

DEMO 071F Winter 2007 FDS JAN08, 2007

XIR1 → COURSEJAN0807.DAT

XIR2 → HEADCOUNTJAN0807.DAT

XIR3 → COLLEGEJAN0807.DAT

DEGREESJAN0807.DAT

SPORSJAN0807.DAT

STUDENTJAN0807.DAT

TESTSJAN0807.DAT

fpalst winter 2007 FDS.tkt

SYNTAX: Colleague Demo 01032007.SPS

change: Fall 2006 → Winter 2007 (31)

JAN0207 → JAN0807 (4)

065E → 071F (25)

EOS → FDS (1)

End of Session → First Day
of Session

tranf:6

awds:8

ZV w/ "Demo to Official Enrollment comparison.SPS" (1)

change End of Session - First Day of Session

065E → 071F (4)

matches

File Information

*9-1-9-07
variable proofed*

[DataSet1] I:\Research Data\Student Information System\First Day of Session\Demo 071F.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	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

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
reprace	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
awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	95	Extract Date	Nominal	10	Left	A10	A10
term	96	Session	Nominal	7	Left	A7	A7
credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	102	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	103	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
credro	107	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	108	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
creddw	109	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	110	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	111	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	112	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

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

Variable Values

Value	Label	
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
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
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	

Variable Values

Value	Label
repace AF	African American
AS	Asian
HI	Hispanic
NI	Native American
NR	Non Resident Alien
UN	Race Unknown
WH	White

****Winter 2007 First Day of Session.**

*****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 'OTD' 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.**

***This syntax has been changed to reflect new data paths.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Raw Data files\Winter 2007\Raw Data\STUDENTJAN0807.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 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
Winter 2007\Demo 071F.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\Raw Data files\Winter 2007\Raw Data'+
'fpalst Winter 2007 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\Raw Data files\Winter 2007\Foreign Person 071F.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071F.sav'.
```

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

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter
2007\Foreign Person 071F.sav'
/BY id.
EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Winter 2007\Demo 071F.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\Raw Data files
\Winter 2007\Demo 071F.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\Raw Data files\Winter 2007
\Raw Data'+
'\COLLEGEJAN0807.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.

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\Raw Data files
\Winter 2007\Transfer071F.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007
\Transfer071F.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Winter 2007\Transfer071F.sav'.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007
\Demo 071F.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter

```
2007\Transfer071F.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  
\Winter 2007\Demo 071F.sav'  
/COMPRESSED.
```

***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\Raw Data files\Winter 2007  
\Raw Data'+  
'\DEGREESJAN0807.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'
```

Iname '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\Raw Data files
\Winter 2007\Previous OCC Degrees 071F.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007
\Previous OCC Degrees 071F.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Winter 2007\Previous OCC Degrees 071F.sav'.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007
\Demo 071F.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter
2007\Previous OCC Degrees 071F.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
\Winter 2007\Demo 071F.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\Raw Data files\Winter 2007
\Raw Data'+**

'\HEADCOUNTJAN0807.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 '0646743' &
id NE '0646744' & id NE '0646750' & id NE '0646751'
& id NE '0643236').

EXECUTE .

*For Summer I 2005only.

*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 2004 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.

*For Summer I 2006.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '06/29/06' & strt NE '06/30/06' & strt NE '07/02/06' & strt NE
'07/05/06' & strt NE '07/06/06'

& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'

& strt NE '07/18/06' & strt NE '08/14/06').

*EXECUTE.

*For Summer II 2006.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt EQ '06/29/06' OR strt EQ '06/30/06' OR strt EQ '07/02/06' OR strt
EQ '07/05/06' OR strt EQ '07/06/06'

*OR strt EQ '07/07/06' OR strt EQ '07/10/06' OR strt EQ '07/11/06' OR strt EQ
'07/12/06' OR strt EQ '07/13/06'

*OR strt EQ '07/17/06' OR strt EQ '07/18/06' OR strt EQ '07/20/06' OR strt EQ

'08/14/06').
*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')
credw = cred.
EXECUTE .

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

AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter
2007\course activity 071F.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\Raw Data files\Winter 2007
\course activity 071F.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 .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf
(F8.0) / campdw (F8.0).
EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

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

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
Winter 2007\course activity 071F.sav'
/COMPRESSED.**

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

GET

**FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007
\Demo 071F.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter
2007\course activity 071F.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\Raw Data files
Winter 2007\Demo 071F.sav'
/COMPRESSED.**

**SAVE OUTFILE='I:\Research Data\Student Information System\First Day of
Session\Demo 071F.sav'
/COMPRESSED.**

	term	credah_sum	credhi_sum	credor_sum	credro_sum
1		.00	.00	.00	.00
2	2007/WI	58524.00	31777.50	51748.00	37498.00

✓ ✓ ✓ ✓

	credsf_sum	creddw_sum	multi_sum	credits_sum	HCah_sum
1	.00	.00	.00	.00	.00
2	17797.50	.00	5842.00	197345.00	8259.00



	HChl_sum	HCor_sum	HCro_sum	HCsf_sum	HCdw_sum
1	.00	.00	.00	.00	.00
2	4823.00	7848.00	6501.00	3209.00	.00

✓ ✓ ✓ ✓

	status	sum
1		.00
2		24004.00



Cases to Variables

I:\Research Data\Student Information System\Raw Data files\Winter 2007\Transfer071F.sav

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
	6	tcoll.6	tcoll.6: 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
	6	tcred.6	tcred.6: Credits from Transfer College

Processing Statistics

Cases In	1291
Cases Out	997
Cases In/Cases Out	1.3
Variables In	9
Variables Out	19
Index Values	6

Cases to Variables

I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC Degrees 071F.sav

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	1325
Cases Out	1190
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

Cases to Variables

I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064E.sav

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
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

Processing Statistics

Cases In	1015
Cases Out	795
Cases In/Cases Out	1.3
Variables In	9
Variables Out	15
Index Values	4

Cases to Variables

I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC
Degrees 064E.sav

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	1322
Cases Out	1192
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

Frequencies: Summer II 2006

Statistics

Course Start Date

N	Valid	29347
	Missing	0

Course Start Date

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	05/08/06	8782	29.9	29.9	29.9
	05/09/06	9017	30.7	30.7	60.7
	05/10/06	1968	6.7	6.7	67.4
	05/11/06	1391	4.7	4.7	72.1
	05/12/06	253	.9	.9	73.0
	05/13/06	60	.2	.2	73.2
	05/15/06	82	.3	.3	73.4
	05/16/06	44	.1	.1	73.6
	05/30/06	98	.3	.3	73.9
	06/05/06	25	.1	.1	74.0
	06/15/06	16	.1	.1	74.1
	06/16/06	40	.1	.1	74.2
	06/19/06	51	.2	.2	74.4
	06/22/06	20	.1	.1	74.4
	07/02/06	11	.0	.0	74.5
	07/05/06	3937	13.4	13.4	87.9
	07/06/06	3046	10.4	10.4	98.3
	07/07/06	56	.2	.2	98.5
	07/10/06	100	.3	.3	98.8
	07/11/06	199	.7	.7	99.5
	07/12/06	15	.1	.1	99.5
	07/13/06	14	.0	.0	99.6
	07/17/06	46	.2	.2	99.7
	07/18/06	45	.2	.2	99.9
	07/20/06	17	.1	.1	100.0
	08/14/06	14	.0	.0	100.0
	Total	29347	100.0	100.0	

Demo File Creation Worksheet

Demo 071T.sav Term: WINTER 2007 OTD

Run From Colleague:	Application/Report	Time Frame:
Snapshot	XIR1	'2007/WI'
Snapshot	XIR2	'2007/WI'
Manually	XIR3	'2007/WI'
Run From Colleague Query Builder:	Query	Changes Required
	I:\Research Data\Student Information System\Syntax	
Manually	IR STUDENTS by term.wis	term file name and path save list
Manually	Save Foreign Person Alien Status.wis	get list file name and path
Automatically Creates and Imports: fpalst <u>winter 2007 OTD</u> .txt		
Files Created and Imported via WebExport:	Application/Report	IR File Name:
		I:\Research Data\Student Information System\Raw Data files
X_IR_EX_COURSE_FILE_ <u>20070119</u>	XIR1	COURSE <u>JAN1907</u> .DAT
X_IR_EX_HEADCOUNT_FILE_ <u>20070119</u>	XIR2	HEADCOUNT <u>JAN1907</u> .DAT
X_IR_EX_STUDENT_FILE_ <u>20070119</u>	XIR3	STUDENT <u>JAN1907</u> .DAT
X_IR_EX_COLLEGE_FILE_ <u>20070119</u>	XIR3	COLLEGE <u>JAN1907</u> .DAT
X_IR_EX_DEGREES_FILE_ <u>20070119</u>	XIR3	DEGREES <u>JAN1907</u> .DAT
X_IR_EX_SPOPS_FILE_ <u>20070119</u>	XIR3	SPOPS <u>JAN1907</u> .DAT
X_IR_EX_TESTS_FILE_ <u>20070119</u>	XIR3	TESTS <u>JAN1907</u> .DAT
SPSS SYNTAX:		
I:\Research Data\Student Information System\Syntax\Colleague Demo 01032007.SPS		
See syntax for changes:		
From:	To:	
First Day of Session	One Tenth Day	
JAN0807	JAN1907	
071F	071T	
FDS	OTD	
		(2)
		(4)
		(65)
		(1)
Transfers: 6	Awards: 8	
H:\DEMO file instructions\Demo to Official Enrollment comparison.SPS		
From: First Day of session	To: Raw Data Files\Winter 2007	
071F	071T	
		(4)
		(1)

mistakes

File Information

I:\Research Data\Student Information System\One Tenth Day\Demo 071T.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	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

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
reprace	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
awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	95	Extract Date	Nominal	10	Left	A10	A10
term	96	Session	Nominal	7	Left	A7	A7
credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	102	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	103	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
credro	107	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	108	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	109	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	110	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	111	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	112	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

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

Variable Values

Value	Label	
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	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
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	

Variable Values

Value	Label
repace AF	African American
AS	Asian
HI	Hispanic
NI	Native American
NR	Non Resident Alien
UN	Race Unknown
WH	White

*****Winter 2007 One Tenth Day.
*****Colleague DEMO 01032007.SPS, January 24, 2006
*****Prior to running this syntax several Replace All commands must occur. Be careful not to change comments or Student ID's. 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 'OTD' 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/gmf.
*****This syntax has been changed to reflect new data paths/gmf.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Winter 2007\Raw Data\STUDENTJAN1907.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\Winter 2007\Demo 071T.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\Raw Data files\Winter 2007\Raw Data'+
'\fpalst Winter 2007 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\Raw Data files\Winter 2007\Foreign Person 071T.sav'
/COMPRESSED.

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

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Foreign Person 071T.sav'
/BY id.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071T.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\Raw Data files\Winter 2007\Demo 071T.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\Raw Data files\Winter 2007\Raw Data'+
'\COLLEGEJAN1907.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.
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\Raw Data files\Winter 2007\Transfer071T.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Transfer071T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Transfer071T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Transfer071T.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\Winter 2007\Demo 071T.sav'
/COMPRESSED.
```

```
*****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\Raw Data files\Winter 2007\Raw Data'+
'DEGREESJAN1907.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='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC Degrees 071T.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC Degrees 071T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC Degrees 071T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC Degrees 071T.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\Winter 2007\Demo 071T.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\Raw Data files\Winter 2007\Raw Data'+
'\HEADCOUNTJAN1907.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 '0646743' &
id NE '0646744' & id NE '0646750' & id NE '0646751'
& id NE '0643236').
EXECUTE .

*****For Summer I 2005only.
*****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 2004 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.

*****For Summer I 2006.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (strt NE '06/29/06' & strt NE '06/30/06' & strt NE '07/02/06' & strt NE '07/05/06' & strt NE '07/06/06'
*****& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'
*****& strt NE '07/18/06' & strt NE '08/14/06').
*****EXECUTE.

*****For Summer II 2006.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (strt EQ '06/29/06' OR strt EQ '06/30/06' OR strt EQ '07/02/06' OR strt EQ '07/05/06' OR strt EQ '07/06/06'
*****OR strt EQ '07/07/06' OR strt EQ '07/10/06' OR strt EQ '07/11/06' OR strt EQ '07/12/06' OR strt EQ '07/13/06'

```
*****OR strt EQ '07/17/06' OR strt EQ '07/18/06' OR strt EQ '07/20/06' OR strt EQ '08/14/06').  
*****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\Raw Data files\Winter 2007\course activity 071T.sav'  
/BREAK=id run term
```

/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM(campah) /camphi 'Courses'+
' Taken at Highland Lakes' = SUM(camphi) /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\Raw Data files\Winter 2007\course activity 071T.sav'.

IF ((campah + camphi + campor + campro + campsf + 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 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphi > 0 & campor > 0) OR
(camphi > 0 & campro > 0) OR
(camphi > 0 & campsf > 0) OR
(camphi > 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 .

FORMATS campah (F8.0) / camphi (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw (F8.0).

EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\course activity 071T.sav'
/COMPRESSED.

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

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\course activity 071T.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\Raw Data files\Winter 2007\Demo 071T.sav'  
/COMPRESSED.
```

```
*****Run file against Official Enrollment Report syntax to check numbers.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter'+  
' 2007\Demo 071T.sav'.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day\Demo 071T.sav'  
/COMPRESSED.
```

File Information

[DataSet4] I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2007 OTD.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

9-2A ✓ 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\Demo 071T.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	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

Variables in the working file

✓ 10/9 09

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

not on M.C. 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
awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	95	Extract Date	Nominal	10	Left	A10	A10
term	96	Session	Nominal	7	Left	A7	A7
credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	102	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	103	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
credro	107	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	108	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	109	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	110	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	111	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	112	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

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

Variable Values

Value	Label	
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
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
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	

Variable Values

Value	Label
repace AF	African American
AS	Asian
HI	Hispanic
NI	Native American
NR	Non Resident Alien
UN	Race Unknown
WH	White



File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2007 FDS.sav

*FILE MOVED
5/7/08
Amy*

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 by 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

File Information

[DataSet10] I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Fall 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

v 5/5/08 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\One Tenth Day\Student Course Registration\Winter OTD 2007 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\Winter OTD 2007 HEADCOUNTJan1907 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	23635	23635	23635	23635	23635	23635	5726
Missing	0	0	0	0	0	0	17909

Frequency Table

Attends Auburn Hills Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	15544	65.8	65.8	65.8
1.00	8091	34.2	34.2	100.0
Total	23635	100.0	100.0	

Attends Highland Lakes Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	18907	80.0	80.0	80.0
1.00	4728	20.0	20.0	100.0
Total	23635	100.0	100.0	

Attends Orchard Ridge Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	15914	67.3	67.3	67.3
1.00	7721	32.7	32.7	100.0
Total	23635	100.0	100.0	

Attends Royal Oak Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	17199	72.8	72.8	72.8
1.00	6436 ✓	27.2	27.2	100.0
Total	23635	100.0	100.0	

Attends Southfield Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	20475	86.6	86.6	86.6
1.00	3160 ✓	13.4	13.4	100.0
Total	23635	100.0	100.0	

Attends Districtwide Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	23635 ✓	100.0	100.0	100.0

Attends multiple campuses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5726 ✓	24.2	100.0	100.0
Missing System	17909	75.8		
Total	23635 ✓	100.0		

	loc	cred_1	
1	AH	57006.00	✓
2	HL	31136.00	✓
3	OR	50711.00	✓
4	RO	36823.00	✓
5	SF	17390.00	✓

	run	cred_1
1	01/19/2007	193066.00 ✓

File Information

[DataSet7] I:\Research Data\Student Information System\Raw Data files\WIP\Winter FDS 2007 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

9/6/07

Winter 07 FDS Credit (credits) by campus.sav

	loc	cred_1	
1	AH	58524.00	✓
2	HL	31777.50	✓
3	OR	51748.00	✓
4	RO	37498.00	✓
5	SF	17797.50	✓

	run	cred_1
1	01/08/2007	197345.00 ✓

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Winter FDS 2007 HEADCOUNTJan0807 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	24004	24004	24004	24004	24004	24004	5842
	Missing	0	0	0	0	0	0	18162

Frequency Table

Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15745	65.6	65.6	65.6
	1.00	8259	34.4	34.4	100.0
Total		24004	100.0	100.0	

Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	19181	79.9	79.9	79.9
	1.00	4823	20.1	20.1	100.0
Total		24004	100.0	100.0	

Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16156	67.3	67.3	67.3
	1.00	7848	32.7	32.7	100.0
Total		24004	100.0	100.0	

Attends Royal Oak Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	17503	72.9	72.9	72.9
	1.00	6501 ✓	27.1	27.1	100.0
Total		24004	100.0	100.0	

Attends Southfield Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	20795	86.6	86.6	86.6
	1.00	3209 ✓	13.4	13.4	100.0
Total		24004	100.0	100.0	

Attends Districtwide Campus ✓✓

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	24004	100.0	100.0	100.0

Attends multiple campuses

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	5842	24.3	100.0	100.0
Missing	System	18162	75.7		
Total		24004 ✓	100.0		

File Information

[DataSet1] I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071E.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ id	1	Student ID	Nominal	10	Left	A10	A10
✓ ssn	2	Social Security Number	Nominal	11	Left	A11	A11
✓ lname	3	Last Name	Nominal	26	Left	A26	A26
✓ fname	4	First Name	Nominal	16	Left	A16	A16
✓ mname	5	Middle Name	Nominal	15	Left	A15	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
✓ fmrmmname	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

Variables in the working file

5-21-07
← gp

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
✓ reprace	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
OK? 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
OK? 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
awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	95	Extract Date	Nominal	10	Left	A10	A10
term	96	Session	Nominal	7	Left	A7	A7
credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8.2 F8	F8.2 F8
camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8.2 F8	F8.2 F8
campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8.2 F8	F8.2 F8
campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8.2 F8	F8.2 F8
campsf	102	Courses Taken at Southfield	Scale	10	Right	F8.2 F8	F8.2 F8
campdw	103	Courses Taken District Wide	Scale	10	Right	F8.2 F8	F8.2 F8
credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

Variables in the working file

corrected
guy ✓

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ credro	107	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
✓ credsf	108	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
✓ creddw	109	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
✓ status	110	Student Status in Term	Scale	10	Right	F8.2	F8.2
✓ multi	111	Attends multiple campuses	Scale	10	Right	F8.2 FB	F8.2 FB
✓ ftiac	112	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Corrected
gmsf

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

Variable Values

Value	Label	
✓ rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	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
✓ 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



Variable Values

Value	Label
repace AF	African American
AS	Asian
HI	Hispanic
NI	Native American
NR	Non Resident Alien
UN	Race Unknown
WH	White

Demo File Creation Worksheet

Demo **071E**

Term: **WINTER 07 EOS**

Run From Colleague:	Application/Report	Time Frame: 5/4/07
Snapshot	XIR1	
Snapshot	XIR2	
Manually	XIR3	
Run From Colleague Query Builder:	Query I:\Research Data\Student Information System\Syntax	Changes Required
Manually	IR STUDENTS by term.wis	term file name and path save list
Manually	Save Foreign Person Alien Status.wis	get list file name and path
Automatically Creates and Imports: fpalst Winter 2007 EOS .txt		
Files Created and Imported via WebExport:	Application/Report	IR File Name: I:\Research Data\Student Information System\Raw Data files
X_IR_EX_HEADCOUNT_FILE_	XIR2	HEADCOUNT MAY0407 .DAT
X_IR_EX_STUDENT_FILE_	XIR3	STUDENT MAY0407 .DAT
X_IR_EX_COLLEGE_FILE_	XIR3	COLLEGE MAY0407 .DAT
X_IR_EX_DEGREES_FILE_	XIR3	DEGREES MAY0407 .DAT
X_IR_EX_SPOPS_FILE_	XIR3	SPOPS MAY0407 .DAT
X_IR_EX_TESTS_FILE_	XIR3	TESTS MAY0407 .DAT
SPSS SYNTAX:		
I:\Research Data\Student Information System\Syntax\Colleague Demo 01032007.SPS		
See syntax for changes:		
From: Fall 2006 JAN0207 065E	To: Winter 2007 MAY0407 071E	(30) (4) (25)
Transfers: 6	Awards: 8	
H:\DEMO file instructions\Demo to Official Enrollment comparison.SPS		
From:	To:	

***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\Raw Data files\Winter 2007\Raw Data

\STUDENTMAY0407.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 rescod '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\Raw Data files\Winter 2007\Demo
071E.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\Raw Data files\Winter 2007\Raw Data'+
'fpalst Winter 2007 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\Winter 2007\Foreign
Person 071E.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071E.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Foreign Person
071E.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo
071E.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\Raw Data files\Winter 2007\Demo  
071E.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\Raw Data files\Winter 2007\Raw Data'+  
'COLLEGEMAY0407.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\Raw Data files\Winter 2007  
\Transfer071E.sav'  
/DROP=cred /COMPRESSED.
```

```
GET
```

```
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Transfer071E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007  
\Transfer071E.sav'.
```

```
GET
```

```
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071E.sav'.
```

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

```
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Transfer071E.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\Winter 2007\Demo  
071E.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\Raw Data files\Winter 2007\Raw Data'+
'DEGREESMAY0407.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\Raw Data files\Winter 2007\Previous  
OCC Degrees 071E.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC Degrees  
071E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous  
OCC Degrees .071E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Previous OCC  
Degrees 071E.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\Winter 2007\Demo  
071E.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\Raw Data files\Winter 2007\Raw Data'+  
* '\HEADCOUNTJUL0506.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\Raw Data files\Winter 2007\Raw Data'+  
'\HEADCOUNTMAY0407.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 (str NE '06/29/06' & str NE '07/02/06' & str NE '07/05/06' & str NE '07/06/06'
  & str NE '07/07/06' & str NE '07/10/06' & str NE '07/11/06'
  & str NE '07/12/06' & str NE '07/13/06' & str NE '07/17/06' & str NE '07/18/06' & str NE '07/20/06' & str
  NE '08/14/06').
*EXECUTE.
```

**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 (str = '07/01/05' | str = '07/03/05' | str = '07/05/05' | str = '07/06/05' | str = '07/07/05' | str =
  '07/08/05'
  **| str = '07/11/05' | str = '07/12/05' | str = '07/13/05' | str = '07/21/05' | str = '08/15/05').
**EXECUTE.
```

*Include students in Summer I (15 week grades concerns).

*FILTER OFF.

*USE ALL.

```
*SELECT IF(grde > -1 or (MISSING(grde) and (regstat = 'A' OR regstat = 'N') ).
*EXECUTE.
```

FILTER OFF.

USE ALL.

```
SELECT IF(grde > -1 | (MISSING(grde) & (regstat = 'A' | regstat = 'N'))).
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\Raw Data files\Winter 2007\course activity  
071E.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) /creddw 'Credits Registered District  
Wide' =  
SUM(creddw).
```

```
GET
```

```
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\course activity  
071E.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 .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw
(F8.0).
EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\course
activity 071E.sav'
/COMPRESSED.

*Merge course activity into demo file.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\Demo 071E.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Winter 2007\course activity
071E.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 071E.sav'  
/COMPRESSED.
```

	CredStud	credits_sum	campah_sum	camphl_sum	campor_sum
1	N	44.00	1286.00	22.00	509.00

	campro_sum	campsf_sum	campdw_sum	credah_sum
1	.00	8.00	1019.00	1774.71

	credhl_sum	credor_sum	credro_sum	credsf_sum
1	22.92	479.09	.00	38.16



	creddw_sum	status_sum	multi_sum
1	1432.80	2120.00	28.00

File Information:

Multiple valued variables:

tcol & tcred .5 OK ✓ awdmo, awdyr & awddeg .4 OK ✓
 term.2 OK ✓ credhl.2 OK ✓

[DataSet8] I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E NonTrad.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ id	1	Student ID	Nominal	10	Left	A10	A10
✓ ssn	2	Social Security Number	Nominal	11	Left	A11	A11
✓ lname	3	Last Name	Nominal	26	Left	A26	A26
✓ fname	4	First Name	Nominal	16	Left	A16	A16
✓ mname	5	Middle Name	Nominal	15	Left	A15	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
✓ fmrmname	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

Variables in the working file

op ✓ 5-29-07

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ 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
✓ zip	33	Zip Code	Nominal	10	Left	A10	A10
✓ hsctny	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	Nominal 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

Corrected gmy

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ 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
✓ awdmo.1	69	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.1	70	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.1	71	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.2	72	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.2	73	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.2	74	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.3	75	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.3	76	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.3	77	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.4	78	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.4	79	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.4	80	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ run	81	Extract Date	Nominal	10	Left	A10	A10
✓ term.1	82	term.1: Session	Nominal	7	Left	A7	A7
✓ term.2	83	term.2: Session	Nominal	7	Left	A7	A7
✓ credits	84	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
✓ campah	85	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
✓ camphl	86	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
✓ campor	87	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
✓ campro	88	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
✓ campsf	89	Courses Taken at Southfield	Scale	10	Right	F8	F8
✓ campdw	90	Courses Taken District Wide	Scale	10	Right	F8	F8
✓ credah	91	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
✓ credhl.1	92	credhl.1: Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
✓ credhl.2	93	credhl.2: Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
✓ credor	94	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
✓ credro	95	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
✓ credsf	96	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
✓ creddw	97	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
✓ status	98	Student Status in Term	Scale	10	Right	F8.2	F8.2
✓ multi	99	Attends multiple campuses	Scale	10	Right	F8	F8
✓ ftiac	100	Calculated FTIAC	Nominal	7	Left	A2	A2
✓ tcoll.6	101	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	102	tcred.6: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
CredStud	103	Student is enrolled in 2006/SU	Nominal	7	Left	A7	A7

Variables in the working file

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
	OU DI Out of District
	OU DV Virtual College Out of District
	OU ST Out of State
	OU SV Virtual College Out of State
	RE VN Residency Verification Needed
	SC IN Invalid Code
	SC OD Invalid Code

Variable Values

Value		Label
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
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
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
repace	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	NR	Non Resident Alien
	UN	Race Unknown
WH	White	

Demo File Creation Worksheet

Demo 071^E Non Trad Term: Winter 07 EDS KIT

Run From Colleague:		Application/Report	Time Frame: 5/9/07
Snapshot		XIR1	
Snapshot		XIR2	
Manually		XIR3	
Run From Colleague Query Builder:		Query I:\Research Data\Student Information System\Syntax	Changes Required
Manually		IR STUDENTS by term.wis	term file name and path save list
Manually		Save Foreign Person Alien Status.wis	get list file name and path
Automatically Creates and Imports:		fpalst	.txt
Files Created and Imported via WebExport:		Application/Report	IR File Name: I:\Research Data\Student Information System\Raw Data files
X_IR_EX_HEADCOUNT_FILE_		XIR2	HEADCOUNT .DAT
X_IR_EX_STUDENT_FILE_		XIR3	STUDENT .DAT
X_IR_EX_COLLEGE_FILE_		XIR3	COLLEGE .DAT
X_IR_EX_DEGREES_FILE_		XIR3	DEGREES .DAT
X_IR_EX_SPOPS_FILE_		XIR3	SPOPS .DAT
X_IR_EX_TESTS_FILE_		XIR3	TESTS .DAT
SPSS SYNTAX:			
I:\Research Data\Student Information System\Syntax\Colleague Demo 01032007.SPS			
See syntax for changes:			
From:	2005/AY	To:	2006/AY (1)
	2006AY		2007AY (7)
	2005AY		2006AY (4)
	JAN 1107		MAY0907 (3)
	062		071 (55)
	JAN 2406 AY 2005		MAY0907 AY 2006
	2006/AY		2007/AY (1) Manually
	JUL0706		MAY0907
Transfers:	2006AY / 2007AY 4 / 5	Awards:	2006AY / 2007AY 4 / 4
H:\DEMO file instructions\Demo to Official Enrollment comparison.SPS			
From:		To:	

2006AY
525T
2,110

10 stud 2006AY

**Winter 2007 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 Process with 2006/AY.

*****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 2007AY\STUDENT 2006AY MAY0907.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'
hname '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 071E1
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
2007AY'+
'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
071E1 NonTrad.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 071E1
NonTrad.sav'
/BY id.
EXECUTE.
```

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E1
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 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\Raw Data files\WIP\Demo 071E1
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
2007AY'+
'\COLLEGE 2006AY MAY0907.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.

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\Raw Data files\WIP\Transfer071E1  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer071E1 NonTrad.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer071E1  
NonTrad.sav'.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer071E1 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 071E1  
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
2007AY'+
```

```
'\DEGREES 2006AY MAY0907.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='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 071E1 NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 071E1  
NonTrad.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 071E1 NonTrad.sav'.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees  
071E1 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 071E1  
NonTrad.sav'  
/COMPRESSED.
```

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

```
**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTMAY0907AY2006.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 = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+  
\HEADCOUNTMAY0907AY2006.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 071E1 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) /creddw 'Credits Registered District
Wide' =
SUM(creddw).
```

GET

FILE='I:\Research Data\Student Information System\End of Session\Student Course Registration\course activity 071E1 NonTrad.sav'.

IF ((campah + camphl + campor + campro + camps + 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 & camps > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & camps > 0) OR
(camphl > 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) / camphl (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 071E1 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 071E1 NonTrad.sav'.

SORT CASES BY
id (A) .

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\End of Session\Student Course Registration
\course activity 071E1 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 071E1
NonTrad.sav'
/COMPRESSED.
```

```
*****Repeat Process with 2007/AY.
*****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
2007AY\STUDENT 2007AY MAY0907.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 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 071E2
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
2007AY'+
'\fpalst 2007AY 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
071E2 NonTrad.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 071E2
NonTrad.sav'
/BY id.
EXECUTE.
```



```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E2
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 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\Raw Data files\WIP\Demo 071E2
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
2007AY'+
'\COLLEGE 2007AY MAY0907.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.
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\Raw Data files\WIP\Transfer071E2  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer071E2 NonTrad.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer071E2  
NonTrad.sav'.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer071E2 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 071E2  
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
2007AY'+
```

```
'\DEGREES 2007AY MAY0907.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='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC
Degrees 071E2 NonTrad.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 071E2
NonTrad.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC
Degrees 071E2 NonTrad.sav'.

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

GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E2 NonTrad.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees
071E2 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 071E2
NonTrad.sav'
/COMPRESSED.

*****CREATE TERM ACTIVITY.

**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward
\HEADCOUNTMAY0907AY2007.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 = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+

'HEADCOUNTMAY0907AY2007.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 071E2 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) /creddw 'Credits Registered District
Wide' =
SUM(creddw).
```

GET

FILE='I:\Research Data\Student Information System\End of Session\Student Course Registration\course activity 071E2 NonTrad.sav'.

IF ((campah + camphl + campor + campro + camps + 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 & camps > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & camps > 0) OR
(camphl > 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) / camphl (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 071E2 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 071E2 NonTrad.sav'.

SORT CASES BY
id (A) .

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\End of Session\Student Course Registration
\course activity 071E2 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 071E2
NonTrad.sav'
/COMPRESSED.
```

```
*****MERGE STUDENT FILES TOGETHER and DEDUP.
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E1 NonTrad.sav'.
```

```
ADD FILES /FILE=*
/FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo'+
' 071E2 NonTrad.sav'.
```


EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data'+
' files\WIP\Demo 071E NonTrad.sav'
/COMPRESSED.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data'+
' files\WIP\Demo 071E 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'+
' 071E.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 camphl 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 ncp prog occdeg.1 occdeg.2 occdeg.3 occdeg.4 occdeg.5 occdeg.6
occdeg.7 occdeg.8 phone prevdeg prevsess primlang prvcmp regcred repace
rescntry rescnty rescode resstt run ssn state status tcoll.1 tcoll.2 tcoll.3
tcoll.4 tcred.1 tcred.2 tcred.3 tcred.4 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) 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.

EXECUTE.

RECODE
CredStud ('2006/SU'='Y') (ELSE='N') .
EXECUTE .

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

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 071E
NonTrad.sav'
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Demo 071E NonTrad.sav'
/COMPRESSED.

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2007 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

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