01	Reporting Status 00 - Indicates New Prescription 01 - Indicates that one or more data element values (Except the DEA#, Rx Number and Refill Code) in the previously submitted transactions are being revised. 02 - Indicates to remove the original prescription transaction. **Note:** All the required segments and data elements must be reported inspite of any reporting status.
DSP 02	Prescription Number assigned by pharmacy
DSP 03	Date Written- (**YYYYMMDD**)
DSP 04	Refills Authorized (**00=new 01-99**)
DSP 05	Date Filled- (**YYYYMMDD**)
DSP 06	Refill Number / Rx Type **(00=new 01-99)**
DSP 07	Product ID Qualifier – **01 = NDC 06 = Compound**
DSP 08	Product ID– NDC Number-Must be eleven dig**its** Enter eleven 9's if compound & use CDI segment
DSP 09	Quantity Dispensed (**Decimals *NOT* implied**)
DSP 10	Days Supply (**NO DECIMALS**)
DSP 12	Transmission Form of RX Origin Code: 01-Written Prescription 02=Telephone Prescription 03=Telephone Emergency Prescription 04=Fax Prescription 05=Electronic Prescription
DSP 16	Payment Type 01=Private Pay, 02=Medicaid, 03=Medicare,04=Commercial PBM Ins,05= Military Installations and VA,06=Workers' Comp 07= Indian Nations 99 = Other
DSP 19	Electronic Prescription Reference Number
Prescriber	
PRE 02	Prescriber DEA Number
PRE 03	DEA Number Suffix (if applicable)

Compounded Drug Ingredient (If applicable)	
CDI 01	Compound Drug Ingredient Sequence Number (Starts from 1).
CDI 02	Type of Product ID (**01=NDC**).
CDI 03	Ingredient Product ID – (**NDC Number-must be eleven digits**).
CDI 04	Ingredient Quantity – of Schedule drug
CDI 05	Drug Dosage Units Code 01 – Each (Solid dosage units or indivisible packages) 02 – Milliliters (ml) 03 – Grams (gm)
SUMMARY	
Pharmacy Trailer	
TP 01	Number of Detail Segments for Pharmacy
Transaction Set Trailer	
TT 01	Transaction Set Control Number
TT 02	Segment Count

The Header (TH and IS) is sent once for the entire file.

If multiple pharmacies are included in a single file, the PHA segment is repeated with all the DETAIL segments under it for each Pharmacy. The TP segment is inserted at the end of each pharmacy's report.

If there are multiple patients within a single pharmacy's report, the PAT, DSP and PRE are repeated for each patient.

If a patient has multiple RX's filled within the reporting period, the remaining fields within the DETAIL segment (e.g. DSP and PRE) are repeated following the PAT segment. In other words, the prescription info can loop multiple times under the PAT segment. However, you may also include the PAT segment for each RX filled if necessary.

If a compounded prescription has multiple ingredients that are controlled substances, the CDI segment is repeated for each compound ingredient begin reported.

If a segment is not being used at all (i.e., CDI segment), you do not need to include them in the file. However, if you wish to include the segment in the file with no data, you must use at least one delimiter ex. CDI*\.

The TT field is inserted at the end of the entire file.

The Acknowledgement will not be used at the current time.