

Variable Pooled 3-20-06 LJ, AP

File Information

[DataSet11] I:\Research Data\Student Information System\First Day of Session\Demo 051F.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
fmlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

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

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
tcred.6	70	tcred.6: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	71	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	72	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.1	73	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	74	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	75	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	76	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	77	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	78	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	79	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	95	Extract Date	Nominal	10	Left	A10	A10
term	96	Session	Nominal	7	Left	A7	A7
credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	102	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	103	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

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

F8.2

Variables in the working file

Variable Values

Value	Label
immig	AU Au Pair
	F1 F-1 Student
	NI Non-Immigrant
	NR Non-Resident Alien
	OI Other International
	PR Permanent Resident
	RA Resident Alien
	RE Refugee/Asylee
	TR Temporary Resident
	UN Unknown
ethnic	AF African American
	AS Asian
	HI Hispanic
	NI Native American
	UN Race Unknown
	WH White

Variable Values

Value		Label
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
	UN	Undecided
prevdeg	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
9	No determination	

Variable Values

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

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

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

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

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

	Name	Type	Width	Deci	Label	Values	Missing	Col	Align
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left
54	crprog	String	14	0	Credit Program	None	None	1	Left
55	ncprog	String	14	0	Non-Credit Program	None	None	1	Left
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doctor	None	8	Right
57	fpalst	String	2	0	Corrected Alien Status	None	None	2	Left
58	reprace	String	8	0	Reported Race/Ethnicity	{AF, Afric	None	1	Left
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	3	Left
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	1	Right
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	3	Left
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	1	Right
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	3	Left
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	1	Right
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	3	Left
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	1	Right
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	3	Left
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	1	Right
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None	None	3	Left
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None	None	1	Right
71	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	None	2	Left
72	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	None	2	Left
73	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	None	1	Left
74	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	None	2	Left
75	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	None	2	Left
76	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	None	1	Left
77	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	None	2	Left
78	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	None	2	Left

Double check

Double Check

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

Double check

	Name	Type	Width	Deci	Label	Values	Missing	Col	Align
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	1	Left
80	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	None	2	Left
81	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	None	2	Left
82	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	None	1	Left
83	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	None	2	Left
84	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	None	2	Left
85	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	None	1	Left
86	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	None	2	Left
87	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	None	2	Left
88	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	None	1	Left
89	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	None	2	Left
90	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	None	2	Left
91	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	None	1	Left
92	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	None	2	Left
93	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	None	2	Left
94	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	None	1	Left
95	run	String	10	0	Extract Date	None	None	1	Left
96	term	String	7	0	Session	None	None	7	Left
97	credits	Numeric	8	2	Credits Registered This Term	None	None	1	Right
98	campah	Numeric	8	2	Courses Taken at Auburn Hills	None	None	1	Right
99	camphl	Numeric	8	2	Courses Taken at Highland Lakes	None	None	1	Right
100	campor	Numeric	8	2	Courses Taken at Orchard Ridge	None	None	1	Right
101	campro	Numeric	8	2	Courses Taken at Royal Oak	None	None	1	Right
102	campsf	Numeric	8	2	Courses Taken at Southfield	None	None	1	Right
103	campdw	Numeric	8	2	Courses Taken District Wide	None	None	1	Right
104	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	1	Right

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

	Name	Type	Width	Deci	Label	Values	Missing	Col	Align
105	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	1	Right
106	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	1	Right
107	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	1	Right
108	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	1	Right
109	creddw	Numeric	8	2	Credits Registered District Wide	None	None	1	Right
110	status	Numeric	8	2	Student Status in Term	None	None	1	Right
111	multi	Numeric	8	2	Attends multiple campuses	None	None	1	Right
112	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left

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

DEMO 051F WINTER 2005 FDS

X1R1 → From Snapshot File → COURSE JAN1005.DAT

X1R2 → HEADCOUNT JAN1005.DAT

X1R3 → X.IR.STUDENT.FILE.20050110 → STUDENT JAN1005.DAT

X.IR.COLLEGE.FILE.20050110 → COLLEGE JAN1005.DAT

X.IR.DEGREES.FILE.20050110 → DEGREES JAN1005.DAT

X.IR.SPOPS.FILE.20050110 → SPOPS JAN1005.DAT

X.IR.TESTS.FILE.20050110 → TESTS JAN1005.DAT

FROM COLLEAGUE QUERY → Spalst winter 2005 fds.txt

Run: Colleague Demo 04072005

change Summer → Winter (31)

2004 → 2005 (36)

SUMMER II delete (5)

AUG3004 → JAN1005 (4)

END of Session → First Day of Session (2)

044E → 051F (25)

EOS → FDS (1)

double check data with DER

6 total
8 cards

Demo to Official Enrollment comparison.

Open appropriate Demo file.

SET

FILE='I:\Research Data\Student Information System\First Day of Session\Demo 051F.sav'.

To create a campus headcount that can be aggregated.

= (campah >0) HCah = 1 .

= (camphl >0) HChl = 1 .

= (campor >0) HCor = 1 .

= (campro >0) HCro = 1 .

= (campsf >0) HCsf = 1 .

= (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 051F comparison.sav'

COMPRESSED.

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

AGGREGATE

/OUTFILE='H:\DEMO file instructions\Demo 051F 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.

SET

FILE='H:\DEMO file instructions\Demo 051F SCH HC Aggregate.sav'.

*Winter 2005 First Day of Session.

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

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

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

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

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

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

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

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

Replace " ** of Session" sub-directory.

SET DATA /TYPE = TXT

'FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data

STUDENTJAN1005.DAT'

'DELCASE = LINE

'DELIMITERS = ", "

'QUALIFIER = ""

'ARRANGEMENT = DELIMITED

'FIRSTCASE = 2

'IMPORTCASE = ALL

VARIABLES =

d A10

ssn A11

name A26

iname A16

nname A15

nomcmp A2

orvcmp A2

imrlname A26

imrfname A16

imrmname A15

escnty A6

esstt A2

escntry A5

alien A1

orimlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

orthmo F2.0

orthda F2.0

orthyr F2.0

erpa A1

veteran A2

vetben A3

escode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

rscnty F7.0

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

CACHE.
EXECUTE.

VARIABLE LABELS

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

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

EXECUTE.

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

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

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

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

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

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

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id ~=

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'\fpalst Winter 2005 FDS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .

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

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051F.sav'
/COMPRESSED.

* Add fpalst (Corrected Alien Status).

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051F.sav'
/BY id.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'
/COMPRESSED.

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

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'
/COMPRESSED.

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

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'\COLLEGEJAN1005.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

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



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

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051F.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Transfer051F.sav'.
```

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

6 Tcol

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Transfer051F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'DEGREESJAN1005.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL
```

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A10

homcmp A2

prvcmp A2

major A3

spec A3

awd A4

awdmo A2

awdyr A2.

VARIABLE LABELS

id 'Student ID'

ssn 'Social Security Number'

lname 'Last Name'

fname 'First Name'

mname 'Middle Name'

homcmp 'Home Campus'

prvcmp 'Previous Home Campus'

major 'Primary Subject Area'

spec 'Specialization Area'

awd 'Previous OCC Award Type'

awdmo 'Previous OCC Degree Month'

awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees  
051F.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051F.sav'.
```

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

8 awds

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees  
051F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'\HEADCOUNTJAN1005.DAT'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10  
term A7  
pref A3  
num F6
```

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

.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

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

EXECUTE.

FILTER OFF.
USE ALL.

SELECT IF(id ~= ' ')

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

```
EXECUTE .
```

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

```
FILTER OFF.
```

```
USE ALL.
```

```
SELECT IF (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.
```

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

```
FILTER OFF.
```

```
USE ALL.
```

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

```
EXECUTE.
```

```
FILTER OFF.
```

```
USE ALL.
```

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

```
EXECUTE.
```

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

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

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

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

```
IF (loc = 'SF') camps sf = 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')
```

```
cred dw = cred.
```

```
EXECUTE .
```

```
RECODE
```

```
cred campah camphl campor campro camps sf campdw credah credhl
```

```
credor credro credsf cred dw (MISSING=0) .
```

```
EXECUTE .
```

```
AGGREGATE
```

```
/OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051F.sav'
```

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

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

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

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

GET

```
FILE='I:\Research Data\Student Information System\Winter 2005\course activity 051F.sav'.
```

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

```
IF ((campah > 0 & camphl > 0) OR  
(campah > 0 & campor > 0) OR  
(campah > 0 & campro > 0) OR  
(campah > 0 & campsf > 0) OR  
(campah > 0 & campdw > 0) OR  
(camphl > 0 & campor > 0) OR  
(camphl > 0 & campro > 0) OR  
(camphl > 0 & campsf > 0) OR  
(camphl > 0 & campdw > 0) OR  
(campor > 0 & campro > 0) OR  
(campor > 0 & campsf > 0) OR  
(campor > 0 & campdw > 0) OR  
(campro > 0 & campsf > 0) OR  
(campro > 0 & campdw > 0) OR  
(campsf > 0 & campdw > 0)) multi = 1.
```

```
VARIABLE LABELS multi 'Attends multiple campuses'.  
EXECUTE .
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051F.sav'  
/COMPRESSED.
```

*Merge course activity into demo file.

GET

```
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'.
```

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

```
/TABLE='I:\Research Data\Student Information System\Winter 2005\course activity 051F.sav'  
/BY id.  
EXECUTE.
```

*Create "FTIAC" variable.

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

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

STRING ftiac (A2).

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

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051F.sav'
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\First Day of Session\Demo 051F.sav'
/COMPRESSED.

***WORKING COPY DEMO 2005.SPS, January 7, 2005

- **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 051T or 045T with 041T. Replace the full Headcount
- **file name in order to ensure that the correct extract is used for counting purposes.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data\STUDENTJAN2105.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 F7.0

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

Replace JAN 21 w/ JAN 10 (4)
otd w/ fds (2)
051F w/ 051F 25
UPDATED ONE TENTH DAY →
Updated First Day of Session

Reran 1/25/05 by

credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'

prevdeg 'Highest Degree Obtained'

EXECUTE.

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

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

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

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

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

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

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

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

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+

'fpalst Winter 2005 otd.txt'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

VARIABLE LABELS

id 'Student ID'

fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051T.sav'
/COMPRESSED.

* Add fpalst (Corrected Alien Status).

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051T.sav'
/BY id.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'\COLLEGEJAN2105.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

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

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

VARIABLE LABELS

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'
/DROP=cred /COMPRESSED.
```

GET

```
FILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'.
```

```
SORT CASES BY id .
```

CASESTOVARS

```
/ID = id
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'.
```

GET

```
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.
```

MATCH FILES /FILE=*

```
/TABLE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.
```

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

GET DATA /TYPE = TXT

```
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'DEGREESJAN2105.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

VARIABLE LABELS

```

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

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'.

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

```

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

```

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'HEADCOUNTJAN2105.DAT'
/DELCASE = LINE
/DELIMITERS = " , "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
run A10
term A7

```

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

.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

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

EXECUTE.

FILTER OFF.
USE ALL.

SELECT IF(id ~= '□' & id ~= '' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').

EXECUTE .

FILTER OFF.
USE ALL.

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

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

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

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

```
AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.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\Winter 2005\course activity 051T.sav'.
```

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

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

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.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-CEE' |
'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\Updated One Tenth Day\Demo 051T.sav'
/COMPRESSED.

Demo 051F

Run X1R3 For "2005/w1"

Run "Foreign Person Alien Status" in query builder saved
(EB raw)

Import X.IR. STUDENT. FILE. 20050110. DAT

X.IR. COLLEGE. FILE. 20050110. DAT

X.IR. DEGREES. FILE. 2005110. DAT

X.IR. SPOPS. FILE. 2005110. DAT

X.IR. TESTS. FILE. 2005110. DAT

Run "working copy demo 2005. SPS" found in syntaxdirect.
make recommend FIND/REPLACE suggestions
monitor as running

notes:

STUDENT FILE WAS TOO SMALL

RE-RAN X1R3 and syntax (File was stop'd by Glen in IT)

checked HC and credits against OER

**"WORKING COPY DEMO 2005.SPS, January 7, 2005

①

'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 'fpalst fall 2004' with 'fpalst winter 2004', for example. The output file term identifier needs to be replaced as well, for example 045T with 045E or 045T with 041T.

JAN1005

```
GET DATA /TYPE = TXT
FILE = 'I:\Research Data\Student Information System\Fall 2004\Raw Data\STUDENTSEP1404.DAT'
DELCASE = LINE
DELIMITERS = ", "
QUALIFIER = ""
ARRANGEMENT = DELIMITED
FIRSTCASE = 2
IMPORTCASE = ALL
VARIABLES =
d A10
;sn A11
name A26
name A16
nname A10
iomcmp A2
;rvcmp A2
mrlname A26
mrfname A16
mrmname A15
escnty A6
esstt A2
escntry A5
;alien A1
;rimlang A10
immig A4
area F3.0
;hone A8
;gender A1
;ethnic A2
;orthmo F2.0
;orthda F2.0
;orthyr F2.0
;erpa A1
;veteran A2
;vetben A3
;escode A4
;citizen A1
;address A26
;address2 A26
;city A20
;state A2
;zip A10
;scnty F7.0
;rcode F6.0
;rsname A27
;rcity A20
;rsstate A2
;sgradmo F2.0
;sgradyr F2.0
;jed A1
;ppmo F2.0
;ppday F2.0
;ppyr F2.0
;ppsess A7
;admst A2
;ntent A5
;egcred F5.2
;redatt F5.2
;redearn F5.2
```

Cases to Variables: Winter 2005 EOS

Generated Variables

Original Variable		Result	
		Name	Label
Transfer College	1	tcoll.1 tcoll.2 tcoll.3 tcoll.4 tcoll.5 tcoll.6	tcoll.1: Transfer College
	2		tcoll.2: Transfer College
	3		tcoll.3: Transfer College
	4		tcoll.4: Transfer College
	5		tcoll.5: Transfer College
	6		tcoll.6: Transfer College
Credits from Transfer College	1	tcred.1 tcred.2 tcred.3 tcred.4 tcred.5 tcred.6	tcred.1: Credits from Transfer College
	2		tcred.2: Credits from Transfer College
	3		tcred.3: Credits from Transfer College
	4		tcred.4: Credits from Transfer College
	5		tcred.5: Credits from Transfer College
	6		tcred.6: Credits from Transfer College

Processing Statistics

Cases In	1767
Cases Out	1390
Cases In/Cases Out	1.3
Variables In	9
Variables Out	19
Index Values	6

Cases to Variables

Generated Variables

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

Generated Variables

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

Generated Variables

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

Processing Statistics

Cases In	1353
Cases Out	1223
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

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'
hs cnty '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='H:\New Folder\Demo 045T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Fall 2004\Raw Data'+
'\fpalst fall 2004 otd.txt' winter 2005 SDS
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .

VARIABLE LABELS fpalst 'Corrected Alien Status'.

CACHE.

EXECUTE.

4

SORT CASES BY
id (A) .

SAVE OUTFILE='H:\New Folder\Foreign Person 045t.sav'
/COMPRESSED.

051F

* Add fpalst (Corrected Alien Status).
GET
FILE='H:\New Folder\Demo 045T.sav'.

MATCH FILES /FILE=*
/TABLE='H:\New Folder\Foreign Person 045t.sav'
/BY id.
EXECUTE.

051F

SAVE OUTFILE='H:\New Folder\Demo 045T.sav'
/COMPRESSED.

051F

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

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

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

SAVE OUTFILE='H:\New Folder\Demo 045T.sav'
/COMPRESSED.

051F

*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\Fall 2004\Raw Data'+
'\COLLEGESEP1404.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.

Winter 2005

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

COMPUTE tcred = cred * .01 .
EXECUTE .

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

SAVE OUTFILE='H:\New Folder\Transfer045T.sav'
/DROP=cred /COMPRESSED.

GET
FILE='H:\New Folder\Transfer045T.sav'.

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

SAVE OUTFILE='H:\New Folder\Transfer045T.sav'.

GET
FILE='H:\New Folder\Demo 045T.sav'.

MATCH FILES /FILE=*
/TABLE='H:\New Folder\Transfer045T.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='H:\New Folder\Demo 045T.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\Fall 2004\Raw Data'+
'DEGRESSEP1404.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A15
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.

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

FILTER OFF.
USE ALL.

051F

051F

051F

051F

051F

051F

6 t record

watch, did not get removed.

Winter 5

```
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='H:\New Folder\Previous OCC Degrees 045T.sav'
/DROP=major spec awd /COMPRESSED.
```

```
GET
FILE='H:\New Folder\Previous OCC Degrees 045T.sav'.
```

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

```
SAVE OUTFILE='H:\New Folder\Previous OCC Degrees 045T.sav'.
```

```
GET
FILE='H:\New Folder\Demo 045T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='H:\New Folder\Previous OCC Degrees 045T.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='H:\New Folder\Demo 045T.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\Fall 2004\Raw Data'+
Winter 5
'\HEADCOUNTSEP1404.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
str A8
end A8
type A3
cred F4.2
cont F5.2
id a10
hmcp A2
last A13
first A11
midd A10
ssn A11
grde F2.1
```

stat A1

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

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

EXECUTE.

FILTER OFF.
USE ALL.

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

EXECUTE .

Save as OUTFILB Updated ("EOS")

Student Course Registrations

FILTER OFF.
USE ALL.

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

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

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

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

AGGREGATE
/OUTFILE='H:\New Folder\course activity 045T.sav'

good here

```

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

```

```

GET
FILE='H:\New Folder\course activity 045T.sav'.

```

```

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

```

```

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

```

```

SORT CASES BY
id (A) .

```

```

SAVE OUTFILE='H:\New Folder\course activity 045T.sav'
/COMPRESSED.

```

```

*Merge course activity into demo file.
GET
FILE='H:\New Folder\Demo 045T.sav'.

```

```

MATCH FILES /FILE=*
/TABLE='H:\New Folder\course activity 045T.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='H:\New Folder\Demo 045T.sav'
/COMPRESSED.

```

File Information

[DataSet1] I:\Research Data\Student Information System\One Tenth Day\Demo 051T.sav

Variable Information

variables proofread - 3/21-06

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	10	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

15
Screen format corrected
3/22/06

Variables in the working file

Variable Information

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

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
OK ✓ tcred.6	70	tcred.6: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
✓ awdmo.1	71	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.1	72	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.1	73	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.2	74	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.2	75	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.2	76	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.3	77	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.3	78	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.3	79	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
OK ✓ occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
✓ run	95	Extract Date	Nominal	10	Left	A10	A10
✓ term	96	Session	Nominal	7	Left	A7	A7
✓ credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
✓ campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
✓ camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
✓ campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
✓ campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
✓ campsf	102	Courses Taken at Southfield	Scale	10	Right	F8	F8
✓ campdw	103	Courses Taken District Wide	Scale	10	Right	F8	F8
✓ credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
✓ credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
✓ credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

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

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White

Variable Values

Value	Label	
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
	admst	CG
FT		First Time in Any College
HD		Dual Enrollment
HG		High School Guest
NC		Non Credit
PR		Previously Attended OCC
intent	TR	Transfer
	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	

Variable Values

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

ESF
9/15/05
Corrections
made
JST

*

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

	Missing	Columns	Align	Measure
1	None	10	Left	Nominal
2	None	11	Left	Nominal
3	None	26	Left	Nominal
4	None	16	Left	Nominal
5	None	10	Left	Nominal
6	None	2	Left	Nominal
7	None	2	Left	Nominal
8	None	26	Left	Nominal
9	None	16	Left	Nominal
10	None	15	Left	Nominal
11	None	6	Left	Nominal
12	None	2	Left	Nominal
13	None	5	Left	Nominal
14	None	1	Left	Nominal
15	None	10	Left	Nominal
16	None	4	Left	Nominal
17	None	8	Right	Scale
18	None	8	Left	Nominal
19	None	1	Left	Nominal
20	None	2	Left	Nominal
21	None	8	Right	Nominal
22	None	8	Right	Scale
23	None	8	Right	Scale
24	None	1	Left	Nominal
25	None	2	Left	Nominal
26	None	3	Left	Nominal

	Name	Type	Width	Decimals	Label	Values
27	rescode ✓	String	4 ✓	0 ✓	Residency Code ✓	{INID, Internati
28	citizen ✓	String	1 ✓	0	U.S. Citizenship ✓	None
29	address ✓	String ✓	26 ✓	0 ✓	Address ✓	None
30	address2 ✓	String ✓	26 ✓	0	Address Line 2 ✓	None
31	city ✓	String ✓	20 ✓	0	City ✓	None
32	state ✓	String ✓	2 ✓	0	State ✓	None
33	zip ✓	String ✓	10 ✓	0	Zip Code ✓	None
34	hscnty ✓	Numeric ✓	7 ✓	0	High School County ✓	None
35	hscode ✓	Numeric ✓	76 ✓	0	High School Code ✓	None
36	hsname ✓	String ✓	27 ✓	0 ✓	High School Name	None
37	hscity ✓	String ✓	20 ✓	0	High School City ✓	None
38	hsstate ✓	String ✓	2 ✓	0	High School State ✓	None
39	hsgradmo ✓	Numeric ✓	2 ✓	0	High School Graduation Month ✓	None
40	hsgradyr ✓	Numeric ✓	2 ✓	0	High School Graduation Year ✓	None
41	ged ✓	String ✓	1 ✓	0	GED ✓	None
42	appmo ✓	Numeric ✓	2 ✓	0	OCC Application Month ✓	None
43	appday ✓	Numeric ✓	2 ✓	0	OCC Application Day ✓	None
44	appyr ✓	Numeric ✓	2 ✓	0	OCC Application Year ✓	None
45	appsess ✓	String ✓	7 ✓	0	Intended Starting Session	None
46	admst ✓	String ✓	2 ✓	0	Admission Status ✓	{NC, Non Cred
47	intent ✓	String ✓	5 ✓	0	Educational Goal ✓	{TA, Transfer
48	regcred ✓	Numeric ✓	5 ✓	2 ✓	Colleague Recorded Credits Registered this term ✓	None
49	credatt ✓	Numeric ✓	5 ✓	2 ✓	Credits Attempted OCC Career	None
50	credearn ✓	Numeric ✓	5 ✓	2 ✓	Credits Earned OCC Career	None
51	gpacreds ✓	Numeric ✓	5 ✓	2 ✓	Credits Calculated in GPA	None
52	gpapts ✓	Numeric ✓	6 ✓	2 ✓	Grade Points Earned OCC Career	None

★

delete?

	Missing	Columns	Align	Measure
27	None	4	Left	Nominal
28	None	1	Left	Nominal
29	None	26	Left	Nominal
30	None	26	Left	Nominal
31	None	20	Left	Nominal
32	None	2	Left	Nominal
33	None	10	Left	Nominal
34	None	8	Right	Scale
35	None	8	Right	Scale
36	None	27	Left	Nominal
37	None	20	Left	Nominal
38	None	2	Left	Nominal
39	None	8	Right	Nominal
40	None	8	Right	Scale
41	None	1	Left	Nominal
42	None	8	Right	Nominal
43	None	8	Right	Scale
44	None	8	Right	Nominal
45	None	7	Left	Nominal
46	None	2	Left	Nominal
47	None	5	Left	Nominal
48	None	8	Right	Scale
49	None	8	Right	Scale
50	None	8	Right	Scale
51	None	8	Right	Scale
52	None	8	Right	Scale

	Name	Type	Width	Decimals	Label	Values
53	prevsess	String	7	0	Last Session Attended	None
54	crprog	String	14	0	Credit Program	None
55	ncprog	String	14	0	Non-Credit Program	None
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doctorate}..
57	fpalst	String	2	0	Corrected Alien Status	None
58	reprace	String	8	0	Reported Race/Ethnicity	{AF, African A
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None
71	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None
72	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None
73	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None
74	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None
75	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None
76	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None
77	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None
78	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None

Verify
of tcoll
* tcred.

	Missing	Columns	Align	Measure
53	None	7	Left	Nominal
54	None	14	Left	Nominal
55	None	14	Left	Nominal
56	None	8	Right	Nominal
57	None	2	Left	Nominal
58	None	10	Left	Nominal
59	None	35	Left	Nominal
60	None	10	Right	Scale
61	None	35	Left	Nominal
62	None	10	Right	Scale
63	None	35	Left	Nominal
64	None	10	Right	Scale
65	None	35	Left	Nominal
66	None	10	Right	Scale
67	None	35	Left	Nominal
68	None	10	Right	Scale
69	None	35	Left	Nominal
70	None	10	Right	Scale
71	None	2	Left	Nominal
72	None	2	Left	Nominal
73	None	14	Left	Nominal
74	None	2	Left	Nominal
75	None	2	Left	Nominal
76	None	14	Left	Nominal
77	None	2	Left	Nominal
78	None	2	Left	Nominal

	Name	Type	Width	Decimals	Label	Values
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None
80	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None
81	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None
82	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None
83	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None
84	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None
85	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None
86	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None
87	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None
88	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None
89	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None
90	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None
91	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None
92	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None
93	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None
94	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None
95	run	String	10	0	Extract Date	None
96	term	String	7	0	Session	None
97	credits	Numeric	8	2	Credits Registered This Term	None
98	campah	Numeric	8	2	Courses Taken at Auburn Hills	None
99	camphl	Numeric	8	2	Courses Taken at Highland Lakes	None
100	campor	Numeric	8	2	Courses Taken at Orchard Ridge	None
101	campro	Numeric	8	2	Courses Taken at Royal Oak	None
102	campsf	Numeric	8	2	Courses Taken at Southfield	None
103	campdw	Numeric	8	2	Courses Taken District Wide	None
104	credah	Numeric	8	2	Credits Registered at Auburn Hills	None

	Missing	Columns	Align	Measure
79	None	14	Left	Nominal
80	None	2	Left	Nominal
81	None	2	Left	Nominal
82	None	14	Left	Nominal
83	None	2	Left	Nominal
84	None	2	Left	Nominal
85	None	14	Left	Nominal
86	None	2	Left	Nominal
87	None	2	Left	Nominal
88	None	14	Left	Nominal
89	None	2	Left	Nominal
90	None	2	Left	Nominal
91	None	14	Left	Nominal
92	None	2	Left	Nominal
93	None	2	Left	Nominal
94	None	14	Left	Nominal
95	None	10	Left	Nominal
96	None	7	Left	Nominal
97	None	10	Right	Scale
98	None	10	Right	Scale
99	None	10	Right	Scale
100	None	10	Right	Scale
101	None	10	Right	Scale
102	None	10	Right	Scale
103	None	10	Right	Scale
104	None	10	Right	Scale

	Name	Type	Width	Decimals	Label	Values
105	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None
106	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None
107	credro	Numeric	8	2	Credits Registered at Royal Oak	None
108	credsf	Numeric	8	2	Credits Registered at Southfield	None
109	creddw	Numeric	8	2	Credits Registered District Wide	None
110	status	Numeric	8	2	Student Status in Term	None
111	multi	Numeric	8	2	Attends multiple campuses	None
112	ftiac	String	2	0	Calculated FTIAC	None

	Missing	Columns	Align	Measure
105	None	10	Right	Scale
106	None	10	Right	Scale
107	None	10	Right	Scale
108	None	10	Right	Scale
109	None	10	Right	Scale
110	None	10	Right	Scale
111	None	10	Right	Scale
112	None	7	Left	Nominal

DEMO 051T

Run XIR3 for "2005/w1"

Run "IR STUDENTS by term.wis" adjust for term ^{in student list}
"Save Foreign Person Alien Status.wis" adjust for term, file path

IMPORT: X.IR. STUDENT.FILE.20050121 → STUDENT JAN 2105.DAT
X.IR. COLLEGE.FILE.20050121 → COLLEGE JAN 2105.DAT
X.IR. DEGREES.FILE.20050121 → DEGREES JAN 2105.DAT
X.IR. SPOPS.FILE.20050121 → SPOPS JAN 2105.DAT
X.IR. TESTS.FILE.20050121 → TESTS JAN 2105.DAT

Run "Colleague Demo 01202005.SPS" Syntax

make find & replace corrections

JAN 0405 - JAN 2105 (3)

Fall 2004 - Winter 2005 (30)

COS → otd (2)

045E → 051T (25)

HEADCOUNT DEC 2304.DAT → HEADCOUNT JAN 2105.DAT (1)

UPDATED END OF SESSION → UPDATED ONE TENTH DAY

RUN! "Demo to Official Enrollment File Comparison."

⑥ + rnr
⑧ ams

	HeadcountOR_sum	HeadcountRO_sum	HeadcountSF_sum
1	.	.	.
2	✓ 7320.00	✓ 6287.00	✓ 3165.00

	HeadcountDW_sum	HeadcountMulti_sum	credits_sum	credah_sum
1
2	✓.	✓5078.00	188239.50	56354.00

	term	HeadcountCW_sum	HeadcountAH_sum	HeadcountHL_sum
1				
2	2005/WI	✓ 23696.00	✓ 8056.00	✓ 4578.00

Demo 051T HC and Credits crosscheck aggregate.sav

	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1
2	31302.00	48066.00	35526.00	16991.50	.00

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 051T or 045T with 041T. Replace the full Headcount file name in order to ensure that the correct extract is used for counting purposes.

```

GET DATA /TYPE = TXT
FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data\STUDENTJAN2105.DAT'
DELCASE = LINE
DELIMITERS = ", "
QUALIFIER = ""
ARRANGEMENT = DELIMITED
FIRSTCASE = 2
IMPORTCASE = ALL
VARIABLES =
d A10
sn A11
name A26
name A16
nname A10
nomcmp A2
orvcmp A2
mrlname A26
mrfname A16
mrmname A15
escnty A6
esstt A2
escntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
orthmo F2.0
orthda F2.0
orthyr F2.0
erpa A1
veteran A2
vetben A3
escode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
iscnty F7.0
iscode F7.0
isname A27
iscity A20
isstate A2
isgradmo F2.0
isgradyr F2.0
jed A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
ntent A5
egcred F5.2
redatt 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'

File Information:

The extract for this file does not contain the variables "section" or "regstat".

I:\Research Data\Student Information System\Raw Data files\WIP\Winter FDS 2005 Course Registrations.sav

Variable Information

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

Variables in the working file

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Winter FDS 2005 HEADCOUNTJan1005 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	22884	22884	22884	22884	22884	22884	5109
Missing	0	0	0	0	0	0	17775

Frequency Table

Attends Auburn Hills Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	14963	65.4	65.4	65.4
1.00	7921	34.6	34.6	100.0
Total	22884	100.0	100.0	

Attends Highland Lakes Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	18336	80.1	80.1	80.1
1.00	4548	19.9	19.9	100.0
Total	22884	100.0	100.0	

Attends Orchard Ridge Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	15789	69.0	69.0	69.0
1.00	7095	31.0	31.0	100.0
Total	22884	100.0	100.0	

Attends Royal Oak Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	16850	73.6	73.6	73.6
1.00	6034	26.4	26.4	100.0
Total	22884	100.0	100.0	

Attends Southfield Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	19801	86.5	86.5	86.5
1.00	3083	13.5	13.5	100.0
Total	22884	100.0	100.0	

Attends Districtwide Campus


	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	22883	100.0	100.0	100.0
1.00	1	.0	.0	100.0
Total	22884	100.0	100.0	

Attends multiple campuses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5109	22.3	100.0	100.0
Missing System	17775	77.7		
Total	22884	100.0		

	loc	cred_1	
1		3.00	✓
2	AH	56158.00	✓
3	HL	31231.50	✓
4	OR	47224.00	✓
5	RO	34543.00	✓
6	SF	16757.00	✓

	run	cred_1
1	01/10/2005	185916.50



File Information:

The extract for this file does not contain the "Section" variable.

[DataSet15] I:\Research Data\Student Information System\Raw Data files\WIP\Winter OTD 2005 Course Registrations.sav

Variable Information

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

Variables in the working file

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Winter OTD 2005 HEADCOUNTJan2105 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	23696	23696	23696	23696	23696	23696	5078
Missing	0	0	0	0	0	0	18618

Frequency Table

Attends Auburn Hills Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	15640	66.0	66.0	66.0
1.00	8056	34.0	34.0	100.0
Total	23696	100.0	100.0	

Attends Highland Lakes Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	19118	80.7	80.7	80.7
1.00	4578	19.3	19.3	100.0
Total	23696	100.0	100.0	

Attends Orchard Ridge Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	16376	69.1	69.1	69.1
1.00	7320	30.9	30.9	100.0
Total	23696	100.0	100.0	

Attends Royal Oak Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	17409	73.5	73.5	73.5
1.00	6287	26.5	26.5	100.0
Total	23696	100.0	100.0	

Attends Southfield Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	20531	86.6	86.6	86.6
1.00	3165	13.4	13.4	100.0
Total	23696	100.0	100.0	

Attends Districtwide Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	23696	100.0	100.0	100.0

Attends multiple campuses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5078	21.4	100.0	100.0
Missing System	18618	78.6		
Total	23696	100.0		

	run	cred_1
1	01/21/2005	188239.50 ✓

	loc	cred_1	
1	AH	56354.00	✓
2	HL	31302.00	✓
3	OR	48066.00	✓
4	RO	35526.00	✓
5	SF	16991.50	✓

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2005 EOS.sav

File moved 4/30/08

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occtotdmo	33	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occtotdda	34	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occtotdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

on M.C. ↓
ok
not on M.C. ↓

Variables in the working file

not on M.C. ok

4-30-08-ap

File Information

[DataSet4] I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2005 OTD.sav

Variable Information

File moved gmf 4/28/08

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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2 5	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2 8	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4 8	Left	A4	A4
occtotdmo	33	College wide One Tenth Day Month	Nominal	6	Left	A2	A2
occtotdda	34	College wide One Tenth Day Date	Nominal	6	Left	A2	A2
occtotdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

on M.C.O.
res 1-5
not on M.C.O.

ok 2 5
2 8
4 8

Variables in the working file

4-28-08-af

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Winter 2005 FDS.sav

File moved 5/13/08

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occtotdmo	33	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occtotdda	34	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occtotdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

rows 6 to 29 no o/c are missing.

Variables in the working file

[occtotd are not on M.C.C.] o/c

✓ 5/13/08

	term	credah_sum	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1		.00	.00	.00	.00	.00	.00
2	2005/WI	48910.00	27974.50	41561.00	30576.00	14857.50	.00

Demo 051E 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	4231.00	163879.00	7441.00	4261.00	6626.00	5698.00	2837.00	.00

	status_sum
1	.00
2	22174.00

**Winter 2005 End of Session.
***Colleague DEMO 2005.SPS, January 20, 2005
**Prior to running this syntax several Replace All commands must occur. First, the date portion
**of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.
**Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.
**The foreign person alien status file has a different naming convention and must also be replaced.
**Replace 'fds' with 'otd', for example. The output file term identifier needs
**to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount
**file name in order to ensure that the correct extract is used for counting purposes.
*Replace " ** of Session" sub-directory.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data\STUDENTMAY0605.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 F7.0
```

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

CACHE.
EXECUTE.

VARIABLE LABELS

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

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

EXECUTE.

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

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

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

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

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

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

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id ~=


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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'\fpalst winter 2005 EOS.txt'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
fpalst A2 .
```

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

```
CACHE.  
EXECUTE.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051E.sav'  
/COMPRESSED.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051E.sav'  
/BY id.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'  
/COMPRESSED.
```

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

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'
/COMPRESSED.

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

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'\COLLEGEMAY0605.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

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

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

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051E.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Transfer051E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Transfer051E.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'\DEGREESMAY0605.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =
```

id A10
ssn A1.1
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.

VARIABLE LABELS

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

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees  
051E.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees  
051E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051E.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'\HEADCOUNTMAY0605.DAT'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10  
term A7  
pref A3  
num F6  
loc A2
```

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

.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

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

EXECUTE.

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

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

```
EXECUTE .
```

```
FILTER OFF.
```

```
USE ALL.
```

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

```
EXECUTE.
```

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

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

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

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

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

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

```
campdw = 1.
```

```
EXECUTE .
```

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

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

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

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

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

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

```
creddw = cred.
```

```
EXECUTE .
```

```
RECODE
```

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

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

```
EXECUTE .
```

```
AGGREGATE
```

```
/OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051E.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\Winter 2005\course activity 051E.sav'.
```

```
IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
```

```
VARIABLE LABELS status 'Student Status in Term' .
```

```
EXECUTE .
```

*IF ((campah + camphl + campor + campro + camps + campdw) > 1) multi = 1 .

*VARIABLE LABELS multi 'Attends multiple campuses'.

*EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & camps > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & camps > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & camps > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & camps > 0) OR
(campro > 0 & campdw > 0) OR
(camps > 0 & campdw > 0)) multi = 1.

VARIABLE LABELS multi 'Attends multiple campuses'.

EXECUTE .

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051E.sav'
/COMPRESSED.

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051E.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Winter 2005\course activity 051E.sav'
/BY id.

EXECUTE.

*Create "FTIAC" variable.

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

STRING ftiac (A2).

IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'


```
tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = ' ' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = ' ') ftiac = 'Y' .
```

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

```
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Demo 051E.sav'  
'/COMPRESSED.
```

Frequencies GFS Academic Year 2002_03

Statistics

		Importance of of Quality of classroom facilities	Importance of Quality of OCC computer facilities	Satisfaction with of Quality of classroom facilities	Satisfaction with Quality of OCC computer facilities
N	Valid	861	861	861	861
	Missing	937	937	937	937
Mean		3.71	3.93	3.57	3.95
Median		4.00	4.00	4.00	4.00
Mode		4	4	4	4

Frequency Table

Importance of of Quality of classroom facilities

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unimportant	18	1.0	2.1	2.1
	Somewhat Unimportant	28	1.6	3.3	5.3
	Somewhat Important	250	13.9	29.0	34.4
	Very Important	542	30.1	63.0	97.3
	Does Not Apply	4	.2	.5	97.8
	Missing	19	1.1	2.2	100.0
	Total	861	47.9	100.0	
Missing	System	937	52.1		
Total		1798	100.0		

Importance of Quality of OCC computer facilities

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Unimportant	22	1.2	2.6	2.6
	Somewhat Unimportant	35	1.9	4.1	6.6
	Somewhat Important	187	10.4	21.7	28.3
	Very Important	556	30.9	64.6	92.9
	Does Not Apply	38	2.1	4.4	97.3
	Missing	23	1.3	2.7	100.0
	Total	861	47.9	100.0	
Missing	System	937	52.1		
Total		1798	100.0		

Satisfaction with of Quality of classroom facilities

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Dissatisfied	14	.8	1.6	1.6
	Somewhat Dissatisfied	36	2.0	4.2	5.8
	Somewhat Satisfied	315	17.5	36.6	42.4
	Very Satisfied	483	26.9	56.1	98.5
	Does Not Apply	3	.2	.3	98.8
	Missing	10	.6	1.2	100.0
	Total	861	47.9	100.0	
Missing System	937	52.1			
Total	1798	100.0			

Satisfaction with Quality of OCC computer facilities

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Very Dissatisfied	12	.7	1.4	1.4
	Somewhat Dissatisfied	29	1.6	3.4	4.8
	Somewhat Satisfied	234	13.0	27.2	31.9
	Very Satisfied	517	28.8	60.0	92.0
	Does Not Apply	62	3.4	7.2	99.2
	Missing	7	.4	.8	100.0
	Total	861	47.9	100.0	
Missing System	937	52.1			
Total	1798	100.0			

DEMO 051E

RUN XIR3 FOR "2005/W1"

RUN "IR STUDENTS by term.wis" adjust term = 2005/W1

changed SAVE LIST IRSTUD05W1

RUN "Save Foreign Person Alien Status.wis

adjust file name, path .txt extension

Application: NONE

Comma Quoted Values

IMPORT

X.IR. STUDENT. FILE. 20050506 → STUDENTMAY0605.DAT

X.IR. COLLEGE. FILE. 20050506 → COLLEGEMAY0605.DAT

X.IR. DEGREES. FILE. 20050506 → DEGREESMAY0605.DAT

X.IR. SPOPS. FILE. 20050506 → SPOPSMAY0605.DAT

X.IR. TESTS. FILE. 20050506 → TESTSMAY0605.DAT

Run "Colleague Demo 04272005.SPS"

make find & replace corrections

JAN2105 → MAY0605 (4)

WINTER 2005 changes already done

OTD - EOS (1)

051T - 051E (22)

ONE TENTH DAY - END OF SESSION (1)

Run "Demo to Official Enrollment comparison.sps"

total = 6
and = 8

File Information

Variables Proofread
3/21/06
c.w.

[DataSet2] I:\Research Data\Student Information System\End of Session\Demo 051E.sav

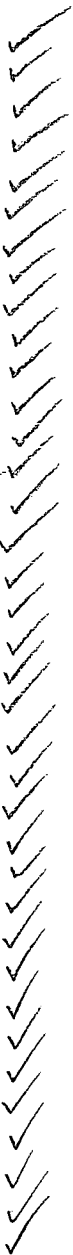
Variable Information

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

Variables in the working file

Variable Information

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



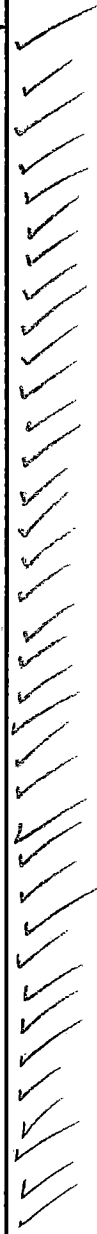
total
OK

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
tcred.6	70	tcred.6: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	71	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	72	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.1	73	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	74	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	75	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	76	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	77	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	78	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	79	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	80	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	81	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	82	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	83	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	84	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	85	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	86	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	87	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	88	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	89	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	90	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	91	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	92	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	93	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	94	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	95	Extract Date	Nominal	10	Left	A10	A10
term	96	Session	Nominal	7	Left	A7	A7
credits	97	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	98	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	99	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	100	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	101	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	102	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	103	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	104	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	105	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	106	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2

awds
OK



Variables in the working file

Variable Information

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

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White

Variable Values

Value	Label	
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
9	No determination	



Variable Values

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



prevdeg 'Highest Degree Obtained'

EXECUTE.

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

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

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

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

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

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

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id ~=

' & id NE '' & id NE '0616743' & id NE '0616744' & id NE '0616750' .

' & id NE '0616751' & id NE '0613236' & id NE '0554404').

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+

'fpalst Winter 2005 otd.txt'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

VARIABLE LABELS fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051T.sav'
/COMPRESSED.

* Add fpalst (Corrected Alien Status).

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051T.sav'
/BY id.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'COLLEGEJAN2105.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
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'
/DROP=cred /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'.

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'\DEGREESJAN2105.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10 *
ssn A11 *
lname A26 *
fname A15 *
mname A10 *
homcmp A2 *
prvcmp A2 *
major A3
spec A3
awd A4
awdmo A2
awdyr A2.

student ID
Social Security Number
Last Name
First Name
Middle Name
Home Campus
Previous Home Campus
data
** no labels*

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

6

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

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'.

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

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'.

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.

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

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'\HEADCOUNTJAN2105.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

mid A10
ssn A11
grde F2.1
stat A1

7

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

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

EXECUTE.

FILTER OFF.
USE ALL.

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

EXECUTE .

FILTER OFF.
USE ALL.

SELECT IF(stat = 'A').

EXECUTE.

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

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

RECODE

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

AGGREGATE

```

/OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM(campah) /camphl
'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor) /campro 'Courses Taken
at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at Royal Oak' =
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(credsf) /creddw 'Credits Registered District Wide' =
SUM(creddw).

```

GET

```

FILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.sav'.

```

```

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

```

```

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

```

```

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

```

```

SORT CASES BY
id (A) .

```

```

SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.sav'
/COMPRESSED.

```

*Merge course activity into demo file.

```

GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.

```

```

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.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. 'admsf' (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.

9

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\Updated End of Session\Demo 051T.sav'
/COMPRESSED.

**Winter 2005 One Tenth Day

***Colleague DEMO 2005.SPS, January 20, 2005

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

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

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

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

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

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

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

*Replace " " of Session" sub-directory.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data\STUDENTJAN21.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 F7.0

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

crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

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

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

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

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

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

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

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

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+
'fpalst Winter 2005 otd.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

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

```
CACHE.
EXECUTE.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051T.sav'
/COMPRESSED.
```

```
* Add fpalst (Corrected Alien Status).
GET
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Winter 2005\Foreign Person 051T.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.
```

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

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT
```

/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+

'COLLEGEJAN21.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A10

homcmp A2

prvcmp A2

tcoll A35

cred F8.2.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=)

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

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

VARIABLE LABELS

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Transfer051T.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'\DEGREESJAN21.DAT'  
/DELIMITERS = ", " DS  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A16  
mname A10  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.
```

VARIABLE LABELS

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

CACHE.
EXECUTE.

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


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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\Previous OCC Degrees 051T.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'  
/COMPRESSED.
```

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

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data'+  
'\HEADCOUNTJAN21.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  
str A8  
end A8  
type A3  
cred F4.2  
cont F5.2  
id a10  
hmcp A2  
last A13  
first A11  
midd A10  
ssn A11  
grde F2.1
```

stat A1

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

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

EXECUTE.

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

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

```
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')
```

```
credhw = cred.
```

```
EXECUTE .
```

```
RECODE
```

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

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

```
EXECUTE .
```

```
AGGREGATE
```

```
/OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.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) /credhw 'Credits Registered District Wide' =
```

```
SUM(credhw).
```

```
GET
```

```
FILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.sav'.
```

```
IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
```

```
VARIABLE LABELS status 'Student Status in Term' .
```

```
EXECUTE .
```

```
*IF ((campah + camphl + campor + campro + campsf + campdw) > 1) multi = 1 .
```

```
*VARIABLE LABELS multi 'Attends multiple campuses'.
```

```
*EXECUTE .
```

```
IF ((campah > 0 & camphl > 0) OR
```

```
(campah > 0 & campor > 0) OR
```

```
(campah > 0 & campro > 0) OR
```

```
(campah > 0 & campsf > 0) OR
```

```
(campah > 0 & campdw > 0) OR
```

```
(camphl > 0 & campor > 0) OR
```

```
(camphl > 0 & campro > 0) OR
```

```
(camphl > 0 & campsf > 0) OR
```

```
(camphl > 0 & campdw > 0) OR
```

```
(campor > 0 & campro > 0) OR
```

```
(campor > 0 & campsf > 0) OR
```

```
(campor > 0 & campdw > 0) OR
```

```
(campro > 0 & campsf > 0) OR
```

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

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.sav'  
/COMPRESSED.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Winter 2005\Demo 051T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Winter 2005\course activity 051T.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\One Tenth Day\Demo 051T.sav'  
/COMPRESSED.
```

*Demo to Official Enrollment comparision.

*Open appropriate Demo file.

```
GET  
FILE='I:\Research Data\Student Information System\One Tenth Day\Demo 051T.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 051T comparision.sav'  
/COMPRESSED.
```

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

AGGREGATE

```
/OUTFILE='H:\DEMO file instructions\Demo 051T SCH HC Aggregate.sav'  
/BREAK=term
```

```
/credah_sum = SUM(credah) /credhl_sum = SUM(credhl) /credor_sum = SUM(credor) /credro_sum = SUM(credro) /creditsf_sum =  
SUM(creditsf) /credwdw_sum = SUM(credwdw) /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 051T SCH HC Aggregate.sav'.
```