Aeries is prepared to support the new state mandated Race & Ethnicity changes that are required for the 2009-2010 calendar year. The new Ethnicity Y/N field and new Race fields have already been added to the Student Data form.

Due to specific requirements data must be converted from the old Ethnicity fields into the new Ethnicity flag and Race fields. For example, the CAHSEE and CELDT Pre-ID now require the new Ethnicity and Race fields to be loaded into the Pre-ID files for all students. Both of the Aeries Pre-ID programs have been modified to convert this data in only the Pre-ID tables to support the new file layout but will not convert any data within the Student Data (STU) table.

Therefore it is highly suggested that Districts consider converting the old Ethnicity fields into the new Ethnicity flag and Race fields. A new Macro is now available that will convert the old Ethnicity field codes over to the new Ethnicity and Race fields for both the Student (STU) records and the Staff (STF) records. It is highly suggested that you review the following conversion process prior to running the new macro.

The Populate New Race and Ethnicity Fields macro will first display a selection box to allow you to select either Student or Staff records to be updated. The macro will then verify that there are no values in the Ethnicity (ETH) and Race (RC1) fields for each Student or Staff record being processed.

If these fields are blank and any of the old EC fields contain a code the program will check ALL old Ethnicity (EC-EC6) fields for a Hispanic or Latino (500) ethnicity code in any of these fields. If Code 500 is located the new Ethnicity (ETH) field will be flagged with a Y. If there are any additional Ethnicity fields they will be updated into the new Race fields.

Please take note that if there is only a code 500 in the old Ethnicity fields and the remaining Ethnicity fields are blank the new Ethnicity (ETH) field will be flagged with a Y but the new Race fields will contain a blank.

If no Code 500 is located the Ethnicity (ETH) field will be flagged with an N and only the first 5 Ethnicity codes (EC-EC5) will be saved in the new Race (RC1-RC5) fields. If there is any value in the EC6 field the code will not be converted. All data in the old Ethnicity fields (EC-EC6) will not be affected and will contain the same values.

The Student Data Audit Report has also been modified to allow you to validate data that is stored in the old Ethnicity (EC-EC6) fields and to also validate the new Ethnicity flag and Race fields. This report can be generated prior to creating any Pre-ID files to verify data. It also has the option to only verify the old Ethnicity (EC-EC6) fields and the Ethnicity flag and Race fields. It is highly suggested that this report be generated prior to using the new Macro to convert the old Ethnicity field to the new Ethnicity and Race fields.

NOTE: It is highly suggested that you backup your database prior to running this macro.
**Student Data Audit Report**

The **Student Data Audit** report should be generated prior to creating ALL Pre-ID files or prior to converting the old **Ethnicity** fields over to the new **Ethnicity** and **Race** fields. The **Pre-ID Data Audit** will validate common data that gets loaded into the Pre-ID files. The data can then be corrected prior to the Pre-ID files being created.

![Pre-ID Data Audit Setup](image)

The new validation for **Ethnicity – ETH and RC1-RC5 (STU)** that is listed in the drop down will validate the new **Ethnicity** and **Race** fields for the proper values for CALPADS. It will also verify the **EC-EC6** fields for any codes that contain **999** which is now an invalid Ethnicity code in CALPADS.

![Select Validation](image)
When this report is generated it can be sorted by **Student Name** and will list **ALL** errors for each student or it can be sorted by the **Errors**. The following is an example of the some of the Ethnicity errors that this report will generate.

<table>
<thead>
<tr>
<th>Stu #</th>
<th>Perm ID</th>
<th>Student Name</th>
<th>Grade Field</th>
<th>Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>047300</td>
<td>00667424302</td>
<td>Acero, Kyle P</td>
<td>10</td>
<td>STU.ETH = blank, STU.RC1 = 201. Hispanic/Latino Ethnicity indicator is blank, but Race field has data.</td>
</tr>
<tr>
<td>043158</td>
<td>00123292143</td>
<td>Acero, Michael Angel</td>
<td>12</td>
<td>STU.ETH = blank. Hispanic/Latino Ethnicity indicator is blank.</td>
</tr>
<tr>
<td>045767</td>
<td>00127030430</td>
<td>Aguilar, Michelle C</td>
<td>12</td>
<td>STU.ETH = Y. Hispanic/Latino Ethnicity indicator is set, but Race field is empty.</td>
</tr>
<tr>
<td>043388</td>
<td>001221144</td>
<td>Alcorn, John G</td>
<td>11</td>
<td>STU.ETH = N. Hispanic/Latino Ethnicity indicator is set, but Race field is empty.</td>
</tr>
<tr>
<td>048402</td>
<td>0012336805</td>
<td>Almazan, Antonette Raelen</td>
<td>9</td>
<td>STU.ETH = 999. Code '999' is invalid in CALPADS.</td>
</tr>
<tr>
<td>048403</td>
<td>0012332152</td>
<td>Almazan, Lawrence Anthony</td>
<td>11</td>
<td>STU.ETH = 999. Race code in STU.RC1 is invalid or not in COD.</td>
</tr>
</tbody>
</table>

The option is also available to print a **Summary** of all errors located on the report along with the number of students that have this error. The following are the descriptions for some of the Ethnicity errors.

**SUMMARY:**
- Code '999' is invalid in CALPADS.
- Hispanic/Latino Ethnicity indicator is blank, but Race field has data.
- Hispanic/Latino Ethnicity indicator is blank.
- Hispanic/Latino Ethnicity indicator is set, but Race field is empty.
- Race code in STU.RC1 is invalid or not in COD.
- Race code in STU.RC2 is invalid or not in COD.

### Populate New Race and Ethnicity Fields

The **Populate New Race and Ethnicity Fields** macro is utilized to convert the old **Ethnicity** (EC-EC6) fields over to the new **Ethnicity** (ETH) and **Race** (RC-RC5) fields for either **Student** or **Staff** records. To generate the macro double click the mouse on the **Populate New Race and Ethnicity Fields** from the **View All Macros** form.

**NOTE:** In Aeries XP each school must update their student and staff records. This Macro is also available at the District to only update the staff records.

*Aeries Client Server has the capability to have each school run this macro or it can be run in AdminCS and will update all students or staff records.*
If this macro is being generated against any database prior to 2009-2010 the following message will display. To continue click the mouse on Yes. To cancel the macro, click the mouse on No.

The option will display to update the Students (STU) or Staff (STF) table. Select the table to be converted and click the mouse on the OK button.

If there are any records that ONLY contain an Ethnicity code of 500 and all other Ethnicity fields are blank the following message will display. Click the mouse on the OK button.

If there are any Invalid Race codes of 999 located in the Ethnicity (EC-EC6) fields the following message will display.
Click the mouse on the **Yes** button. A report will be generated with a list of the students or staff that has an Invalid Race code of 999 located in the **Ethnicity (EC-EC6)** fields. The macro will also cancel and the records will not be updated. Clicking the mouse on the **No** button will continue the macro and no listing will be displayed.

If records are located that do not have data stored within any of the **Ethnicity (EC-EC6)** fields the records will be skipped and the following message will display.

When the macro has finished updating the new **Ethnicity** and **Race** fields the following message will display. Totals will be generated for records updated, records not updated due to **ETH** or **RC1** already containing data prior to the conversion process, all records with the Ethnicity fields blank, records with **ETH = Y** but **RC1** is blank and **Race (RC1-RC5)** fields now containing code **999**.
The following are examples of how the old Ethnicity was converted over to the new Ethnicity and Race fields.

This record had **EC = 500** and no other Ethnicity field contained data. When it converted the data it flagged the **Ethnicity (ETH)** field with a **Y** and all **Race** fields are blank.

![Ethnic Codes](image1)

This record had **EC = 700** and **EC2 = 500** and no other Ethnicity fields contained data. When it converted the data it searched all **EC** fields for code **500** and flagged the **Ethnicity (ETH)** field with a **Y**. The **RC1** field now contains the **700** code.

![Ethnic Codes](image2)

This record had **EC = 700** and no other Ethnicity codes contained data. When it converted the data it searched all **EC** fields for code **500**. Since there was no code **500** it flagged the **Ethnicity (ETH)** field with a **N**. The **RC1** field now contains the **700** code.

![Ethnic Codes](image3)
This record has codes in **ALL** of the **EC** fields. When it converted the data it searched all **EC** fields for code 500. Since there was code 500 in the **EC2** field it flagged the **Ethnicity** (**ETH**) field with a **Y**. The remaining **EC** fields were converted over to the **RC** fields.

![Ethnic Codes](image1)

This record has codes in **ALL** of the **EC** fields. When it converted the data it searched all **EC** fields for code 500. Since there was no code 500 in any **EC** fields it flagged the **Ethnicity** (**ETH**) field with an **N** leaving 5 **RC** fields. The remaining **EC** fields were converted over to the **RC** fields except for **EC6**.

![Ethnic Codes](image2)