

## Change Log

Date	Version	Changes
2.2.24	4	Added Domain Filed. Added Needs Identified Field. Updated Field #s. Updated Screening_Answers_Code description. Intervention_Category description Updated. Updated Common Key description. 4 Updated Screenee_Unique_ID description.
2.22.2024	4.1	Updated field purposes to be more specific Updated Required/ Optional for: Screenee_Unique_ID/ SSN4/ Common Key/ Address_1/ City/ Postal_Code/ State/ Mobile_Number/ Home_Number

Field #	Data Element	Type	Max Length	Description	Required	Field Purpose
1	Source_Name	Char	125	<p>Readable name of submitting organization:</p> <ul style="list-style-type: none"> <li>• may be different than screening practice name</li> </ul>	Required	<p>File management</p> <p>identifies the organization submitting the data (potentially on behalf of other practices or community organizations)</p>
2	Source_OID	Char	125	<p>Submitting organizations' unique identification number:</p> <ul style="list-style-type: none"> <li>• may be different than screening practice OID</li> <li>• follows V3, 2022 permitting only numbers and periods</li> </ul>	Required	<p>unique identifier number for the organization submitting the data (potentially on behalf of other practices or community organizations)</p>
3	Row_ID	Num	12	<p>Unique Identifier for this row starting with 1:</p> <ul style="list-style-type: none"> <li>• if no Row_ID is supplied, MiHIN will supply it and provide an updated file via SFTP.</li> <li>• if Row_ID is provided that is not unique, MiHIN's error notifications won't indicate unique rows</li> </ul>	Optional	<p>Assists with locating errors from the file submission process.</p>

4	Screenee_Unique_ID	Char	125	<b>Screening organizations unique identifier for the screenee:</b> <ul style="list-style-type: none"> <li>• this is intended to be a unique id specific to the screening organization or MiHIN's common key identifier;</li> <li>• If MiHIN's common key is entered here then the listing of common key in the spec should not be entered again</li> </ul>	Required	<b>Patient Identifiers:</b> <ul style="list-style-type: none"> <li>• information is required if data sharing agreements are in place to support sharing to the state</li> <li>• common Key preferred</li> <li>• inclusion of last 4 of SSN improves patient matching</li> </ul>
5	SSN4	Num	4	Patient Social Security Number - Last 4 digits	<b>Situational (at least one of the following is required: Phone Number, SSN, Address_1)</b>	

6	Common Key	Num	40	<b>Patient's MiHIN Common Key (CKS):</b> <ul style="list-style-type: none"> <li>• If common key used as Screenshot_Unique_ID then not required here</li> <li>• If Screenshot_Unique_ID different then inclusion of MiHIN Common Key encouraged here</li> </ul>	<b>Required if available (Required for Common Key Use Cases)</b>
7	First_Name	Char	50	Patient First Name	Required
8	Last_Name	Char	50	Patient Last Name	Required
9	DOB	Char	10	<b>Patient Date of Birth:</b> <ul style="list-style-type: none"> <li>• format: MM/DD/YYYY</li> </ul>	Required
10	Sex	Char	1	Patient Sex	<b>Required</b> <ul style="list-style-type: none"> <li>• "M" = male</li> <li>• "F" = female</li> <li>• "N" = nonbinary</li> <li>• "D" = declined</li> <li>• "U" = unknown</li> <li>***case insensitive</li> </ul>
11	Race	Char	64	Patient CDC race codes	<b>Optional</b> Patient CDC race code information located on the resource tab
12	Ethnicity	Char	64	Patient CDC ethnicity code	<b>Optional</b> Patient CDC ethnicity code information located on the resource tab

13	Address_1	Char	100	Patient Home Street Address	<b>Situational (at least one of the following is required: Phone Number, SSN, Address_1)</b>	<b>Geographic Data:</b> <ul style="list-style-type: none"> <li>• this information will be used to support positive patient matching</li> <li>• matching individuals from community to those in healthcare may take different data elements</li> <li>• While not technically required, the more data elements that are available to match individuals on the greater the positive match rate will be</li> </ul>
14	Address_2	Char	100	Patient Home Additional Street Address	<b>Optional</b>	
15	City	Char	30	Patient City	<b>Situational (required: if Address_1 is supplied)</b>	
16	Postal_Code	Char	7	<b>Patient Postal Code:</b> <ul style="list-style-type: none"> <li>• format: "12345" or "A1A 1A1"</li> <li>• postal codes can be inclusive of US zip and Canadian postal codes</li> </ul>	<b>Situational (required: if Address_1 is supplied)</b>	
17	State	Char	2	<b>Patient 2 digits USPS state abbreviation codes:</b> <ul style="list-style-type: none"> <li>• state data element can be inclusive of US state and Canadian provincial abbreviation codes</li> </ul>	<b>Situational (required: if Address_1 is supplied)</b>	

18	Mobile_Number	Char	12	<b>Patient Mobile Number:</b> <ul style="list-style-type: none"> <li>• format ###-###-####</li> </ul>	<b>Situational (at least one of the following is required:</b> <b>Phone Number, SSN, Address_1)</b>	<b>Added Demographic Data:</b> <ul style="list-style-type: none"> <li>• inclusion of telephone numbers can assist in patient matching in populations where more traditional demographic data less stable</li> </ul>
19	Home_Number	Char	12	<b>Patient Home Number:</b> <ul style="list-style-type: none"> <li>• format ###-###-####</li> </ul>	<b>Situational (at least one of the following is required:</b> <b>Phone Number, SSN, Address_1)</b>	
20	Screen_Id	Char	64	<b>Id identifying/linking all rows belonging to one patient screening</b>	Required	Linking related rows
21	Screen_Date	Char	10	<b>Date Patient was screened for SDoH needs:</b> <ul style="list-style-type: none"> <li>• format MM/DD/YYYY</li> </ul>	Required	Screening information

22	Screening_Practice_OID	Char	125	<b>Screening organizations' unique identification number:</b> <ul style="list-style-type: none"> <li>• may be different than screening practice OID</li> <li>• follows V3, 2022 permitting only numbers and periods</li> </ul>	Required	
23	Screening_Practice_Name	Char	125	<b>Practice name that conducted screening:</b> <ul style="list-style-type: none"> <li>• Please ensure that correct and consistent practice names are submitted</li> <li>• failure to submit consistently can cause incorrect attribution of screenings</li> </ul>	Required	
24	Screening_Question_Code (LOINC)	Char	24	<b>Adopting Gravity Project LOINC codes</b>	Required	<b>Adopting the Gravity Project approved LOINC Codes.</b> <ul style="list-style-type: none"> <li>• Information on Gravity project questions, answers, Domains and LOINC codes are located in the resources tab</li> </ul>
25	Screening_Answer_Code (LOINC)	Char	24	<b>Adopting Gravity Project LOINC codes</b>	Required	

26	Domain	Char	64	<p><b>Aligns with the Gravity Project Terminology: Identifies which domain a specific LOINC question / answer set aligns with:</b></p> <ul style="list-style-type: none"> <li>• Food Insecurity</li> <li>• Housing Instability</li> <li>• Homelessness</li> <li>• Inadequate Housing</li> <li>• Transportation Insecurity</li> <li>• Financial Insecurity</li> <li>• Material Hardship</li> <li>• Employment Status</li> <li>• Health Insurance Coverage Status</li> <li>• Veteran Status</li> <li>• Stress</li> <li>• Social Connection</li> <li>• Intimate Partner Violence</li> <li>• Elder Abuse</li> <li>• Health Literacy</li> <li>• Medical Cost Burden</li> </ul>	Required	<p><b>Adopting the Gravity Project approved Domain Terminology:</b></p> <ul style="list-style-type: none"> <li>• information on Gravity project questions, answers, Domains and LOINC codes are located in the resources tab</li> <li>• some screening tool questions (examples: ER visits or inpatient stays) may not map to a domain; these should not be included as they are more about how to prioritize patients at the point of care</li> <li>• screening sites are responsible for ensuring accurate mapping according to validated tools/ questions</li> <li>• values accepted are limited to the exact terms/ domains listed in the specification</li> </ul>
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27	Need_Identified	Char	1	Whether or not a need was identified ("Y","N","D","S")	Required	Adopting the Gravity Project approved LOINC Codes which identify which codes identify which codes correspond to a positive need: <ul style="list-style-type: none"> <li>• information on Gravity project questions, answers, Domains and LOINC codes are located in the resources tab</li> </ul>
28	Intervention_Category	Char	125	Provide either one or many: <ul style="list-style-type: none"> <li>• Assistance</li> <li>• Assessment</li> <li>• Counseling</li> <li>• Coordination</li> <li>• Education</li> <li>• Evaluation of eligibility</li> <li>• Provision</li> <li>• Referral</li> <li>• None</li> </ul>	Required	Intervention Categories currently map to HEDIS SNSE Measures: <ul style="list-style-type: none"> <li>• additional information and links can be found in the resources tab</li> <li>• as gravity project care and data models continue to evolve there is the belief that this will evolve as well</li> <li>• screening location responsible for ensuring that intervention categories map exactly to terms included in the specification</li> </ul>
29	Intervention_Date	Char	10	Date of intervention <ul style="list-style-type: none"> <li>• format: MM/DD/YYYY</li> </ul>	Optional	<b>Required to comply with NCQA SNS-E measures</b>
30	Screening_Provider_NPI	Num	10		Optional	
31	Screening_Provider_First_Name	Char	125		Optional	
32	Screening_Provider_Last_Name	Char	125		Optional	

## Template\_v4.0

- All column headers have been condensed to 1 page for convenience

Source_Name	Source_OID	Row_ID	Screenee_Unique_ID	First_Name	Last_Name	SSN4	DOB	Sex
Race	Ethnicity	Address_1	Address_2	City	Postal_Code	State	Screen_Id	Screen_Date
Screening_Location_Name	Screening_Location_OID	Screening_Questions_Code (LOINC)						
Screening_Answers_Code (LOINC)	Intervention_Category	Intervention_Date	Screening_Provider_NPI					
Screening_Provider_Name	Screenee_Phone_Mobile	Screenee_Phone_Home	Common_Key					





## Resources

<b>CDC race data standards</b>	<a href="https://www.hl7.org/fhir/us/core/ValueSet-detailed- race.html">https://www.hl7.org/fhir/us/core/ValueSet-detailed- race.html</a>
<b>CDC ethnicity data standards</b>	<a href="https://www.hl7.org/fhir/us/core/ValueSet-detailed- ethnicity.html">https://www.hl7.org/fhir/us/core/ValueSet-detailed- ethnicity.html</a>
<b>Gravity crosswalk of tools/ questions/ answers and domains. For assistance in being about to start to use this please see the Gravity Guide Resource linked on the website.</b>	<a href="https://confluence.hl7.org/display/GRAV/Social+Risk+Terminology+Value+Sets">https://confluence.hl7.org/display/GRAV/Social+Risk+Terminology+Value+Sets</a>
<b>HEDIS SNSE information: Full requirements cannot be shared without direct purchase of measure information.</b>	<a href="https://www.ncqa.org/blog/social-need-new-hedis-measure-uses-electronic-data-to-look-at-screening-intervention/#:~:text=interventions%20fall%20into%20eight%20categories%3A%201%20Assessment.%202,6%20Evaluation%20of%20eligibility.%207%20Provision.%208%20Referral.">https://www.ncqa.org/blog/social-need-new-hedis-measure-uses-electronic-data-to-look-at-screening-intervention/#:~:text=interventions%20fall%20into%20eight%20categories%3A%201%20Assessment.%202,6%20Evaluation%20of%20eligibility.%207%20Provision.%208%20Referral.</a>