CERVICAL CANCER SCREENING SUPPLEMENT VISIT FILE DATA DICTIONARY

	LEGEND	No fill	Both NAMCS and NHAMCS		
		Yellow	**NAMCS only**		
		Blue	**NHAMCS only**		

NAMCS AND NHAMCS VISIT FILE VARIABLES

NOTE: TO PROTECT CONFIDENTIALITY, CERTAIN NON-SUDAAN VARIABLES ARE SET TO MISSING IN ED VISITS AND ALL VISITS BY MALES. FOR CLARIFICATION, THESE ARE MARKED WITH AN "X" IN THE FIRST COLUMN

Variable missing in ED and males	Variable Name	Variable labels	C/N	Length	Values for variable range and labels
	SETTYPE	Setting type	N	1	1='NAMCS' 2='OPD' 3='ED'
	SEX	Patient sex	N	1	1='Female' 2='Male'
X	AGE	Patient age in years	N	3	0=Less than one year 1-14 = '1 - 14 years old' 15-24= '15 - 24 years old' 25-44= '25 - 44 years old' 45-64= '45 - 64 years old' 65-74= '65 - 74 years old' 75-99='75 - 99 years old' 100-120='100 - 120 years old'
X	ETHNIC	Patient ethnicity	N	1	1='Hispanic or Latino' 2='Not Hispanic or Latino'
X	RACE	Patient race	N	1	1='White only 2='Black only' 3='Asian only' 4.='Native Hawaiian/Other Pacific Islander' 5='American Indian/Alaska Native ' 6='Two or more races'
X	RFV1	Patient's reason for visit #1	N	5	10050-89990='valid range' -9='Blank'
X	RFV2	Patient's reason for visit #2	N	5	10050-89990='valid range' -9='Blank'
X	RFV3	Patient's reason for visit #3	N	5	10050-89990='valid range' -9='Blank'

X	**PRIMCARE**	Are you the patient's primary care physician/provider?	N	1	1='Yes' 2='No' -8='Unknown' -9='Blank'
X	**DIAG1R**	Physician's diagnosis #1 - numeric recode	N	6	100100 - 209990='Valid range' -9='Blank'
X	**DIAG2R**	Physician's diagnosis #2 - numeric recode	N	6	100100 - 209990='Valid range' -9='Blank'
X	**DIAG3R**	Physician's diagnosis #3 - numeric recode	N	6	100100 - 209990='Valid range' -9='Blank'
X	**TEMPF**	Temperature measured in Fahrenheit.	N	4	800-1099 = '80.0 - 109.9 Fahrenheit' -9='Blank'
X	**BPSYS**	Initial vital signs: Patient's Systolic Blood Pressure	N	3	000='000' 001-020='01-20' 021-040='21-40' 041-060='41-60' 061-080='61-80' 081-100='81-100' 101-120='101-120' 121-140='121-140' 141-160='141-160' 161-180='161-180' 181-200='181-200' 201-230='201-230' 231-260='231-260' 261-290='261-290' -9='Blank'
X	**BPDIAS**	Initial vital signs: Patient's Diastolic Blood Pressure	N	3	000='000' 001-020='01-20' 021-040='21-40' 041-060='41-60' 061-080='61-80' 81-100='81-100' 101-130='101 - 130' 131-160='131 - 160' 161-190='161 - 190' 998='P, PALP, DOPP or DOPPLER' -9='Blank'
X	**NOSCREEN**	No diagnostic/screening services.	N	1	0='Box is not marked' 1='Box is marked' 2='No entries made, entire item blank'
X	**EXAM**	Check box created for examinations derived from PROC1 to PROC9	N	1	0='No entry made' 1='Coded in PROC1-PROC9'

X	**PROC1**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC2**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC3**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC4**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC5**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC6**	Write in procedure code	C	4	'0001'-'9998'='Valid range' '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC7**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC8**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC9**	Write in procedure code	C	4	0001 - 9998 = Valid range '9999'='Other miscellaneous procedures' '-9'='Blank'
X	**PROC1R**	Numeric version of write in procedure code	N	4	0001-9998=Valid range 9999='other miscellaneous procedures' -9='Blank'
X	**PROC2R**	Numeric version of write in procedure code	N	4	0001-9998=Valid range 9999='other miscellaneous procedures' -9='Blank'
X	**PROC3R**	Numeric version of write in procedure code	N	4	0001-9998=Valid range 9999='other miscellaneous procedures' -9='Blank'
X	**PROC4R**	Numeric version of write in procedure code	N	4	0001-9998=Valid range 9999='other miscellaneous procedures' -9='Blank'
X	**PROC5R**	Numeric version of write in procedure code	N	4	0001-9998=Valid range 9999='other miscellaneous procedures' -9='Blank'

X	PROC6R	Numeric version of write in procedure code	N	4	0001-9998='valid range' 9999='other miscellaneous procedures' -9='Blank'
X	PROC7R	Numeric version of write in procedure code	N	4	0001-9998='valid range' 9999='other miscellaneous procedures' -9='Blank'
X	PROC8R	Numeric version of write in procedure code	N	4	0001-9998='valid range' 9999='other miscellaneous procedures' -9='Blank'
X	PROC9R	Numeric version of write in procedure code	N	4	0001-9998='valid range' 9999='other miscellaneous procedures' -9='Blank'
X	TOTSERV	Total number of services reported (includes all services from items 6, 7 and 9)	N	2	0='No procedures or services' 1-54='Valid range'
X	OTHSERV	Are there procedure in PROC1 to PROC9	N	1	1='At least one procedure is in PROC1-PROC9' 0='No procedures in PROC1-PROC9'
X	SERVICES	Were any diagnostic/screening/non-medication treatment services ordered or provided at this visit, including vital signs?	N	1	1='At least one service was ordered or provided at this visit.' 0='No services were ordered or provided at this visit.'
X	BREAST	Breast exam	N	1	0='Box is not marked' 1='Box is marked'
X	PELVIC	Pelvic exam	N	1	0='Box is not marked' 1='Box is marked'
X	RECTAL	Rectal exam	N	1	0='Box is not marked' 1='Box is marked'
X	SKIN	Skin exam	N	1	0='Box is not marked' 1='Box is marked'
X	DEPRESS	Depression Screening	N	1	0='Box is not marked' 1='Box is marked'
X	ANYIMG	Any imaging	N	1	0='BONEDENS, MAMMO, MRI, ULTRASND, XRAY and OTHIMAGE are not marked' 1=' BONEDENS, MAMMO, MRI, ULTRASND, XRAY or OTHIMAGE is marked'
X	BONEDENS	Bone mineral density	N	1	0='Box is not marked' 1='Box is marked'
X	MAMMO	Mammography	N	1	0='Box is not marked' 1='Box is marked'
X	MRI	MRI/CT/PET	N	1	0='Box is not marked' 1='Box is marked'
X	XRAY	X-ray	N	1	0='Box is not marked' 1='Box is marked'

X	**OTHIMAGE**	Other imaging	N	1	0='Box is not marked' 1='Box is marked'
X	**CBC**	CBC (complete blood count)	N	1	0='Box is not marked' 1='Box is marked'
X	**GLUCOSE**	Glucose	N	1	0='Box is not marked 1='Box is marked'
X	**HGBA1C**	HgbA1C	N	1	0='Box is not marked 1='Box is marked'
X	**CHOLEST**	Lipids/Cholesterol	N	1	0='Box is not marked' 1='Box is marked'
X	**PSA**	PSA (prostate specific antigen)test	N	1	0='Box is not marked' 1='Box is marked'
X	**OTHERBLD**	Other blood test	N	1	0=Box is not marked 1='Box is marked'
X	**BIOPSY**	Biopsy	N	1	0='Box is not marked' 1='Box is marked'
X	**CHLAMYD**	Chlamydia test	N	1	0='Box is not marked' 1='Box is marked'
X	**PAPCONV**	PAP test-conventional	N	1	1='Box is marked'
X	**PAPLIQ**	PAP test-liquid-based	N	1	0=Box is not marked 1='Box is marked'
X	**PAPUNSP**	PAP test-unspecified	N	1	0=Box is not marked 1='Box is marked'
X	**HPVDNA**	HPV DNA test	N	1	0=Box is not marked 1='Box is marked'
X	**EKG**	EKG/ECG	N	1	0=Box is not marked 1='Box is marked'
X	**URINE**	Urinalysis (UA)	N	1	0=Box is not marked 1='Box is marked'
X	**OTHDIAG**	Other test/services	N	1	0=Box is not marked 1='Box is marked'

X	DIAGSC1	Other diag/screen service #1	C	4	0010 - 9998 = valid range '9999'='Other miscellaneous procedures' '-9' = 'Blank'
X	DIAGSC2	Other diag/screen service #2	C	4	0010 - 9998 = valid range '9999'='Other miscellaneous procedures' '-9' = 'Blank'
X	BDATEFL	Birth year	N	1	0= Not imputed 1=' Imputed'
X	SEXFL	Sex (imputed)	N	1	0= Not imputed 1=' Imputed'
X	RACEFL	Race (imputed)	N	1	0= Not imputed 1=' Imputed'
X	TIMEMD	Time spent with physician in minutes Note: On NAMCS visits only. Values are missing for NHAMCS visits.	N	3	000= 000 001-060='1-60' 061-120='61-120' 121-180='121-180' 181-240='181-240'
X	TIMEMDFL	Time spent with physician (imputed)	N	1	0= Not imputed 1=' Imputed'
X	ETHNICFL	Ethnicity flag (imputed)	N	1	0= Not imputed 1=' Imputed'
X	PAYTYPE	Primary expected source of payment for visit (Recoded PRF Q1.h) Note: Variable was recoded from PRF Q1.h using this hierarchy of payment categories: Medicaid/SCHIP, Medicare, Private Insurance, Worker's Compensation, Self-Pay, No Charge/Charity, Other, Unknown.	N	1	1=Private insurance 2='Medicare' 3='Medicaid/SCHIP' 4="Worker's compensation" 5='Self-pay' 6='No charge/ charity' 7='Other' -8='Unknown' -9='All sources for payment are blank'
X	HTIN	Height measure in inches	N	3	-9= Blank
X	WTLB	Weight measure in pounds	N	3	3-500= Valid range -9='Blank'
X	PAP	Any PAP test - conventional, liquid-based, or unspecified (Recoded PRF Q7.23-25)	N	1	0='No boxes were marked' 1='At least one box is marked'

	Variable Name	Variable labels	C or N	Length	Values for variable range and labels
X	SPECR	Numeric specialty (DOs dispersed) (updated by induction)	N	2	01='General/Family practice 03='Internal Medicine' 04='Pediatrics' 05='General Surgery' 06='Obstetrics & Gynecology' 07='Orthopedic Surgery' 08='Cardiovascular Diseases' 09='Dermatology' 10='Urology' 11='Psychiatry' 12='Neurology' 13='Ophthalmology' 14='Otolaryngology' 15='Other specialties' 16='Oncologists' 99='Mid-level provider'
X	CLINTYPE	Clinic specialty	N	2	1='GM' 2='SURG' 3='PED' 4='OBG' 5='Substance Abuse' 6='Other' -7='Not applicable, AU is part of an ED' -9='Blank'

THESE ARE DESIGN VARIABLES FOR USE IN SUDAAN CALCULATE STANDARD ERRORS.

	Variable Name	Variable labels	C or N	Length	Values for variable range and labels
	PROVIDE	Provider code.	N	4	0001-3350='valid range, physicians' 6001-7033='valid range, CHC physicians'
	YEAR	Survey year	N	4	2009='Year: 2009'
	DEPT	Department (for use when combining NAMCS and NHAMCS and running SUDAAN)	N	1	1='Department'
	SUSTRAT	Type of SU if used for stratification	N	1	1='SUSTRAT'

	Variable Name	Variable Label	C or N	Length	Values
	SU	Sample unit	N	1	1='Sample unit'
	CLINIC	Hospital clinic code (for use when combining NAMCS and NHAMCS and running SUDAAN)	N	1	1='Clinic'
	POPSU	Number of sampling units in hospital	N	1	0='Prob PSU/CHC provider' -1 ='Cert PSU/CHC provider' 1='Traditional provider'
	POPVIS	Estimated provider visit volume	N	2	0='Prob. PSU' -1='Cert PSU'
	PATWT	Patient weight (Rounded)	N	7	0='Final <>1' 1-9999999='Final = 1'
	CSTRAT	Clustered PSU stratum marker	N	8	20100000-20499915='Cert PSU' 30100000-41300000='Prob PSU'
	CPSU	Marker of PSU in which physician was sampled or physician marker.	N	8	100001-103000='Cert PSU' 1001-99001='Prob PSU'
	POPCPSU	Estimated number of in-scope providers w/in PSU and PROSTRAT	N	8	-1='Prob PSU' 1-99999999='Cert PSU'
	POPCPROV	Estimated number of providers in CPSU	N	8	0='Prob PSU' 1 ='Cert PSU'

VARIABLES FROM CCSS (PROVIDER SCREENING PRACTICES)

Variable Name	Variable Label	C or N	Length	Values
PAPCON	Method used to screen for cervical cancer - conventional Pap test	N	3	1='Yes' 2='No' -6='Multiple entries' -8='Unknown' -9='Blank'
INTCON	Interval for routine screening	N	3	1='Annually' 2='Every 2 years' 3='Every 3 years' 4='More than 3 years' 5='No routine interval recommended' -6='Multiple entry' -7='N/A' -9='Blank'

	PAPLIQD	Method used to screen for cervical cancer - liquid-based cytology	N	3	1='Yes' 2='No' -6='Multiple entries' -8='Unknown' -9='Blank'
	INTLIQD	Interval for routine screening	N	3	1='Annually' 2='Every 2 years' 3='Every 3 years' 4='More than 3 years' 5='No routine interval recommended' -6='Multiple entry' -7='N/A' -9='Blank'
	PAPOTH	Method used to screen for cervical cancer - other	N	3	1='Yes' 2='No' -6='Multiple entries' -8='Unknown' -9='Blank'
	VPAPOTH	Verbatim for other PAP test	C	75	' '='No entry made' Other = 'Entry Made'
	INTOTH	Interval for routine screening	N	3	1='Annually' 2='Every 2 years' 3='Every 3 years' 4='More than 3 years' 5='No routine interval recommended' -6='Multiple entry' -7='N/A' -9='Blank'
	COLPO	Does practice perform colposcopy?	N	3	1='Yes' 2='No' -8='Unknown' -9='Blank'
	HPVDNAO	Does practice ever order or collect HPVDNA test?	N	3	1='Yes' 2='No' 3='Not aware of HPVDNA test' -8='Unknown' -6='Multiple entry' -9='Blank'

	HPVDNALL	All tests ordered or collected in practice	N	3	1='High risk (HR) HPV DNA test' 2='Low risk (LR) HPV DNA test' 3='Not aware of high/low test' 4='Type-Specific HPVDNA test' -8='Unknown' -6='Multiple entry' -7='N/A' -9='All blank'
	HPVDNAHR	High risk HPV DNA test ordered or collected in practice	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	HPVDNALR	Low risk HPV DNA test ordered or collected in practice	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	HPVDNANA	Not aware there was a low or high risk HPV DNA test	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A - 3a=2-4' -9='Blank'
	HPVDNATS	Type-specific DNA test	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	HPVDNAUN	Unknown if low or high risk HPV DNA tests ordered or collected in clinic	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	YNODNALL	All reasons HPV DNA test not ordered in practice	N	3	1='Patients not seen' 2='Other tests used' 3='Access to colposcopy' 4='Not priority' 5='Labs do not offer' 6='Test not recommended' 7='Cost not covered' 8='Not discussed in STD context' 9='Takes too much time' 10='Clinicians uncomfortable' 11='Patients uncomfortable' -6='Multiple entry' -7='N/A'

	YNODNA1	Reason HPV DNA test not ordered - practice does not see type of patient for whom test is indicated	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA2	Reason HPV DNA test not ordered - practice uses other tests	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA3	Reason HPV DNA test not ordered - patients have timely access to colposcopy	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA4	Reason HPV DNA test not ordered - not a priority	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA5	Reason HPV DNA test not ordered - lab does not offer test	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA6	Reason HPV DNA test not ordered - health plan does not recommend test	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA7	Reason HPV DNA test not ordered - test is not a covered service	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA8	Reason HPV DNA test not ordered - cervical cancer screening not discussed in context of STD	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA9	Reason HPV DNA test not ordered - counseling patient about positive test result would take too much time	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	YNODNA10	Reason HPV DNA test not ordered - counseling patient about positive test result would make clinician uncomfortable	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is

	YNODNA11	Reason HPV DNA test not ordered - counseling patient about positive test result would make patient uncomfortable	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	HPVDNAR	If patient's screening Pap test is borderline or abnormal is reflex HPV DNA testing performed?	N	3	1='Yes' 2='No' -8='Unknown' -7='N/A' -9='Blank'	
	ABPALLO	All abnormal and borderline Pap test results where practice would order HPV DNA Test	N	3	1='ASC-US' 2='ASC-H' 3='LSIL' 4='HSIL' 5='AGC' -6='Multiple entry' -7='N/A' -9='Blank'	
	ASCUSO	Abnormal or borderline Pap test result where practice would order HPV DNA test - ASC-US	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	ASCHO	Abnormal or borderline Pap test result where practice would order HPV DNA test - ASC-H	N	3	1='Box is marked' unmarked' -7='N/A'	0='Box is
	LSILO	Abnormal or borderline Pap test result where practice would order HPV DNA test - LSIL	N	3	1='Box is marked' unmarked' -7='N/A'	0='Box is
	HSILO	Abnormal or borderline Pap test result where practice would order HPV DNA test - HSIL	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	AGCO	Abnormal or borderline Pap test result where practice would order HPV DNA test - AGC	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
	HPVDNAGE	Patients for which the practice orders reflex HPV DNA testing	N	3	1='Under 21 years old' 2='21 years to 29 years old' 3='30 years old and over' 4='Other' -6='Multiple entry' -7='N/A' -9='All blank'	

HPVDNA21	For which patients does practice order reflex HPV DNA testing? Women <21 years	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVDNA29	For which patients does practice order reflex HPV DNA testing? Women 21 to 29 years	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVDNA30	For which patients does practice order reflex HPV DNA testing? Women >=30 years	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVDNAOR	For which patients does practice order reflex HPV DNA testing? Other	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
VHPVDNAO	For which patients does practice order reflex HPV DNA testing? Other - Verbatim	C	75	' '='No entry made' 'N/A'='N/A' Other='Entry made'	
RECALL	Does practice routinely recall patients for second HPV DNA test if screeening Pap test is abnormal?	N	3	1='Yes' 2='No' -7='N/A' -8='Unknown' -9='Blank'	

	ABPALLR	All abnormal or borderline Pap test result for which practice would recall patient for HPV DNA test	N	3	1='ASC-US' 2='ASC-H' 3='LSIL' 4='HSIL' 5='AGC' -6='Multiple entry' -7='N/A'
	ASCUSR	Abnormal or borderline Pap test result for which practice would recall patient for HPV DNA test - ASC-US	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	ASCHR	Abnormal or borderline Pap test result for which practice would recall patient for HPV DNA test - ASC-H	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	LSILR	Abnormal or borderline Pap test result for which practice would recall patient for HPV DNA test - LSIL	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	HSILR	Abnormal or borderline Pap test result for which practice would recall patient for HPV DNA test - HSIL	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	AGCR	Abnormal or borderline Pap test result for which practice would recall patient for HPV DNA test - AGCL	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'
	HPVDNAA	Does practice order HPV DNA test at same time as Pap test (adjunct HPV testing?)	N	3	1='Yes' 2='No' -8='Unknown' -7='N/A' -9='Blank'
	HPVPALL	Patients for which the practice routinely orders an HPV DNA test with a Pap test	N	3	1='Under 21 years old' 2='21 years to 29 years old' 3='30 years and older' 4='Request CCS test' 5='Request HPV infection status' 6='Other' -6='Multiple entry' -7='N/A' -9='All blank'
	HPVPAP21	For which patients does practice routinely order an HPV DNA test with the Pap test? Women <21 years	N	3	1='Box is marked' 0='Box is unmarked' -7='N/A' -9='Blank'

HPVPAP29	For which patients does practice routinely order an HPV DNA test with the Pap test? Women 21 to 29 years	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVPAP30	For which patients does practice routinely order an HPV DNA test with the Pap test? Women >=30 years	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVPAPCS	For which patients does practice routinely order an HPV DNA test with the Pap test? Women who request for cervical cancer screening	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVPAPST	For which patients does practice routinely order an HPV DNA test with the Pap test? Women who request to check HPV status	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
HPVPAPO	For which patients does practice routinely order an HPV DNA test with the Pap test? Other patient	N	3	1='Box is marked' unmarked' -7='N/A' -9='Blank'	0='Box is
VHPVPAPO	For which patients does practice routinely order an HPV DNA test with the PAP test? Other patient - Verbatim	C	75	' '='No entry made' 'N/A'='N/A' Other='Entry made'	
PAPNLNOT	Prior Pap test results in past 5 years and current HPV DNA results - 2 consecutive normal Pap tests and has not had HPV DNA test	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year' 4='1 year' 5='2 years' 6='3 years or more' 7='Have no experience with this type of patient or test' -7='N/A' -6='Multiple entry'	
PAPNLNEG	Prior Pap test results in past 5 years and current HPV DNA results - 2 consecutive normal Pap tests and negative HPV DNA test result	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year' 4='1 year' 5='2 years' 6='3 years or more' 7='Have no experience with this type of patient or test' -7='N/A' -6='Multiple entry'	

	PAPNLPOS	Prior Pap test results in past 5 years and current HPV DNA results - 2 consecutive normal Pap tests and positive HPV DNA test result	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year' 4='1 year' 5='2 years' 6='3 years or more' 7='Have no experience with this type of patient or test' -7='N/A' -6='Multiple entry'
	PAPNONEG	Prior Pap test results in past 5 years and current HPV DNA results - has not had a Pap test and negative HPV DNA test result	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year'
	PAPNOPOS	Prior Pap test results in past 5 years and current HPV DNA results - has not had a Pap test and positive HPV DNA test result	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year' 4='1 year' 5='2 years' 6='3 years or more' 7='Have no experience with this type of patient or test' -7='N/A' -6='Multiple entry'
	PAPABNEG	Prior Pap test results in past 5 years and current HPV DNA results - abnormal Pap test result and negative HPV DNA test result	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year' 4='1 year' 5='2 years' 6='3 years or more' 7='Have no experience with this type of patient or test' -7='N/A' -6='Multiple entry'
	PAPABPOS	Prior Pap test results in past 5 years and current HPV DNA results - abnormal Pap test result and positive HPV DNA test result	N	3	1='No follow-up needed' 2='Less than 6 months' 3='6 months to less than 1 year' 4='1 year' 5='2 years' 6='3 years or more' 7='Have no experience with this type of patient or test' -7='N/A' -6='Multiple entry'

	HPVVACDET	Use HPV test to determine HPV vaccine	N	3	1='Rarely or never' 2='Sometimes' 3='Usually' 4='Always or almost always' 5='Do not recommend the HPV vaccine' -7='N/A' -6='Multiple entry' -9='Blank'
	HPVVACSP	Determine HPV vaccine by number of sexual partners	N	3	1='Rarely or never' 2='Sometimes' 3='Usually' 4='Always or almost always' 5='Unknown/Not applicable/Do not ask' -7='N/A' -6='Multiple entry' -9='Blank'
	HPVVACPT	Determine HPV vaccine by Pap test	N	3	1='Rarely or never' 2='Sometimes' 3='Usually' 4='Always or almost always' 5='Unknown/Not applicable/Do not ask' -7='N/A' -6='Multiple entry'
	HPVVACAB	Determine HPV vaccine by history of abnormal Pap test	N	3	1='Rarely or never' 2='Sometimes' 3='Usually' 4='Always or almost always' 5='Unknown/Not applicable/Do not ask' -7='N/A' -6='Multiple entry' -9='Blank'
	HPVVACPS	Determine HPV vaccine by positive HPV test	N	3	1='Rarely or never' 2='Sometimes' 3='Usually' 4='Always or almost always' 5='Unknown/Not applicable/Do not ask' -7='N/A' -6='Multiple entry' -9='Blank'
	CCSCHNG	Change CC screening for vaccinated women	N	3	1='Yes' 2='No' -9='Blank'

	CCSROUT	Routine CCS for vaccinated women	N	3	1='By age' 2='By onset of sexual activity' 3='Will not be screening fully HPV vaccinated females' -6='Multiple entry' -7='N/A' -8='Unknown' -9='Blank'
	CCSSAMR	Same age as non-vaccinated women	N	3	1-99='Valid range' -7='N/A' -9='Blank'
	CCSLATR	Later age than non-vaccinated women	N	3	1-99='Valid range' -7='N/A' -9='Blank'
	CCSYRSR	How many year(s) since onset of sexual activity? (specify years)	N	3	1-99='Valid range' -7='N/A' -9='Blank'
	CCSFLVAC	Routine CCS for fully vaccinated women	N	3	1='Annually' 2='Every 2-3 years' 3='Every 4-5 years' 4='Greater than every 5 years' 5='Will not be screening fully HPV vaccinated females' -8='Unknown' -6='Multiple entry' -7='N/A' -9='Blank'
	VACABCYT	HPV DNA use for managing abnormal cytology for fully vaccinated females	N	3	1='Yes' 2='No' -7='N/A' -9='Blank'
	FEWABTST	Fewer abnormal Pap tests among vaccinated females	N	3	1='Agree' 2='Disagree' 3='Unsure' -6='Multiple entry' -9='Blank'
	FEWCOLP	Fewer referrals for colposcopy among vaccinated females	N	3	1='Agree' 2='Disagree' 3='Unsure' -6='Multiple entry' -9='Blank'
	NBCCEDP	Is this practice currently participating in this state or national screening program (NBCCEDP)?	N	3	1='Yes' 2='No' -8='Unknown' -9='Blank'

	PROFESS	Which of the following categories describe your profession?	N	3	1='Physician' 2='Physician assistant/Nurse practitioner/Nurse midwife' 3='Registered nurse' 4='Other clinic staff' -9='Blank'
	REMARKS	Variable on raw data from Census. Unclear of intent.	C	75	' '='No entry made' Other='Entry made'
CCSS VARIABLES--CREATED USING DATA FROM THE CCSS					
	WEBPAPER	Method used to complete supplement from NHAMCS-900	N	1	1='Clinic used paper' 2='Clinic used web' 3='Not applicable'
	CCSSTYPE	Type of medical practice	N	1	2='OPD' 3='CHC'
	ELIG	Eligibility for completing CCSS	N	1	1='Eligible for CCSS' 2='Not eligible for CCSS'
	CCSSRESP	Response to CCSS	N	1	1='Responded' 2='Refused'
	OBG	OBGYN Specialty	N	1	1='OBGYN' 2='Other'
	SURVEY	Survey (NAMCS or NHAMCS)	N	1	1='NAMCS' 2='NHAMCS'
	CCSFINALR	Final disposition for CCSS	N	2	1='Completed paper' 2='Completed web' 3='Refused' 4='Does not perform screening' 5='Ineligible for CCS' 6='Other' 10='Traditional provider w/ CHC office' -9='Blank'
	PCTF1524	Percent of visits by females 15-24 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	PCTF2544	Percent of visits by females 25-44 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	PCTF4564	Percent of visits by females 45-64 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	PCTF65	Percent of visits by females 65 years of age and over seen in clinic	N	3	0-100='Valid range' -9='Blank'
	CSPRIVINS	Percent of visits by females 15 years of age and over seen in clinic who had private insurance	N	3	0-100='Valid range' -9='Blank'
	CSMCARE	Percent of visits by females 15 years of age and over seen in clinic who had Medicare	N	3	0-100='Valid range' -9='Blank'
	CSMCAID	Percent of visits by females 15 years of age and over seen in clinic who had Medicaid	N	3	0-100='Valid range' -9='Blank'
	CSNOINS	Percent of visits by females 15 years of age and over seen in clinic who had no insurance (i.e., self-pay, no charge, or charity)	N	3	0-100='Valid range' -9='Blank'

	CSPELVIC	Percent of visits by females 15 years of age and over seen in clinic who had a pelvic exam	N	3	0-100='Valid range' -9='Blank'
	CSPAPCONV	Percent of visits by females 15 years of age and over seen in clinic who had a PAP test-conventional	N	3	0-100='Valid range' -9='Blank'
	CSPAPLIQ	Percent of visits by females 15 years of age and over seen in clinic who had a PAP test-liquid-based	N	3	0-100='Valid range' -9='Blank'
	CSPAPUNSP	Percent of visits by females 15 years of age and over seen in clinic who had a PAP test-unspecified	N	3	0-100='Valid range' -9='Blank'
	CSPAPANY	Percent of visits by females 15 years of age and over seen in clinic who had any type of PAP test	N	3	0-100='Valid range' -9='Blank'
	CSHPVDNA	Percent of visits by females 15 years of age and over seen in clinic who had an HPV DNA test	N	3	0-100='Valid range' -9='Blank'
CENSUS DERIVED VARIABLES--CREATED BY COMBINING CENSUS DATA WITH PROVIDER-LEVEL VARIABLES					
	CSMEDHHY	Mean median household income for all visits by females 15 years of age and over seen in clinic	N	6	-9='Blank' Other='Valid range'
	CSPCTBA	Mean percent with a bachelor's degree or more for all visits by females 15 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	CSPCTFB	Mean percent foreign for all visits by females 15 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	CSPCTHS	Mean percent with a high school diploma or higher for all visits by females 15 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	CSPCTENG	Mean percent not speaking English at all or very well for all visits by females 15 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
	CSPCTPOV	Mean percent where income is below poverty level for all visits by females 15 years of age seen in clinic	N	3	0-100='Valid range' -9='Blank'
ARF- VARIABLES--CREATED BY COMBINING AREA RESOURCE FILE DATA WITH PROVIDER ZIP CODE					
	ARFHHY	Median household income (2005)	N	6	-9='Blank' Other='Valid range'
	ARFPPOV	Percent where income is below poverty level(2005)	N	3	0.01-100.00='Valid range' -9='Blank'
	ARFPWNH	Percent of popn who is white, not Hispanic(2006)	N	3	0.01-100.00='Valid range' -9='Blank'
	ARFPMCAID	Medicaid discharges per 1000 population(2005)	N	3	0.01-999.99='Valid range' -9='Blank'
	ARFP65	Percent of popn who is 65 years and over(2002)	N	3	0.01-100.00='Valid range' -9='Blank'
	ARFGROTOT	Percent change in total population 1996 to 2006	N	3	-76.00-136.00='Valid range' -9='Blank'
	ARFGRO65	Percent change in population 65+ years, 1997 to 2007	N	3	-72.00-240.00='Valid range' -9='Blank'

NCHS URBAN-RURAL FILE DERIVED VARIABLE-- DERIVED BY COMBINING NCHS URBAN-RURAL FILE DATA WITH PROVIDER-LEVEL					
	URBANRU	2007 NCHS urban-rural classification based on provider zip code	N	1	1='Large central metro' 2='Large fringe metro' 3='Medium metro' 4='Small metro' 5='Micropolitan (nonmetro)' 6='Noncore (nonmetro)'
OTHER PROVIDER-LEVEL VARIABLES					
	REGION	Geographic region of provider	N	1	1='NE' 2='MW' 3='S' 4='W'
	FIPSST	Provider state FIPS codes	C	2	'00'-'56'='Valid range'
	FIPSCNY	Provider county FIPS codes	C	3	'000'-'999'='Valid range'
	MSA	Metro status from latest SMG file (2 category)	N	1	1='MSA' 2='non-MSA'
NAMCS PROVIDER VARIABLES					
X	BATCHCCS	Batch number	N	3	1-999='Valid range' -9='Blank'
X	PHYSVV	Annual physician visit volume. Derived: OFFVISWK, NUMVISR	N	8	0='Visit volume not calculated' 1-99999999='Valid range'
X	MDDO	Doctor of Medicine (MD) or Doctor of Osteopathy (DO)	N	1	1='MD' 2='DO' 3='Mid-level provider'
X	DEGREE_R	What is the provider's highest medical degree? (recoded variable combining PRVDEGR and MDDO)	N	1	1='MD' 2='DO' 3='Nurse practitioner' 4='Physician assistant' 5='Nurse midwife' 6='Other' -9='No box is marked'

X	PHYRACE	Race of Physician. Physician Sample File and updated from PRVRACE for CHC providers		N	1	1='White, Non-Hispanic' 2='Black, Non-Hispanic' 3='Asian' 4='Hispanic' 7='Native American/Alaskans' 8='Other' -9='Unknown/Missing'	
X	PHYSEX	Sex of Physician. Physician Sample File and updated from PRVSEX for CHC providers		N	1	1='Female' 2='Male' -9='Unknown/Missing'	
X	FGRAD	Did physician graduate from a medical school in the US or Foreign? Recoded: Physician Sample File; for CHC provider updated from PRVFMS		N	1	1='Foreign school (GRADF)' 2='United States (GRADU)' -9='Blank'	
X	PYOB	Physician year of birth. From Physician Sample File and updated from PRVBYEAR for CHC providers		N	4	-9 ='Blank' 1900-1982='valid range'	
X	MDAGE	Physician age; grouped. Recode from PYOB		N	1	1='Under 35 years' 2='35-44 years' 3='45-54 years' 4='55-64 years' 5='65 years and over' -9='Blank'	
X	SIZE	Size of practice based on office with MAX ESTVIS. Derived from MAX(ESTVIS) & Q18b(1)-(4) [OTHPHY]		N	2	1='Solo based practice' 2-98='Number of physicians in practice' -9='Blank'	
X	PRACTSIZ	Size of practice grouped based on SIZE. Recoded from SIZE		N	1	1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='10-998 physicians' -9='Blank'	
X	PRACTYPE	Type of practice		C	3	' '='Blank' '020'='AMA-Direct patient care' '040'='AOA-Direct patient care' '100'='AMA-Unknown/missing' '200'='Sampled CHC'	
X	TYPE	Type of practice. Recoded from SIZE and Q18d(1)-(4) [MULTI]		N	1	1='Solo and single specialty office' 2='Multi-specialty' -9='Missing'	

X	OWNS	Ownership of practice, based on office with MAX ESTVIS. Derived from MAX(ESTVIS) and Q18f(1)-(4) [OWNS]	N	1	1='Physician or physician group' 2='HMO' 3='Community Health Center' 4='Medical academic Health center' 5='Other hospital' 6='Other health care corporation' 7='Other' -9='No box is marked'
X	SPECCAT	Physician specialty type. Recoded from SPECR & SPEC	N	1	1='Primary care specialty' 2='Surgical specialty' 3='Medical specialty' 4='Mid level provider'
X	PRIMEMP	Primary present employment. All values are from the AMA masterfile, except 20 and 31 (from AOA masterfile).	N	3	. ='Blank' 11='AMA-Self-emp, solo prac' 13='AMA-Two phy. prac' 20='AOA-Office prac. solo' 21='AMA-Oth pat care/AOA-Off prac. partnp' 22='AOA-Office prac group' 30='AMA-Grp prac/AOA-Off prac HMO staff' 31='AOA-Office prac. walk-in clinic' 35='AMA-HMO' 40='AMA-Medical school' 64='AMA-County/Cty/State, not hosp.' 110='AMA-No classification' 200='Sampled CHC'
X	MAJPRACT	Major professional activity	C	3	' '='Blank' 'PO'='Office based' 'CHC'='Sampled CHC'
X	ZIPPHY	Physician's zip code updated. If (PIIZIP) is not blank then use. Otherwise, use (ZIPPHYS). Created: PIIZIP and ZIPPHYS	C	5	' '='Blank' other='valid entry'
X	CRVCANSC	Does your practice offer any type of cervical cancer screening?	N	1	1='Yes' 2='No' 3="Don't Know" -9='No box is marked'
X	CCSFINAL	Final Disposition for Cervical Cancer Screening Supplement	N	1	1='Completed paper' 2='Completed web' 3='Refused' 4='Does not perform screening' 5='Ineligible for CCS' 6='Other' 8='More than one box is marked' -9='No box is marked'
NHAMCS PROVIDER VARIABLES					

	CSDISP	NHAMCS-906 Disposition for AU	N	1	1=Yes, completed supplement 2=Refused--given form but did not complete supplement 3=Clinic reported no or unknown to CCS but recorded visits with cervical cancer screening tests -7=Not applicable not an OBG or GM clinic or eligible clinic that does not conduct cervical cancer testing -8=Unknown
	CSELIG	Eligibility of AU for NHAMCS-906 (edited variable that represents info from 101U without changes made to clinics from visit file)	N	3	1='Eligible, conducts cervical cancer screening; NHAMCS 906 left' 2='Not eligible' -7='Not applicable; not an OBG or GM clinic' -8='Unknown if eligible' -9='Blank'
	CSELIGW	Eligibility of AU for NHAMCS-906 (edited/recoded variable used for weighting purposes)	N	3	1='Eligible, conducts cervical cancer screening; NHAMCS 906 left or clinics recorded visits from cervical cancer screening tests' 2='Not eligible' -7='Not applicable; not an OBG or GM clinic' -8='Unknown if eligible' -9='Blank'
	MON101	Month hospital is in sample.	N	2	1-12='Valid range' -9='Blank'
	HOSP	Hospital ID number	N	3	1-799= 'Valid range'
	DAY101	Day of month hospital is in sample.	N	2	1-31='Valid range' -9='Blank'
	TEACHOSP	Is this a teaching hospital?	N	1	1='Yes' 2='No' -9='Blank'
	BESTVVOP	Best annual OPD volume	N	7	0-9999999='Valid range'
	METRSTAT	Metro status from latest SMG file (3 category)	N	1	1='Metropolitan' 2='Micropolitan' 3='Non-metropolitan (neither)'
	SMGOWN	Hospital ownership from SMG file	N	1	1='Voluntary, non-profit' 2='Government' 3='Proprietary' -9='Missing'

	SMGTOS	Service code for primary type of care offered	C	2	10='General med/surg' 11='Hosp unit of institution' 12='Hosp unit within an institution for MR' 22='Psychiatric' 33='TB& other resp dis' 44='Maternity' 45='EENT' 46='Rehab' 47='Orthopedic' 48='Chronic disease' 49='Other specialty' 50="Children's general" 51="Children's hosp unit of institution"
	SMGOPVIS	Number of annual OPD visits	N	7	0-1491315='Valid range'
	SMGMSAFF	Medical school affiliation	N	1	1='Yes' 2='No' -9='Blank'
	SMGTHOSP	Teaching hospital	N	1	1='Yes' 2='No' -9='Blank'
	SMGZIP	Zip code of hospital	C	5	' ' = 'Blank' '00501'-'99950'='Valid range'