

demo file variables.xls  
Demo045T

id ✓	String	10	0	Student ID
ssn ✓	String	11	0	Social Security Number
lname ✓	String	26	0	Last Name
fname ✓	String	16	0	First Name
mname ✓	String	10	0	Middle Name
homcmp ✓	String	2	0	Home Campus
prvcmp ✓	String	2	0	Previous Home Campus
fmrlname ✓	String	26	0	Former Last Name
fmrfname ✓	String	16	0	Former First Name
fmrmmname ✓	String	15	0	Former Middle Name
rescnty ✓	String	6	0	County of Residence
resstt ✓	String	2	0	State of Residence
rescntry ✓	String	5	0	Country of Residence
alien ✓	String	1	0	Alien Status
primlang ✓	String	10	0	Primary Language
immig ✓	String	4	0	Immigration Status
area ✓	Numeric	3	0	Area Code
phone ✓	String	8	0	Phone Number
gender ✓	String	1	0	Gender
ethnic ✓	String	2	0	Race/Ethnicity
brthmo ✓	Numeric	2	0	Birth Month
brthda ✓	Numeric	2	0	Birth Day
brthyr ✓	Numeric	2	0	Birth Year
ferpa ✓	String	1	0	Privacy Code
veteran ✓	String	2	0	Veteran Status
vetben ✓	String	3	0	Veterans Benefits
rescode ✓	String	4	0	Residency Code
citizen ✓	String	1	0	U.S. Citizenship
address ✓	String	26	0	Address
address2 ✓	String	26	0	Address Line 2
city ✓	String	20	0	City
state ✓	String	2	0	State
zip ✓	String	10	0	Zip Code
hscnty ✓	Numeric	7	0	High School County
hscode ✓	Numeric	6	0	High School Code
hsname ✓	String	27	0	High School Name
hscity ✓	String	16	0	High School City
hsstate ✓	String	2	0	High School State
hsgradmo ✓	Numeric	1	0	High School Graduation Month
hsgradyr ✓	Numeric	1	0	High School Graduation Year
ged ✓	String	1	0	GED
appmo ✓	Numeric	2	0	OCC Application Month
appday ✓	Numeric	2	0	OCC Application Day
appyr ✓	Numeric	2	0	OCC Application Year
appsess ✓	String	7	0	Intended Starting Session
admst ✓	String	2	0	Admission Status
intent ✓	String	5	0	Educational Goal
credatt ✓	Numeric	5	2	Credits Attempted OCC Career
credearn ✓	Numeric	5	2	Credits Earned OCC Career
gpacreds ✓	Numeric	5	2	Credits Calculated in GPA
gpapts ✓	Numeric	6	2	Grade Points Earned OCC Career
prevsess ✓	String	7	0	Last Session Attended

crprog	String	14	0	Credit Program
ncprog	String	7	0	Non-Credit Program
prevdeg	Numeric	1	0	Highest Degree Obtained
fpalst	String	2	0	Corrected Alien Status
repace	String	8	0	Reported Race/Ethnicity
tcoll.1	String	35	0	tcoll.1: Transfer College
tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College
tcoll.2	String	35	0	tcoll.2: Transfer College
tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College
tcoll.3	String	35	0	tcoll.3: Transfer College
tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College
tcoll.4	String	35	0	tcoll.4: Transfer College
tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College
tcoll.5	String	35	0	tcoll.5: Transfer College
tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College
tcoll.6	String	35	0	tcoll.6: Transfer College
tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College
occddeg.1	String	12	0	occddeg.1: Previous OCC Degree program
awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month
awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year
occddeg.2	String	12	0	occddeg.2: Previous OCC Degree program
awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month
awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year
occddeg.3	String	12	0	occddeg.3: Previous OCC Degree program
awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month
awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year
occddeg.4	String	12	0	occddeg.4: Previous OCC Degree program
awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month
awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year
occddeg.5	String	12	0	occddeg.5: Previous OCC Degree program
awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month
awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year
occddeg.6	String	12	0	occddeg.6: Previous OCC Degree program
awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month
awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year
occddeg.7	String	12	0	occddeg.7: Previous OCC Degree program
awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month
awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year
run	String	10	0	Extract Date
term	String	7	0	Session
campah	Numeric	8	2	Courses Taken at Auburn Hills
camphl	Numeric	8	2	Courses Taken at Highland Lakes
campor	Numeric	8	2	Courses Taken at Orchard Ridge
campro	Numeric	8	2	Courses Taken at Royal Oak
campsf	Numeric	8	2	Courses Taken at Southfield
campdw	Numeric	8	2	Courses Taken Districtwide
credah	Numeric	8	2	Credits Registered Auburn Hills
credhl	Numeric	8	2	Credits Registered Highland Lakes
credor	Numeric	8	2	Credits Registered Orchard Ridge
credro	Numeric	8	2	Credits Registered Royal Oak
credsf	Numeric	8	2	Credits Registered Southfield
credwd	Numeric	8	2	Credits Registered Districtwide

demo file variables.xls  
Demo045T

credits	✓ Numeric	8	2	Credits Registered
status	✓ Numeric	8	2	Student Status in Term
ftiac	✓ String	8	0	Calculated FTIAC

## TERM DEMOGRAPHIC AND COURSE FILE PROCESS

Seven files are extracted out of Colleague to form the basic IR demographic and course files. The "Headcount" and "Course" files are generated automatically. These two files provide information about student course registrations and the courses themselves.

The following files are produced by running the Colleague program "XIR3": "Student," "Colleges," "Degrees," "Tests," and "SPOPS." The first three files produce the SPSS "Demo" file. Selected elements from Test are added in as well. SPOPS is produced solely for the purpose of State Reporting.

### RUN THE EXTRACTS

1. In Colleague, enter the mnemonic "XIR3." A window requesting the term appears. Enter the term, hit the save icon, and save out of the ensuing windows.
2. After the program runs the report, the files must be imported to the IR network drive (I). To do this, select "Import file" under the Options menu. The Host file is HOLD.
  - a. An easy way to select the files is to click on the Item button, which produces a search window. Select the "begins" radio button, and enter the following starting sequence for each report. Note that only one search item can be entered.
  - b. This list is provided for each report to import:  
"X.IR.STUDENT.FILE.#####" , "X.IR.COLLEGE.FILE.#####" ,  
"X.IR.DEGREES.FILE.#####" , "X.IR.TESTS.FILE.#####" , AND  
"X.IR.SPOPS.FILE.#####" . The ##### indicates entering the year and month to narrow the search. (E.g. X.IR.STUDENT.FILE.200409).
  - c. Each report must be imported by itself. The Local file to which the data should be imported is the term file, the raw data folder. The naming convention is to use the Colleague file name (e.g. STUDENT) followed by the date (no spaces) and given the "DAT" extension. For example, STUDENT09082004.DAT.

### CREATE THE SPSS DATA BASE – BASIC DEMOGRAPHIC INFORMATION

- ✓1. The first syntax is "Colleague Demo." This converts the "Student" file into SPSS.
- ✓2. Note that the ID selection criteria eliminates test and dummy ids known to IR. - not
- ✓3. Until the extract program is corrected, (as of July 2004 it had not been), the correct "Alien Status" must be imported. (Until July 2003 this information was contained in the PERSON file; after that time the information is stored in the FOREIGN.PERSON file for students). Run the query, "IR Students by term" to generate a saved list of students, and then the query "Save Foreign Person Alien Status."
- ✓4. Run the SPSS syntax "Foreign Person Alien Status" to convert the Colleague extract file into SPSS. Return to the "Demo" File, and merge the newly created fpalst variable into the Demo file.

- ✓ 5. Run the syntax "Reported RaceEthnicity" to get a Reported Race Ethnicity variable incorporating Non Resident Alien status.

#### ✓ CREATE THE TRANSFER COLLEGE FILE

1. Run the "Transfers" syntax, which imports the "Colleges.dat" file into SPSS.
2. Please note that the variable "tcred" is computed to reduce the credits to the correct size. Decimals were not included in the extract resulting in an import of credits multiplied by 100.
3. Note that the syntax restructures the file to unduplicated by student id. The number of "tcoll" and "tcred" (Transfer college and transfer credits) variables may change to term depending on the maximum number of transfers by any student.

#### ✓ CREATE THE PREVIOUS OCC DEGREES FILE

1. Run the SPSS syntax "Previous OCC Degrees after Summer I 2003." (Prior to Summer I 2003 the information was extracted differently). This converts the Degrees.dat file into SPSS.
2. Note that the syntax restructures the file to unduplicated by student id. The number of "occdeg" (OCC degree program) variables may change to term depending on the maximum number of degrees earned by any student.

#### ENROLLMENT DATA

1. Information regarding student credit enrollment is available as summary data (credits per campus, total credits) through the Official Enrollment Report base data.
2. Information regarding individual student course taking is available through a duplicated student database in the "Student Course Registration" folder. Instructions regarding the use of this database will be included in that folder.

#### MERGE THE INFORMATION FOR THE DEMO FILE

1. Open the "Demo" file if it is not open already. Merge in the transfer file, adding only the "tcoll" and "tcred" variables. (Recall, the "cred" variables are the transfer credits multiplied by 100).
2. Merge in the previous OCC degrees file. Add only the "awdmo" (Award Month), "awdyr" (Award Year) and "occdeg" (OCC Degree) variables.
3. Run the 'FTIAC' syntax to incorporate the calculated FTIAC variable.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Fall 2004\Raw Data\X.IR:STUDENT.FILE.20040914'

/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

fmrmmname 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 A16

hsstate A2

hsgradmo F1.0

hsgradyr F1.0

ged A1

appmo F2.0

appday F2.0

appyr F2.0

appsess A7

admst A2

intent A5

credreg 5 X

credatt F5.2

credearn F5.2

gpacreds F5.2

gpapts F6.2

prevsess A7

crprog A14

sdprog 14 X

ncprog A7

prevdeg F1.0

→ changed to "1" for this file only

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'  
fmrmname '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'  
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\Fall 2004\Raw Data'+  
'\Demo 045T.sav'.

\*STOP Go run "Foreign Person Alien Status",

\* Add fpalst (Corrected Alien Status).

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Foreign Person 045T.sav'

/BY id.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+  
'\Demo 045T.sav'.

\*STOP Run "Reported RaceEthnicity".

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+  
'\Demo 045T.sav'.

\*Stop, go run "Transfers", "Previous OCC Degrees after Summer I 2003".

GET  
FILE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Demo 045T.sav'.

\*To merge in the transfer file variables.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Transfer045T.sav'

/RENAME (cred.1 cred.2 cred.3 cred.4 cred.5 cred.6 fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9



```
d10
d11)
/BY id
/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'Demo 045T.sav'.
```

\*To merge in the Previous OCC degrees variables AWDYR, AWDMO, OCCDEG.

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Previous OCC Degrees 045T.sav'
/RENAME (awd.1 awd.2 awd.3 awd.4 awd.5 awd.6 awd.7 fname homcmp lname major.1 major.2 major.3 major.4 major.5
major.6
major.7 mname prvcmp spec.1 spec.2 spec.3 spec.4 spec.5 spec.6 spec.7 ssn = 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)
/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.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'Demo 045T.sav'.
```

\*To prepare to run "FTIAC" syntax, you must add "stat" from the Official Enrollment unduplicated headcount file.  
\*stat is the status in each course.

```
MATCH FILES /FILE=*
/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\Fall OTD 2004HEADCOUNTsep1404'+
' 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 HL hmcp last
loc.1 loc.2 loc.3 loc.4 loc.5 loc.6 loc.7 loc.8 midd 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 RO run SF ssn 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)
/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.
EXECUTE.
```

\*\*\*NOTE, September 2004. If credits by campus are not available, compute them using the Duplicated  
\*\*\*credit file. Then, aggregate by student id to determine credits taken at each campus.

```
GET FILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\headcount fall OTD credit 2004.sav'.
IF (stat = 'A' & loc = 'AH') credah = cred .
IF (stat = 'A' & loc = 'HL') credhl = cred .
IF (stat = 'A' & loc = 'OR') credor = cred .
IF (stat = 'A' & loc = 'RO') credro = cred .
IF (stat = 'A' & loc = 'SF') credsf = cred .
IF (stat = 'A' & (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' &
loc NE 'SF')) creddw = cred .
VARIABLE LABELS credah 'Credits taken at Auburn Hills'
credhl 'Credits taken at Highland Lakes'
credor 'Credits taken at Orchard Ridge'
credro 'Credits taken at Royal Oak'
credsf 'Credits taken at Southfield'
creddw 'Credits taken Districtwide' .
```

EXECUTE .

SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\headcount fall OTD credit 2004.sav'.

AGGREGATE

```
/OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\headcount fall OTD credit 2004'+  
' aggregate by student.sav'  
/BREAK=id  
/credah 'Credits taken at Auburn Hills' = SUM(credah)  
/credhl 'Credits taken at Highland Lakes' = SUM(credhl)  
/credor 'Credits taken at Orchard Ridge' = SUM(credor)  
/credro 'Credits taken at Royal Oak' = SUM(credro)  
/credfs 'Credits taken at Southfield' = SUM(credfs)  
/creddw 'Credits taken at Districtwide' = SUM(creddw).
```

```
GET FILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\headcount fall OTD credit 2004 aggregate  
by'+  
' student.sav'.
```

SORT CASES BY

id (A) .

```
SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\headcount fall OTD credit 2004  
aggregate by'+  
' student.sav'.
```

\*Merge credits from aggregated file to demo file.

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Demo 045T.sav'.
```

MATCH FILES /FILE=\*

```
/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\headcount fall OTD credit 2004 aggregate'+  
' by student.sav'  
/BY id.  
EXECUTE.
```

```
COMPUTE credits = credah + credhl + credor + credro + credits + creddw .  
EXECUTE .
```

```
IF (credits > 0) status = 1 .  
IF (credits < 1) status = 0.  
EXECUTE .
```

\*Next you have to compute status for the term.

```
IF (stat = 'A' & (credah > 0 | credhl > 0 | credor > 0 | credro > 0 | credits > 0 | creddw > 0)) status = 1 .  
VARIABLE LABELS status 'Student Status in Term' .  
EXECUTE .
```

\*Run "FTIAC" syntax.

\*Save file.

*Label  
for credits?  
credro?  
med  
Recode*

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Fall 2004\Raw Data\STUDENTSEP1404.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

hs cnty F7.0

hscode F6.0

hsname A27

hscity A16

hsstate A2

hsgradmo F1.0

hsgradyr F1.0

ged A1

appmo F2.0

appday F2.0

appyr F2.0

appsess A7

admst A2

intent A5

credreg 5 X

credatt F5.2

credearn F5.2

gpacreds F5.2

gpapts F6.2

prevsess A7

crprog A14

sdprog 14 X

ncprog A7

prevdeg F1.0

CACHE.

X. IR.

Redo

also try  
FDS student  
no good  
Reran X123  
try again

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'  
fmrmname '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'  
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\Fall 2004\Raw Data'+  
'\Demo 045T.sav'.

\*STOP Go run "Foreign Person Alien Status",

\* Add fpalst (Corrected Alien Status).  
MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Foreign Person 045T.sav'  
/BY id.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+  
'\Demo 045T.sav'.

\*STOP Run "Reported RaceEthnicity".

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+  
'\Demo 045T.sav'.

\*Stop, go run "Transfers", "Previous OCC Degrees after Summer I 2003".

GET  
FILE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Demo 045T.sav'.

\*To merge in the transfer file variables.  
MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Transfer045T.sav'  
/RENAME (cred.1 cred.2 cred.3 cred.4 cred.5 cred.6 fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9

```
d10 `
d11)
/BY id
/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'Demo 045T.sav'.
```

\*To merge in the Previous OCC degrees variables.

```
MATCH FILES /FILE=*
*/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Previous OCC Degrees 045T.sav'
*/RENAME (awd.1 awd.2 awd.3 fname homcmp lname major.1 major.2 major.3 mname prvcmp spec.1 spec.2 spec.3 ssn = d0 d1
d2 d3 d4
d5 d6 d7 d8 d9 d10 d11 d12 d13 d14)
/BY id
*/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14.
EXECUTE.
```

```
MATCH FILES /FILE=*
*/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Previous OCC Degrees 045T.sav'
*/RENAME (awd.1 awd.2 awd.3 awd.4 awd.5 awd.6 awd.7 fname homcmp lname major.1 major.2 major.3 major.4 major.5 major.6
major.7 mname prvcmp spec.1 spec.2 spec.3 spec.4 spec.5 spec.6 spec.7 ssn = 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)
/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.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'Demo 045T.sav'.
```

\*To prepare to run "FTIAC" syntax, you must add "stat" from the Official Enrollment unduplicated headcount file.  
\*stat is the status in each course.

```
MATCH FILES /FILE=*
*/TABLE='I:\Internal Reporting\Enrollment\Official Enrollment\Raw Data\OTD fall 04\Fall OTD 2004HEADCOUNTsep1404'+
'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 HL hmcp last
loc.1 loc.2 loc.3 loc.4 loc.5 loc.6 loc.7 loc.8 midd 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 RO run SF ssn 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)
/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.
EXECUTE.
```

\*Next you have to compute status for the term.

```
IF (stat = 'A' & (credah > 0 | credhl > 0 | credor > 0 | credro > 0 | credsf > 0 | creddw > 0)) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .
```

\*Run "FTIAC" syntax.  
\*Save file.

\*\*\*NOTE, September 2004. If credits by campus are not available, compute them using the Duplicated  
\*\*\*credit file. Then, aggregate by student id to determine credits taken at each campus.

"headcount fall OTD  
Credit 2004.sav"

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

```
VARIABLE LABELS credah 'Credits taken at Auburn Hills'
```

```
credhl 'Credits taken at Highland Lakes'
```

```
credor 'Credits taken at Orchard Ridge'
```

```
credro 'Credits taken at Royal Oak'
```

```
credsf 'Credits taken at Southfield'
```

```
creddw 'Credits taken Districtwide' .
```

```
EXECUTE .
```

```
COMPUTE credits = credah + credhl + credor + credro + credsf + creddw .
```

```
EXECUTE .
```

```
IF (credits > 0) status = 1 .
```

```
IF (credits < 1) status = 0.
```

```
EXECUTE .
```

GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Fall 4\Raw Data\éç STUDENTMAY0103.DAT' SED 1404

/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
- primiang 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 A16
- hsstate A2
- hsgradmo F1.0
- hsgradyr F1.0
- ged A1
- appmo F2.0
- appday F2.0
- appyr F2.0
- appsess A7
- admst A2
- intent A5
- credreg 5 X
- credatt F5.2
- credearn F5.2
- gpacreds F5.2
- gpapts F6.2
- prevsess A7
- crprog A14
- sdprog 14 X
- ncprog A7
- 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'  
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 .

*doesn't  
remove "I"  
does now*

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2003\Raw Data'+  
'Demo 031e.sav'.  
*45+*

\* Add fpalst (Corrected Alien Status).  
MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Foreign Person 045f.sav'  
/BY id.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+  
'Demo 042e.sav'.  
*5T*

\*STOP Go run "Foreign Person Alien Status", "Reported RaceEthnicity", "Transfers", "Previous OCC Degrees after Summer I 2003".

\* Reopen Demo 045+

\*To merge in the transfer file variables.

MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Summer 2004\Summer II 2004 Raw Data\Transfer044T.sav'  
/RENAME (cred.1 cred.2 cred.3 cred.4 cred.5 cred.6 fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9  
d10  
d11)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11.  
EXECUTE.

*save*

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2004\Summer II 2004 Raw Data'+  
'Demo 044T.sav'.  
*5T*

\*To merge in the Previous OCC degrees variables.  
MATCH FILES /FILE=\*

*Fall*

```

/TABLE='I:\Research Data\Student Information System\Summer 2004\Summer I 2004 Raw Data\Previous OCC Degrees
042E.sav'
/RENAME (awd.1 awd.2 awd.3 fname homcmp lname major.1 major.2 major.3 mname prvcmp spec.1 spec.2 spec.3 ssn = d0 d1
d2 d3 d4
d5 d6 d7 d8 d9 d10 d11 d12 d13 d14)
/BY id
/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14.
EXECUTE.

```

Fall

457

All new merge

Fall

```

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2004\Summer II 2004 Raw Data'+
'Demo 04A.T.sav'.

```

\*To prepare to run "FTIAC" syntax, you must add "stat" from the Official Enrollment unduplicated headcount file.  
 \*stat is the status in each course

"Fall 0TD 2004HEADCOUNT SEP1404 Unduplicated.SAV"

24296  
stat = "A"

```

*Next you have to compute status for the term.
IF (stat = 'A' & (credah > 0 | credhl > 0 | credor > 0 | credro > 0 | credsf > 0 | creddw > 0)) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

```

\*Run "FTIAC" syntax.  
 \*Save file.

\*\*\*NOTE, September 2004. If credits by campus are not available, compute them using the Duplicated  
 \*\*\*credit file. Then, aggregate by student id to determine credits taken at each campus.

```

IF (stat = 'A' & loc = 'AH') credah = cred .
IF (stat = 'A' & loc = 'HL') credhl = cred .
IF (stat = 'A' & loc = 'OR') credor = cred .
IF (stat = 'A' & loc = 'RO') credro = cred .
IF (stat = 'A' & loc = 'SF') credsf = cred .
IF (stat = 'A' & (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' &
loc NE 'SF')) creddw = cred .
VARIABLE LABELS credah 'Credits taken at Auburn Hills'
credhl 'Credits taken at Highland Lakes'
credor 'Credits taken at Orchard Ridge'
credro 'Credits taken at Royal Oak'
credsf 'Credits taken at Southfield'
creddw 'Credits taken Districtwide' .
EXECUTE .

```

```

COMPUTE credits = credah + credhl + credor + credro + credsf + creddw .
EXECUTE .

```

```

IF (credits > 0) status = 1 .
IF (credits < 1) status = 0.
EXECUTE .

```

Demo 045  
24/20  
stat = "A"

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Fall 2004\Raw Data'+
\DEGREESSEP1404.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A15
mname A8
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

```
VARIABLE LABELS
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
```

```
CACHE.
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 .
```

```
FILTER OFF.
USE ALL.
SELECT IF(id ~= ' ' & id NE ' ').
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System'+
\Fall 2004\Raw Data\Previous OCC Degrees 045T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System'+
\Fall 2004\Raw Data\Previous OCC Degrees 045T.sav'.
```

SYNTAX: Previous OCC Degrees after Summer I 2003, SB

GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Summer 2004\Summer II-2004 Raw Data'+  
'DEGREESAUG3004.DAT' <sup>Fall</sup> SEP1404.DAT  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A15  
mname A8  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.

VARIABLE LABELS  
major 'Primary Subject Area'  
spec 'Specialization Area'  
awd 'Previous OCC Award Type'  
awdmo 'Previous OCC Degree Month'  
awdyr 'Previous OCC Degree Year'.

CACHE.  
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 .

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

SAVE OUTFILE='I:\Research Data\Student Information System'+  
'Summer 2004\Summer II-2004 Raw Data\Previous OCC Degrees 044e.sav'.  
<sup>Fall</sup> <sup>ST</sup>

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

SAVE OUTFILE='I:\Research Data\Student Information System'+  
'Summer 2004\Summer II-2004 Raw Data\Previous OCC Degrees 044e.sav'.  
<sup>Fall</sup> <sup>ST</sup>

7 major etc

SYNTAX: Transfer: SPS

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'\COLLEGESEP1404.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A11
fname A11
mname A8
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 .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'\Transfer045T.sav'.

VARIABLE LABELS
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data'+
'\Transfer045T.sav'.
```

SYNTAX : Transfers. SPS

```

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2003\Raw Data'+
'SPS COLLEGESMAY0103.DAT Fall 4 SEP1404.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A11
fname A11
mname A8
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 .

```

```

SA\ OUTFILE='I:\Research Data\Student Information System\Fall 4\Winter 2003\Raw Data'+
'\Transfer031e.sav'.

```

```

VARIABLE LABELS
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

```

```

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

```

6 tcoll

```

SAVE OUTFILE='I:\Research Data\Student Information System\Fall\Summer 2004\Summer II 2004 Raw Data'+
'\Transfer044e.sav'.

```

5T

SYNTAX : Reported Race Ethnicity. SB

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'.



SYNTAX: Foreign Person Alien Status

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Fall 2004\Raw Data'+  
'fpalst fall 2004 otd.txt'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
fpalst A2 .
```

```
VARIABLE LABELS fpalst 'Corrected Alien Status'.
```

```
CACHE.  
EXECUTE.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Raw Data\Foreign Person 045t.sav'.
```

SYNTAX: Foreign Person Alien Status . SPS

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2004\Summer II-2004 Raw Data'+  
"fpalst ~~summer 2004 eos.txt~~ fall 2004 old.txt"

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

VARIABLE LABELS fpalst 'Corrected Alien Status'.

CACHE.

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Summer II-2004 Raw Data\Foreign Person  
044e.sav'.  
5+

# SYNTAX: FTIAC.SPS

\*\*\*\*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 (A8).

```
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 .

## UPDATES ON THE "DEMO" AND "DEMO-COURSE" FILES

If you are using the Demo and Demo-Course files you will notice that there are inconsistencies term to term. The following is a summary of information about using these files.

First, note that some files are "Demo" and some are "Demo Course". Demo Course files include student course enrollments for the term, while Demo files do not. When the College first switched to Colleague, the direction was to incorporate a student's course enrollments into their demographic record. However, since that time it has seemed more practical to set up a separate course file, and merge it as needed. For further information on using the Student Course Registration files see that document ("Using the Student Course Registration files").

Also, some of these files include test information. Data entry, tests administered, and our extract program have changed over the past two years. If you need to evaluate test scores, you will be working directly with the syntax and raw data files or querying Colleague. Please see Eileen for more information.

## VARIABLES TO PAY PARTICULAR ATTENTION TO

If you are looking at race/ethnicity, use REPRACE. This is the calculated Race/Ethnicity which incorporates Non-Resident Alien.

If you are looking at First Time in Any College (FTIAC) students, use the calculated variable FTIAC. This variable looks at all of the factors used in verifying that a student is ftiac.

The variable STATUS indicates whether or not the student is actively enrolled in at least one credit during the term at the particular point in time. A status of '1' indicates active.

The following list is a preliminary 'dictionary' of the demo file. It lists the common variables you should find in all of the Demo and in all of the Demo Course files.

## COMMON VARIABLES IN THE DEMO FILE

Id – Student ID

Ssn – Student Social Security number if available

Lname – Student Last Name

Fname – Student First Name

Mname – Student Middle Name or Initial

Homcmp – Home Campus, or where the student's original application was filed and paperwork stored

Prvcmp – Previous Home Campus, if a student has changed Home Campus

Fmrlname – Former Last Name, if a student has changed that name, e.g. by marriage or divorce

Fmrfname – Former First Name, if first name has changed

Fmrmname – Former Middle Name, if middle name has changed

Rescnty – Residence County. Numeric code for county. Inconsistently populated.

Resstt – Residence State. Inconsistently populated.

Rescntry – Residence Country. Inconsistently populated.

Alien – Do not use; indicates Non-Resident Alien status for select terms. Calculated into Race/Ethnicity.

Primlang – Primary language. Inconsistently populated.

Immig – Immigration status should indicate Visa code; however, it is not consistently populated, and, similarly to alien status, the process of reporting it for students changed.

Area – Telephone area code. Note with below, it is the student's preferred phone number, so may indicate a cellular phone, temporary phone, parent's phone, or whatever the student has updated at the time.

Phone – Phone Number.

Gender – Student Gender. In the past, if missing, gender has defaulted to male (M).

Ethnic – Student's reported race/ethnicity. This varies from the race/ethnicity categories on state and federal reports. See Reprace (Reported Race/Ethnicity) for further details. Note, also, that ethnic has a limited number of values. Comparing with federal census data is difficult, because federal census data collection allows for selecting multiple races/ethnicities.

Brthmo – Student birth month

Brthda – Student birth day

Brthyr – Student birth year

Ferpa – FERPA (Family Education and Right to Privacy Act) Code. Not populated. Previously indicated student permission to release records

Veteran – Veteran Status. Inconsistently populated.

Vetben – Veteran Benefits. Inconsistently populated.

Rescode – Residency Code for billing. Describes billing, and defines in or out of district students.

Citizen – Indicates U.S. citizenship attainment. This will be populated only for students who enter OCC as non-citizens. A Y indicates attainment of citizenship after entering OCC. An N indicates the student is not a U.S. citizen.

Address – Student address.

address2 – Student address line 2.

City – Student city

State – Student state

Zip – Student zip code

SPECIAL NOTES ON HIGH SCHOOLS – High School graduation information was not ‘converted’, or brought over from the old system, for students with applications prior to Summer I (Spring) 2002.

Additionally, the graduation field was not always triggered correctly until approximately Summer I (Spring) 2003. If graduation month and year contain data, the appropriate fields have been triggered.

Another way to determine if the student is a high school graduate is to look at ‘prevdeg’, Highest Degree Earned Previously.

Hscnty – High School County. Generally populated if High School is populated other than GED, Non-U.S. High Schools, or Non-Michigan Schools

Hscode – High School Code. Generally populated if High School is populated.

Hsname – High School Name. Note, GED, Non-Michigan High School, and Non- U.S. High School appear as High School Names.

Hscity – High School City. Generally populated for Michigan High Schools, sometimes for Non-Michigan High Schools.

Hsstate – High School State. Generally populated, except for GED and Non-U.S. High Schools.

Hsgradmo – High School Graduation Month. See Special Notes on High Schools above.

Hsgradyr – High School Graduation Year. . See Special Notes on High Schools above.

Ged – Indicates completion of GED for high school, regardless of further education.

Appmo – Application month. Only available for students whose application data is filed in Colleague, and should reflect only most recent application month if multiple applications have been filed.

Appday – Application day. Only available for students whose application data is filed in Colleague, and should reflect only most recent application day if multiple applications have been filed.

Appyr – Application year. Only available for students whose application data is filed in Colleague, and should reflect only most recent application year if multiple applications have been filed.

Appsess – Application intended start session. Indicates most recently filed application intended starting term.

Admst – Application admission status. Student reported admission status. Use value ‘FT’, First Time in any College, with extreme caution. First time in any college is generally verified by evaluating previous enrollment, transfer, and previous degrees. See FTIAC variable.

Intent – Educational Intent. Information regarding educational intent was not converted from the previous data system. Intent is available for students whose application data has been entered into the Colleague system. Additionally, students who use Web Advisor (Internet registration) are asked to update their educational intent.

Credatt – Credits attempted. Credits attempted during OCC career. Note that there are concerns about using summary credit fields; in some cases withdrawn, audit, and other non-credit bearing courses may have been included.

Credearn – Credits earned. Credits earned during OCC career. Note that there are concerns about using summary credit fields; in some cases withdrawn, audit, and other non-credit bearing courses may have been included.

Gpacreds -- Credits earned with available grade points for calculation into grade point average. Note that there are concerns about using summary credit fields; in some cases withdrawn, audit, and other non-credit bearing courses may have been included.

Gpaps -- Grade points earned over OCC career for grade point average calculation. Note that there are concerns about using summary credit fields; in some cases withdrawn, audit, and other non-credit bearing courses may have been included.

Prevsess -- Previous session. Last term with activity.

Crprog -- Credit program. The most recent credit program the student has activated. Note, a student may have more than one active credit program. The demographic file lists only the most recent active program.

Ncprog -- Non credit program. A student may have multiple credit and non credit programs. This field will list the most recent non-credit program for the student.

Prevdeg -- Highest degree earned previously. See value labels for information about what these degrees are. Note that this value is based on transcripts and verified records.

Reprace -- Reported Race/Ethnicity. This variable incorporates alien status to add the NR, or Non-Resident Alien, value. While not truly a race/ethnicity, NR is used for state and federal reporting purposes as a race/ethnicity category.

Status -- A '1' indicates that the student has active status in at least one credit at the particular point in time. A 0 or missing value indicates that the student had some activity in the term, but is not considered active in at least credit at that period in time.

Credah -- Credits taken at Auburn Hills this term.

Credhl -- Credits taken at Highland Lakes this term.

Credor -- Credits taken at Orchard Ridge this term.

Credro -- Credits taken at Royal Oak this term.

Credsf -- Credits taken at Southfield this term.

# File Information

[DataSet2] I:\Research Data\Student Information System\End of Session\Demo 044E.sav

## Variable Information

Variable	Position	Label	Measurement Level	Column Width			Write Format
id	1	Student ID	Nominal	1			A10
ssn	2	Social Security Number	Nominal	1			A11
lname	3	Last Name	Nominal	2			A26
fname	4	First Name	Nominal	1			A16
mname	5	Middle Name	Nominal	1			A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Gail →  
The errors are marked w/asterisks!



Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
repace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.5	67	tcoll.5: Transfer College	Nominal	35	Left	A35	A35
tcred.5	68	tcred.5: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.6	69	tcoll.6: Transfer College	Nominal	35	Left	A35	A35

Variables in the working file



Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ tcred.6	70	tcred.6: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
✓ awdmo.1	71	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.1	72	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.1	73	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.2	74	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.2	75	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.2	76	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.3	77	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.3	78	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.3	79	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ run	80	Extract Date	Nominal	10	Left	A10	A10
✓ term	81	Session	Nominal	7	Left	A7	A7
✓ credits	82	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
✓ campah	83	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
✓ camphl	84	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
✓ campor	85	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
✓ campro	86	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
✓ campsf	87	Courses Taken at Southfield	Scale	10	Right	F8	F8
✓ campdw	88	Courses Taken District Wide	Scale	10	Right	F8	F8
✓ credah	89	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
✓ credhl	90	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
✓ credor	91	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
✓ credro	92	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
✓ credsf	93	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
✓ creddw	94	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
✓ status	95	Student Status in Term	Scale	10	Right	F8.2	F8.2
✓ multi	96	Attends multiple campuses	Scale	10	Right	F8 F8.2	F8 F8.2
✓ ftiac	97	Calculated FTIAC	Nominal	7	Left	A2	A2

occdeg  
OK

Variables in the working file

ok - changed  
the rest of  
the files \*

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	ODI	Out of District
	ODV	Virtual College Out of District
	OUST	Out of State
	OUSV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
	admst	CG
FT		First Time in Any College
HD		Dual Enrollment
HG		High School Guest
NC		Non Credit
PR		Previously Attended OCC
TR		Transfer

Variable Values

Value	Label	
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
	UN	Undecided
prevdeg	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
	repace	AF
AS		Asian
HI		Hispanic
NI		Native American
NR		Non Resident Alien
UN		Race Unknown
WH		White

Dates  
FDS 7/6/04  
DTD 7/9/04  
Inst  
Ends 8/25/04  
Grds Due 8/26/04

DEMO 044E SUMMER II 2004 EDS

- XIR1 → From Snapshot File - COURSE AUG3004.DAT
- XIR2 → - HEADCOUNT AUG3004.DAT
- XIR3 → 2004/SU
  - STUDENT AUG3004.DAT
  - COLLEGE AUG3004.DAT
  - DEGREES AUG3004.DAT
  - SPOPS AUG3004.DAT
  - TESTS AUG3004.DAT

Run "Colleague Demo 04272005.SPS"

Find and Replace

- JUL0605 → AUG3004 (4)
- 2005 → 2004 (35)
- SUMMER I → SUMMER II (7)
- 052E → 044E (25)

Check data against OER

Run

\*SUMMER II 2004 End 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.

SET DATA /TYPE = TXT

FILE = 'I:\Research Data\Student Information System\Summer 2004\SUMMER II 2004 Raw Data STUDENTAUG3004.DAT'

DELCASE = LINE

DELIMITERS = ", "

QUALIFIER = ""

ARRANGEMENT = DELIMITED

FIRSTCASE = 2

IMPORTCASE = ALL

VARIABLES =

d A10

ssn A11

name A26

name A16

name A15

nomcmp A2

prvcmp A2

imrlname A26

imrfname A16

imrmname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

prthmo F2.0

prthda F2.0

prthyr F2.0

ierpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

mscnty 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\SUMMER 2004\Demo 044E.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\Summer 2004\SUMMER II 2004 Raw Data'+  
'fpalst SUMMER 2004 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\SUMMER 2004\Foreign Person 044E.sav'  
/COMPRESSED.

\* Add fpalst (Corrected Alien Status).

GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044E.sav'.

MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2004\Foreign Person 044E.sav'  
/BY id.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044E.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\SUMMER 2004\Demo 044E.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\SUMMER 2004\SUMMER II 2004 Raw Data'+
'\COLLEGEAUG3004.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'  
tcol 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044E.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044E.sav'.
```

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

*6 tcol*

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044E.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\SUMMER 2004\Demo 044E.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\SUMMER 2004\SUMMER II 2004 Raw Data'+  
'\DEGREESAUG3004.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\SUMMER 2004\Previous OCC Degrees  
044E.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees 044E.sav'.
```

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

*3 degrees*

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees  
044E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees 044E.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\SUMMER 2004\Demo 044E.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\SUMMER 2004\SUMMER II 2004 Raw Data'+  
'\HEADCOUNTAUG3004.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.

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 '05/09/05' & strt NE '05/10/05' & strt NE '05/11/05' & strt NE '05/12/05'  
& strt NE '05/13/05' & strt NE '05/14/05' & strt NE '05/16/05'  
& strt NE '05/17/05' & strt NE '06/04/05' & strt NE '06/08/05'  
& strt NE '06/14/05' & strt NE '06/16/05' & strt NE '06/20/05' & strt NE '06/21/05' & strt NE '06/23/05' & strt  
NE '06/27/05' ).

EXECUTE.

*See attached freq.*

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\SUMMER 2004\course activity 044E.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\SUMMER 2004\course activity 044E.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\SUMMER 2004\course activity 044E.sav'  
/COMPRESSED.
```

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

GET

```
FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044E.sav'.
```

```
MATCH FILES /FILE=*
```

```
/TABLE='I:\Research Data\Student Information System\SUMMER 2004\course activity 044E.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\Summer 2004\Demo 044E.sav'  
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Demo 044E.sav'  
/COMPRESSED.

# Crosstabs: Summer II 2004 EOS

## Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Course Start Date * Course End Date	30289	100.0%	0	.0%	30289	100.0%

## Course Start Date \* Course End Date Crosstabulation

Count

		Course End Date						
		04/15/05	05/24/04	06/06/04	06/09/04	06/10/04	06/18/04	06/21/04
Course Start Date	03/15/04	0	0	0	0	0	0	0
	05/10/04	0	19	0	0	0	0	0
	05/11/04	0	0	0	7	68	0	0
	05/12/04	0	0	0	0	0	38	0
	05/13/04	0	0	0	0	0	0	0
	05/14/04	0	0	0	0	0	0	0
	05/15/04	0	0	0	0	0	0	0
	05/17/04	0	0	0	0	0	0	0
	06/02/04	0	0	0	0	0	0	0
	06/05/04	0	0	20	0	0	0	0
	06/07/04	0	0	0	0	0	0	16
	06/08/04	0	0	0	0	0	0	0
	06/21/04	0	0	0	0	0	0	0
	06/28/04	0	0	0	0	0	0	0
	07/05/04	0	0	0	0	0	0	0
	07/06/04	14	0	0	0	0	0	0
	07/07/04	0	0	0	0	0	0	0
	07/08/04	0	0	0	0	0	0	0
	07/09/04	0	0	0	0	0	0	0
	07/10/04	0	0	0	0	0	0	0
07/12/04	0	0	0	0	0	0	0	
07/22/04	0	0	0	0	0	0	0	
Total	14	19	20	7	68	38	16	

**Course Start Date \* Course End Date Crosstabulation**

Count

		Course End Date						
		06/22/04	06/23/04	06/24/04	06/25/04	06/28/04	06/29/04	06/30/04
Course Start Date	03/15/04	0	0	0	0	0	0	0
	05/10/04	0	0	0	0	240	32	6050
	05/11/04	44	0	0	0	0	6438	166
	05/12/04	0	35	0	0	0	0	459
	05/13/04	0	0	215	0	0	0	67
	05/14/04	0	0	0	62	0	0	0
	05/15/04	0	0	0	0	0	0	0
	05/17/04	0	0	0	56	0	0	0
	06/02/04	0	0	0	0	0	0	0
	06/05/04	0	0	0	0	0	0	0
	06/07/04	0	0	0	0	0	0	0
	06/08/04	0	0	0	0	0	0	0
	06/21/04	0	0	0	0	0	0	0
	06/28/04	0	0	0	0	0	0	12
	07/05/04	0	0	0	0	0	0	0
	07/06/04	0	0	0	0	0	0	0
	07/07/04	0	0	0	0	0	0	0
	07/08/04	0	0	0	0	0	0	0
	07/09/04	0	0	0	0	0	0	0
	07/10/04	0	0	0	0	0	0	0
	07/12/04	0	0	0	0	0	0	0
	07/22/04	0	0	0	0	0	0	0
<b>Total</b>		<b>44</b>	<b>35</b>	<b>215</b>	<b>118</b>	<b>240</b>	<b>6470</b>	<b>6754</b>

**Course Start Date \* Course End Date Crosstabulation**

Count

		Course End Date						
		07/01/04	07/02/04	07/07/04	07/09/04	07/13/04	07/14/04	07/15/04
Course Start Date	03/15/04	0	1	0	0	0	0	0
	05/10/04	0	0	6	0	0	26	18
	05/11/04	0	0	0	0	64	0	699
	05/12/04	0	0	19	0	0	81	0
	05/13/04	28	0	0	0	0	0	68
	05/14/04	0	0	0	0	0	0	0
	05/15/04	0	0	0	0	0	0	0
	05/17/04	0	0	0	0	0	0	0
	06/02/04	0	0	0	0	0	0	0
	06/05/04	0	0	0	0	0	0	0
	06/07/04	0	0	0	0	0	0	0
	06/08/04	0	0	0	0	0	0	0
	06/21/04	0	0	0	23	0	0	0
	06/28/04	0	0	0	0	0	0	0
	07/05/04	0	0	0	0	0	0	0
	07/06/04	0	0	0	0	0	0	0
	07/07/04	0	0	0	0	0	0	0
	07/08/04	0	0	0	0	0	0	0
	07/09/04	0	0	0	0	0	0	0
	07/10/04	0	0	0	0	0	0	0
	07/12/04	0	0	0	0	0	0	0
	07/22/04	0	0	0	0	0	0	0
<b>Total</b>		<b>28</b>	<b>1</b>	<b>25</b>	<b>23</b>	<b>64</b>	<b>107</b>	<b>785</b>

**Course Start Date \* Course End Date Crosstabulation**

Count

		Course End Date						
		07/16/04	07/19/04	07/21/04	07/22/04	07/26/04	07/27/04	07/28/04
Course Start Date	03/15/04	0	0	0	0	0	0	0
	05/10/04	0	35	382	0	0	2	115
	05/11/04	0	0	17	0	0	579	0
	05/12/04	0	0	31	0	0	0	320
	05/13/04	0	0	0	1	0	0	0
	05/14/04	12	0	0	0	0	0	0
	05/15/04	0	0	0	0	0	0	0
	05/17/04	0	0	0	0	0	0	0
	06/02/04	0	0	0	0	13	0	0
	06/05/04	0	0	0	0	0	0	0
	06/07/04	0	0	0	0	0	0	0
	06/08/04	0	0	0	0	0	16	0
	06/21/04	0	0	0	0	0	0	0
	06/28/04	0	0	0	0	0	0	0
	07/05/04	0	0	0	0	0	0	0
	07/06/04	0	0	0	0	0	17	0
	07/07/04	0	0	0	0	0	0	19
	07/08/04	0	0	0	0	0	0	0
	07/09/04	0	0	0	0	0	0	0
	07/10/04	0	0	0	0	0	0	0
	07/12/04	0	0	0	0	0	0	0
	07/22/04	0	0	0	0	0	0	0
<b>Total</b>		<b>12</b>	<b>35</b>	<b>430</b>	<b>1</b>	<b>13</b>	<b>614</b>	<b>454</b>

Course Start Date \* Course End Date Crosstabulation

Count

		Course End Date						
		07/29/04	07/30/04	08/02/04	08/03/04	08/04/04	08/05/04	08/06/04
Course Start Date	03/15/04	0	0	0	0	0	0	0
	05/10/04	28	21	74	0	192	0	0
	05/11/04	571	0	0	167	0	9	0
	05/12/04	0	0	0	0	101	0	0
	05/13/04	324	0	0	0	0	61	0
	05/14/04	0	39	0	0	0	0	1
	05/15/04	0	0	0	0	0	0	0
	05/17/04	0	0	0	0	0	0	0
	06/02/04	0	0	0	0	0	0	0
	06/05/04	0	0	0	0	0	0	0
	06/07/04	0	0	0	0	0	0	0
	06/08/04	0	0	0	0	0	0	0
	06/21/04	0	0	0	0	0	0	0
	06/28/04	0	0	0	0	0	0	0
	07/05/04	0	0	0	0	0	0	0
	07/06/04	0	0	0	27	0	79	0
	07/07/04	0	0	0	0	0	0	0
	07/08/04	0	0	0	0	0	0	0
	07/09/04	0	0	0	0	0	0	0
	07/10/04	0	0	0	0	0	0	0
	07/12/04	0	0	0	0	0	0	0
	07/22/04	0	0	0	0	0	0	0
Total		923	60	74	194	293	149	1

Course Start Date \* Course End Date Crosstabulation

Count

		Course End Date						
		08/09/04	08/16/04	08/17/04	08/18/04	08/19/04	08/20/04	08/21/04
Course Start Date	03/15/04	0	0	0	0	0	0	0
	05/10/04	312	20	0	0	0	21	0
	05/11/04	0	0	839	0	131	0	0
	05/12/04	0	0	0	418	0	0	0
	05/13/04	0	0	0	0	805	0	0
	05/14/04	0	0	0	0	0	37	0
	05/15/04	0	0	0	0	0	0	43
	05/17/04	0	0	0	0	0	0	0
	06/02/04	0	0	0	0	0	0	0
	06/05/04	0	0	0	0	0	0	0
	06/07/04	0	0	0	0	0	0	0
	06/08/04	0	0	0	0	0	0	0
	06/21/04	0	0	0	0	0	0	0
	06/28/04	0	0	0	0	0	0	0
	07/05/04	0	0	0	0	0	0	0
	07/06/04	0	0	49	0	0	0	0
	07/07/04	0	0	0	16	0	0	0
	07/08/04	0	0	0	0	106	0	0
	07/09/04	0	0	0	0	0	10	0
	07/10/04	0	0	0	0	0	0	0
	07/12/04	0	0	0	0	0	0	0
	07/22/04	0	0	0	0	13	0	0
Total		312	20	888	434	1055	68	43

Course Start Date \* Course End Date Crosstabulation

Count

		Course End Date			Total
		08/23/04	08/24/04	08/25/04	
Course	03/15/04	0	0	0	1
Start	05/10/04	763	0	479	8835
Date	05/11/04	0	570	20	10389
	05/12/04	0	0	600	2102
	05/13/04	0	0	0	1569
	05/14/04	0	0	0	151
	05/15/04	0	0	0	43
	05/17/04	0	0	0	56
	06/02/04	0	0	0	13
	06/05/04	0	0	0	20
	06/07/04	0	0	0	16
	06/08/04	0	0	0	16
	06/21/04	0	0	0	23
	06/28/04	0	0	0	12
	07/05/04	0	0	1	1
	07/06/04	0	3045	86	3317
	07/07/04	0	24	3351	3410
	07/08/04	0	0	27	133
	07/09/04	0	0	0	10
	07/10/04	0	0	1	1
	07/12/04	158	0	0	158
	07/22/04	0	0	0	13
Total		921	3639	4565	30289