

# Cases to Variables: Demo 061F

## Generated Variables

Original Variable		Result	
		Name	Label
Transfer College	1	tcoll.1	tcoll.1: Transfer College
	2	tcoll.2	tcoll.2: Transfer College
	3	tcoll.3	tcoll.3: Transfer College
	4	tcoll.4	tcoll.4: Transfer College
	5	tcoll.5	tcoll.5: Transfer College
Credits from Transfer College	1	tcred.1	tcred.1: Credits from Transfer College
	2	tcred.2	tcred.2: Credits from Transfer College
	3	tcred.3	tcred.3: Credits from Transfer College
	4	tcred.4	tcred.4: Credits from Transfer College
	5	tcred.5	tcred.5: Credits from Transfer College

## Processing Statistics

Cases In	1391
Cases Out	1083
Cases In/Cases Out	1.3
Variables In	9
Variables Out	17
Index Values	5

## Cases to Variables

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Month	1	awdmo.1	awdmo.1: Previous OCC Degree Month
	2	awdmo.2	awdmo.2: Previous OCC Degree Month
	3	awdmo.3	awdmo.3: Previous OCC Degree Month
	4	awdmo.4	awdmo.4: Previous OCC Degree Month
	5	awdmo.5	awdmo.5: Previous OCC Degree Month
	6	awdmo.6	awdmo.6: Previous OCC Degree Month
	7	awdmo.7	awdmo.7: Previous OCC Degree Month
	8	awdmo.8	awdmo.8: Previous OCC Degree Month

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Year	1	awdyr.1	awdyr.1: Previous OCC Degree Year
	2	awdyr.2	awdyr.2: Previous OCC Degree Year
	3	awdyr.3	awdyr.3: Previous OCC Degree Year
	4	awdyr.4	awdyr.4: Previous OCC Degree Year
	5	awdyr.5	awdyr.5: Previous OCC Degree Year
	6	awdyr.6	awdyr.6: Previous OCC Degree Year
	7	awdyr.7	awdyr.7: Previous OCC Degree Year
	8	awdyr.8	awdyr.8: Previous OCC Degree Year

**Generated Variables**

Original Variable		Result	
		Name	Label
Previous OCC Degree program	1	occdeg.1	occdeg.1: Previous OCC Degree program
	2	occdeg.2	occdeg.2: Previous OCC Degree program
	3	occdeg.3	occdeg.3: Previous OCC Degree program
	4	occdeg.4	occdeg.4: Previous OCC Degree program
	5	occdeg.5	occdeg.5: Previous OCC Degree program
	6	occdeg.6	occdeg.6: Previous OCC Degree program
	7	occdeg.7	occdeg.7: Previous OCC Degree program
	8	occdeg.8	occdeg.8: Previous OCC Degree program

**Processing Statistics**

Cases In	1240
Cases Out	1105
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

DEMO 061 F WINTER 06 FDS (1/9/06)

XIR1 - FROM SNAPSHOT → COURSE-JAN0906.DAT

XIR2 - " → HEADCOUNT-JAN0906.DAT

XIR3 - STUDENT → STUDENT-JAN0906.DAT

COLLEGE → COLLEGE-JAN0906.DAT

DEGREES → DEGREES-JAN0906.DAT

SPOPS → SPOPS-JAN0906.DAT

TESTS → TESTS-JAN0906.DAT

QUERIES: "IR STUDENTS by term.wis" → IR STUD06.WI

"SAVE Foreign Person Alien Status.wis"

Creates: fpalst winter 2006 FDS.txt

Run: "Colleague Demo 04272005.SPS" → changed to Colleague Demo 01242006.SPS

Change 2005 → 2006 (31)

SEP305 → JAN0906 (5)

Fall → Winter (31)

One Tenth Day → First Day of Session (2)

OTD → FDS (1)

055T → 061 F (25)

transfers: 5

awards: 8

2v Run "Demo to Official Enrollment comparison.SPS"

chg One Tenth Day → First Day of Session (1)

055T → 061 F (4)

ITS A MATCH

\*\*Winter 2006 First Day of Session.

\*\*\*Colleague DEMO 2004.SPS, January 20, 2004

\*\*Prior to running this syntax several Replace All commands must occur. First, the date portion

\*\*of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.

\*\*Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.

\*\*The foreign person alien status file has a different naming convention and must also be replaced.

\*\*Replace 'fds' with 'otd', for example. The output file term identifier needs

\*\*to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount

\*\*file name in order to ensure that the correct extract is used for counting purposes.

\*Replace " \*\* of Session" sub-directory.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data\STUDENTJAN0906.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0

brthyr F2.0

ferpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

hscnty F7.0

hscode F6.0

hsname A27  
hscity A20  
hsstate A2  
hsgradmo F2.0  
hsgradyr F2.0  
ged A1  
appmo F2.0  
appday F2.0  
appyr F2.0  
appsess A7  
admst A2  
intent A5  
regcred F5.2  
credatt F5.2  
credearn F5.2  
gpacreds F5.2  
gpapts F6.2  
prevsess A7  
crprog A14  
sdprog 14 X  
ncprog A14  
prevdeg F1.0

CACHE.  
EXECUTE.

VARIABLE LABELS

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
fmrlname 'Former Last Name'  
fmrfname 'Former First Name'  
fmrname 'Former Middle Name'  
rescnty 'County of Residence'  
resstt 'State of Residence'  
rescntry 'Country of Residence'  
alien 'Alien Status'  
primlang 'Primary Language'  
immig 'Immigration Status'  
area 'Area Code'  
phone 'Phone Number'  
gender 'Gender'  
ethnic 'Race/Ethnicity'  
brthmo 'Birth Month'  
brthda 'Birth Day'  
brthyr 'Birth Year'  
ferpa 'Privacy Code'  
veteran 'Veteran Status'  
vetben 'Veterans Benefits'  
rescode 'Residency Code'  
citizen 'U.S. Citizenship'  
address 'Address'

address2 'Address Line 2'  
city 'City'  
state 'State'  
zip 'Zip Code'  
hscnty 'High School County'  
hscode 'High School Code'  
hsname 'High School Name'  
hscity 'High School City'  
hsstate 'High School State'  
hsgradmo 'High School Graduation Month'  
hsgradyr 'High School Graduation Year'  
ged 'GED'  
appmo 'OCC Application Month'  
appday 'OCC Application Day'  
appyr 'OCC Application Year'  
appsess 'Intended Starting Session'  
admst 'Admission Status'  
intent 'Educational Goal'  
regcred 'Colleague Recorded Credits Registered this term'  
credatt 'Credits Attempted OCC Career'  
credearn 'Credits Earned OCC Career'  
gpacreds 'Credits Calculated in GPA'  
gpapts 'Grade Points Earned OCC Career'  
prevsess 'Last Session Attended'  
crprog 'Credit Program'  
ncprog 'Non-Credit Program'  
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'  
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'  
'TA' 'Transfer after obtaining degree or certificate'  
'DC' 'Obtain OCC degree or certificate'  
'ER' 'Employment Related Knowledge'  
'EN' 'Gain knowledge unrelated to employment'  
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'  
'TR' 'Temporary Resident'  
'RE' 'Refugee/Asylee'  
'RA' 'Resident Alien'  
'NI' 'Non-Immigrant'  
'NR' 'Non-Resident Alien'  
'UN' 'Unknown'  
'AU' 'Au Pair'  
'F1' 'F-1 Student'  
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'  
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'  
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'  
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'  
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.



value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'  
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White'.

\*To prepare file for merge.

**SORT CASES BY**

id (A) .

\*To remove blanks and test accounts.

**FILTER OFF.**

**USE ALL.**

**SELECT IF (id ~=**

' & id NE '' & id NE '0616743' & id NE '0616744' & id NE '0616750'  
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).  
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'  
/COMPRESSED.

\*Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected  
\*alien status for students during the terms Summer 2003 until the XIR3 Colleague extract  
\* is corrected to bring in this variable from the Foreign Person file rather than the Person file.

GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
'fpalst Winter 2006 FDS.txt'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
fpalst A2 .

VARIABLE LABELS  
id 'Student ID'  
fpalst 'Corrected Alien Status'.

CACHE.  
EXECUTE.

SORT CASES BY  
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Foreign Person 061F.sav'  
/COMPRESSED.

\* Add fpalst (Corrected Alien Status).

GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'.

MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Winter 2006\Foreign Person 061F.sav'  
/BY id.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'  
/COMPRESSED.

\*Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person  
\*alien status. State and federal reporting requirements include reporting non-resident aliens  
\*as a separate race/ethnicity.

STRING repace (A8).  
IF (fpalst = 'Y') repace = 'NR' .  
IF (fpalst NE 'Y') repace = ethnic .  
VARIABLE LABELS repace 'Reported Race/Ethnicity' .  
EXECUTE .

value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'  
/COMPRESSED.

\*Develop the transfers file, which provides the codes for and credits earned at other colleges  
\*students attended.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+
\COLLEGEJAN0906.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
SELECT IF(id ~=
```

```
'& id NE ' ').  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

```
VARIABLE LABELS
```

```
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Transfer061F.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Transfer061F.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Transfer061F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2006\Transfer061F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'  
/COMPRESSED.
```

\*Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
\*created prior to SUMMER II 2003 due to changes in the extract process.

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
'\DEGREESJAN0906.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL
```

/VARIABLES =

id A10  
ssn A11  
lname A26  
fname A16  
mname A10  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.

VARIABLE LABELS

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
major 'Primary Subject Area'  
spec 'Specialization Area'  
awd 'Previous OCC Award Type'  
awdmo 'Previous OCC Degree Month'  
awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

```
'& id NE ' ').  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .  
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees  
061F.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees 061F.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees  
061F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees 061F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'  
/COMPRESSED.
```

\*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The  
\*following syntax creates the needed variables using the same counting rules as the  
\*official enrollment report. Status is the term status.  
*\* Extract changed with Winter 06 term.*

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
'\HEADCOUNTJAN0906.DAT'  
/DELCASE = LINE  
/DELIMITERS = " , "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10  
term A7  
pref A3  
num F6
```

section A5  
loc A2  
syn F6  
acs F4.2  
strt A8  
end A8  
type A3  
cred F4.2  
cont F5.2  
id a10  
hmcp A2  
last A13  
first A11  
midd A10  
grde F2.1  
regstat A1  
stat A1

CACHE.  
EXECUTE.

FILTER OFF.  
USE ALL.

VARIABLE LABELS

run 'Extract Date'  
term 'Session'  
pref 'Course Prefix'  
num 'Course Number'  
section 'Course Section Number'  
loc 'Course Location'  
syn ' Course Synonym'  
acs 'Course Activity Classification Structure Code'  
strt 'Course Start Date'  
end 'Course End Date'  
type 'Course Type'  
cred 'Course Credit Hours'  
cont 'Course Contact Hours'  
id 'Student ID Number'  
hmcp 'Student Home Campus'  
last 'Student Last Name'  
first 'Student First Name'  
midd 'Student Middle Name'  
grde 'Student Course Grade'  
regstat 'Registration Status'  
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.  
USE ALL.

SELECT IF(id ~= ')

```
' & id ~= ' ' & id NE '054404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').
```

```
EXECUTE .
```

```
*For Summer I only.
```

```
*FILTER OFF.
```

```
*USE ALL.
```

```
*SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt NE '07/06/05'
& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'
& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05' & strt NE '08/15/05').
```

```
*EXECUTE.
```

```
*For Summer II only.
```

```
*FILTER OFF.
```

```
*USE ALL.
```

```
*SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE '05/12/04'
& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'
& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'
& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').
```

```
*EXECUTE.
```

```
FILTER OFF.
```

```
USE ALL.
```

```
SELECT IF(stat = 'A').
```

```
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
```

```
IF (loc = 'HL') camphl = 1.
```

```
IF (loc = 'OR') campor = 1.
```

```
IF (loc = 'RO') campro = 1.
```

```
IF (loc = 'SF') campsf = 1.
```

```
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
```

```
campdw = 1.
```

```
EXECUTE .
```

```
IF (loc = 'AH') credah = cred .
```

```
IF (loc = 'HL') credhl = cred.
```

```
IF (loc = 'OR') credor = cred.
```

```
IF (loc = 'RO') credro = cred.
```

```
IF (loc = 'SF') credsf = cred.
```

```
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
```

```
creddw = cred.
```

```
EXECUTE .
```

```
RECODE
```

```
cred campah camphl campor campro campsf campdw credah credhl
```

```
credor credro credsf creddw (MISSING=0) .
```

```
EXECUTE .
```

```
AGGREGATE
```

```
/OUTFILE='I:\Research Data\Student Information System\Winter 2006\course activity 061F.sav'
```

```
/BREAK=id run term
```

```
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
```

```
(campah) /camphl 'Courses'+
```

```
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
```



```
/campro 'Courses Taken at'+
'Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses Taken
District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
Royal Oak' =
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(ccredsf) /creddw 'Credits Registered District
Wide' =
SUM(creddw).
```

```
GET
FILE='I:\Research Data\Student Information System\Winter 2006\course activity 061F.sav'.
```

```
IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .
```

```
IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\course activity 061F.sav'
/COMPRESSED.
```

```
*Merge course activity into demo file.
```

```
GET
FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2006\course activity 061F.sav'
/BY id.
EXECUTE.
```

```
*Create "FTIAC" variable.
```

```
****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
```

\*\*\*\*null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)  
\*\*\*\*greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high  
\*\*\*\*school. Transfer college (tcoll) variables indicate activity at other colleges, except those  
\*\*\*\*indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)  
\*\*\*\*of Guest or High School Dual Enrollment eliminates a student from being considered as  
\*\*\*\*first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate  
\*\*\*\*attendance at OCC.

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+  
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = '') ftiac = 'Y' .
```

VARIABLE LABELS ftiac 'Calculated FTIAC' .  
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061F.sav'  
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\First Day of Session\Demo 061F.sav'  
/COMPRESSED.

DEMO 064E      SUMMER II 06 EDS

Files: KIR1 - COURSE AUG3106.DAT  
 KIR2 - HEADCOUNT AUG3106.DAT  
 KIR3 - COLLEGE AUG3106.DAT  
 DEGREES AUG3106.DAT  
 SPORTS AUG3106.DAT  
 STUDENT AUG3106.DAT  
 TESTS AUG3106.DAT

Spalst missing veran '12/07

Started with syntax:

"Colleague Demo End of Session Summer I 2006"

changed Summer I → Summer II (7)

Summer 2006 - Raw Data files/  
 Summer 2006 (28)

Jul 0506 → Aug3106 (4)

062E → 064E (24)

4 transf

8 aud

```
IF (cred > 0) ccred = cred .
VARIABLE LABEL ccred 'Calculated Credits'.
IF (MISSING(cred)) ccred = cont * .053 .
EXECUTE .
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Colleague Annual Year Data
\HEADCOUNTAUG3106AY2007.SAV'
/COMPRESSED.
```

```
*Need to merge 2005AY and 2006AY.
```

```
GET
FILE='I:\Research Data\Student Information System\Colleague Annual Year Data
\HEADCOUNTAUG3106AY2006.SAV'.
```

```
ADD FILES /FILE=*
/FILE='I:\Research Data\Student Information System\Colleague Annual Year Data
\HEADCOUNTAUG3106AY2007.SAV'.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Colleague Annual Year Data
\HEADCOUNTAUG3106AY0607merged.SAV'
/COMPRESSED.
```

```
AGGREGATE
/OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS'+
' Summer 06\NonTraditional Credit AY2007 Summer II (noncredit credits) by campus.sav'
/BREAK=loc
/credit = SUM(ccred).
```

```
AGGREGATE
/OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS'+
' Summer 06\Non Traditional TOTAL COLLEGEWIDE Credit Hours AY2007 Summer II (noncredit
only).sav'
/BREAK=run
/credit = SUM(ccred).
```

```
IF (loc = 'AH') AH = 1 .
IF (loc = 'HL') HL = 1 .
IF (loc = 'OR') Orch = 1 .
IF (loc = 'RO') RO = 1 .
IF (loc = 'SF') SF = 1 .
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
DW = 1 .
EXECUTE .
```

```
SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data'+
```

*Non Traditional  
Data 2002  
forward*

'EOS Summer 06\AY2007 Summer II nonCREDIT HEADCOUNT DUPLICATED.sav'.

SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = VARIABLE .

SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data'+  
'EOS Summer 06\AY2007 Summer II Non CREDIT HEADCOUNT UNDUPLICATED.sav'.

\*\* Before an unduplicated student count can be calculated the Non-Traditional file  
\*\* must be merged with the 'Credit' file to weed out duplicates. Merge by adding  
\*\* variables with the External Data as keyed file. The only variable needed is something  
\*\* in the Credit file that all will have. Then, select cases if the added variable is blank.  
\*\* Then, run the frequencies to add in the headcount.

GET  
FILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 06\Summer II EOS  
2006 HEADCOUNTAUG3106'+  
' Unduplicated.SAV'.

STRING CredStud (A2).  
COMPUTE CredStud = 'Y' .  
VARIABLE LABELS CredStud 'Student included in Credit HC of OER' .  
EXECUTE .

SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 06\Summer  
II EOS 2006 HEADCOUNTAUG3106'+  
' Unduplicated.SAV'  
/COMPRESSED.

GET  
FILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 06\AY2007 Summer II  
Non CREDIT HEADCOUNT'+  
' UNDUPLICATED.sav'.

SORT CASES BY  
id (A) .

\*Winter merge.  
\*MATCH FILES /FILE=\*  
\*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 05\Summer I EOS  
2005HEADCOUNTSEP0105'+  
\*' Unduplicated.SAV'  
\*/RENAME (acs.1 acs.2 acs.3 acs.4 acs.5 acs.6 acs.7 acs.8 acs.9 AH cont.1 cont.2 cont.3 cont.4 cont.5  
cont.6 cont.7 cont.8  
\* cont.9 cred.1 cred.2 cred.3 cred.4 cred.5 cred.6 cred.7 cred.8 cred.9 DW end.1 end.2 end.3 end.4  
end.5 end.6 end.7 end.8  
\*end.9 first grde.1 grde.2 grde.3 grde.4 grde.5 grde.6 grde.7 grde.8 grde.9 HL hmcp last loc.1 loc.2 loc.3  
loc.4 loc.5 loc.6 .  
\*loc.7 loc.8 loc.9 midd multi num.1 num.2 num.3 num.4 num.5 num.6 num.7 num.8 num.9 Orch pref.1

pref.2 pref.3 pref.4 pref.5  
\*pref.6 pref.7 pref.8 pref.9 RO run SF ssn stat strt.1 strt.2 strt.3 strt.4 strt.5 strt.6 strt.7 strt.8 strt.9 syn.1  
syn.2  
\*syn.3 syn.4 syn.5 syn.6 syn.7 syn.8 syn.9 term type.1 type.2 type.3 type.4 type.5 type.6 type.7 type.8  
type.9 = d0 d1 d2 d3  
\*d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23 d24 d25 d26 d27 d28  
d29 d30 d31  
\*d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55  
d56 d57 d58 d59 d60 d61 d62  
\*d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80 d81 d82 d83 d84 d85  
d86 d87 d88 d89 d90 d91 d92 d93  
\*d94 d95 d96 d97 d98 d99 d100 d101 d102 d103 d104 d105 d106 d107 d108 d109 d110 d111 d112  
d113)  
\*/BY id  
\*/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23  
d24 d25 d26 d27 d28 d29 d30 d31  
\*d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54  
d55 d56 d57 d58 d59 d60 d61 d62  
\*d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80 d81 d82 d83 d84 d85  
d86 d87 d88 d89 d90 d91 d92 d93  
\*d94 d95 d96 d97 d98 d99 d100 d101 d102 d103 d104 d105 d106 d107 d108 d109 d110 d111 d112  
d113.  
\*EXECUTE.

\*Summer Merge.  
\*MATCH FILES /FILE=\*  
\*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 05\Summer II EOS  
2005HEADCOUNTAUG3005'+  
\* ' Unduplicated.SAV'  
\*/RENAME (acs.1 acs.2 acs.3 acs.4 acs.5 acs.6 AH cont.1 cont.2 cont.3 cont.4 cont.5 cont.6 cred.1  
cred.2 cred.3 cred.4 cred.5  
\* cred.6 DW end.1 end.2 end.3 end.4 end.5 end.6 first grde.1 grde.2 grde.3 grde.4 grde.5 grde.6 HL  
hmcp last loc.1 loc.2 loc.3  
\* loc.4 loc.5 loc.6 midd multi num.1 num.2 num.3 num.4 num.5 num.6 Orch pref.1 pref.2 pref.3 pref.4  
pref.5 pref.6 RO run SF  
\* ssn stat strt.1 strt.2 strt.3 strt.4 strt.5 strt.6 syn.1 syn.2 syn.3 syn.4 syn.5 syn.6 term type.1 type.2 type.3  
type.4  
\* type.5 type.6 = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22  
d23 d24 d25 d26 d27 d28  
\* d29 d30 d31 d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51  
d52 d53 d54 d55 d56 d57 d58 d59  
\* d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80)  
\*/BY id  
\*/DROP=  
\*d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23 d24 d25  
d26 d27 d28 d29 d30 d31 d32  
\* d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55  
d56 d57 d58 d59 d60 d61 d62 d63  
\* d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80.  
\*EXECUTE.

\*Summer II merge.

\*MATCH FILES /FILE=\*  
\*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 05\Summer II EOS  
2005HEADCOUNTAUG3005'+  
\*' Unduplicated.SAV'  
\*/RENAME (acs.1 acs.2 acs.3 acs.4 acs.5 AH cont.1 cont.2 cont.3 cont.4 cont.5 cred.1 cred.2 cred.3  
cred.4 cred.5 DW end.1  
\* end.2 end.3 end.4 end.5 first grde.1 grde.2 grde.3 grde.4 grde.5 HL hmcp last loc.1 loc.2 loc.3 loc.4  
loc.5 midd multi num.1  
\* num.2 num.3 num.4 num.5 Orch pref.1 pref.2 pref.3 pref.4 pref.5 RO run SF ssn stat strt.1 strt.2 strt.3  
strt.4 strt.5 syn.1  
\* syn.2 syn.3 syn.4 syn.5 term type.1 type.2 type.3 type.4 type.5 = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11  
d12 d13 d14 d15 d16  
\* d17 d18 d19 d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38 d39  
d40 d41 d42 d43 d44 d45 d46 d47  
\* d48 d49 d50 d51 d52 d53 d54 d55 d56 d57 d58 d59 d60 d61 d62 d63 d64 d65 d66 d67 d68 d69)  
\*/BY id  
\*/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23  
d24 d25 d26 d27 d28 d29 d30  
\* d31 d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54  
d55 d56 d57 d58 d59 d60 d61  
\* d62 d63 d64 d65 d66 d67 d68 d69.  
\*EXECUTE.

\*Fall 05EOS.

\*MATCH FILES /FILE=\*  
\*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Fall 05\Fall EOS  
2005HEADCOUNTDEC2205'+  
\*' Unduplicated.SAV'  
\*/RENAME (acs.1 acs.2 acs.3 acs.4 acs.5 acs.6 acs.7 acs.8 AH cont.1 cont.2 cont.3 cont.4 cont.5 cont.6  
cont.7 cont.8 cred.1  
\* cred.2 cred.3 cred.4 cred.5 cred.6 cred.7 cred.8 DW end.1 end.2 end.3 end.4 end.5 end.6 end.7 end.8  
first grde.1 grde.2  
\* grde.3 grde.4 grde.5 grde.6 grde.7 grde.8 HL hmcp last loc.1 loc.2 loc.3 loc.4 loc.5 loc.6 loc.7 loc.8 midd  
multi num.1  
\* num.2 num.3 num.4 num.5 num.6 num.7 num.8 Orch pref.1 pref.2 pref.3 pref.4 pref.5 pref.6 pref.7  
pref.8 regstat.1 regstat.2  
\* regstat.3 regstat.4 regstat.5 regstat.6 regstat.7 regstat.8 RO run section.1 section.2 section.3 section.4  
section.5  
\* section.6 section.7 section.8 SF stat strt.1 strt.2 strt.3 strt.4 strt.5 strt.6 strt.7 strt.8 syn.1 syn.2 syn.3  
syn.4 syn.5  
\* syn.6 syn.7 syn.8 term type.1 type.2 type.3 type.4 type.5 type.6 type.7 type.8 = d0 d1 d2 d3 d4 d5 d6 d7  
d8 d9 d10 d11  
\* d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35  
d36 d37 d38 d39 d40 d41 d42  
\* d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57 d58 d59 d60 d61 d62 d63 d64 d65  
d66 d67 d68 d69 d70 d71 d72 d73  
\* d74 d75 d76 d77 d78 d79 d80 d81 d82 d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95 d96  
d97 d98 d99 d100 d101 d102 d103  
\* d104 d105 d106 d107 d108 d109 d110 d111 d112 d113 d114 d115 d116 d117)  
\*/BY id  
\*/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23  
d24 d25 d26 d27 d28 d29 d30 d31

\* d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54  
d55 d56 d57 d58 d59 d60 d61 d62  
\* d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80 d81 d82 d83 d84 d85  
d86 d87 d88 d89 d90 d91 d92 d93  
\* d94 d95 d96 d97 d98 d99 d100 d101 d102 d103 d104 d105 d106 d107 d108 d109 d110 d111 d112  
d113 d114 d115 d116 d117.  
\*EXECUTE.

\*Winter 06 EOS.

\*MATCH FILES /FILE=\*

\*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS'+  
\*' Winter 06\Winter EOS 2006 HEADCOUNTJUL0706 Unduplicated.SAV'  
\*/RENAME (acs.1 acs.2 acs.3 acs.4 acs.5 acs.6 acs.7 acs.8 acs.9 AH cont.1  
\*cont.2 cont.3 cont.4 cont.5 cont.6 cont.7 cont.8 cont.9 cred.1 cred.2 cred.3  
\*cred.4 cred.5 cred.6 cred.7 cred.8 cred.9 DW end.1 end.2 end.3 end.4 end.5  
\*end.6 end.7 end.8 end.9 first grde.1 grde.2 grde.3 grde.4 grde.5 grde.6  
\*grde.7 grde.8 grde.9 HL hmcp last loc.1 loc.2 loc.3 loc.4 loc.5 loc.6 loc.7  
\*loc.8 loc.9 midd multi num.1 num.2 num.3 num.4 num.5 num.6 num.7 num.8 num.9  
\*Orch pref.1 pref.2 pref.3 pref.4 pref.5 pref.6 pref.7 pref.8 pref.9  
\*regstat.1 regstat.2 regstat.3 regstat.4 regstat.5 regstat.6 regstat.7  
\*regstat.8 regstat.9 RO run section.1 section.2 section.3 section.4 section.5  
\*section.6 section.7 section.8 section.9 SF stat strt.1 strt.2 strt.3 strt.4  
\*strt.5 strt.6 strt.7 strt.8 strt.9 syn.1 syn.2 syn.3 syn.4 syn.5 syn.6 syn.7  
\*syn.8 syn.9 term type.1  
\*type.2 type.3 type.4 type.5 type.6 type.7 type.8 type.9 = d0 d1 d2 d3 d4 d5  
\*d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23 d24 d25  
\*d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44  
\*d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57 d58 d59 d60 d61 d62 d63  
\*d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80 d81 d82  
\*d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95 d96 d97 d98 d99 d100  
\*d101 d102 d103 d104 d105 d106 d107 d108 d109 d110 d111 d112 d113 d114 d115  
\*d116 d117 d118 d119 d120 d121 d122 d123 d124 d125 d126 d127 d128 d129 d130)  
\*/BY id  
\*/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19  
\*d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38  
\*d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57  
\*d58 d59 d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76  
\*d77 d78 d79 d80 d81 d82 d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95  
\*d96  
\*d97 d98 d99 d100 d101 d102 d103 d104 d105 d106 d107 d108 d109 d110 d111 d112  
\*d113 d114 d115 d116 d117 d118 d119 d120 d121 d122 d123 d124 d125 d126 d127  
\*d128 d129 d130.  
\*EXECUTE.

\*Summer II 06 EOS.

MATCH FILES /FILE=\*

\*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS'+  
' Summer 06\Summer II EOS 2006 HEADCOUNTAUG3106 Unduplicated.SAV'  
\*/RENAME (acs.1 acs.2 acs.3 acs.4 acs.5 AH cont.1 cont.2 cont.3 cont.4 cont.5  
cred.1 cred.2 cred.3 cred.4 cred.5 DW end.1 end.2 end.3 end.4 end.5 first  
grde.1 grde.2 grde.3 grde.4 grde.5 HL hmcp last loc.1 loc.2 loc.3 loc.4  
loc.5 midd multi num.1 num.2 num.3 num.4 num.5 Orch pref.1 pref.2 pref.3



pref.4 pref.5 regstat.1 regstat.2 regstat.3 regstat.4 regstat.5 RO run  
section.1 section.2 section.3 section.4 section.5 SF stat strt.1 strt.2  
strt.3 strt.4 strt.5 syn.1 syn.2 syn.3 syn.4 syn.5 term type.1 type.2 type.3  
type.4 type.5 = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16  
d17 d18 d19 d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35  
d36 d37 d38 d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54  
d55 d56 d57 d58 d59 d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73  
d74 d75 d76 d77 d78)

/BY id

/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19  
d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38  
d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57  
d58 d59 d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76  
d77 d78.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(CredStud ne 'Y').

EXECUTE .

FREQUENCIES

VARIABLES=ah hl orch ro sf dw

/ORDER= ANALYSIS .

EXECUTE .

SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\EOS Summer 06\AY2007  
Summer II EOS Non CREDIT HEADCOUNT'+

'UNDUPLICATED.sav'

/COMPRESSED.

## Foster, Gail M

---

**From:** Foster, Gail M  
**Sent:** Monday, August 13, 2007 11:22 AM  
**To:** Brennan, Eileen M  
**Subject:** RE: Demo File discrepancy

I keep what I ran for a particular term to answer questions like this but it is on my I: drive. Arlene is very good about catching this which is why I keep giving her all the files when I'm done. I know this is one of the changes that was done for the new syntax. You said the syntax looks good now, so the only thing I can guess is that maybe that syntax had not been updated yet. I don't see another one in archive.

Gail M. Foster

x4525

Website: <http://infomart.oaklandcc.edu/ir/>

*Institutional Research: Progress Through Knowledge*

-----Original Message-----

**From:** Brennan, Eileen M  
**Sent:** Monday, August 13, 2007 11:10 AM  
**To:** Foster, Gail M  
**Subject:** RE: Demo File discrepancy

I thought that the proofing was supposed to have corrected all of the variables, regardless of who ran it. Are there more than syntaxes out there to create an end of session file?

-----Original Message-----

**From:** Foster, Gail M  
**Sent:** Monday, August 13, 2007 11:08 AM  
**To:** Brennan, Eileen M  
**Subject:** RE: Demo File discrepancy

Hi Eileen,

My notes show you created that file. Maybe the old syntax had not been archived yet. Do you want me to rerun it?

Gail M. Foster

x4525

Website: <http://infomart.oaklandcc.edu/ir/>

*Institutional Research: Progress Through Knowledge*

-----Original Message-----

**From:** Brennan, Eileen M  
**Sent:** Monday, August 13, 2007 10:59 AM  
**To:** Foster, Gail M  
**Subject:** Demo File discrepancy

Gail --

Just an FYI. I'm merging end of session files for a project, and discovered that the middle name variable for 2006/WI is out of sync with other terms. Its length is 10 while the length for other terms is 15. The terms Winter 2007, Fall 2006, Summer 2006, and Fall 2005, so I'm not sure what happened. The syntax appears to be correct, so I'm not sure how this got missed, particularly since the terms right around it are correct.

Eileen Brennan  
Oakland Community College  
Office of Institutional Research  
(248) 232-4527

DEMO 061E WINTER 06 EDS

XIR1 - From Snapshot → COURSE MAY0806.DAT

XIR2 - → HEADCOUNT MAY0806.DAT

XIR3 - STUDENT → STUDENT MAY0906.DAT

COLLEGE → COLLEGE MAY0906.DAT

DEGREES → DEGREES MAY0906.DAT

SPOPS → SPOPS MAY0906.DAT

TESTS → TESTS MAY0906.DAT

Reran Due  
to File Size  
and rewrite  
Per EB.

Colleague: "IR STUDENTS by term.wis" → IRSTUD06WI  
Queries  
chg term and file info

"Save Foreign Person Alien Status.wis"

chg - get list

- PC output file info

creates - fpalst winter 2006 EDS.txt

Run:

Completed  
by EB  
6/7/06

Comparison to official enrollment  
Demo to Official Enrollment comparison. SPS  
chg First Day of Session → End of Session ①  
Demo 062 F → Demo 061E

Doesn't  
match  
won't  
selection  
criteria  
different

**\*\*\*END OF SESSION DEMO (INCORPORATING GRADE TO DETERMINE COURSE STATUS)**

**\*\*Prior to running this syntax several Replace All commands must occur. First, the date portion**

**\*\*of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.**

**\*\*Next, the term file in the Research Data file must be replaced, e.g. 'Fall 2004' with 'Winter 2004'.**

**\*\*The foreign person alien status file has a different naming convention and must also be replaced.**

**\*\*Replace 'eos' with 'eos', for example. The output file term identifier needs**

**\*\*to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount**

**\*\*file name in order to ensure that the correct extract is used for counting purposes.**

**\*Replace "Updated \*\* of Session" sub-directory.**

**\*\* Note that for Fall 2004 End of session the student demographic and headcount files are dated JAN0405.**

**GET DATA /TYPE = TXT**

**/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data \STUDENTMAY0906.DAT'**

**/DELCASE = LINE**

**/DELIMITERS = ", "**

**/QUALIFIER = ""**

**/ARRANGEMENT = DELIMITED**

**/FIRSTCASE = 2**

**/IMPORTCASE = ALL**

**/VARIABLES =**

**id A10**

**ssn A11**

**lname A26**

**fname A16**

**mname A10**

**homcmp A2**

**prvcmp A2**

**fmrlname A26**

**fmrfname A16**

**fmrname A15**

**rescnty A6**

**resstt A2**

rescntry A5  
alien A1  
primlang A10  
immig A4  
area F3.0  
phone A8  
gender A1  
ethnic A2  
brthmo F2.0  
brthda F2.0  
brthyr F2.0  
ferpa A1  
veteran A2  
vetben A3  
rescode A4  
citizen A1  
address A26  
address2 A26  
city A20  
state A2  
zip A10  
hscnty F7.0  
hscode F6.0  
hsname A27  
hscity A20  
hsstate A2  
hsgradmo F2.0  
hsgradyr F2.0  
ged A1  
appmo F2.0  
appday F2.0  
appyr F2.0  
appsess A7  
admst A2  
intent A5  
regcred F5.2  
credatt F5.2  
credearn F5.2  
gpacreds F5.2  
gpapts F6.2  
prevsess A7

crprog A14  
sdprog 14 X  
ncprog A14  
prevdeg F1.0

CACHE.  
EXECUTE.

**VARIABLE LABELS**

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
fmrlname 'Former Last Name'  
fmrfname 'Former First Name'  
fmrmmname 'Former Middle Name'  
rescnty 'County of Residence'  
resstt 'State of Residence'  
rescntry 'Country of Residence'  
alien 'Alien Status'  
primlang 'Primary Language'  
immig 'Immigration Status'  
area 'Area Code'  
phone 'Phone Number'  
gender 'Gender'  
ethnic 'Race/Ethnicity'  
brthmo 'Birth Month'  
brthda 'Birth Day'  
brthyr 'Birth Year'  
ferpa 'Privacy Code'  
veteran 'Veteran Status'  
vetben 'Veterans Benefits'  
rescode 'Residency Code'  
citizen 'U.S. Citizenship'  
address 'Address'  
address2 'Address Line 2'  
city 'City'

state 'State'  
zip 'Zip Code'  
hscnty 'High School County'  
hscode 'High School Code'  
hsname 'High School Name'  
hscity 'High School City'  
hsstate 'High School State'  
hsgradmo 'High School Graduation Month'  
hsgradyr 'High School Graduation Year'  
ged 'GED'  
appmo 'OCC Application Month'  
appday 'OCC Application Day'  
appyr 'OCC Application Year'  
appsess 'Intended Starting Session'  
admst 'Admission Status'  
intent 'Educational Goal'  
regcred 'Colleague Recorded Credits Registered this term'  
credatt 'Credits Attempted OCC Career'  
credearn 'Credits Earned OCC Career'  
gpacreds 'Credits Calculated in GPA'  
gpapts 'Grade Points Earned OCC Career'  
prevsess 'Last Session Attended'  
crprog 'Credit Program'  
ncprog 'Non-Credit Program'  
prevdeg 'Highest Degree Obtained'

**EXECUTE.**

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'  
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC'  
'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'  
'TA' 'Transfer after obtaining degree or certificate'  
'DC' 'Obtain OCC degree or certificate'  
'ER' 'Employment Related Knowledge'  
'EN' 'Gain knowledge unrelated to employment'  
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'

'TR' 'Temporary Resident'  
'RE' 'Refugee/Asylee'  
'RA' 'Resident Alien'  
'NI' 'Non-Immigrant'  
    'NR' 'Non-Resident Alien'  
'UN' 'Unknown'  
'AU' 'Au Pair'  
'F1' 'F-1 Student'  
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'

'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'  
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'  
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'  
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'  
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White'.

\*To prepare file for merge.  
SORT CASES BY  
id (A) .

\*To remove blanks and test accounts.  
FILTER OFF.  
USE ALL.  
SELECT IF (id ~=)



' & id NE ' ' & id NE '0616743' & id NE '0616744' & id NE '0616750'  
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).  
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'  
/COMPRESSED.

\*Create the Student Foreign Person Alien Status variable (fpalst), which is the  
corrected  
\*alien status for students during the terms Summer 2003 until the XIR3 Colleague  
extract  
\* is corrected to bring in this variable from the Foreign Person file rather than the  
Person file.

GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
'\fpalst winter 2006 EOS.txt'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
fpalst A2 .

VARIABLE LABELS  
id 'Student ID'  
fpalst 'Corrected Alien Status'.

CACHE.  
EXECUTE.

SORT CASES BY  
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006  
\Foreign Person 061E.sav'  
/COMPRESSED.

**\* Add fpalst (Corrected Alien Status).**

**GET**

**FILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'.**

**MATCH FILES /FILE=\***

**/TABLE='I:\Research Data\Student Information System\Winter 2006\Foreign  
Person 061E.sav'**

**/BY id.**

**EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'**

**/COMPRESSED.**

**\*Create the "Reported Race/Ethnicity" variable, which combines ethnicity with  
foreign person**

**\*alien status. State and federal reporting requirements include reporting non-  
resident aliens**

**\*as a separate race/ethnicity.**

**STRING reprice (A8).**

**IF (fpalst = 'Y') reprice = 'NR' .**

**IF (fpalst NE 'Y') reprice = ethnic .**

**VARIABLE LABELS reprice 'Reported Race/Ethnicity' .**

**EXECUTE .**

**value labels reprice 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native  
American'**

**'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'**

**/COMPRESSED.**

**\*Develop the transfers file, which provides the codes for and credits earned at  
other colleges**

**\*students attended.**

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+
'\COLLEGEMAY0906.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=)
```

' & id NE ' ).  
EXECUTE .

COMPUTE tcred = cred \* .01 .  
EXECUTE .

**VARIABLE LABELS**

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006  
\Transfer061E.sav'  
/DROP=cred /COMPRESSED.

GET  
FILE='I:\Research Data\Student Information System\Winter 2006  
\Transfer061E.sav'.

**SORT CASES BY id .**  
**CASESTOVARS**  
/ID = id  
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006  
\Transfer061E.sav'.

GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'.

**MATCH FILES /FILE=\***  
/TABLE='I:\Research Data\Student Information System\Winter 2006  
\Transfer061E.sav'

**/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'  
/COMPRESSED.**

**\*Develop the Previous OCC Degrees file. Note that this syntax will not work for  
extract files**

**\*created prior to Summer I 2003 due to changes in the extract process.**

**GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
'\DEGREESMAY0906.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A16  
mname A10  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.**

**VARIABLE LABELS  
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'**

mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
major 'Primary Subject Area'  
spec 'Specialization Area'  
awd 'Previous OCC Award Type'  
awdmo 'Previous OCC Degree Month'  
awdyr 'Previous OCC Degree Year'.  
CACHE.  
EXECUTE.

FILTER OFF.  
USE ALL.  
SELECT IF(id ~=

## File Information

[DataSet5] I:\Research Data\Student Information System\Raw Data files\WIP\Winter OTD 2006 Course Registrations.sav

### Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

8/23 ← op

	loc	cred_1	
1		4.00	
2	AH	56425.00	✓
3	HL	31959.00	✓
4	OR	49015.00	✓
5	RO	36073.00	✓
6	SF	16921.00	✓



	run	cred_1
1	01/20/2006	190397.00 ✓

**Attends Royal Oak Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	17291	73.1	73.1	73.1
	1.00	6365	26.9	26.9	100.0
Total		23656	100.0	100.0	

**Attends Southfield Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	20584	87.0	87.0	87.0
	1.00	3072	13.0	13.0	100.0
Total		23656	100.0	100.0	

**Attends Districtwide Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	23655	100.0	100.0	100.0
	1.00	1	.0	.0	100.0
Total		23656	100.0	100.0	

**Attends multiple campuses**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	5317	22.5	100.0	100.0
Missing	System	18339	77.5		
Total		23656	100.0		

# Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Winter OTD 2006  
 HEADCOUNTJan2006 Unduplicated.SAV

## Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus
N	Valid	23656	23656	23656	23656	23656
	Missing	0	0	0	0	0

## Statistics

		Attends Districtwide Campus	Attends multiple campuses
N	Valid	23656	5317
	Missing	0	18339

# Frequency Table

### Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15653	66.2	66.2	66.2
	1.00	8003	33.8	33.8	100.0
Total		23656	100.0	100.0	

### Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	18893	79.9	79.9	79.9
	1.00	4763	20.1	20.1	100.0
Total		23656	100.0	100.0	

### Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16236	68.6	68.6	68.6
	1.00	7420	31.4	31.4	100.0
Total		23656	100.0	100.0	

## File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Winter FDS 2006 Course Registrations.sav

### Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

## Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Winter FDS 2006 HEADCOUNTJan0906 Unduplicated.SAV

### Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus	Attends Districtwide Campus	Attends multiple campuses
N	Valid	22630	22630	22630	22630	22630	22630	5209
	Missing	0	0	0	0	0	0	17421

## Frequency Table

### Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	14783	65.3	65.3	65.3
	1.00	7847	34.7	34.7	100.0
	Total	22630	100.0	100.0	

### Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	17961	79.4	79.4	79.4
	1.00	4669	20.6	20.6	100.0
	Total	22630	100.0	100.0	

### Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15557	68.7	68.7	68.7
	1.00	7073	31.3	31.3	100.0
	Total	22630	100.0	100.0	

**Attends Royal Oak Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16625	73.5	73.5	73.5
	1.00	6005	26.5	26.5	100.0
Total		22630	100.0	100.0	

**Attends Southfield Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	19731	87.2	87.2	87.2
	1.00	2899	12.8	12.8	100.0
Total		22630	100.0	100.0	

**Attends Districtwide Campus**


		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	22630	100.0	100.0	100.0

**Attends multiple campuses**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	5209	23.0	100.0	100.0
Missing	System	17421	77.0		
Total		22630	100.0		

	loc	cred_1	
1	AH	55996.00	✓
2	HL	31726.00	✓
3	OR	47026.00	✓
4	RO	34580.00	✓
5	SF	16287.00	✓

	run	cred_1
1	01/09/2006	185615.00





# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2006 OTD.sav

*File Moved  
Jmy*

## Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ run	1	Extract Date	Nominal	10	Left	A10	A10
✓ term	2	Session	Nominal	7	Left	A7	A7
✓ pref	3	Course Prefix	Nominal	3	Left	A3	A3
✓ num	4	Course Number	Nominal	8	Right	F6	F6
✓ loc	5	Course Location	Nominal	2	Left	A2	A2
✓ syn	6	Course Synonym	Nominal	10	Left	A10	A10
✓ crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
✓ section	8	Section Number	Nominal	5	Left	A5	A5
✓ acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
✓ strt	10	Start Date	Nominal	8	Left	A8	A8
✓ end	11	End Date	Nominal	8	Left	A8	A8
✓ cred	12	Credits	Scale	8	Right	F4.2	F4.2
✓ sectstat	13	Section Status	Nominal	1	Left	A1	A1
✓ cap	14	Allocation	Scale	8	Right	F3.2	F3.2
✓ avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
✓ take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
✓ cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
✓ facid	18	Faculty ID	Nominal	8	Right	F7	F7
✓ facnm	19	Faculty Name	Nominal	17	Left	A17	A17
✓ sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
✓ sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
✓ sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
✓ occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
✓ occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
✓ occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
✓ gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

*4-23-08-ap*

### Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
✓ instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
✓ instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
✓ instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
✓ dept1	39	Department	Nominal	4	Left	A4	A4
✓ dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2006 FDS.sav

*FILE MOVED  
5/7/08*

## Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

*Variables proofed. 5-5-08*

**Variable Information**

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
dept1	39	Department	Nominal	4	Left	A4	A4
dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

' & id NE ' ').  
EXECUTE .

STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major,',',spec,',',awd) .  
IF (spec = ' ') occdeg = CONCAT (major,',',awd).  
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006  
\Previous OCC Degrees 061E.sav'  
/DROP=major spec awd /COMPRESSED.

GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC  
Degrees 061E.sav'.

SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006  
\Previous OCC Degrees 061E.sav'.

GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'.

MATCH FILES /FILE=\*.  
/TABLE='I:\Research Data\Student Information System\Winter 2006\Previous  
OCC Degrees 061E.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'  
/COMPRESSED.

**\*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The following syntax creates the needed variables using the same counting rules as the official enrollment report. Status is the term status.**

**\*\*The first set of syntax (now commented out) should be used on extracts prior to Winter 2006. Changes made after that time are included in the second set of syntax below.**

```
*GET DATA /TYPE = TXT
* /FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+
* '\HEADCOUNTMAY1006.DAT'
* /DELCASE = LINE
* /DELIMITERS = ", "
*/QUALIFIER = ""
* /ARRANGEMENT = DELIMITED
* /FIRSTCASE = 2
* /IMPORTCASE = ALL
* /VARIABLES =
* run A10
* term A7
* pref A3
* num F6
* loc A2
* syn F6
* acs F4.2
* strt A8
* end A8
* type A3
* cred F4.2
* cont F5.2
* id a10
* hmcp A2
* last A13
* first A11
* midd A10
* ssn A11
* grde F2.1
* stat A1
```

```
*  
*  
*CACHE.  
*EXECUTE.  
*  
*FILTER OFF.  
*USE ALL.  
*  
*VARIABLE LABELS  
*run 'Extract Date'  
*term 'Session'  
*pref 'Course Prefix'  
*num 'Course Number'  
*loc 'Course Location'  
*syn ' Course Synonym'  
*acs 'Course Activity Classification Structure Code'  
*strt 'Course Start Date'  
*end 'Course End Date'  
*type 'Course Type'  
*cred 'Course Credit Hours'  
*cont 'Course Contact Hours'  
*id 'Student ID Number'  
*hmcp 'Student Home Campus'  
*last 'Student Last Name'  
*first 'Student First Name'  
*midd 'Student Middle Name'  
*ssn 'Student Social Security Number'  
*grde 'Student Course Grade'  
*stat 'Student Status in Course'  
**EXECUTE.
```

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
'\HEADCOUNTMAY1006.DAT'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10
```

term A7  
pref A3  
num F6  
section A5  
loc A2  
syn A10  
acs F4.2  
strt A8  
end A8  
type A3  
cred F4.2  
cont F5.2  
id a10  
hmcp A2  
last A13  
first A11  
midd A10  
grde F2.1  
regstat A1  
stat A1

.  
CACHE.  
EXECUTE.

FILTER OFF.  
USE ALL.

**VARIABLE LABELS**

run 'Extract Date'  
term 'Session'  
pref 'Course Prefix'  
num 'Course Number'  
section 'Course Section Number'  
loc 'Course Location'  
syn 'Course Synonym'  
acs 'Course Activity Classification Structure Code'  
strt 'Course Start Date'  
end 'Course End Date'  
type 'Course Type'  
cred 'Course Credit Hours'  
cont 'Course Contact Hours'



id 'Student ID Number'  
hmcp 'Student Home Campus'  
last 'Student Last Name'  
first 'Student First Name'  
midd 'Student Middle Name'  
grde 'Student Course Grade'  
regstat 'Registration Status'  
stat 'Student Status in Course'

EXECUTE

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

' & id ~= ' ' & id NE '0554404' & id NE '0616743' &  
id NE '0616744' & id NE '0616750' & id NE '0616751'  
& id NE '0613236').

EXECUTE .

**\*\*FOR SUMMER I**

**\*\*Select those course registrations for courses that fit into the Summer I session.  
Those**

**\*\* courses will generally fall within a fixed set of dates. If it is not possible to  
evaluate**

**\*\* whether or not the registration belongs in Summer I or Summer II by the start  
date,**

**\*\* look at the Section Number of the Course (not in this data file) Per Leanne any  
10 week course starting in Summer I is Summer I..**

**\*\*FILTER OFF.**

**\*\*USE ALL.**

**\*\*SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt NE  
'07/06/05'**

**\*\*& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'**

**\*\*& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05' & strt NE '08/15/05').**

**\*\*EXECUTE.**

**\*\*SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\'+  
\*\*\EOS Summer 05\headcount summer I 2005.sav'.**

**\*\*FOR SUMMER II**

**\*\*Select those course registrations for courses that fit into the Summer II session.  
Those**

**\*\* courses will generally fall within a fixed set of dates. If it is not possible to  
evaluate**

**\*\* whether or not the registration belongs in Summer I or Summer II by the start  
date,**

**\*\* look at the Section Number of the Course (not in this data file).**

**\*\*FILTER OFF.**

**\*\*USE ALL.**

**\*\*SELECT IF (strt = '07/01/05' | strt = '07/03/05' | strt = '07/05/05' | strt = '07/06/05' |  
strt = '07/07/05' | strt = '07/08/05'**

**\*\*| strt = '07/11/05' | strt = '07/12/05' | strt = '07/13/05' | strt = '07/21/05' | strt =  
'08/15/05').**

**\*\*EXECUTE.**

**FILTER OFF.**

**USE ALL.**

**SELECT IF(grde > -1).**

**EXECUTE.**

**IF (loc = 'AH') campah = 1 .**

**IF (loc = 'HL') camphl = 1.**

**IF (loc = 'OR') campor = 1.**

**IF (loc = 'RO') campro = 1.**

**IF (loc = 'SF') campsf = 1.**

**IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')**

**campdw = 1.**

**EXECUTE .**

**IF (loc = 'AH') credah = cred .**

**IF (loc = 'HL') credhl = cred.**

**IF (loc = 'OR') credor = cred.**

**IF (loc = 'RO') credro = cred.**

**IF (loc = 'SF') credsf = cred.**

**IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')**

**credhw = cred.**

**EXECUTE .**

**RECODE**

**cred campah camphl campor campro campsf campdw credah credhl**

**credor credro credsf credhw (MISSING=0) .**

**EXECUTE .**

**AGGREGATE**

**/OUTFILE='I:\Research Data\Student Information System\Winter 2006\course  
activity 061E.sav'**

**/BREAK=id run term**

**/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at  
Auburn Hills' = SUM(campah) /camphl 'Courses'+**

**' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard  
Ridge' = SUM(campor) /campro 'Courses Taken at'+**

**' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM**

(campsf) /campdw 'Courses Taken District Wide' =  
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)  
/credhl 'Credits Registered at Highland Lakes' =  
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor)  
/credro 'Credits Registered at Royal Oak' =  
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(credsf) /creddw  
'Credits Registered District Wide' =  
SUM(creddw).

GET

FILE='I:\Research Data\Student Information System\Winter 2006\course activity  
061E.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .  
VARIABLE LABELS status 'Student Status in Term' .  
EXECUTE .

IF ((campah > 0 & camphl > 0) OR  
(campah > 0 & campor > 0) OR  
(campah > 0 & campro > 0) OR  
(campah > 0 & campsf > 0) OR  
(campah > 0 & campdw > 0) OR  
(camphl > 0 & campor > 0) OR  
(camphl > 0 & campro > 0) OR  
(camphl > 0 & campsf > 0) OR  
(camphl > 0 & campdw > 0) OR  
(campor > 0 & campro > 0) OR  
(campor > 0 & campsf > 0) OR  
(campor > 0 & campdw > 0) OR  
(campro > 0 & campsf > 0) OR  
(campro > 0 & campdw > 0) OR  
(campsf > 0 & campdw > 0)) multi = 1.  
VARIABLE LABELS multi 'Attends multiple campuses'.  
EXECUTE .

SORT CASES BY  
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006

**\course activity 061E.sav'  
/COMPRESSED.**

**\*Merge course activity into demo file.**

**GET**

**FILE='I:\Research Data\Student Information System\Winter 2006\Demo  
061E.sav'.**

**MATCH FILES /FILE=\***

**/TABLE='I:\Research Data\Student Information System\Winter 2006\course  
activity 061E.sav'**

**/BY id.**

**EXECUTE.**

**\*Create "FTIAC" variable.**

**\*\*\*\*Calculate FTIAC (First Time in Any College). Note the following: status refers  
to active**

**\*\*\*\*status in at least one course. 'admst' (Admit.Status) refers to the student's  
self-reported**

**\*\*\*\*admission status, with FT being First Time in Any College. Previous Session  
(prevsess)**

**\*\*\*\*null indicates no prior registration at OCC. Highest degree obtained  
previously (prevdeg)**

**\*\*\*\*greater than 6 indicates high school graduate, GED, unknown, or hasn't  
graduated high**

**\*\*\*\*school. Transfer college (tcoll) variables indicate activity at other colleges,  
except those**

**\*\*\*\*indicated within the syntax which are Tech Prep programs at OCC. A credit  
program (crprog)**

**\*\*\*\*of Guest or High School Dual Enrollment eliminates a student from being  
considered as**

**\*\*\*\*first time in any college. Finally, presence of occdeg.1 (Previous OCC degree)  
would indicate**

**\*\*\*\*attendance at OCC.**

**STRING ftiac (A2).**

**IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP**

**DRAFTING'+**

**'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1**

```
= 'TECH'+  
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT  
EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog  
~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = ' ') ftiac = 'Y' .
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC' .  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\End of Session  
\Demo 061E.sav'  
/COMPRESSED.
```

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	id	String	10	0	Student ID	None	None	10	Left	Nominal
2	ssn	String	11	0	Social Security Number	None	None	11	Left	Nominal
3	lname	String	26	0	Last Name	None	None	26	Left	Nominal
4	fname	String	16	0	First Name	None	None	16	Left	Nominal
5	mname	String	15	0	Middle Name	None	None	15	Left	Nominal
6	homcmp	String	2	0	Home Campus	None	None	2	Left	Nominal
7	prvcmp	String	2	0	Previous Home Campus	None	None	2	Left	Nominal
8	fmrlname	String	26	0	Former Last Name	None	None	26	Left	Nominal
9	fmrfname	String	16	0	Former First Name	None	None	16	Left	Nominal
10	fmrname	String	15	0	Former Middle Name	None	None	15	Left	Nominal
11	rescnty	String	6	0	County of Residence	None	None	6	Left	Nominal
12	resstt	String	2	0	State of Residence	None	None	2	Left	Nominal
13	rescntry	String	5	0	Country of Residence	None	None	5	Left	Nominal
14	alien	String	1	0	Alien Status	None	None	1	Left	Nominal
15	primlang	String	10	0	Primary Language	None	None	10	Left	Nominal
16	immig	String	4	0	Immigration Status	{F1, F-1	None	4	Left	Nominal
17	area	Numeric	3	0	Area Code	None	None	8	Right	Scale
18	phone	String	8	0	Phone Number	None	None	8	Left	Nominal
19	gender	String	1	0	Gender	None	None	1	Left	Nominal
20	ethnic	String	2	0	Race/Ethnicity	{AF, Afri	None	2	Left	Nominal
21	brthmo	Numeric	2	0	Birth Month	None	None	8	Right	Nominal
22	brthda	Numeric	2	0	Birth Day	None	None	8	Right	Scale
23	brthyr	Numeric	2	0	Birth Year	None	None	8	Right	Scale
24	ferpa	String	1	0	Privacy Code	None	None	1	Left	Nominal
25	veteran	String	2	0	Veteran Status	None	None	2	Left	Nominal
26	vetben	String	3	0	Veterans Benefits	None	None	3	Left	Nominal

*Variables proofed*  
 2/7/06  
 ej/A.P.

	Name	Type	Width	Dec	Label	Values	Missing	Column	Align	Measure
27	rescode	String	4	0	Residency Code	{INID, In	None	4	Left	Nominal
28	citizen	String	1	0	U.S. Citizenship	None	None	1	Left	Nominal
29	address	String	26	0	Address	None	None	26	Left	Nominal
30	address2	String	26	0	Address Line 2	None	None	26	Left	Nominal
31	city	String	20	0	City	None	None	20	Left	Nominal
32	state	String	2	0	State	None	None	2	Left	Nominal
33	zip	String	10	0	Zip Code	None	None	10	Left	Nominal
34	hscnty	Numeric	7	0	High School County	None	None	8	Right	Scale
35	hscode	Numeric	6	0	High School Code	None	None	8	Right	Scale
36	hsname	String	27	0	High School Name	None	None	27	Left	Nominal
37	hscity	String	20	0	High School City	None	None	20	Left	Nominal
38	hsstate	String	2	0	High School State	None	None	2	Left	Nominal
39	hsgradmo	Numeric	2	0	High School Graduation Month	None	None	8	Right	Nominal
40	hsgradyr	Numeric	2	0	High School Graduation Year	None	None	8	Right	Scale
41	ged	String	1	0	GED	None	None	1	Left	Nominal
42	appmo	Numeric	2	0	OCC Application Month	None	None	8	Right	Nominal
43	appday	Numeric	2	0	OCC Application Day	None	None	8	Right	Scale
44	appyr	Numeric	2	0	OCC Application Year	None	None	8	Right	Nominal
45	appsess	String	7	0	Intended Starting Session	None	None	7	Left	Nominal
46	admst	String	2	0	Admission Status	{NC, No	None	2	Left	Nominal
47	intent	String	5	0	Educational Goal	{TA, Tra	None	5	Left	Nominal
48	regcred	Numeric	5	2	Colleague Recorded Credits Registered this term	None	None	8	Right	Scale
49	credatt	Numeric	5	2	Credits Attempted OCC Career	None	None	8	Right	Scale
50	credearn	Numeric	5	2	Credits Earned OCC Career	None	None	8	Right	Scale
51	gpacreds	Numeric	5	2	Credits Calculated in GPA	None	None	8	Right	Scale
52	gpapts	Numeric	6	2	Grade Points Earned OCC Career	None	None	8	Right	Scale



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left	Nominal
54	crprog	String	14	0	Credit Program	None	None	14	Left	Nominal
55	ncprog	String	14	0	Non-Credit Program	None	None	14	Left	Nominal
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doct	None	8	Right	Nominal
57	fpalst	String	2	0	Corrected Alien Status	None	None	2	Left	Nominal
58	repace	String	8	0	Reported Race/Ethnicity	{AF, Afri	None	10	Left	Nominal
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	35	Left	Nominal
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	10	Right	Scale
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	35	Left	Nominal
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	10	Right	Scale
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	35	Left	Nominal
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	10	Right	Scale
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	35	Left	Nominal
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	10	Right	Scale
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	35	Left	Nominal
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	10	Right	Scale
69	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	None	2	Left	Nominal
70	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	None	2	Left	Nominal
71	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	None	14	Left	Nominal
72	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	None	2	Left	Nominal
73	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	None	2	Left	Nominal
74	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	None	14	Left	Nominal
75	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	None	2	Left	Nominal
76	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	None	2	Left	Nominal
77	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	14	Left	Nominal
78	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	None	2	Left	Nominal

*.6 on Master  
None in demo. ←  
(tcoll.6  
tcred.6)  
only 5 tran.  
ok*

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
79	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	None	2	Left	Nominal
80	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	None	14	Left	Nominal
81	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	None	2	Left	Nominal
82	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	None	2	Left	Nominal
83	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	None	14	Left	Nominal
84	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	None	2	Left	Nominal
85	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	None	2	Left	Nominal
86	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	None	14	Left	Nominal
87	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	None	2	Left	Nominal
88	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	None	2	Left	Nominal
89	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	None	14	Left	Nominal
90	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	None	2	Left	Nominal
91	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	None	2	Left	Nominal
92	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	None	14	Left	Nominal
93	run	String	10	0	Extract Date	None	None	10	Left	Nominal
94	term	String	7	0	Session	None	None	7	Left	Nominal
95	credits	Numeric	8	2	Credits Registered This Term	None	None	10	Right	Scale
96	campah	Numeric	8	0	Courses Taken at Auburn Hills	None	None	10	Right	Scale
97	camphl	Numeric	8	0	Courses Taken at Highland Lakes	None	None	10	Right	Scale
98	campor	Numeric	8	0	Courses Taken at Orchard Ridge	None	None	10	Right	Scale
99	campro	Numeric	8	0	Courses Taken at Royal Oak	None	None	10	Right	Scale
100	campsf	Numeric	8	0	Courses Taken at Southfield	None	None	10	Right	Scale
101	campdw	Numeric	8	0	Courses Taken District Wide	None	None	10	Right	Scale
102	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	10	Right	Scale
103	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	10	Right	Scale
104	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	10	Right	Scale

*not on master but OK*

	Name	Type	Width	Decimals	Label	Values	Missing	Column	Align	Measure
105	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	10	Right	Scale
106	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	10	Right	Scale
107	creddw	Numeric	8	2	Credits Registered District Wide	None	None	10	Right	Scale
108	status	Numeric	8	2	Student Status in Term	None	None	10	Right	Scale
109	multi	Numeric	8	2	Attends multiple campuses	None	None	10	Right	Scale
110	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left	Nominal

*Handwritten notes:*  
 added  
 do  
 18.0  
 gmb

DEMO 06IT WINTER 06 OTD (1/20/06)

XIR1 - FROM SNAPSHOT - COURSE JAN 2006.DAT

XIR2 - HEADCOUNT JAN 2006.DAT

XIR3 - STUDENT - STUDENT JAN 2006.DAT

COLLEGE - COLLEGE JAN 2006.DAT

DEGREES - DEGREES JAN 2006.DAT

SPOPS - SPOPS JAN 2006.DAT

TESTS - TESTS JAN 2006.DAT

QUERIES: "IR STUDENTS by Term.SPS" → IR STUD 06W1  
"SAVE Foreign Person Alien Status.WIS"  
creates fpalst winter 2006 OTD.txt

Run: "Colleague Demo 01242006.SPS"

change JAN0906 → JAN 2006 (4)

First Day of Session → One Tenth Day (2)

FDS → OTD (1)

06IF → 06IT (25)

transfers: 5

awards: 8

ZV Run "Demo to Official Enrollment comparison.SPS"  
chg First Day of Session → One Tenth Day (1)  
06IF → 06IT (4)

ITS A MATCH

\*\*Winter 2006 One Tenth Day.

\*\*\*Colleague DEMO 2004.SPS, January 24, 2006

\*\*Prior to running this syntax several Replace All commands must occur. First, the date portion

\*\*of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.

\*\*Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.

\*\*The foreign person alien status file has a different naming convention and must also be replaced.

\*\*Replace 'fds' with 'otd', for example. The output file term identifier needs

\*\*to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount

\*\*file name in order to ensure that the correct extract is used for counting purposes.

\*\*Replace " \*\* of Session" sub-directory. This syntax has been change for new XIR2 headcount extract.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data\STUDENTJAN2006.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0

brthyr F2.0

ferpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

hscnty F7.0

hscode F6.0

hsname A27  
hscity A20  
hsstate A2  
hsgradmo F2.0  
hsgradyr F2.0  
ged A1  
appmo F2.0  
appday F2.0  
appyr F2.0  
appsess A7  
admst A2  
intent A5  
regcred F5.2  
credatt F5.2  
credearn F5.2  
gpacreds F5.2  
gpapts F6.2  
prevsess A7  
crprog A14  
sdprog 14 X  
ncprog A14  
prevdeg F1.0

CACHE.  
EXECUTE.

VARIABLE LABELS

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
fmrlname 'Former Last Name'  
fmrfname 'Former First Name'  
fmrmmname 'Former Middle Name'  
rescnty 'County of Residence'  
resstt 'State of Residence'  
rescntry 'Country of Residence'  
alien 'Alien Status'  
primlang 'Primary Language'  
immig 'Immigration Status'  
area 'Area Code'  
phone 'Phone Number'  
gender 'Gender'  
ethnic 'Race/Ethnicity'  
brthmo 'Birth Month'  
brthda 'Birth Day'  
brthyr 'Birth Year'  
ferpa 'Privacy Code'  
veteran 'Veteran Status'  
vetben 'Veterans Benefits'  
rescode 'Residency Code'  
citizen 'U.S. Citizenship'  
address 'Address'

address2 'Address Line 2'  
city 'City'  
state 'State'  
zip 'Zip Code'  
hscnty 'High School County'  
hscode 'High School Code'  
hsname 'High School Name'  
hscity 'High School City'  
hsstate 'High School State'  
hsgradmo 'High School Graduation Month'  
hsgradyr 'High School Graduation Year'  
ged 'GED'  
appmo 'OCC Application Month'  
appday 'OCC Application Day'  
appyr 'OCC Application Year'  
appsess 'Intended Starting Session'  
admst 'Admission Status'  
intent 'Educational Goal'  
regcred 'Colleague Recorded Credits Registered this term'  
credatt 'Credits Attempted OCC Career'  
credearn 'Credits Earned OCC Career'  
gpacreds 'Credits Calculated in GPA'  
gpapts 'Grade Points Earned OCC Career'  
prevsess 'Last Session Attended'  
crprog 'Credit Program'  
ncprog 'Non-Credit Program'  
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'  
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'  
'TA' 'Transfer after obtaining degree or certificate'  
'DC' 'Obtain OCC degree or certificate'  
'ER' 'Employment Related Knowledge'  
'EN' 'Gain knowledge unrelated to employment'  
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'  
'TR' 'Temporary Resident'  
'RE' 'Refugee/Asylee'  
'RA' 'Resident Alien'  
'NI' 'Non-Immigrant'  
'NR' 'Non-Resident Alien'  
'UN' 'Unknown'  
'AU' 'Au Pair'  
'F1' 'F-1 Student'  
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'  
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'  
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'  
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'  
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'  
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White'.

\*To prepare file for merge.

**SORT CASES BY**

id (A) .

\*To remove blanks and test accounts.

**FILTER OFF.**

**USE ALL.**

**SELECT IF (id ~=**



```
' & id NE '' & id NE '0616743' & id NE '0616744' & id NE '0616750'  
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'  
/COMPRESSED.
```

```
* Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected  
* alien status for students during the terms Summer 2003 until the XIR3 Colleague extract  
* is corrected to bring in this variable from the Foreign Person file rather than the Person file.
```

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+  
"fpalst Winter 2006 OTD.txt"  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
fpalst A2 .
```

```
VARIABLE LABELS  
id 'Student ID'  
fpalst 'Corrected Alien Status'.
```

```
CACHE.  
EXECUTE.
```

```
SORT CASES BY  
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Foreign Person 061T.sav'  
/COMPRESSED.
```

```
* Add fpalst (Corrected Alien Status).
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2006\Foreign Person 061T.sav'  
/BY id.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'  
/COMPRESSED.
```

```
* Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person  
* alien status. State and federal reporting requirements include reporting non-resident aliens  
* as a separate race/ethnicity.
```

```
STRING repace (A8).  
IF (fpalst = 'Y') repace = 'NR' .  
IF (fpalst NE 'Y') repace = ethnic .  
VARIABLE LABELS repace 'Reported Race/Ethnicity' .  
EXECUTE .
```

value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'  
/COMPRESSED.

\*Develop the transfers file, which provides the codes for and credits earned at other colleges  
\*students attended.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+
\COLLEGEJAN2006.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
SELECT IF(id ~=
```

' & id NE ' ).

EXECUTE .

COMPUTE tcred = cred \* .01 .

EXECUTE .

VARIABLE LABELS

id 'Student ID'

ssn 'Social Security Number'

lname 'Last Name'

fname 'First Name'

mname 'Middle Name'

homcmp 'Home Campus'

prvcmp 'Previous Home Campus'

tcoll 'Transfer College'

tcred 'Credits from Transfer College'.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Transfer061T.sav'  
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Winter 2006\Transfer061T.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Transfer061T.sav'.

GET

FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Winter 2006\Transfer061T.sav'

/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)

/BY id

/DROP= d0 d1 d2 d3 d4 d5.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'  
/COMPRESSED.

\*Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
\*created prior to SUMMER II 2003 due to changes in the extract process.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+

\DEGREESJAN2006.DAT'

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

VARIABLES =

id A10  
ssn A11  
lname A26  
fname A16  
mname A10  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.

VARIABLE LABELS

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
major 'Primary Subject Area'  
spec 'Specialization Area'  
awd 'Previous OCC Award Type'  
awdmo 'Previous OCC Degree Month'  
awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

' & id NE ' ).

EXECUTE .

STRING occdeg (A12).

VARIABLE LABELS occdeg 'Previous OCC Degree program' .

IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .

IF (spec = ' ') occdeg = CONCAT (major, '.', awd).

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees 061T.sav'

/DROP=major spec awd /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees 061T.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees 061T.sav'.

GET

FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Winter 2006\Previous OCC Degrees 061T.sav'

/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)

/BY id

/DROP= d0 d1 d2 d3 d4 d5.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'

/COMPRESSED.

\*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The

\*following syntax creates the needed variables using the same counting rules as the

\*official enrollment report. Status is the term status.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2006\Raw Data'+

'HEADCOUNTJAN2006.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

run A10

term A7

pref A3

num F6

section A5  
loc A2  
syn F6  
acs F4.2  
strt A8  
end A8  
type A3  
cred F4.2  
cont F5.2  
id a10  
hmcp A2  
last A13  
first A11  
midd A10  
grde F2.1  
regstat A1  
stat A1

CACHE.  
EXECUTE.

FILTER OFF.  
USE ALL.

VARIABLE LABELS

run 'Extract Date'  
term 'Session'  
pref 'Course Prefix'  
num 'Course Number'  
section 'Course Section Number'  
loc 'Course Location'  
syn ' Course Synonym'  
acs 'Course Activity Classification Structure Code'  
strt 'Course Start Date'  
end 'Course End Date'  
type 'Course Type'  
cred 'Course Credit Hours'  
cont 'Course Contact Hours'  
id 'Student ID Number'  
hmcp 'Student Home Campus'  
last 'Student Last Name'  
first 'Student First Name'  
midd 'Student Middle Name'  
grde 'Student Course Grade'  
regstat 'Registration Status'  
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.  
USE ALL.  
SELECT IF(id ~= ')

```
& id ~= '' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').
EXECUTE .
```

```
*For Summer I only.
*FILTER OFF.
*USE ALL.
*SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt NE '07/06/05'
& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'
& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05' & strt NE '08/15/05').
*EXECUTE.
```

```
*For Summer II only.
*FILTER OFF.
*USE ALL.
*SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE '05/12/04'
& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'
& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'
& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').
*EXECUTE.
```

```
FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = cred .
IF (loc = 'HL') credhl = cred.
IF (loc = 'OR') credor = cred.
IF (loc = 'RO') credro = cred.
IF (loc = 'SF') credsf = cred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
creddw = cred.
EXECUTE .
```

```
RECODE
cred campah camphl campor campro campsf campdw credah credhl
credor credro credsf creddw (MISSING=0) .
EXECUTE .
```

```
AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Winter 2006\course activity 061T.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
(campah) /camphl 'Courses'+
'Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
```

```
/campro 'Courses Taken at'+
Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses Taken
District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
Royal Oak' =
SUM(credro) /credfs 'Credits Registered at Southfield' = SUM(credfs) /creddw 'Credits Registered District
Wide' =
SUM(creddw).
```

```
GET
FILE='I:\Research Data\Student Information System\Winter 2006\course activity 061T.sav'.
```

```
IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .
```

```
IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\course activity 061T.sav'
/COMPRESSED.
```

```
*Merge course activity into demo file.
```

```
GET
FILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2006\course activity 061T.sav'
/BY id.
EXECUTE.
```

```
*Create "FTIAC" variable.
```

```
****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
```



\*\*\*\*null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)  
\*\*\*\*greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high  
\*\*\*\*school. Transfer college (tcoll) variables indicate activity at other colleges, except those  
\*\*\*\*indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)  
\*\*\*\*of Guest or High School Dual Enrollment eliminates a student from being considered as  
\*\*\*\*first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate  
\*\*\*\*attendance at OCC.

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+  
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = '') ftiac = 'Y' .
```

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2006\Demo 061T.sav'  
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day\Demo 061T.sav'  
/COMPRESSED.

# Cases to Variables: Demo 061T

## Generated Variables

Original Variable		Result	
		Name	Label
Transfer College	1	tcoll.1	tcoll.1: Transfer College
	2	tcoll.2	tcoll.2: Transfer College
	3	tcoll.3	tcoll.3: Transfer College
	4	tcoll.4	tcoll.4: Transfer College
	5	tcoll.5	tcoll.5: Transfer College
Credits from Transfer College	1	tcred.1	tcred.1: Credits from Transfer College
	2	tcred.2	tcred.2: Credits from Transfer College
	3	tcred.3	tcred.3: Credits from Transfer College
	4	tcred.4	tcred.4: Credits from Transfer College
	5	tcred.5	tcred.5: Credits from Transfer College

## Processing Statistics

Cases In	1438
Cases Out	1117
Cases In/Cases Out	1.3
Variables In	9
Variables Out	17
Index Values	5

## Cases to Variables

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Month	1	awdmo.1	awdmo.1: Previous OCC Degree Month
	2	awdmo.2	awdmo.2: Previous OCC Degree Month
	3	awdmo.3	awdmo.3: Previous OCC Degree Month
	4	awdmo.4	awdmo.4: Previous OCC Degree Month
	5	awdmo.5	awdmo.5: Previous OCC Degree Month
	6	awdmo.6	awdmo.6: Previous OCC Degree Month
	7	awdmo.7	awdmo.7: Previous OCC Degree Month
	8	awdmo.8	awdmo.8: Previous OCC Degree Month

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Year	1	awdyr.1	awdyr.1: Previous OCC Degree Year
	2	awdyr.2	awdyr.2: Previous OCC Degree Year
	3	awdyr.3	awdyr.3: Previous OCC Degree Year
	4	awdyr.4	awdyr.4: Previous OCC Degree Year
	5	awdyr.5	awdyr.5: Previous OCC Degree Year
	6	awdyr.6	awdyr.6: Previous OCC Degree Year
	7	awdyr.7	awdyr.7: Previous OCC Degree Year
	8	awdyr.8	awdyr.8: Previous OCC Degree Year

**Generated Variables**

Original Variable	Result	
	Name	Label
Previous OCC Degree program	1	occdeg.1: Previous OCC Degree program
	2	occdeg.2: Previous OCC Degree program
	3	occdeg.3: Previous OCC Degree program
	4	occdeg.4: Previous OCC Degree program
	5	occdeg.5: Previous OCC Degree program
	6	occdeg.6: Previous OCC Degree program
	7	occdeg.7: Previous OCC Degree program
	8	occdeg.8: Previous OCC Degree program

**Processing Statistics**

Cases In	1376
Cases Out	1228
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

DEMO 061E NonTraditional Winter 2006 EDS  
should use 2005/AY and 2006/AY

Run KIR1,2,3

DATA FILE: STUDENT 2006AYMAY1006 -  
COLLEGE 2006AYMAY1006  
DEGREES 2006AYMAY1006  
HEADCOUNT MAY1006AY0506 merged. DAT

NOTE: TESTS ARE NO LONGER A PART OF  
THE DEMO FILE  
SPORS ARE ONLY FOR THE CREDIT SIDE

Restart

Merge STUDENT/

Reran <sup>For</sup> STUDENT 2005AY JAN 1107. DAT  
DID NOT FIND ANY MISSING STUDENTS

DE =  $\frac{2277}{2271}$   
Demo

\*\*Winter 2006 End of Session NonTrad.  
\*\*\*\*\*Copied from "Colleague DEMO 01032007.SPS", January 12, 2007.  
\*\*\*\*\*The NonTrad Demo will be calculated as of the end of the credit term.  
\*\*\*\*\*include registration in sections with end dates>= to credit term start date.  
\*\*\*\*\*and start dates < next credit term start date.  
\*\*\*\*\*Records in NT Demo with no course activity will be deleted.  
\*\*\*\*\*Data files used: STUDENT file with confirmation of registration with HEADCOUNT Student Course Registration file.  
\*\*\*\*\*Location: I:\Research Data\Student Information System\End of Session  
\*\*\*\*\*Naming Convention: DEMOyyt NonTrad.SAV.  
\*\*\*\*\*Prior to running this syntax several Replace All commands must occur. First, the date portion of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.  
\*\*\*\*\*Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.  
\*\*\*\*\*The foreign person alien status file has a different naming convention and must also be replaced.

\*\*\*\*\*START WITH STUDENT FILE; SAVING AS DEMO IN WIP DIRECTORY.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AYSTUDENT 2006AY MAY1006.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
fmrlname A26
fmrfname A16
fmrname A15
rescnty A6
resstt A2
rescntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
```

vetben A3  
rescode A4  
citizen A1  
address A26  
address2 A26  
city A20  
state A2  
zip A10  
hscty F7.0  
hscode F6.0  
hsname A27  
hscity A20  
hsstate A2  
hsgradmo F2.0  
hsgradyr F2.0  
ged A1  
appmo F2.0  
appday F2.0  
appyr F2.0  
appsess A7  
admst A2  
intent A5  
regcred F5.2  
credatt F5.2  
credearn F5.2  
gpacreds F5.2  
gpapts F6.2  
prevsess A7  
crprog A14  
sdprog 14 X  
ncprog A14  
prevdeg F1.0

CACHE.  
EXECUTE.

#### VARIABLE LABELS

id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
fmrlname 'Former Last Name'  
fmrfname 'Former First Name'  
fmrname 'Former Middle Name'  
rescnty 'County of Residence'  
resstt 'State of Residence'  
rescntry 'Country of Residence'  
alien 'Alien Status'



primlang 'Primary Language'  
immig 'Immigration Status'  
area 'Area Code'  
phone 'Phone Number'  
gender 'Gender'  
ethnic 'Race/Ethnicity'  
brthmo 'Birth Month'  
brthda 'Birth Day'  
brthyr 'Birth Year'  
ferpa 'Privacy Code'  
veteran 'Veteran Status'  
vetben 'Veterans Benefits'  
rescode 'Residency Code'  
citizen 'U.S. Citizenship'  
address 'Address'  
address2 'Address Line 2'  
city 'City'  
state 'State'  
zip 'Zip Code'  
hscnty 'High School County'  
hscode 'High School Code'  
hsname 'High School Name'  
hscity 'High School City'  
hsstate 'High School State'  
hsgradmo 'High School Graduation Month'  
hsgradyr 'High School Graduation Year'  
ged 'GED'  
appmo 'OCC Application Month'  
appday 'OCC Application Day'  
appyr 'OCC Application Year'  
appsess 'Intended Starting Session'  
admst 'Admission Status'  
intent 'Educational Goal'  
regcred 'Colleague Recorded Credits Registered this term'  
credatt 'Credits Attempted OCC Career'  
credearn 'Credits Earned OCC Career'  
gpacreds 'Credits Calculated in GPA'  
gpapts 'Grade Points Earned OCC Career'  
prevsess 'Last Session Attended'  
crprog 'Credit Program'  
ncprog 'Non-Credit Program'  
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'  
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'  
'TA' 'Transfer after obtaining degree or certificate'  
'DC' 'Obtain OCC degree or certificate'  
'ER' 'Employment Related Knowledge'

'EN' 'Gain knowledge unrelated to employment'  
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'  
'TR' 'Temporary Resident'  
'RE' 'Refugee/Asylee'  
'RA' 'Resident Alien'  
'NI' 'Non-Immigrant'  
'NR' 'Non-Resident Alien'  
'UN' 'Unknown'  
'AU' 'Au Pair'  
'F1' 'F-1 Student'  
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'  
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'  
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'  
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'  
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'  
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White'.

\*\*\*\*\*To prepare file for merge.  
SORT CASES BY  
id (A) .

\*\*\*\*\*To remove blanks and test accounts.  
FILTER OFF.  
USE ALL.  
SELECT IF (id NE ' )

```
' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'FOREIGN PERSON ALIEN STATUS' FILE.
****Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
***** is corrected to bring in this variable from the Foreign Person file rather than the Person file.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'fpalst 2006AY EOS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

```
VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.
```

```
CACHE.
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 061E
NonTrad.sav'
/COMPRESSED.
```

```
***** MERGE IN FPALST (Corrected Alien Status).
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 061E
NonTrad.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'REPRACE' AND ADD TO DEMO.
*****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*****alien status. State and federal reporting requirements include reporting non-resident aliens
*****as a separate race/ethnicity.
```

```
STRING reprace (A8).
IF (fpalst = 'Y') reprace = 'NR' .
IF (fpalst NE 'Y') reprace = ethnic .
VARIABLE LABELS reprace 'Reported Race/Ethnicity' .
EXECUTE .
```

```
value labels reprace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE (TRANSFERS/COLLEGE) FILE.
*****Develop the transfers file, which provides the codes for and credits earned at other colleges
*****students attended.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'\COLLEGE 2006AY MAY1006.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
```

```
' & id NE ' ).  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer061E  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer061E NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer061E  
NonTrad.sav'.
```

```
*****MERGE TRANSFER DATA INTO DEMO FILE.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer061E NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE PREVIOUS DEGREES FILE.
```

```
*****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
*created prior to Fall 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
\DEGREES 2006AY MAY1006.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

VARIABLE LABELS

```
id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
SELECT IF(id ~=
```

```
' & id NE ').  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= '') occdeg = CONCAT(major,':',spec,':',awd) .  
IF (spec = '') occdeg = CONCAT (major,':',awd).  
EXECUTE .
```

```
SAVE OUTFILE='!:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 061E NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='!:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 061E  
NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='!:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 061E NonTrad.sav'.
```

```
*****MERGE DEGREES DATA INTO DEMO FILE.
```

```
GET  
FILE='!:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='!:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 061E  
NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='!:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE TERM ACTIVITY.
```

```
**!\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTMAY1006AY0506merged.SAV
```

```
*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The  
*****following syntax creates the needed variables using the same counting rules as the  
*****official enrollment report. Status is the term status.
```

```
GET  
FILE = '!:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+
```

'HEADCOUNTMAY1006AY0506merged.SAV'.

FILTER OFF.  
USE ALL.  
SELECT IF(id ~= ')



```
' & id ~= '' & id NE '0554404' & id NE '0646743' &
  id NE '0646744' & id NE '0646750' & id NE '0646751'
  & id NE '0643236').
EXECUTE .
```

```
FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
  campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = ccred .
IF (loc = 'HL') credhl = ccred.
IF (loc = 'OR') credor = ccred.
IF (loc = 'RO') credro = ccred.
IF (loc = 'SF') credsf = ccred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
  creddw = ccred.
EXECUTE .
```

```
RECODE
  cred campah camphl campor campro campsf campdw credah credhl
  credor credro credsf creddw (MISSING=0) .
EXECUTE .
```

#### AGGREGATE

```
/OUTFILE='I:\Research Data\Student Information System\End of Session\Student Course Registration
\course activity 061E NonTrad.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
/campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses
Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
Royal Oak' =
SUM(credro) /creditsf 'Credits Registered at Southfield' = SUM(creditsf) /credwdw 'Credits Registered District
Wide' =
SUM(credwdw).
```

GET

FILE='I:\Research Data\Student Information System\End of Session\Student Course Registration\course activity 061E NonTrad.sav'.

IF ((campah + camphi + campor + campro + camps + campdw) > 0) status = 1 .  
VARIABLE LABELS status 'Student Status in Term' .  
EXECUTE .

IF ((campah > 0 & camphi > 0) OR  
(campah > 0 & campor > 0) OR  
(campah > 0 & campro > 0) OR  
(campah > 0 & camps > 0) OR  
(campah > 0 & campdw > 0) OR  
(camphi > 0 & campor > 0) OR  
(camphi > 0 & campro > 0) OR  
(camphi > 0 & camps > 0) OR  
(camphi > 0 & campdw > 0) OR  
(campor > 0 & campro > 0) OR  
(campor > 0 & camps > 0) OR  
(campor > 0 & campdw > 0) OR  
(campro > 0 & camps > 0) OR  
(campro > 0 & campdw > 0) OR  
(camps > 0 & campdw > 0)) multi = 1.  
VARIABLE LABELS multi 'Attends multiple campuses'.  
EXECUTE .

FORMATS campah (F8.0) / camphi (F8.0) / campor (F8.0) / campro (F8.0) / camps (F8.0) / campdw (F8.0).  
EXECUTE.  
FORMATS multi (F8.0).  
EXECUTE.

SORT CASES BY  
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Student Course Registration\course activity 061E NonTrad.sav'  
/COMPRESSED.

\*\*\*\*\*MERGE TERM ACTIVITY INTO DEMO FILE

\*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E NonTrad.sav'.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\End of Session\Student Course Registration\course activity 061E NonTrad.sav'

/BY id.  
EXECUTE.

\*\*\*\*\*CREATE "FTIAC" variable.  
\*\*\*\*Calculate FTIAC (First Time in Any College). Note the following: status refers to active  
\*\*\*\*status in at least one course. 'admst' (Admit Status) refers to the student's self-reported  
\*\*\*\*admission status, with FT being First Time in Any College. Previous Session (prevsess)  
\*\*\*\*null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)  
\*\*\*\*greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high  
\*\*\*\*school. Transfer college (tcoll) variables indicate activity at other colleges, except those  
\*\*\*\*indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)  
\*\*\*\*of Guest or High School Dual Enrollment eliminates a student from being considered as  
\*\*\*\*first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate  
\*\*\*\*attendance at OCC.

STRING ftiac (A2).

IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+  
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = '') ftiac = 'Y'.

VARIABLE LABELS ftiac 'Calculated FTIAC'.  
EXECUTE.

\*\*\*\*\*DELETE STUDENTS WITHOUT COURSE ACTIVITY.  
FILTER OFF.  
USE ALL.  
SELECT IF(status = 1).  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E  
NonTrad.sav'  
/COMPRESSED.

\*\*\*\*\*DETERMINE IF STUDENT IS ALSO ENROLLED IN A CREDIT COURSE.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\End of Session\Demo'+  
'061E.sav'  
/RENAME (address address2 admst alien appday appmo appsess appyr area  
awdmo.1 awdmo.2 awdmo.3 awdmo.4 awdmo.5 awdmo.6 awdmo.7 awdmo.8 awdyr.1  
awdyr.2 awdyr.3 awdyr.4 awdyr.5 awdyr.6 awdyr.7 awdyr.8 brthda brthmo brthyr  
campah campdw camppl campor campro campsf citizen city credah credatt creddw  
credearn credhl credits credor credro credsf crprog ethnic ferpa fmrfname  
fmrlname fmrname fname fpalst ftiac ged gender gpacreds gpapts homcmp  
hscity hscnty hscode hsgradmo hsgradyr hsname hsstate immig intent lname  
mname multi ncprog occdeg.1 occdeg.2 occdeg.3 occdeg.4 occdeg.5 occdeg.6

```
occdeg.7 occdeg.8 phone prevdeg prevsess primlang prvcmp regcred reprice  
rescntry rescnty rescode resstt run ssn state status tcoll.1 tcoll.2 tcoll.3  
tcoll.4 tcoll.5 tcred.1 tcred.2 tcred.3 tcred.4 tcred.5 vetben veteran zip =  
d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20  
d21  
d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38 d39 d40  
d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57 d58 d59  
d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78  
d79 d80 d81 d82 d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95 d96 d97  
d98 d99 d100 d101 d102 d103 d104 d105 d106 d107) term=CredStud  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19  
d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38  
d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57  
d58 d59 d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76  
d77 d78 d79 d80 d81 d82 d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95  
d96 d97 d98 d99 d100 d101 d102 d103 d104 d105 d106 d107.
```

EXECUTE.

RECODE

```
CredStud ('2006/WI'='Y') (ELSE='N') .
```

EXECUTE .

VARIABLE LABELS CredStud 'Student is enrolled in 2006/WI'.

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 061E

NonTrad.sav'

/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Demo 061E NonTrad.sav'.

/COMPRESSED.

# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2006 EOS.sav

## Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

✓ 4-29-08 -ap

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
✓ gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
✓ instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
✓ instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
✓ instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
✓ dept1	39	Department	Nominal	4	Left	A4	A4
✓ dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

*variables  
proofed - 2/6 09*

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	id	String	10	0	Student ID	None	None	10	Left	Nominal
2	ssn	String	11	0	Social Security Number	None	None	11	Left	Nominal
3	lname	String	26	0	Last Name	None	None	26	Left	Nominal
4	fname	String	16	0	First Name	None	None	16	Left	Nominal
5	mname	String	15	0	Middle Name	None	None	15	Left	Nominal
6	homcmp	String	2	0	Home Campus	None	None	2	Left	Nominal
7	prvcmp	String	2	0	Previous Home Campus	None	None	2	Left	Nominal
8	fmrlname	String	26	0	Former Last Name	None	None	26	Left	Nominal
9	fmrfname	String	16	0	Former First Name	None	None	16	Left	Nominal
10	fmrname	String	15	0	Former Middle Name	None	None	15	Left	Nominal
11	rescnty	String	6	0	County of Residence	None	None	6	Left	Nominal
12	resstt	String	2	0	State of Residence	None	None	2	Left	Nominal
13	rescntry	String	5	0	Country of Residence	None	None	5	Left	Nominal
14	alien	String	1	0	Alien Status	None	None	1	Left	Nominal
15	primlang	String	10	0	Primary Language	None	None	10	Left	Nominal
16	immig	String	4	0	Immigration Status	{F1, F-1	None	4	Left	Nominal
17	area	Numeric	3	0	Area Code	None	None	8	Right	Scale
18	phone	String	8	0	Phone Number	None	None	8	Left	Nominal
19	gender	String	1	0	Gender	None	None	1	Left	Nominal
20	ethnic	String	2	0	Race/Ethnicity	{AF, Afri	None	2	Left	Nominal
21	brthmo	Numeric	2	0	Birth Month	None	None	8	Right	Nominal
22	brthda	Numeric	2	0	Birth Day	None	None	8	Right	Scale
23	brthyr	Numeric	2	0	Birth Year	None	None	8	Right	Scale
24	ferpa	String	1	0	Privacy Code	None	None	1	Left	Nominal
25	veteran	String	2	0	Veteran Status	None	None	2	Left	Nominal
26	vetben	String	3	0	Veterans Benefits	None	None	3	Left	Nominal

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
27	rescode	String	4	0	Residency Code	{INID, In	None	4	Left	Nominal
28	citizen	String	1	0	U.S. Citizenship	None	None	1	Left	Nominal
29	address	String	26	0	Address	None	None	26	Left	Nominal
30	address2	String	26	0	Address Line 2	None	None	26	Left	Nominal
31	city	String	20	0	City	None	None	20	Left	Nominal
32	state	String	2	0	State	None	None	2	Left	Nominal
33	zip	String	10	0	Zip Code	None	None	10	Left	Nominal
34	hscnty	Numeric	7	0	High School County	None	None	8	Right	Scale
35	hscode	Numeric	6	0	High School Code	None	None	8	Right	Scale
36	hsname	String	27	0	High School Name	None	None	27	Left	Nominal
37	hscity	String	20	0	High School City	None	None	20	Left	Nominal
38	hsstate	String	2	0	High School State	None	None	2	Left	Nominal
39	hsgradmo	Numeric	2	0	High School Graduation Month	None	None	8	Right	Nominal
40	hsgradyr	Numeric	2	0	High School Graduation Year	None	None	8	Right	Scale
41	ged	String	1	0	GED	None	None	1	Left	Nominal
42	appmo	Numeric	2	0	OCC Application Month	None	None	8	Right	Nominal
43	appday	Numeric	2	0	OCC Application Day	None	None	8	Right	Scale
44	appyr	Numeric	2	0	OCC Application Year	None	None	8	Right	Nominal
45	appsess	String	7	0	Intended Starting Session	None	None	7	Left	Nominal
46	admst	String	2	0	Admission Status	{NC, No	None	2	Left	Nominal
47	intent	String	5	0	Educational Goal	{TA, Tra	None	5	Left	Nominal
48	regcred	Numeric	5	2	Colleague Recorded Credits Registered this term	None	None	8	Right	Scale
49	credatt	Numeric	5	2	Credits Attempted OCC Career	None	None	8	Right	Scale
50	credearn	Numeric	5	2	Credits Earned OCC Career	None	None	8	Right	Scale
51	gpacreds	Numeric	5	2	Credits Calculated in GPA	None	None	8	Right	Scale
52	gpapts	Numeric	6	2	Grade Points Earned OCC Career	None	None	8	Right	Scale



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left	Nominal
54	crprog	String	14	0	Credit Program	None	None	14	Left	Nominal
55	ncprog	String	14	0	Non-Credit Program	None	None	14	Left	Nominal
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doct	None	8	Right	Nominal
57	fpalst	String	2	0	Corrected Alien Status	None	None	2	Left	Nominal
58	reprace	String	8	0	Reported Race/Ethnicity	{AF, Afri	None	10	Left	Nominal
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	35	Left	Nominal
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	10	Right	Scale
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	35	Left	Nominal
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	10	Right	Scale
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	35	Left	Nominal
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	10	Right	Scale
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	35	Left	Nominal
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	10	Right	Scale
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	35	Left	Nominal
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	10	Right	Scale
69	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	None	2	Left	Nominal
70	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	None	2	Left	Nominal
71	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	None	14	Left	Nominal
72	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	None	2	Left	Nominal
73	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	None	2	Left	Nominal
74	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	None	14	Left	Nominal
75	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	None	2	Left	Nominal
76	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	None	2	Left	Nominal
77	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	14	Left	Nominal
78	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	None	2	Left	Nominal

*on master copy  
tcoll. &  
tcred. &*

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
79	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	None	2	Left	Nominal
80	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	None	14	Left	Nominal
81	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	None	2	Left	Nominal
82	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	None	2	Left	Nominal
83	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	None	14	Left	Nominal
84	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	None	2	Left	Nominal
85	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	None	2	Left	Nominal
86	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	None	14	Left	Nominal
87	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	None	2	Left	Nominal
88	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	None	2	Left	Nominal
89	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	None	14	Left	Nominal
90	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	None	2	Left	Nominal
91	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	None	2	Left	Nominal
92	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	None	14	Left	Nominal
93	run	String	10	0	Extract Date	None	None	10	Left	Nominal
94	term	String	7	0	Session	None	None	7	Left	Nominal
95	credits	Numeric	8	2	Credits Registered This Term	None	None	10	Right	Scale
96	campah	Numeric	8	0	Courses Taken at Auburn Hills	None	None	10	Right	Scale
97	camphl	Numeric	8	0	Courses Taken at Highland Lakes	None	None	10	Right	Scale
98	campor	Numeric	8	0	Courses Taken at Orchard Ridge	None	None	10	Right	Scale
99	campro	Numeric	8	0	Courses Taken at Royal Oak	None	None	10	Right	Scale
100	campsf	Numeric	8	0	Courses Taken at Southfield	None	None	10	Right	Scale
101	campdw	Numeric	8	0	Courses Taken District Wide	None	None	10	Right	Scale
102	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	10	Right	Scale
103	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	10	Right	Scale
104	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	10	Right	Scale

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
105	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	10	Right	Scale
106	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	10	Right	Scale
107	creddw	Numeric	8	2	Credits Registered District Wide	None	None	10	Right	Scale
108	status	Numeric	8	2	Student Status in Term	None	None	10	Right	Scale
109	multi	Numeric	8	2	Attends multiple campuses	None	None	10	Right	Scale
110	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left	Nominal

*changed to  
F.S.D  
grid*

	Name	Type	Width	Deci	Label	Values	Missing	Colu	Align
1	id	String	10	0	Student ID	None	None	10	Left
2	ssn	String	11	0	Social Security Number	None	None	11	Left
3	lname	String	26	0	Last Name	None	None	26	Left
4	fname	String	16	0	First Name	None	None	16	Left
5	mname	String	15	0	Middle Name	None	None	15	Left
6	homcmp	String	2	0	Home Campus	None	None	2	Left
7	prvcmp	String	2	0	Previous Home Campus	None	None	2	Left
8	fmrlname	String	26	0	Former Last Name	None	None	26	Left
9	fmrfname	String	16	0	Former First Name	None	None	16	Left
10	fmrname	String	15	0	Former Middle Name	None	None	15	Left
11	rescnty	String	6	0	County of Residence	None	None	6	Left
12	resstt	String	2	0	State of Residence	None	None	2	Left
13	rescntry	String	5	0	Country of Residence	None	None	5	Left
14	alien	String	1	0	Alien Status	None	None	1	Left
15	primlang	String	10	0	Primary Language	None	None	10	Left
16	immig	String	4	0	Immigration Status	{F1, F-1 Stude	None	4	Left
17	area	Numeric	3	0	Area Code	None	None	8	Right
18	phone	String	8	0	Phone Number	None	None	8	Left
19	gender	String	1	0	Gender	None	None	1	Left
20	ethnic	String	2	0	Race/Ethnicity	{AF, African A	None	2	Left
21	brthmo	Numeric	2	0	Birth Month	None	None	8	Right
22	brthda	Numeric	2	0	Birth Day	None	None	8	Right
23	brthyr	Numeric	2	0	Birth Year	None	None	8	Right
24	ferpa	String	1	0	Privacy Code	None	None	1	Left
25	veteran	String	2	0	Veteran Status	None	None	2	Left
26	vetben	String	3	0	Veterans Benefits	None	None	3	Left

	Measure
1	Nominal
2	Nominal
3	Nominal
4	Nominal
5	Nominal
6	Nominal
7	Nominal
8	Nominal
9	Nominal
10	Nominal
11	Nominal
12	Nominal
13	Nominal
14	Nominal
15	Nominal
16	Nominal
17	Scale
18	Nominal
19	Nominal
20	Nominal
21	Nominal
22	Scale
23	Scale
24	Nominal
25	Nominal
26	Nominal

	Name	Type	Width	Deci	Label	Values	Missing	Colu	Align
27	rescode	String	4	0	Residency Code	{INID, Internati	None	4	Left
28	citizen	String	1	0	U.S. Citizenship	None	None	1	Left
29	address	String	26	0	Address	None	None	26	Left
30	address2	String	26	0	Address Line 2	None	None	26	Left
31	city	String	20	0	City	None	None	20	Left
32	state	String	2	0	State	None	None	2	Left
33	zip	String	10	0	Zip Code	None	None	10	Left
34	hscnty	Numeric	7	0	High School County	None	None	8	Right
35	hscode	Numeric	6	0	High School Code	None	None	8	Right
36	hsname	String	27	0	High School Name	None	None	27	Left
37	hscity	String	20	0	High School City	None	None	20	Left
38	hsstate	String	2	0	High School State	None	None	2	Left
39	hsgradmo	Numeric	2	0	High School Graduation Month	None	None	8	Right
40	hsgradyr	Numeric	2	0	High School Graduation Year	None	None	8	Right
41	ged	String	1	0	GED	None	None	1	Left
42	appmo	Numeric	2	0	OCC Application Month	None	None	8	Right
43	appday	Numeric	2	0	OCC Application Day	None	None	8	Right
44	appyr	Numeric	2	0	OCC Application Year	None	None	8	Right
45	appsess	String	7	0	Intended Starting Session	None	None	7	Left
46	admst	String	2	0	Admission Status	{NC, Non Cred	None	2	Left
47	intent	String	5	0	Educational Goal	{TA, Transfer	None	5	Left
48	regcred	Numeric	5	2	Colleague Recorded Credits Registered this t	None	None	8	Right
49	credatt	Numeric	5	2	Credits Attempted OCC Career	None	None	8	Right
50	credearn	Numeric	5	2	Credits Earned OCC Career	None	None	8	Right
51	gpacreds	Numeric	5	2	Credits Calculated in GPA	None	None	8	Right
52	gpapts	Numeric	6	2	Grade Points Earned OCC Career	None	None	8	Right

	Measure
27	Nominal
28	Nominal
29	Nominal
30	Nominal
31	Nominal
32	Nominal
33	Nominal
34	Scale
35	Scale
36	Nominal
37	Nominal
38	Nominal
39	Nominal
40	Scale
41	Nominal
42	Nominal
43	Scale
44	Nominal
45	Nominal
46	Nominal
47	Nominal
48	Scale
49	Scale
50	Scale
51	Scale
52	Scale

	Name	Type	Width	Deci	Label	Values	Missing	Colu	Align
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left
54	crprog	String	14	0	Credit Program	None	None	14	Left
55	ncprog	String	14	0	Non-Credit Program	None	None	14	Left
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doctorate}..	None	8	Right
57	fpalst	String	2	0	Corrected Alien Status	None	None	2	Left
58	reprace	String	8	0	Reported Race/Ethnicity	{AF, African A	None	10	Left
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	35	Left
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	10	Right
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	35	Left
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	10	Right
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	35	Left
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	10	Right
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	35	Left
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	10	Right
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	35	Left
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	10	Right
69	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	None	2	Left
70	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	None	2	Left
71	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	None	14	Left
72	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	None	2	Left
73	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	None	2	Left
74	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	None	14	Left
75	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	None	2	Left
76	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	None	2	Left
77	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	14	Left
78	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	None	2	Left



	Measure
53	Nominal
54	Nominal
55	Nominal
56	Nominal
57	Nominal
58	Nominal
59	Nominal
60	Scale
61	Nominal
62	Scale
63	Nominal
64	Scale
65	Nominal
66	Scale
67	Nominal
68	Scale
69	Nominal
70	Nominal
71	Nominal
72	Nominal
73	Nominal
74	Nominal
75	Nominal
76	Nominal
77	Nominal
78	Nominal

	Name	Type	Width	Deci	Label	Values	Missing	Colu	Align
79	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	None	2	Left
80	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	None	14	Left
81	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	None	2	Left
82	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	None	2	Left
83	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	None	14	Left
84	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	None	2	Left
85	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	None	2	Left
86	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	None	14	Left
87	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	None	2	Left
88	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	None	2	Left
89	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	None	14	Left
90	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	None	2	Left
91	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	None	2	Left
92	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	None	14	Left
93	run	String	10	0	Extract Date	None	None	10	Left
94	term	String	7	0	Session	None	None	7	Left
95	credits	Numeric	8	2	Credits Registered This Term	None	None	10	Right
96	campah	Numeric	8	2	Courses Taken at Auburn Hills	None	None	10	Right
97	camphl	Numeric	8	2	Courses Taken at Highland Lakes	None	None	10	Right
98	campor	Numeric	8	2	Courses Taken at Orchard Ridge	None	None	10	Right
99	campro	Numeric	8	2	Courses Taken at Royal Oak	None	None	10	Right
100	campsf	Numeric	8	2	Courses Taken at Southfield	None	None	10	Right
101	campdw	Numeric	8	2	Courses Taken District Wide	None	None	10	Right
102	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	10	Right
103	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	10	Right
104	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	10	Right

	Measure
79	Nominal
80	Nominal
81	Nominal
82	Nominal
83	Nominal
84	Nominal
85	Nominal
86	Nominal
87	Nominal
88	Nominal
89	Nominal
90	Nominal
91	Nominal
92	Nominal
93	Nominal
94	Nominal
95	Scale
96	Scale
97	Scale
98	Scale
99	Scale
100	Scale
101	Scale
102	Scale
103	Scale
104	Scale

	Name	Type	Width	Deci	Label	Values	Missing	Colu	Align
105	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	10	Right
106	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	10	Right
107	creddw	Numeric	8	2	Credits Registered District Wide	None	None	10	Right
108	status	Numeric	8	2	Student Status in Term	None	None	10	Right
109	multi	Numeric	8	2	Attends multiple campuses	None	None	10	Right
110	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left

	Measure
105	Scale
106	Scale
107	Scale
108	Scale
109	Scale
110	Nominal

## File Information

[DataSet4] I:\Research Data\Student Information System\Raw Data files\WIP\Summer II OTD 2006 Course Registrations.sav

### Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

8/22 ap ✓

Summer II 06 OTD Credit (credits) by campus.sav

	loc	cred_1
1	AH	5265.00
2	HL	3159.00
3	OR	7201.00
4	RO	4271.00
5	SF	1170.00

	Name	Type	Width	Decimals	Label	Values
1	run	String	10	0	Extract Date	None
2	cred_1	Numeric	8	2		None



	Missing	Columns	Align	Measure
1	None	10	Left	Nominal
2	None	10	Right	Scale

# Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Summer II OTD 2006 HEADCOUNTJul1106 Unduplicated.SAV

## Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus	Attends Districtwide Campus	Attends multiple campuses
N	Valid	5451	5451	5451	5451	5451	5451	445
	Missing	0	0	0	0	0	0	5006

## Frequency Table

### Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	3970	72.8	72.8	72.8
	1.00	1481	27.2	27.2	100.0
Total		5451	100.0	100.0	

### Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	4541	83.3	83.3	83.3
	1.00	910	16.7	16.7	100.0
Total		5451	100.0	100.0	

### Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	3543	65.0	65.0	65.0
	1.00	1908	35.0	35.0	100.0
Total		5451	100.0	100.0	

*doesn't match OER  
Jun 30  
Jul 02  
included in SUILOER  
in error.*

**Attends Royal Oak Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	4202	77.1	77.1	77.1
	1.00	1249	22.9	22.9	100.0
	Total	5451	100.0	100.0	

**Attends Southfield Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	5082	93.2	93.2	93.2
	1.00	369	6.8	6.8	100.0
	Total	5451	100.0	100.0	

**Attends Districtwide Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	5451	100.0	100.0	100.0

**Attends multiple campuses**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	445	8.2	100.0	100.0
Missing	System	5006	91.8		
	Total	5451	100.0		

## File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Summer I FDS 2006 Course Registrations.sav

### Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

9/1/06

# Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Summer I FDS 2006  
 HEADCOUNTMay0806 Unduplicated.SAV

## Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus
N	Valid	13259	13259	13259	13259	13259
	Missing	0	0	0	0	0

## Statistics

		Attends Districtwide Campus	Attends multiple campuses
N	Valid	13259	1717
	Missing	0	11542

# Frequency Table

*DER*

### Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9322	70.3	70.3	70.3
	1.00	3937	29.7	29.7	100.0
Total		13259	100.0	100.0	

*3937*

### Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	10785	81.3	81.3	81.3
	1.00	2474	18.7	18.7	100.0
Total		13259	100.0	100.0	

### Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9634	72.7	72.7	72.7
	1.00	3625	27.3	27.3	100.0
Total		13259	100.0	100.0	

**Attends Royal Oak Campus**

*oel*

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9633	72.7	72.7	72.7
	1.00	3626	27.3	27.3	100.0
Total		13259	100.0	100.0	

*3625*

**Attends Southfield Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	11855	89.4	89.4	89.4
	1.00	1404	10.6	10.6	100.0
Total		13259	100.0	100.0	

*1402*

**Attends Districtwide Campus ✓**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	13259	100.0	100.0	100.0

**Attends multiple campuses**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	1717	12.9	100.0	100.0
Missing	System	11542	87.1		
Total		13259	100.0		

*1712*

*13246*

OER

	loc	cred_1
1	AH	17764.00
2	HL	9891.00
3	OR	15505.00
4	RO	15775.00
5	SF	6259.00

✓ 17700

✓ 15769.00

6252.00

	run	cred_1
1	05/08/200	65194.00

65117