



North Carolina Department of Health and Human Services Division of Social Services

Economic Independence Section • 325 North Salisbury Street
2415 Mail Service Center • Raleigh, North Carolina 27699-2415
Courier # 56-20-25

Beverly Eaves Perdue, Governor
Lanier M. Cansler, Secretary

Sherry S. Bradsher, Director
(919) 733-3055

October 5, 2009

Dear County Director of Social Services

ATTENTION: Child Welfare Program Administrators and Supervisors
Work First Program Administrators and Supervisors
Food and Nutrition Services Administrators and Supervisors
Adult Services Program Managers and Supervisors

SUBJECT: Services Information System (SIS) ID Number Combine/Merge Process

Currently, the Services Information System (SIS) Client ID number is assigned by the county DSS from lists provided by the Division, and is unique to that county. If the individual moves to another county, another SIS ID number is assigned. This causes multiple ID numbers for the same individual. On occasion, multiple IDs have been assigned to the same individual within the same county as a result of failure to follow policy instructions or failure to conduct an adequate Name Search in SIS prior to assigning an ID. In preparing for the statewide unique identifier implementation, workers must be able to combine or merge multiple SIS ID numbers that belong to the same person. Our goal is to implement the combine/merge process of multiple ID numbers by April 1, 2010.

If your county has an automated system and your system contains SIS IDs, the SIS ID merge project would most likely impact your system. Attached is the SIS Unique ID Project – Merging SIS IDs Interface Document which summarizes the project and outlines how the project may impact you. If your system reads or interfaces with SIS tables residing on the state mainframe, options are provided as to what you may do to support this change. If your system inputs/maintains SIS Client IDs by other means (such as through use of downloads from SIS tables in the Client Services Data Warehouse), additional documentation of options will be provided at a later time.

If your system is impacted, please respond to Belinda.Autry@dhhs.nc.gov by November 1, 2009, as to whether or not you will be able to have your system ready for these changes by April 1, 2010.

Sincerely,

A handwritten signature in cursive script that reads "Hank Bowers".

Hank Bowers, Chief
Performance Management/
Reporting & Evaluation Mgmt

PM-REM-13-2009

SIS UNIQUE ID PROJECT - MERGING SIS ID'S INTERFACE DOCUMENT

PROJECT SUMMARY

We are currently developing an online process to merge SIS ID's for individuals who have more than one SIS ID. After a merge takes place, an individual with multiple SIS ID's will have the data for these SIS id's merged into one SIS id(target id) and the old id(source id) will no longer exist as the clients key in SIS, CPPS, Central Registry or the Adult Protective Services Register. This will impact systems that use SIS ID to access data in SIS or other systems that use SIS ID as their key, and also systems that retain the SIS ID in their databases for documentation purposes.

TABLES AFFECTED

If your system uses SIS ID or reads one of the following DB2 tables, you will be impacted:

SYA0011t
SYA0012t

PQA0012t
PQA0013t
PQA0014t
PQA0015t
PQA0019t
PQA0112t
PQA0119t
PQA001At

CYA0021t
CYA0091t

SYA0211t

HOW TABLES ARE AFFECTED

The merged id(target id) will reside in the existing SIS ID column. Those tables that allow for more than one row to have the same SIS ID will also contain a new 'old id' column. This column will contain the 'old SIS ID'. Those tables that do not allow duplicate SIS ID's will now have a new 'history' table, which will have the same layout as the 'regular' table, plus an additional 'Target ID' column that will contain the SIS ID the row was merged into. The SIS ID column will contain the Source ID for all the merged rows. Those tables where we create a history counterpart will no longer contain any source id data. That data will reside in the history table.

Tables that will have an 'old id' column added:

SYA0012t
PQA0012t
PQA0014t
PQA0015t
PQA0019t
PQA0119t
PQA001At
CYA0021t
CYA0091t
SYA0211t

Tables that will have History tables:

SYA0011t – history table name is SYAH011t
PQA0112t– history table name is PQA0112t
PQA0013t– history table name is PQA0013t

MERGED ID DB2 TABLE

A new 'Merged ID' DB2 table will be created as SYA0041t. The layout is as follows:

SMTARGETID	CHAR(11)
SMSOURCEID	CHAR(11)
SMUPRACFID	CHAR(8)
SMCREATETIME	TIMESTAMP

This table will contain a row for every source SIS ID that is merged and is updated real time for each merge. You can use this table to update the SIS ID's in your table, that have been merged, to the current value.

OPTIONS INTERFACES HAVE FOR ACCESSING MERGED SIS ID'S

- SIS ID column is still the key.
- 'OLD ID' column contains the clients old SIS ID prior to the merge.
- **DO NOTHING APPROACH:**
The current DB2 selects will still work, but if the SIS ID used in the select is a source id that has been merged, then the SIS ID will not be found as it has been changed to a new value(target id).
- **READ OLD ID APPROACH(for tables that have old id)**
Only applies for the following DB2 tables:
SYA0012t, SYA0211t, PQA0012t, PQA0014t, PQA0015t, PQA0019t, PQA0119t, PQA001At,
CYA0021t, CYA0091t.
Select by SIS ID column first, if not found then select by new column called 'old id'. If found then you have your data. This approach will not work for tables that have a history table counterpart.
- **DEVELOP BATCH MERGE(recommended)**
On a regular basis(daily recommended), read all the rows on the new SIS merged ID table(SYA0041t) that were created that day(by SMCREATETIME). If any of those Source ID's are in your system, you will need to change them in your DB2 table to the new Target ID. We have several Cobol programs that do this for our systems that could be cloned and modified to meet your needs.