**Document revision history**

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| --- | --- |
| **Date** | **Changes** |
| 2020-11-10 | First draft. Establish basic structure of Excel files to be generated for each state. |
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# State standards report automation

## Input files specifications

This document details the specifications and expectations for the input files to be used when automatically generating state standards reports. Strict adherence to these specifications is necessary to ensure that the developed automation code will perform as expected.

### Basic Data Organization

For each state, a folder named after the state’s abbreviation will be created. Within the folder an Excel file will be created for each grade band. The Excel files will be named using the structure ‘XX\_Y\_Z.xlsx’, where XX is the state abbreviation, Y is the lower bound, and Z is the upper bound of the grade band. For example, if the state of Kentucky has two grade bands, Kindergarten through 5th grade, and 6th through 12th, a folder named ‘KY’ will have two files: ‘KY\_K\_5.xlsx’, and ‘KY\_6\_12.xlsx’.

Each file will have one sheet for each domain in that grade band. The sheets will be named using one the values in Table 1.

|  |  |  |
| --- | --- | --- |
| **ESS** | **LS** | **???** |
| ESS1 | LS? | ??? |
| ESS2 |  |  |
| ESS3 |  |  |

Table 1: Admissible values for the sheets’ names and ‘Domain’ column.

### Spreadsheet Organization

Every sheet will have the same structure. Nine columns as per Table 2. In cases in which more than one statement is needed for the same statement, each statement will be separated by a single new line inside the cell.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Level** | **Domain** | **Number** | **PE** | **CS** | **AB** | **SEP** | **DCI** | **CCC** |

Table 2: Column structure for all sheets in the workbooks.