

DEMO 062 E

SUMMER I 06 EDS

XIR1 - From Snapshot → COURSE-JUL0506.DAT
 XIR2 - From Snapshot → HEADCOUNT-JUL0506.DAT
 XIR3 - STUDENT → STUDENT-JUL0506.DAT
 COLLEGE → COLLEGE-JUL0506.DAT
 DEGREES → DEGREES-JUL0506.DAT
 SPOPS → SPOPS-JUL0506.DAT
 TESTS → TESTS-JUL0506.DAT

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

"Save Foreign Person Alien Status. wis"

chg - get list

- PC output file info

creates - "fpalst summer I 2006 EDS.trt"

Run: "Colleague Demo End of Session"

chg Winter → Summer (20)

Raw Data → Summer I 2006 Raw Data (1)

MAY0906 → JUL0506 (3)

MAY1006 → JUL0506 (2)

061 → 062 (24)

fpalst Summer 2006 EDS → fpalst Summer I 2006 EDS

Cross-check - doesn't match due to selection

Criteria different

Really off due to grades not posted til end of
 Summer II for 15 wk courses.

tool - 4
 ands - 8

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	✓

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
multi	107	Attends multiple campuses	Scale	10	Right	F8.2 <i>5/6 F8</i>	F8.2 <i>5/6 F8</i>
ftiac	108	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

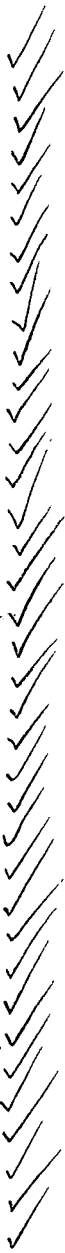
Chg'd to F8.0 5/24/06 Gmf

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 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
awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	69	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12



φ .5

Variables in the working file

File Information

[DataSet1] I:\Research Data\Student Information System\First Day of Session\Demo 062F.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

(-Master has 34 items on p. 1-)

Demo 062 F Summer I FDS (5/8/06)

XIR1 From Snapshot → COURSE MAY0806.DAT

XIR2 " → HEADCOUNT MAY0806.DAT

XIR3 - STUDENT → STUDENT MAY0806.DAT

COLLEGE → COLLEGE MAY0806.DAT

DEGREES → DEGREES MAY0806.DAT

SPOPS → SPOPS MAY0806.DAT

TESTS → TESTS MAY0806.DAT

QUERIES "IR STUDENTS by term, wis → IRSTUD06SU

"SAVE Foreign Person Alien Status, wis"

CREATES : fpalst summer 1 2006 FDS. tut

Run: "Colleague Demo 01242006. SPS

change "One Tenth Day" → First Day of Session ②

"MAY1506" → MAY0806 ④

062T → 062F ②⑤

OTD → FDS ①

transfers : 4

awards : 8

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

chg End of Session → First Day of Session ①

042E → 062F

ITS A MATCH

Attends Royal Oak Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9761	72.6	72.6	72.6
	1.00	<i>3671</i> 3681	27.4	27.4	100.0
Total		13442	100.0	100.0	

Attends Southfield Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	12049	89.6	89.6	89.6
	1.00	<i>1391</i> 1393	10.4	10.4	100.0
Total		13442	100.0	100.0	

Attends Districtwide Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	13442	100.0	100.0	100.0

13426

Attends multiple campuses

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	1609	12.0	100.0	100.0
Missing	System	11833	88.0		
Total		13442	100.0		

1605

*does not match OER
may be due to 7/02/06 included
here and not in OER*

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Summer I OTD 2006 HEADCOUNTMay1506 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	13442	13442	13442	13442	13442	13442	1609
	Missing	0	0	0	0	0	0	11833

Frequency Table

Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9496	70.6	70.6	70.6
	1.00	3931	29.4	29.4	100.0
Total		13442	100.0	100.0	

Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	10967	81.6	81.6	81.6
	1.00	2475	18.4	18.4	100.0
Total		13442	100.0	100.0	

Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9803	72.9	72.9	72.9
	1.00	3639	27.1	27.1	100.0
Total		13442	100.0	100.0	

	run	cred_1
1	05/15/2006	64482.50

64402.50

	loc	cred_1
1	AH	17509.00
2	HL	9938.50
3	OR	15295.00
4	RO	15622.00
5	SF	6118.00

OEC

17,445

15,613

6117,00

File Information

[DataSet6] I:\Research Data\Student Information System\Raw Data files\WIP\Summer I OTD 2006 Course Registrations.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Scale <i>NOM. ok</i>	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	Scale <i>NOM. ok</i>	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	Nominal <i>SCALE ok</i>	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

```
' & 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 062E2 NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 062E2  
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 062E2 NonTrad.sav'.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees  
062E2 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 062E2  
NonTrad.sav'  
/COMPRESSED.
```

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

```
**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTJUL0706AY2006.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'+
```

'\HEADCOUNTJUL0706AY2006.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 062E2 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 062E2 NonTrad.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\End of Session\Student Course Registration\course activity 062E2 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 062E2 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 062E2 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 062E2
NonTrad.sav'
/COMPRESSED.
```

```
*****MERGE STUDENT FILES TOGETHER and DEDUP.
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E1 NonTrad.sav'.
```

```
ADD FILES /FILE=*
/FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo'+
'062E2 NonTrad.sav'.
```

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data'+
' files\WIP\Demo 062E NonTrad.sav'
/COMPRESSED.

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

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

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\End of Session\Demo'+
' 062E.sav'
/RENAME (address address2 admst alien appday appmo appsess appyr area
awdmo.1 awdmo.2 awdmo.3 awdmo.4 awdmo.5 awdmo.6 awdmo.7 awdmo.8 awdyr.1
awdyr.2 awdyr.3 awdyr.4 awdyr.5 awdyr.6 awdyr.7 awdyr.8 brthda brthmo brthyr
campah campdw camppl campor campro campsf citizen city credah credatt creddw
credearn credhl credits credor credro credsf crprog ethnic ferpa fmrfname
fmrlname fmrmname fname fpalst ftiac.ged gender gpacreds gpapts homcmp
hscity hscnty hscode hsgradmo hsgradyr hsname hsstate immig intent lname
mname multi ncprog occdeg.1 occdeg.2 occdeg.3 occdeg.4 occdeg.5 occdeg.6
occdeg.7 occdeg.8 phone prevdeg prevsess primlang prvcmp regcred 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 062E
NonTrad.sav'

/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Demo 062E NonTrad.sav'
/COMPRESSED.

File Information

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

*File moved
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

4-23-08-af

✓

Variable Information

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

Variables in the working file

File Information

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

*FILE MOVED
5/7/09*

Variable Information

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

Variables in the working file

variables proofed. 5-5-08

Variable Information

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

Variables in the working file

DEMO 062E NonTrad. SAV SUMMER 1 2006 EDS
should use 2005AY and 20061AY

RUN XIR 1,2,3

DATA FILES: STUDENT_2006AY_ JUL0706.DAT
STUDENT_2005AY_ JAN1107.DAT DIDN'T FIND
2005AY FILE
COLLEGE
COLLEGE
DEGREES
HEADCOUNT JUL0706AY0506 merged, SAV
JUL2406AY2005
JUL0706AY2006

STUDENT FILE

chg Winter → Summer 1

2006 → 2005

061E → 062E (27)

1561
1557

**Summer I 2005 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 2005/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 2006AY\STUDENT 2005AY JAN1107.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 062E1
NonTrad.sav'
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'fpalst 2005AY 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
062E1 NonTrad.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 062E1
NonTrad.sav'
/BY id.
EXECUTE.
```

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E1
NonTrad.sav'
/COMPRESSED.

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

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E1
NonTrad.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'\COLLEGE 2005AY JAN1107.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\Transfer062E1  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer062E1 NonTrad.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer062E1  
NonTrad.sav'.
```

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

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E1 NonTrad.sav'.
```

MATCH FILES /FILE=*

```
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer062E1 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 062E1  
NonTrad.sav'  
/COMPRESSED.
```

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

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



```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
```

```
'DEGREES 2005AY JAN1107.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 062E1 NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 062E1  
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 062E1 NonTrad.sav'.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees  
062E1 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 062E1  
NonTrad.sav'  
/COMPRESSED.
```

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

```
**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTJAN2406AY2005.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'+  
\HEADCOUNTJUL2406AY2005.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 062E1 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 062E1 NonTrad.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\End of Session\Student Course Registration\course activity 062E1 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 062E1 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 062E1 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 062E1
NonTrad.sav'
/COMPRESSED.
```

```
*****Repeat 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
2006AY\STUDENT 2006AY JUL0706.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\WIP\Demo 062E2
NonTrad.sav'
/COMPRESSED.
```

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

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

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

```
CACHE.
EXECUTE.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person
062E2 NonTrad.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 062E2
NonTrad.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E2
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 062E2
NonTrad.sav'
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'\COLLEGE 2006AY JUL0706.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\Transfer062E2  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer062E2 NonTrad.sav'.
```

```
SORT CASES BY id .
```

```
CASESTOVARS
```

```
/ID = id
```

```
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer062E2  
NonTrad.sav'.
```

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

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 062E2 NonTrad.sav'.
```

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

```
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer062E2 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 062E2  
NonTrad.sav'  
/COMPRESSED.
```

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

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

```
*created prior to Fall 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
\DEGREES 2006AY JUL0706.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 ~=)
```

/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 '07/01/05' & str NE '07/03/05' & str NE '07/05/05' & str NE  
'07/06/05'  
& str NE '07/07/05' & str NE '07/08/05' & str NE '07/11/05'  
& str NE '07/12/05' & str NE '07/13/05' & str NE '07/21/05' & str NE '08/15/05').  
** EXECUTE.
```

```
** SAVE OUTFILE='I:\Internal Reporting\Enrollment\Official Enrollment\Summer I  
2006 Raw Data\'+  
\EOS Summer 05\headcount summer I 2005.sav'.
```

****FOR SUMMER II**

****Select those course registrations for courses that fit into the Summer II session. Those**
**** courses will generally fall within a fixed set of dates. If it is not possible to evaluate**
**** whether or not the registration belongs in Summer I or Summer II by the start date,**
**** look at the Section Number of the Course (not in this data file).**

****FILTER OFF.**

****USE ALL.**

```
**SELECT IF (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 =
```

```
'/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 062E.sav'  
/COMPRESSED.
```

File Information

[DataSet6] I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer I 2006 EOS .sav

Variable Information

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

Variables in the working file

✓ 9/24/09

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

'08/15/05').
**EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(grde > -1).
EXECUTE.

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

IF (loc = 'AH') credah = cred .
IF (loc = 'HL') credhl = cred.
IF (loc = 'OR') credor = cred.
IF (loc = 'RO') credro = cred.
IF (loc = 'SF') credsf = cred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
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\Summer 2006\course
activity 062E.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at
Auburn Hills' = SUM(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard
Ridge' = SUM(campor) /campro 'Courses Taken at'+

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

GET

FILE='I:\Research Data\Student Information System\Summer 2006\course
activity 062E.sav'.

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

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

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\course activity 062E.sav'
/COMPRESSED.

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Summer 2006\Demo
062E.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Summer 2006\course
activity 062E.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'+

***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\Summer 2006\Summer I 2006 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'
*mid '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\Summer 2006\Summer I
2006 Raw Data'+
'HEADCOUNTJUL0506.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
```

*****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\Summer 2006\Summer I 2006 Raw Data\STUDENTJUL0506.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A10

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

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

crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

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

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

EXECUTE.

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

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

value labels immig 'PR' 'Permanent Resident'

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

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

'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'

'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6
'Certificate'

7 'High School' 8 'GED' 9 'No determination'.

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

'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id ~=

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Demo 062E.sav'
/COMPRESSED.

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

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

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

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Foreign Person 062E.sav'

/COMPRESSED.

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

GET

**FILE='I:\Research Data\Student Information System\Summer 2006\Demo
062E.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Summer 2006\Foreign
Person 062E.sav'**

/BY id.

EXECUTE.

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Demo 062E.sav'**

/COMPRESSED.

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

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

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

STRING repace (A8).

IF (fpalst = 'Y') repace = 'NR' .

IF (fpalst NE 'Y') repace = ethnic .

VARIABLE LABELS repace 'Reported Race/Ethnicity' .

EXECUTE .

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

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

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Demo 062E.sav'**

/COMPRESSED.

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

***students attended.**

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data'+
'COLLEGEJUL0506.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

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

' & id NE ' ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Transfer062E.sav'
/DROP=cred /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Summer 2006
\Transfer062E.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Transfer062E.sav'.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Demo
062E.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2006
\Transfer062E.sav'

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

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Demo 062E.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\Summer 2006\Summer I
2006 Raw Data'+
'DEGREESJUL0506.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.**

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

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

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

' & id NE ').
EXECUTE .

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Previous OCC Degrees 062E.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Previous
OCC Degrees 062E.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Previous OCC Degrees 062E.sav'.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Demo
062E.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2006\Previous
OCC Degrees 062E.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Demo 062E.sav'
/COMPRESSED.

/COMPRESSED.

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I  
2006 Raw Data'+  
'\HEADCOUNTMAY1506.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 '0626743' &
id NE '0626744' & id NE '0626750' & id NE '0626751'
& id NE '0623236').

EXECUTE .

*For Summer I only.

*FILTER OFF.

*USE ALL.

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

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

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

*EXECUTE.

*For Summer II only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE
'05/12/04'

& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'

& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'

& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').

*EXECUTE.

*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.

FILTER OFF.

USE ALL.

SELECT IF(stat = 'A').

EXECUTE.

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

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

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

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

RECODE

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

AGGREGATE

/OUTFILE='I:\Research Data\Student Information System\Summer 2006\Summer
I 2006 Raw Data\course activity 062T.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at
Auburn Hills' = SUM(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard
Ridge' = SUM(campor) /campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM
(campsf) /campdw 'Courses Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)
/credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor)
/credro 'Credits Registered at Royal Oak' =
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(ccredsf) /creddw
'Credits Registered District Wide' =
SUM(creddw).

GET

FILE='I:\Research Data\Student Information System\Summer 2006\Summer I

2006 Raw Data\course activity 062T.sav'.

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

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\course activity 062T.sav'
/COMPRESSED.

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

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\course activity 062T.sav'

/BY id.
EXECUTE.

*Create "FTIAC" variable.

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

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

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

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

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

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

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

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

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

****attendance at OCC.

STRING ftiac (A2).

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

DRAFTING'+

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

= 'TECH'+

' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+

' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT

EXAMINATION-CEEB'

| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog

~= 'GUE' & crprog ~=

'HSG' & occdeg.1 = ' ') ftiac = 'Y' .

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062T.sav'
/COMPRESSED.**

**SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day
\Demo 062T.sav'
/COMPRESSED.**

	term	credah_sum	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1		.00	.00	.00	.00	.00	.00
2	2006/SU	17445.00	9938.50	15295.00	15613.00	6111.00	.00

✓ ✓ ✓ ✓ ✓ ✓ ✓

Demo 062T SCH HC Aggregate.sav

	multi_sum	credits_sum	HCah_sum	HChl_sum	HCor_sum	HCro_sum	HCsf_sum	HCdw_sum
1	.00	.00	.00	.00	.00	.00	.00	.00
2	1605.00	64402.50	3931.00	2475.00	3639.00	3677.00	1391.00	.00

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

	status_sum
1	.00
2	13426.00



***Demo to Official Enrollment comparision.**

***Open appropriate Demo file.**

GET

FILE='I:\Research Data\Student Information System\One Tenth Day\Demo 062T.sav'.

***To create a campus headcount that can be aggregated.**

IF (campah >0) HCah = 1 .

IF (camphl >0) HChl = 1 .

IF (campor >0) HCor = 1 .

IF (campro >0) HCro = 1 .

IF (campsf >0) HCsf = 1 .

IF (campdw >0) HCdw = 1 .

EXECUTE.

VARIABLE LABELS

HCah 'Headcount Auburn Hills Campus'

HChl 'Headcount Highland Lake Campus'

HCor 'Headcount Orchard Ridge Campus'

HCro 'Headcount Royal Oak Campus'

HCsf 'Headcount Southfield Campus'

HCdw 'Headcount Districtwide'.

RECODE

credits credah credhl credor credro credsf creddw status multi HCah HChl HCor HCro HCsf HCdw (SYSMIS=0)

EXECUTE .

SAVE OUTFILE='H:\DEMO file instructions\Demo 062T comparision.sav'
/COMPRESSED.

*Sum Headcount and Student Credit Hours to match to Official Enrollment Report.

AGGREGATE

/OUTFILE='H:\DEMO file instructions\Demo 062T SCH HC Aggregate.sav'

/BREAK=term

/credah_sum = SUM(credah) /credhl_sum = SUM(credhl) /credor_sum = SUM(credor) /credro_sum = SUM
(credro) /credsf_sum =

SUM(credsf) /creddw_sum = SUM(creddw) /multi_sum = SUM(multi)/credits_sum = SUM(credits)/HCah_sum =
SUM(HCah) /HChl_sum = SUM(HChl) /HCor_sum =

SUM(HCor) /HCro_sum = SUM(HCro) /HCsf_sum = SUM(HCsf) /HCdw_sum = SUM(HCdw) /status_sum =
SUM(status) .

*Review data.

GET

FILE='H:\DEMO file instructions\Demo 062T SCH HC Aggregate.sav'.

File Information

[DataSet10] I:\Research Data\Student Information System\Summer 2006\Demo 062E.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
rescny	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

8-30
op

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
awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	69	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdmo.2	70	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	71	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	72	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	73	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	74	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	75	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	76	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	77	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	78	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	79	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	80	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	81	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	82	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	83	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	84	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	85	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	86	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	87	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	88	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	89	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	90	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12

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

Variable Values

Value	Label	
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
	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

Variable Values

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

****Summer I 2006 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 'fds' with 'otd', for example. The output file term identifier needs**

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

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

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

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I 2006 Raw Data\STUDENTMAY0806.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14

sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

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

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

EXECUTE.

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

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

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'

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

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

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

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

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

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

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

' & id NE ' ' & id NE '0626743' & id NE '0626744' & id NE '0626750'
& id NE '0626751' & id NE '0623236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062F.sav'
/COMPRESSED.

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

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

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

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Foreign Person 062F.sav'
/COMPRESSED.

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

GET

**FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062F.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Foreign Person 062F.sav'**

/BY id.

EXECUTE.

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062F.sav'**

/COMPRESSED.

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

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

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

STRING repace (A8).

IF (fpalst = 'Y') repace = 'NR' .

IF (fpalst NE 'Y') repace = ethnic .

VARIABLE LABELS repace 'Reported Race/Ethnicity' .

EXECUTE .

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

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

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062F.sav'**

/COMPRESSED.

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

***students attended.**

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data'+
'\COLLEGEMAY0806.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

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

' & id NE ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Transfer062F.sav'
/DROP=cred /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Transfer062F.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Transfer062F.sav'.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062F.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I

2006 Raw Data\Transfer062F.sav'

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

/BY id

/DROP= d0 d1 d2 d3 d4 d5.

EXECUTE.

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

\Summer I 2006 Raw Data\Demo 062F.sav'

/COMPRESSED.

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

*created prior to SUMMER II 2003 due to changes in the extract process.

GET DATA /TYPE = TXT

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

'\DEGREESMAY0806.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'

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\Summer 2006
\Summer I 2006 Raw Data\Previous OCC Degrees 062F.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Previous OCC Degrees 062F.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Previous OCC Degrees 062F.sav'.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062F.sav'.

MATCH FILES /FILE=*
**/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Previous OCC Degrees 062F.sav'**
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062F.sav'

/COMPRESSED.

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I  
2006 Raw Data'+  
'\HEADCOUNTMAY0806.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 '0626743' &
id NE '0626744' & id NE '0626750' & id NE '0626751'
& id NE '0623236').

EXECUTE .

*For Summer I only.

*FILTER OFF.

*USE ALL.

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

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

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

*EXECUTE.

*For Summer II only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE
'05/12/04'

& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'

& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'

& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').

*EXECUTE.

*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.

FILTER OFF.

USE ALL.

SELECT IF(stat = 'A').

EXECUTE.

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

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

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

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

RECODE

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

AGGREGATE

```
/OUTFILE='I:\Research Data\Student Information System\Summer 2006\Summer
I 2006 Raw Data\course activity 062F.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\Summer 2006\Summer I
```