

**Ready for Kindergarten Online:**  
**Kindergarten Readiness Assessment (KRA) Guidelines for District Data Managers in MICHIGAN**  
**NEW for 2019**

### Data Entry and Update Methods

The system will support three methods of data entry: 1) Bulk upload using CSV files, 2) Manual data entry, and 3) Using an app to automate the data upload. The KRA testing administration window begins the first day of school through November 1<sup>st</sup>. Teachers will not be able to access the system and enter KRA scores until data is loaded into the system as described below. During the KRA window, your District's Student Information System (SIS) will likely be updated with new teachers, students, and enrollment information. For that reason, data should be kept up-to-date through additional bulk loading, manual loading/editing, or automation to ensure the data is up-to-date in the Ready for Kindergarten Online system.

### Required Data for KRA Administration

1. **TEACHER Data** (*teachers.csv*): To create and update user accounts for teachers or users in the system.
2. **STUDENT Data** (*students.csv*): To populate the system with Kindergarten students.
3. **ENROLLMENT Data** (*enrollments.csv*): To match teachers to students in the system.

### Bulk Loading Data Files

When a user with the *Data Manager* role accesses the Ready for Kindergarten Online system, he/she will see a menu option for '**Administration**'. Clicking the 'Administration' link will allow data managers to access the bulk loader. The layout for each of the three CSV data files appears below, and downloadable templates for each file type are available at: <http://dataguidelines.kready.org> as well as within the system.

- When a file is loaded, the system will validate the file and provide feedback if any records are rejected (i.e. duplicate ID's, missing data in required fields, incorrect data format, etc.). *It is important to note that no validation process is perfect and that each district is responsible for providing clean and accurate data.*
- Teacher, Student and Enrollment data should be updated often during the KRA administration window to ensure that:
  - Newly enrolled students appear in a teacher's class list;
  - Students who change classes appear in the correct teacher's list;
  - Students who leave your district are released for another district to add;
  - Accounts are created for teachers who may join the district after the first day of school.

### Bulk CSV Files: General Information

The system will accept properly prepared CSV files. In addition to adhering to the layout provided at the end of this document, each CSV file must comply with these formatting rules:

1. **You must provide a header line**- The first line of each file is the header line. The header line is automatically skipped by the bulk file process. Failing to provide a header line will result in your first data record being skipped. The template files provided already have the required headers. Please do not change the headers. The headers should be in all lowercase.
2. **Each record is on a single line.**
3. **Lines must end with either a Windows style (CRLF) carriage return or a Linux style (LF) carriage return.** Files using older Mac line endings (CR) may not load properly.

4. **Fields are separated with commas.**

*Example:* John,Doe,120 Main St.,"Anytown, WW",08123

5. **Leading and trailing space-characters adjacent to comma field separators are ignored and will be automatically trimmed.**

(For example: John , Doe ,... resolves to "John" and "Doe", etc. Space characters can be spaces, or tabs.

6. **Fields with embedded commas must be encapsulated with double-quote characters.**

In the above example. "Anytown, WW" had to be delimited in double quotes because it had an embedded comma.

7. **Fields that contain double quote characters must be surrounded by double-quotes, and the embedded double-quotes must each be represented by a pair of consecutive double quotes.**

So, John "Da Man" Doe would convert to "John ""Da Man""",Doe, 120 Main St.,...

8. **You may also choose to encapsulate fields with double-quotes**

### **Leading Zeroes, Microsoft Excel Formatting, and Quality checking**

You may choose to use Excel to create the CSV files. Please be aware that Excel can corrupt the values of your data if you are not careful. A District ID of 01234 may change to 1234. You must prevent this from happening. We recommend spot checking your files with a tool, such as notepad++, which is free and can allow you to see things like line-endings and has other features to allow you to manipulate your files, if you discover a problem. <http://notepad-plus-plus.org/>. In addition, formatting your Excel column with the correct data type and length can help ensure that leading zeros are maintained when the file is saved as a CSV. Checking the file in a text-editor like Notepad is the best method to ensure leading zeros are not dropped by Excel.

## File Layouts: TEACHER, STUDENT, and ENROLLMENT files

**Please Note:**

1 - *teachers.csv*: All fields are required for a record to be accepted.

2 - *students.csv*: Fields marked 'No' for Required to Administer KRA may be required by the end of the administration window for reporting (see last column).

3 - *enrollments.csv*: Fields marked 'No' for Required to Administer KRA may be required by the end of the administration window for reporting (see last column).

| File 1: teachers.csv – All fields are required for a record to be accepted. |  |                            |
|---|--|----------------------------|
| Field   | Values   | Required to Administer KRA |
| district_id   | Five-Digit District Code                           | Yes                        |
| teacher_id  | Local District Teacher ID                          | Yes                        |
| school_id   | School ID Number<br>Valid Five-Digit School Number | Yes                        |
| email   | Teacher Email<br>A valid email address             | Yes                        |
| teacher_first_name  | Teacher First Name<br>Alpha.<br><br>No Punctuation | Yes                        |
| teacher_last_name   | Teacher Last Name<br>Alpha.<br><br>No Punctuation  | Yes                        |

| File 2: students.csv – Records with data missing in fields marked ‘No’ in Required to Administer KRA column will be accepted. Your state, however, may still require the data in those fields to be submitted by the end of the administration window for reporting purposes (see Required for Reporting column). |   |                            |                                       |
|---|---|----------------------------|---------------------------------------|
| Field   | Values  | Required to Administer KRA | Required for Reporting                |
| district_id   | Five-Digit District Code  | Yes                        | Yes                                   |
| district_student_id   | Local assigned student number   | No                         | No                                    |
| state_student_id  | SASID – State Assigned Student ID<br>Unique Statewide Identifier, Assigned by the Michigan Department of Education                        | Yes                        | Yes                                   |
| school_id   | School ID Number<br>Valid Five-Digit School Number  | Yes                        | Yes                                   |
| student_first_name  | Student First Name<br>Alpha. This is the first name as it appears on the student’s birth certificate.<br><b>Do not Include Prefixes</b>   | Yes                        | Yes                                   |
| student_middle_name   | Student Middle Name<br>Alpha. This is the middle name as it appears on the student’s birth certificate.                                   | No                         | Yes, if the student has a middle name |
| student_last_name   | Student Last Name<br><br>Alpha. This is the last name as it appears on the student’s birth certificate.<br><b>Do not Include Suffixes</b> | Yes                        | Yes                                   |
| dob   | Student Date of Birth<br>(MM/DD/YYYY)   | Yes                        | Yes                                   |

|                      |   |           |            |
|----------------------|---|-----------|------------|
| <p>race7</p>         | <p>MI CEPI Ethnicity<br/>                 A unique 6 position field using any combination of 0 through 6 in the proper position.<br/>                 100000 – American Indian or Alaska Native<br/>                 010000 – Asian<br/>                 001000 – Black or African American<br/>                 000100 – Native Hawaiian or Other Pacific Islander<br/>                 000010 – White<br/>                 000001 – Hispanic or Latino</p> <p>Districts can identify students with a 1 for the primary racial/ethnic choice, a 2 for the second choice, a 3 for the third choice, etc., however most school districts do not ask parents to number the choices, they simply ask them to select all races that apply.</p> <p>Sample of student reported as Asian and Hispanic/Latino = 010001<br/>                 Sample of student reported as Asian, Black and Hispanic with Asian being primary = 012001</p> | <p>No</p> | <p>Yes</p> |
| <p>gender</p>        | <p>Gender<br/>                 Valid values are: F = female, M = male</p>   | <p>No</p> | <p>Yes</p> |
| <p>pc_GSRP</p>       | <p>Prior Care – Great Start Readiness Program (GSRP)<br/>                 Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value in at least 1 prior care field and can have up to 3 ‘Yes’ values in 3 of the 9 prior care fields. All 9 prior care fields need a ‘Yes’ or ‘No’ value in each field.</p>   | <p>No</p> | <p>Yes</p> |
| <p>pc_head_start</p> | <p>Prior Care – Head Start<br/>                 Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value in at least 1 prior care field and can have up to 3 ‘Yes’ values in 3 of the 9 prior care fields. All 9 prior care fields need a ‘Yes’ or ‘No’ value in each field.</p>   | <p>No</p> | <p>Yes</p> |

|   |  |           |            |
|---|--|-----------|------------|
| <p>pc_ECSE</p>                            | <p>Prior Care – Early Childhood Special Education Classroom (ECSE)<br/>Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value in at least 1 prior care field and can have up to 3 ‘Yes’ values in 3 of the 9 prior care fields. All 9 prior care fields need a ‘Yes’ or ‘No’ value in each field.</p> | <p>No</p> | <p>Yes</p> |
| <p>pc_young_fives</p>                     | <p>Prior Care – Young Fives/Developmental Kindergarten<br/>Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value in at least 1 prior care field and can have up to 3 ‘Yes’ values in 3 of the 9 prior care fields. All 9 prior care fields need a ‘Yes’ or ‘No’ value in each field.</p>             | <p>No</p> | <p>Yes</p> |
| <p>pc_cc_home</p>                         | <p>Prior Care – Child Care - home based<br/>Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value in at least 1 prior care field and can have up to 3 ‘Yes’ values in 3 of the 9 prior care fields. All 9 prior care fields need a ‘Yes’ or ‘No’ value in each field.</p>                            | <p>No</p> | <p>Yes</p> |
| <p>pc_cc_center</p>                       | <p>Prior Care – Child Care – Center<br/>Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value in at least 1 prior care field and can have up to 3 ‘Yes’ values in 3 of the 9 prior care fields. All 9 prior care fields need a ‘Yes’ or ‘No’ value in each field.</p>                                | <p>No</p> | <p>Yes</p> |
| <p>pc_registered_family_relative_care</p> | <p>Prior Care – Registered Family/Relative Care<br/>Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a ‘Yes’ value</p>  | <p>No</p> | <p>Yes</p> |

|                      |  |    |     |
|----------------------|--|----|-----|
|                      | in at least 1 prior care field and can have up to 3 'Yes' values in 3 of the 9 prior care fields. All 9 prior care fields need a 'Yes' or 'No' value in each field.  |    |     |
| pc_tuition_preschool | <p>Prior Care – Tuition-Based Preschool<br/>Valid values are: Y = Yes, N = No</p> <p>For the 9 prior care fields, every student must have a 'Yes' value in at least 1 prior care field and can have up to 3 'Yes' values in 3 of the 9 prior care fields. All 9 prior care fields need a 'Yes' or 'No' value in each field.</p>  | No | Yes |
| no_pc                | <p>No Prior Care/Program<br/>Valid values are: Y = Yes, N = No</p> <p>If the child was cared for at home and not participating in any educational, licensed, or subsidized care program, please enter a 'Y' in the No Prior Care/Program field.</p> <p>*If there is a 'Y' (Yes) in the No Prior Care/Program field, then no other prior care options should be selected.</p> <p>For the 9 prior care fields, every student must have a 'Yes' value in at least 1 prior care field and can have up to 3 'Yes' values in 3 of the 9 prior care fields. All 9 prior care fields need a 'Yes' or 'No' value in each field.</p> | No | Yes |
| lep                  | <p>IEP<br/>Valid values are: Y = Yes, N = No</p> <p>This must be set to Y if a disability_code is provided in the next field</p>   | No | Yes |
| disability_code      | <p>01 = Cognitive Impairment<br/>02 = Hearing Impairment<br/>04 = Speech or Language Impairment</p>  | No | Yes |

|                             |   |    |     |
|-----------------------------|---|----|-----|
|                             | 05 = Visual Impairment<br>06 = Emotional Impairment<br>07 = Physical Impairment<br>08 = Other Health Impairment<br>09 = Specific Learning Disability<br>14 = Autism Spectrum Disorder<br>15 = Early Childhood Developmental Delay |    |     |
| low_ses                     | FARMS<br>Valid values are: Y = Yes, N = No  | No | Yes |
| ell_lep                     | English Learner<br>Valid values are: Y = Yes, N = No  | No | Yes |
| kindergarten classroom type | 01= Regular Kindergarten Classroom<br>02= Developmental Kindergarten/Young 5's  | No | Yes |

**File 3: enrollments.csv – Records with data missing in fields marked ‘No’ in Required to Administer KRA column will be accepted. Your state, however, may still require the data in those fields to be submitted by the end of the administration window for reporting purposes (see Required for Reporting column).**

| Field                 | Values  | Required to Administer KRA | Required for Reporting |
|-----------------------|---|----------------------------|------------------------|
| data_collection_token | This value will change for each administration. The token ID will be provided during training and is also posted within the system. | Yes                        | Yes                    |
| district_id           | Five-Digit District Code  | Yes                        | Yes                    |
| district_student_id   | Local assigned student number   | No                         | No                     |
| state_student_id      | SASID – State Assigned Student ID<br>Unique Statewide Identifier, Assigned by the Michigan  | Yes                        | Yes                    |



|                    |  |     |     |
|--------------------|--|-----|-----|
|                    | Department of Education  |     |     |
| school_id          | School ID Number<br>Valid Five-Digit School Number   | Yes | Yes |
| student_first_name | Student First Name<br>Alpha. This is the first name that will be used when reporting student assessment results.<br><br><b>Do not Include Prefixes</b>   | Yes | Yes |
| student_last_name  | Student Last Name<br><br>Alpha. This is the last name that will be used when reporting student assessment results.<br><br><b>Do not Include Suffixes</b> | Yes | Yes |
| dob                | Student Date of Birth<br>(MM/DD/YYYY)  | Yes | Yes |
| teacher_id         | Local District Teacher ID  | Yes | Yes |
| teacher_first_name | Teacher First Name<br>Alpha. This is the first name that will be used when reporting Teacher name on assessment results.<br><br>No Punctuation           | Yes | Yes |
| teacher_last_name  | Teacher Last Name<br>Alpha. This is the last name that will be used when reporting Teacher name on assessment results.<br><br>No Punctuation             | Yes | Yes |

Updated guidelines, directions, and other support materials for data managers will be maintained at:

<http://dataguidelines.kready.org>