

## SAS Tip for WISUG, Nov 15, 2007

### Misty Johnson

#### SAS Code Narrative

- Set macro var at top of program: Year, Agency Number, Agency Name
- Code produces report for the Agency you specified through use of the macro variable.
- Use a DATA=\_NULL\_ and \_N\_=1 to pull the name of the agency off the top line of the report. Store this in a macro variable named “Agency Name”.
- Use another DATA=\_NULL\_ data step to use this macro variable. Verify that the agency name read from the top line of the report is in fact what you declared at the top of the program. Example: if I forgot to change the agency number, and *thought* I was running the program for another agency, this code would alert me to my mistake. Put answer (Yes it matches or No it doesn’t match) into a macro variable named “Answer”.
- Use this last macro variable, “Answer”, to allow you to print the output report to Excel. If the macro variable “Answer” is “Yes”, it will print to Excel.

#### Report Excerpt

Agency	Agency Code	Episode Key	Client Number	Client Name	Unit Cost
MILWAUKEE CO COMM SERV BOARD	204000	R9685859	N9927294205410	WAYNE, JOHN	\$773.94
MILWAUKEE CO COMM SERV BOARD	204000	T0012129	J99500232054010	CLINE, PATSY	\$506.32
MILWAUKEE CO COMM SERV BOARD	204000	H4658859	W9926063282950	JONES, GEORGE	\$56.31
MILWAUKEE CO COMM SERV BOARD	204000	W0097485	M9926094825410	CARTER, MAYBELLE	\$45.56

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>ENTER DATA YEAR HERE>>>>; %LET YEAR=2007; \*

>ENTER AGENCY NUMBER HERE>>; %LET C\_AGENCY=204000; \*

>ENTER AGENCY NAME HERE>>>>; %LET AGENAME=Milwaukee; \*

\*+++++

\* <<<<<<< PROGRAM CODE >>>>>>>>>

\*+++++

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\*\*\*\*\* TO PROTECT AGAINST AN ACCIDENTAL HIPAA DISCLOSURE, \*\*\*\*\*

\*\*\*\*\* USE THIS CUTE LITTLE CONDITIONAL LOGIC CODE TO CHECK \*\*\*\*\*

\*\*\*\*\* AND SEE IF YOUR FILE HAS RECORDS FROM THE AGENCY YOU \*\*\*\*\*

\*\*\*\*\* THINK IT DOES. IF THE AGENCY NAME AND NUMBER YOU \*\*\*\*\*

\*\*\*\*\* ENTERED AT THE START DO NOT MATCH, THE REPORT WILL NOT \*\*\*\*\*

\*\*\*\*\* PRINT. IF IT DOES MATCH, IT WILL PRINT. \*\*\*\*\*

\*\*\*\*\*;

\*GRAB AGENCY NAME FROM TOP LINE OF REPORT;

DATA \_NULL\_;

SET REPORT\_OUT;

IF \_N\_=1 THEN CALL SYMPUT('AGENCYNAME',PUT(AGENCY,\$25.));

RUN;

DATA \_NULL\_;

SET REPORT\_OUT;

IF (LOWCASE(SCAN("&AGENAME",1)))=(LOWCASE(SCAN("&AGENCYNAME",1)))

THEN CALL SYMPUT('ANSWER',PUT("YES", \$5.));

ELSE CALL SYMPUT('ANSWER',PUT("NO", \$5.));

RUN;

%MACRO PRINT\_L300;

%IF &ANSWER=YES %THEN

%DO;

PROC DBLOAD DBMS=EXCEL DATA=REPORT\_OUT;

PATH=&PATH1; PUTNAMES=YES; LIMIT=0; label; reset all; LOAD; RUN;

%END;

RUN;

%MEND PRINT\_L300;

\*INVOKE MACRO;

%PRINT\_L300;

RUN;