

TIMS 1.20 Data Management

I. Race Modifications

TIMS Client and RVCT database fields were reconfigured to accommodate the change in race for the RVCT required by OMB Statistical Policy Directive No. 15, Race and Ethnic Standards for Federal Statistics and Administrative reporting. As part of the database update of TIMS from version 1.1 to version 1.2, the Race field will be converted into a new structure required to implement the revised RVCT.

Version 1.1:

Variable: **Race**. Select only one.

1=White

2=Black

3=American Indian/Alaskan Native

4=Asian/Pacific Islander

9=Unknown

Other associated variable:

Asianrace (alpha code that reflects specific type of Asian race)

Version 1.2:

Six variables to replace **Race**. Select all that apply—selected = 1
and not selected = 0

Variable **Amind** (American Indian or Alaska Native)

Variable **Asian** (Asian)

Variable **Black** (Black or African American)

Variable **Nahaw** (Native Hawaiian or Pacific Islander)

Variable **White** (White)

Variable **Unkrace** (Unknown)

Other associated variables:

Asianext (HL7 code that further specifies the Asian race category),

Nahawext (HL7 code that further specifies the Native Hawaiian or
Other Pacific Islander race category)

Racecalc (calculated race variable)

1= American Indian or Alaska Native only

2= Asian only

3= Black or African American only

4= Native Hawaiian or Pacific Islander only

5= White only

8= Multiple races

9= Unknown

The database update will convert 1.1 existing data in the Race field by determining the appropriate race category. Note that the **Asian and Pacific Islander** race category is split for 1.2. When the conversion algorithm encounters a 4 in the Race field, it will use **Asianrace** (extended Asian and Pacific Islander selection) or **Nation** (country of origin) to help determine the appropriate race category, **Asian** or **Native Hawaiian or Other Pacific Islander**. If the conversion cannot determine the appropriate category, then Race will be converted to UNKNOWN. All historical data will maintain the current values at the time of upgrade in Race and Asianrace. However, all future data entered will only update the new fields.

Details on the 1.2 race specifications are available on the TB Web Board <http://web-tb.forum.cdc.gov/> in Dr. Moore's posting on September 9, 2002, RVCT Revision for Race and Ethnicity: Update (Attachment 3: Field Values and Data Storage; Attachment 4: Conversion).

II. TIMS 1.2 Audit Reports

1. Unknown Race Before Ad Hoc Query

This Ad Hoc Query report is a before snapshot of the TIMS race data from the RVCT table. The fields displayed are **stcaseno**, **locaseno**, and **race**.

2. Unknown Race After Ad Hoc Query

This Ad Hoc Query report is an after snapshot of the TIMS race data from the RVCT table. The fields displayed are **stcaseno**, **locaseno**, **race**, **asianrace**, **nation**, **unkrace**, **amind**, **asian**, **asianext**, **black**, **nahaw**, **nahawext**, **white**, and **racecalc**.

3. Race Ethnicity Frequency Report (Before)

This Frequency report is a before snapshot of the TIMS race and ethnicity data from the RVCT table. The report displays the data frequency of **race** vs. **ethnic** fields. **No action is required on the part of the user** This audit report is provided for your information only, and can be saved for future reference.

4. Surveillance Demographics Report (After)

This Demographics report is an after summary of demographics information from the TIMS database. This report can be used to compare race and ethnicity data with the Race Ethnicity Frequency Report (Before). **No action is required on the part of the user.** This audit report is provided for your information only, and can be saved for future reference.

III. Post Installation Actions

1. Use the *Unknown Race Before Ad Hoc Query* and the *Unknown Race After Ad Hoc Query* to identify records that were assigned a race designation of **Unknown** during the 1.2 conversion. The unknown record total from the *Unknown Race After Ad Hoc Query* will likely be greater than *Unknown Race Before Ad Hoc Query*. The difference of these two reports should be the number of the records that shifted from **Asian and Pacific Islander** (4) to **Unknown** (9) because insufficient information was available for the conversion algorithm to assign the correct race designation. CDC recommends that these cases be reviewed to determine whether the race designation can be restored

2. Modify all Ad Hoc Queries and Frequency Reports saved in TIMS version 1.1 that use the now defunct race fields, **Race**, **Asianrace**, and **Raceethnic**.
 - a. Modify queries that use **Race** to now use either the six new variables, **Amind**, **Asian**, **Black**, **Nahaw**, **White**, and **Unkrace** or the new variable **Racecalc**.
 - b. Modify queries that use **Asianrace** to use **Asianext** and **Nahawext**.
 - c. Modify queries that use **Raceethnic** to use **Racecalc** and **Ethnic**.

Please call the TIMS Helpdesk if you need assistance with either of the above tasks.

TIMS Helpdesk (770)234-6500 or timshelp@cdc.gov

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