#### OMB No. 0920-0234: Approval expires 08/31/2009

se co re	arching ex nduct or s garding thi	kisting data sour ponsor, and a p is burden estima	ces, gathering and erson is not requir ate or any other as	d maintai ed to res pect of t	ning the data needed, and c spond to a collection of inforr	ompleting and mation unless i including suge	l revie it disp	wing the collection of inform	ontrol number. Send comments		
us	ed only by	persons engag	ied in and for the p	ourpose o		disclosed or re	elease	ed to other persons or used for	t will be held confidential, will be or any other purpose without the		
1.		an's address		CON	TROL CARD	,	(11.	ACTING AS DATA COL NATIONAL CENTER F CENTERS FOR DISEASE	NT OF COMMERCE atistics Administration SUS BUREAU LECTION AGENT FOR THE OR HEALTH STATISTICS CONTROL AND PREVENTION <b>MBULATORY</b> <b>ARE SURVEY</b> <b>PANEL</b>		
<b>2.</b> F	Physicia	n's telephor	ne and FAX nu	umbers	s (Area code and nun	nber)	3.	Field Representative	information		
				ON CONTROL CARD			Telephone screener	FR Code			
		FAX	nLCC		ON CONTROL CAR				FR Code		
	Office 2	Telephone FAX	1		ON CONTROL CAR			Induction Interview			
			i		PROGRESS	RECORD					
		Activit	у		Date Completed	FR Code					
Tel	ephone	Screener									
Ind	uction I	nterview									
Pat	tient Re	cord Forms	Completed								
Fin	al Dispo	osition and S	Summary								
				S	Section I TELEP	HONE SC	RE	ENER			
<b>4.</b> F	1	of telephone	calls Time					Results			
1			TITLE					noaulo			
2				_				<u> </u>			
3				-F	RECOI	<b>7</b> <i>D</i>	_	ON			
4	4 CONTROL CARD										
5											
6											
7											

# FR INSTRUCTION

If interview is with a CHC provider, start with Section II on page 7, but remember to complete the office hours on page 5. If CHC provider refuses to complete the survey, obtain answers to item 13 in Section I, on page 6.

- 5a. Has the physician moved out of the United States?
  - 1 Yes SKIP to CHECK ITEM A on page 6 2 No
  - **b.** Is the physician retired or deceased?
    - 1 Yes SKIP to CHECK ITEM A on page 6

# **6.** Introduction

Hello, Dr. . . ., I am (Your name). I'm calling for the Centers for Disease Control and Prevention regarding their study of ambulatory care. You should have received a letter from the Director of the National Center for Health Statistics, explaining the study. (Pause) You've probably also received a letter from the Census Bureau. We are acting as data collection agents for the study.

IF DOCTOR DOES NOT REMEMBER NCHS LETTER; THE LETTER STATES:

The Centers for Disease Control and Prevention's National Center for Health Statistics (NCHS) is conducting the National Ambulatory Medical Care Survey (NAMCS). This annual study, which has been in the field since 1973, collects information about the large portion of ambulatory care provided by physicians and mid-level providers throughout the United States. Research utilizing the NAMCS helps to inform physicians, health care researchers, and policy makers about the changing characteristics of ambulatory health care in this country. The information that will be requested includes data about the patient visit (e.g., demographics, diagnoses, services, and treatments), physician practice characteristics (e.g., practice type), and the use of electronic medical records.

Many organizations and leaders in the health care community, including those providing the enclosed letter of endorsement, have expressed their support and join me in urging your participation in this meaningful study. You will be asked to complete a one-page questionnaire on a sample of about 30 patient encounters during a randomly assigned one-week reporting period. Additionally, there is a short interview (approximately 30 minutes) with you about the nature of your practice. Participation is voluntary. The following are some key points about the survey:

- Data collection for the NAMCS is authorized by Section 306 of the Public Health Service Act (Title 42, U.S. Code, 242k).
- All information collected will be held in the strictest confidence according to Section 308(d) of the Public Health Service Act (42, U.S. Code, 242m(d)) and the Confidential Information Protection and Statistical Efficiency Act (Title 5 of PL 107-347). This information will be used for statistical purposes only. No patient names, social security numbers, or addresses are collected.
- This study conforms to the Privacy Rule as mandated by HIPAA, because disclosure of patient data is permitted for public health purposes, and the NCHS Research Ethics Review Board has approved NAMCS.
- U.S. Census Bureau employees, who administer the study, have taken an oath to abide by Title 13, U.S. Code, Section 9, which requires them to keep all information about your practice and patients confidential.

A representative of the Census Bureau, acting as our agent, will be calling you to schedule an appointment regarding the details of your participation. If you have any questions regarding your participation, please call a NAMCS representative at (800) 392-2862. Additional information on the survey may be obtained by visiting the NAMCS participant Web site at <u>www.cdc.gov/namcs</u>. We greatly appreciate your cooperation.

Section I TELEPHON	IE SCREENER Continued
7. Specialty	
a. Your specialty is,	
	1 □ Yes – <i>SKIP to item 8</i> 2 □ No
is that right?	2 🗆 INO
<b>b.</b> What is your specialty (including general practice)?	
	(Name of specialty)
	Code
	Refer to the NAMCS-21, pages 3 and 4 for codes.
<b>FR INSTRUCTION</b> Do not classify cases solely on all items on the NAMCS-1 and appropriate.	the basis of specialty. Complete have the physician fill out PRFs if
8. Which of the following categories best describes your professional activity – patient care, research, teaching, administration, or something else?	1       Patient care         2       Research         3       Teaching         4       Administration         5       Something else – Specify ∠
<b>9a.</b> Do you directly care for any ambulatory patients in your work?	<ul> <li>1 ☐ Yes - SKIP to item 9c</li> <li>2 ☐ No - does not give direct care [9b PROBE]</li> <li>3 ☐ No longer in practice - SKIP to item 11 on page 4</li> </ul>
<b>b.</b> <i>PROBE:</i> We include as ambulatory patients, any patients coming to see you for personal health services who are not currently on the premises. Does your work include any such individuals?	<ul> <li>1 Yes, cares for ambulatory patients</li> <li>2 No, does not give direct care <i>-Determine</i> reason, then read item 11 on page 4</li> </ul>
<b>C.</b> Are you employed by the Federal Government or do you work in a hospital emergency or outpatient department?	1 ☐ Yes 2 ☐ No – <i>SKIP to item 10a on page 4</i>
<b>d.</b> In addition to working in any of these settings, do you also see any ambulatory patients?	1 ☐ Yes 2 ☐ No – SKIP to item 11 on page 4 If "Yes" to item 9d, all of the following questions are concerned with the private patients.
NOTES	

	Section I TELEPHONI	E SCREENER Continued
10a.	We have your address as (Read address shown in item 1). Is that the correct address for your office?	1 $\square$ Yes – <i>SKIP to item 12</i> 2 $\square$ No, incorrect address – <i>Ask item 10b</i>
b.	What is the (correct) address and telephone	Number and street
	number of your office?	RECORD ON CONTROL CARD
		City
		RECORD ON CONTROL CARD
		State ZIP Code item 12
		RECORD ON CONTROL CARD
		Telephone (Area code and number)
		RECORD ON CONTROL CARD
11.	Thank you, Dr, but I believe that since you patients/practice any longer), our questions w appreciate your time and interest. (Go to Check	vould not be appropriate for you. I k Item A on page 6.)
12.	I would like to arrange an appointment with y the study. It will take about 30 minutes. What Friday,(last Friday before the assign	t would be a good time for you, before
	Weekday Month	Day Year Time
		i i i i i i a.m.
		i i i i i i i p.m.
	Verify office location, if appropriate: RECORD OI	N CONTROL CARD
	□ Physician refused to participate –Go to the top of page	ge 6.
		and there A any the better of race ( )
	Thank you, Dr I'll see you then. (Go to Che	eck item A on the bottom of page 6.)
NOTE	S	

# Section I TELEPHONE SCREENER Continued

FR, PLEASE READ **BEFORE** CONTINUING FR Instruction – If you have made it to this point, it appears the physician will be cooperative. Please remember to show the physician the Data Use Agreement and remind them they need to keep this document for six years. If the physician or their staff are unwilling to complete the Patient Record forms themselves and request you to abstract the information, please remember that an Accounting Document must be placed in each of the medical records from which information has been abstracted. This document must also be kept for six years. If necessary, please show the physician the IRB approval.

# **PROVIDER'S OFFICE SCHEDULE**

FR INSTRUCTION

Please complete the office schedule for the week the provider is in sample.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
A.M.							
P.M.							
Office No.							
NOTE	S	1	1	1	1	1	1

S	ection I TELEP	HONE SCREE	NER Continued	1			
FR, PLEASE READ FI	R Instruction – COM WHO		ONS BELOW FOR D TO PARTICIPAT		PHYSICIANS		
I appreciate that you ch short questions about yo from nonresponding phy	our practice so w	cipate in the s ve can make s	tudy, but I woul ure responding	d like to ask a physicians do	few not differ		
<b>13a.</b> At how many different o you see ambulatory pat	ffice locations d ients?	<b>o</b>	Number of office locations				
<b>b.</b> In a typical year, about I you NOT see ambulatory conferences, vacations,	patients (e.g.,	o do	Number of wee	ks $\overrightarrow{F}$ If > 26 weeks a If = 0, SKIP to If 1 to 26 week SKIP to item 15	item 13d. s,		
C. You typically see patien the weeks in each year.		lf	1 □ Yes – <i>SKIP</i> i 2 □ <i>No – Please</i>		SKIP to item 13e		
<b>d.</b> You typically see patier the year. Is that correct		of	1	explain 📈			
<b>e.</b> During your last normal how many patient visits office locations?	week of practice did you have at	all	Number of patient visits				
f. On average, how many spend in the office prov care?	weekly hours do iding direct patie	you ent	Average numbe of weekly hours		-		
<ul> <li>g. At the office location we ambulatory patients:</li> <li>(1) How many physician you?</li> </ul>	-		Number of phys	sicians If number of otl is 0, SKIP to ite			
(2) Is this a single- or m practice?	nulti-specialty gro	oup	1 🗌 Multi-special 2 🗌 Single-specia	ty practice alty practice			
(3) Are you a full- or par an independent con	rt-owner, employ tractor?	ee, or	1 Owner – Aut physician gi 2 Employee 3 Contractor	tomatically mark " roup" in item 13g(	Physician or (4)		
(4) Who owns the pract			<ol> <li>Physician or</li> <li>HMO</li> <li>Community H</li> <li>Medical/Acad</li> <li>Other hospita</li> <li>Other health</li> <li>Other - Spea</li> </ol>	Health Center demic health cent al care corporation	er		
CHECK ITEM A Final outcome of screening Appointment MADE or Physician unavailable during reporting period –Go to Section II, page 7 CHECK ITEM A MUST BE COMPLETED BEFORE CONTINUING							

### Section II INDUCTION INTERVIEW

Before we begin, I would like to give you a little background about this study.

Systematic information about the characteristics and problems of the people who consult providers in their offices is essential for medical researchers, educators, and others who are concerned with medical education, manpower needs, and the changing nature of health care delivery.

In response to the demand for this information, the Centers for Disease Control and Prevention, in close consultation with representatives of the medical profession, developed the National Ambulatory Medical Care Survey.

Your part in the study is very simple, carefully designed, and should not take much of your time. It consists of your participation during a specified 7-day period. During that time, you would supply a minimal amount of information about patients you see.

Now, before we get to the actual procedures, I have some questions to ask you about your practice. The answers you give will be used only for classification and analysis. Of course ALL information you provide for this study will be held in strict confidence.

14a.	Overall, at how many office locations do you see ambulatory patients?	Number of locations <i>k</i>
b.	In a typical year, about how many weeks do you <b>NOT</b> see any ambulatory patients (e.g., conferences, vacations, etc.)?	Number of weeks $\swarrow$ If > 26 weeks ask item 14c. If = 0, SKIP to item 14d. If 1 to 26 weeks, SKIP to item 15a.
c.	You typically see patients fewer than half the weeks in each year. Is that correct?	$ \begin{array}{c} 1 \Box \text{ Yes} - SKIP \text{ to item 15a} \\ 2 \Box \text{ No} - Please explain}_{\overrightarrow{k}} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $
d.	You typically see patients all 52 weeks of the year. Is that correct?	1 □ Yes 2 □ No – <i>Please explain</i> <sub>✔</sub>
15a.	This study will be concerned with the AMBULATORY patients you will see in your office(s) during the week of Monday,	
	through Sunday, Are you likely to see any ambulatory patients in your office(s) during that week? (For allergists, family practitioners, etc. – if routine care such as allergy shots, blood pressure checks, and so forth will be provided by staff in physician's absence, mark "Yes.")	1
b.	Why is that? Record verbatim.	
c.	Since it's very important that we include any ambulator office during that week, I'll leave forms with you – just in with your office just before (Starting date) to make sure, and detail then. Give the doctor the folio and enter the folio number on page 17. Th	n case your plans change. I'll check back nd if necessary I can explain them in
	EASE READ RE CONTINUING FR Instruction – Even if the physician is not ava with item 16a on page 8.	ailable during the reporting week, continue

	Section I		IND	UC	TIC	DN I	NT	ER	/IE\	N ·	- Coi	ntinu	ied					
	At what office location(s) will you see ambulatory patients during your practice's 7-day reporting period Monday,		). C li la e lf ff ls ls () () (1 (1 () () () () () () () () () () () () ()	ive ist, pplyven FL/ in c f FL/ in c f ye f ye f ye f ye f ye f ye f ye f ye	FLA cho tion /. For nur ASH ed, iis/t ern ASH doub s therge es = s th	ASH Dos n who or ea mber inder ical	CAF A A chi cont con	RD A te y loca setti num inic pat inic pat inic pat inic pat inic pat inic pat inic pat inic pat inic pat inic inic pat inic inic pat inic	(p. of the oution ngs ber in a ien 2)? ( ber opd 5-sco (clinic the the the the the the the the the the	15 he also are 3 (f. 4 f y 11 pe. pe. pe. pe. pe. pe.	Flash type rk. Fo o mar mark ree-st instit cilit ces – f (famil) ted I ) facility tor a ) cilit tor a	ncard (s) o or eac k the ced, the tandir tandir tandir tandir tandir tandir y (# 1 Mark y plar by th //insti y/insti an ou y/ins	Book f set ch loc appro- ng clin out-on nning tution tution stitut	tings ation opriate bark lo bark lo bark lo bark lo bark f-scop clinic, dera ), PR( ion) ient ion)	s tha mark e "sco pocatio gicent ng (# rate pe.) ) is m I Gov OBE part depa	t desc all sett ope" sta n as ou er) is 8), in d by t arked, vernm of a h artme	he Fed ask – nent (# nospita nt (#2, by the	ach is that iny pe. eral 12)?
	are normally seen.																	Eait
Office No.	Office locations (Enter street address)							FLA		Circ AR	le D nur	mber					Mai In- scope	rk (X) Out-of- scope
1	RECORD ON CONTROL CARD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2
2	RECORD ON CONTROL CARD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2
3	RECORD ON CONTROL CARD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2
4	RECORD ON CONTROL CARD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1 🗌	2
(1 (1 (1 (1) (1)	<ol> <li>Private solo or group prace</li> <li>Freestanding clinic/urgice a hospital outpatient depain community Health Center</li> <li>Community Health Center (Funded clinics or 'look alient funded clinics or 'look alient Mental health center</li> <li>Non-federal Government of county, city, maternal and etc.)</li> <li>Family planning clinic (ind Parenthood)</li> <li>Health maintenance organ prepaid practice (e.g., Ka</li> <li>Faculty Practice Plan</li> </ol>	enter ortmo (e.g QHC (e' cl chil chil chil chil chil chil ser	ent ., F ), f linic c (e ld h ng   tion Per	) ede ede cs) .g., eal Pla Pla or ma	eart eral sta th, nne oth	ly ly nte, ed ner nte)			(2 (4 (6 (10 (12 (14	2)   1)   5) / 3)   1 2)   ( 1)   ( 1)   1 ( 1)   1 ( 1)   1 ( 1)   1 1 1 1 1 1 1 1 1 1 1 1 1	Hosp Ambu Instit nursi Indus Fede (e.g., Lase	oital ulato ing h stria ral G VA,	outp ory so nal s ome l out	atier urgic settin , pris patie rnme tary,	nt de ente ng (s son) ent fa ent o etc.	chool acility perate	nent infirm	
d.	<ul> <li>16c. Are there other locations where you NORMALLY would see patients, even though you will not see any during your 7-day reporting period?</li> <li>a Of these locations where you will not be seeing patients during your 7-day reporting period, how many total office visits did you Number of visits</li> </ul>						3											
	have during your last week of practice at these locations?       Image: Number of Visits         CHECK ITEM B       1 Image: All locations listed in 16a are out-of-scope - Read CLOSING STATEMENT below         2 Image: All/Some locations listed in 16a are in-scope - Go to item 17a																	
	CLOSING STATEMENT Thank you, Dr, your practice is not within the scope of this study. We appreciate your time and interest. (Terminate interview and complete Sections III and IV on pages 19–21.)																	

Section II INDUCTION INTERVIEW – Continued								
Ask item 17a ONCE to obtain total for ALL in-scope locations.								
17a. During the week of Monday, through Sunday, How many days								
do you expect to see any ambulatory patients? (Only include days at in-scope locations.)								
<b>NOTE – NON-PARTICIPATING PHYSICIANS:</b> If refusal (Final=3) or unavailable (Final=4), enter the number days in a normal week.		Estimate of Days -		⇒r				
Enter street name or town of in-scope location(s).								
NOTE: Keep the location numbers the same as the office nu	umbers in item 16a.		Office loc	ation No.				
RECORD ON CONTROL	CARD	#1	#2	#3	#4			
<b>b.</b> During your last normal week of practice, approximately how many office visit encounters did you have at each office location?	Number							
<b>NOTE:</b> If physician is in group practice, only include the visits to sampled physician.	of visits							
<b>C. During the week of Monday,</b> through Sunday, do you expect to see about								
the same number of visits as you saw during your last normal week in each office taking into account time off, holidays, and conferences?	Yes No	12	12	1 🗌 2 🗌	1 🗌 2 🗌			
<b>NOTE:</b> Mark (X) response. If answer is "Yes", transcribe the number in 17b to 17d for that office location. If answer is "No" then ASK item 17d for that office location.								
<b>d.</b> Approximately how many ambulatory visits do you expect to have at this office location?	Number of visits							
e. Tally of estimated number of visits	NL solution of the later							
<b>NOTE:</b> To obtain the total number of estimated visits add the estimate for each office location in 17d.	Number of visits	57						
Now, I'm going to ask about your practice at	Office Location	#1	#2	#3	#4			
(in-scope location).	Solo	1 🗆	1 🗌	1	1 🗌			
<b>18a.</b> Do you have a solo practice, or are you associated with other physicians in a		If Solo, S	KIP to ite	m 18d.				
partnership, in a group practice, or in some other way (at this/that in-scope location)?	Nonsolo	2 🗌	2 🗌	2 🗌	2 🗌			
<b>b. How many physicians are associated with you</b> (at this/that in-scope location)?	How many ——	→						
C. Is this a single- or multi-specialty (group) practice (at this/that in-scope location)?	Multi	1 🗆	1 🗌	1 🗆	1 🗌			
	Single	2	2 🗌	2	2 🗌			

	Section II INDUC	TION	INTERVIEW -	- Con	tinued			
18d.	How many mid-level providers (i.e., nur	se	Office Location	۱	#1	#2	#3	#4
	practitioners, physician assistants, and nurse midwives) are associated with yo (at this/that in-scope location)?	1	How many	y ——				
e.	Are you a full- or part-owner, employee, independent contractor (at this/that in-scop location)? If "Owner" is marked then automatical mark "Physician or physician group" in item 18f.	е	Owner Employee Contractor		1   2   3	1 🗌 2 🛄 3 🗌	1 🗌 2 🗌 3 🗌	1 🗌 2 🛄 3 🗌
f.	<b>f.</b> Give FLASHCARD B (p.16 Flashcard Booklet) and ask:		Physician or physician group HMO		1	1 🗌 2 🗌	1 🗌 2 🗌	1 2
	Who owns the practice (at this/that in-scoplocation)?	е	Community Hea Center Medical/ Acade		   3 🗌 	3 🗌	з 🗌	3 🗌
		health center . Other hospital Other health care Other	  e corp	4   5   6   7	4 5 6 7	4 5 6 7	4 5 6 7	
g.	Give FLASHCARD C (p.17 Flashcard Booklet) and ask:		CT scan	Yes No DK		1 2 3	1 2 3	1 2 3
	<b>Does your practice have the ability to perform any of the following on site</b> (at this/that in-scope location)?		Chemotherapy	Yes No DK				
			Colonoscopy	Yes No DK		1 2 3		1 2 3
			EKG/ECG	Yes No DK	2 3	1 2 3		1 2 3
			Lab testing	Yes No DK	2 	1 2 3		
			Mammography	Yes No DK	1 2 3	1 2 3	1 2 3	
			MRI 	Yes No DK		1 2 3		
			PET scan	Yes No DK	2 🗌 3 🗌	1 2 3	1 2 3	1 2 3
			Radiation therapy 	Yes No DK	2 <mark> </mark>   3 <mark> </mark> _	1 2 3	1 🗌 2 🛄 3 🔲	1 2 3
			Sigmoidoscopy	Yes No DK		1 2 3	1 🗌 2 🗍 3 🗌	1 2 3
			Spirometry	Yes No DK		1 2 3		
			Ultrasound	Yes No DK		1 2 _ <u>3</u>		
			X-Ray	Yes No DK	1 2 3	1 2 3	1 2 3	1 2 3

	Section II INDUCTION INTER	RVIE V	W – Conti	nued				
18h.	Do you see patients in the office during the	ļ	Office Location	#1	#2	2	#3	#4
	evening or on weekends?	     		1   Yes 2  No 3  DK	1 🗌 \ 2 🗌 N 3 🗌 🕻	<b>VO</b> 2		1 🗌 Yes 2 🗌 No 3 🗌 DK
i.	What is your Federal Tax ID at each office location?							
19a.	On average, how many weekly hours do you spend in the office providing direct patient care?		Average r of weekly					
b.	During your last normal week of practice, about how many encounters of the following type did you make with patients:	a     		nber of er week <sub>⋠</sub>	icount	ers		
	(1) Nursing home visits	••			-			
	(2) Other home visits	••			-			
	(3) Hospital visits	••			-			
	(4) Telephone consults	•• ¦			-			
	(5) Internet/e-mail consults	••			_			
20.	Does your practice submit claims electronically (Electronic billing)?		2 🗌	Yes, all el Yes, part part electi	paper		3 🗌 No 4 🗌 Do	o on't know
21a.	Does your practice use electronic MEDICAL RECORDS (not including billing records)?	       - 10	2	Yes, all el Yes, part	paper		3 🗌 No 4 🗌 Do	o on't know
h	<b>FR NOTE</b> – Complete question 21b regardless of answer to			part electr	onic			
<b>D</b> .	Does your practice have a computerized system for	r- ¦	Yes	No		Unkno	own	Turned off
	(1) Patient demographic information?		1 🗌	2	+	3	]	4
	If Yes, ask - (a) Does this include patient problem lists?		1	2 🗌		3	]	4
	(2) Orders for prescriptions?	I	1 🗌	2		3		4
	If Yes, ask – (a) Are there warnings of drug interactions contraindictions provided?	or	1	2		3		4
	(b) Are prescriptions sent electronically to pharmacy?	the ¦	1	2 🗌		3	]	4
	(3) Orders for tests?		1 🗌	2 🗌		3	]	4
	If Yes, ask - (a) Are orders sent electronically?	Г I	1	2	Τ	3		4
	(4) Viewing Lab results?		1	2		3	]	4
	If Yes, ask - (a) Are out of range levels highlighted?	Г I	1	2	+	3	]	4
	(5) Viewing Imaging results?		1 🗌	2 🗌		3	]	4
	If Yes, ask - (a) Are electronic images returned?	Г I	1	2	+	3		4
	(6) Clinical notes?		1	2 🗌		3	]	4
	If Yes, ask – (a) Do they include medical history and fol up notes?	low   	1	2		3	]	4
	(7) Reminders for guideline-based interventions and/or screening tests?		1	2		3		4
	(8) Public health reporting?		1	2		3		4
	If Yes, ask – (a) Are notifiable diseases sent electronically?		1	2		3		4

	Section II INDUCTION INTERVIE	W – Continued
22.	Are there any of the above features of your system that you do NOT use or have turned off?	1 □ Yes – <i>Please specify <sub>¥</sub></i>
	that you do NOT use of have turned on:	
		<b>FR NOTE</b> – Indicate in item 21b, last column, any component(s) turned off. 2 🗌 No 3 🗌 Unknown
23.	Are there plans for installing a new EMR system or	1 🗌 Yes
	replacing the current system within the next 3 years?	2 🗌 No 3 🗋 Maybe 4 🗌 Unknown
	Give FLASHCARD D (p.18 Flashcard Booklet) and ask items 25–28 ONCE for ALL in-scope locations.	
	I would like to ask a few questions about your practice revenue and contracts with managed care plans.	recent of patient care
24a	Roughly, what percent of your patient care revenue comes from –	revenue 📈
	(1) Medicare?	%
	(2) Medicaid?	%
	(3) Private insurance?	%
	(4) Patient payments?	%
	(5) Other? – (including charity, research, CHAMPUS, VA, etc.)	<b>FR NOTE</b> – Categories should sum close to 100%. Do not leave blank or use dash to indicate 0 percent, include value.
b	Roughly, how many managed care contracts does this practice have such as HMOs, PPOs, IPAs, and point-of-service plans? If necessary read: Managed care includes any type of group health plan using financial incentives or specific controls to encourage utilization of specific providers associated with the plan.	1
	<b>FR NOTE</b> – Include Medicare managed care and Medicaid managed care, but not traditional Medicare and Medicaid. Include any private insurance man- aged care plans. Be sure the response is about contracts and not patients.	
	Include all the different plans an insurance provi- der may have and for which the physician has a contract. For example, the physician may have a contract for each of the plans Aetna may offer: a PPO, IPA, and point-of-service plan. This would equal 3 contracts, not 1 contract. It may be necessary to obtain information from the billing office of the practice.	
C	Roughly, what percentage of the patient care revenue received by this practice comes from (these) managed care contracts?	Percent of revenue from managed care $\vec{r}$
		%

	Section II	INDUCTION INTERVIEW	- Continued
25a.	Which of the following factors account for your patient care base pay, bonuses, or withhol	compensation (e.g., 👘 👘	
	(1) Your productivity (e.g., nu seen per time period)?	mber of cases	1 Yes 2 No 3 Don't know
	(2) Patient satisfaction (e.g., surveys)?		1 Yes 2 No 3 Don't know
	(3) Quality of care (e.g., rates services)?		1 Yes 2 No 3 Don't know
	(4) Practice profiling (pattern services, e.g., laboratory t referrals, etc.)?	ests, imaging,	1 $\Box$ Yes 2 $\Box$ No 3 $\Box$ Don't know If yes to any item in 25a, then ask item 25b. Otherwise, SKIP to item 26.
b.	Are performance measures or available to the public?	n your practice	1  Yes 2  No 3  Don't know
26.	What percent of your patient of on bonuses, returned witholds performance-based payments	s, or other	%
27.	Give FLASHCARD E (p.19 Flashcar	d Booklet) and ask:	Percent of patient care
	Roughly, what percent of your comes from each of the following the follo	patient care revenue ing methods of payment?	revenue 📈
	(1) Usual, customary and reas	onable fee-for-service?	%
	(2) Discounted fee for service	?	%
	(3) Capitation?		%
	(4) Case rates (e.g., package p of care)?	pricing/episode	%
	(5) Other?		%
			<b>FR NOTE</b> – Categories should sum close to 100%. Do not leave blank or use dash to indicate 0 percent, include value.
28a.	Are you currently accepting "r practice(s) (at in-scope locations)	new" patients into your ?	1
b.	From those "new" patients, w types of payment do you acce		
	(1) Private insurance –		
	(a) Capitated?		1 🗌 Yes 2 🗌 No 3 🗌 Don't know
	(b) Non-capitated?		1 🗌 Yes 2 🗌 No 3 🗌 Don't know
	(2) Medicare?		1 🗌 Yes 2 🗌 No 3 🗌 Don't know
	(3) Medicaid?		1 🗌 Yes 2 🗌 No 3 🗌 Don't know
	(4) Workers compensation? .		1 🗌 Yes 2 🗌 No 3 🗌 Don't know
	(5) Self-pay?		1 🗌 Yes 2 🗌 No 3 🗌 Don't know
	(6) No charge?		1 🗌 Yes 2 🗌 No 3 🗌 Don't know

	Section II INDUCTION IN	TERVIEW – Continued
29a.	Roughly, what percent of your daily visits are same day appointments?	%
b.	Does your practice set time aside for same day appointments?	1 □ Yes 2 □ No 3 □ Don't know
C.	On average, about how long does it take to get an appointment for a routine medical exam?	1       Within 1 week       5       3 or more months         2       1-2 weeks       6       Do not provide routine         3       3-4 weeks       medical exams         4       1-2 months       7       Don't know
30a.	Item 30 should only be asked of GFP, IM, PD, OB/GYN, physicians and all providers at community health centers. Otherwise SKIP to item 31. <b>Does your practice currently recommend the</b> <b>Human Papillomavirus (HPV) vaccine?</b>	1 □ Yes – <i>SKIP to item 30c</i> 2 □ No – <i>Go to item 30b</i>
b.	Does your practice plan on recommending the HPV vaccine?	1 □ Yes – Go to item 30c 2 □ No – SKIP to item 30e
c.	Which HPV vaccine does your practice recommend using?	<ul> <li>1 Gardasil (quadrivalent vaccine)</li> <li>2 Cervarix (bivalent vaccine)</li> <li>3 Both</li> <li>4 Don't know</li> </ul>
d.	What age group(s) does your practice recommend patients get the HPV vaccine? Mark (X) all that apply.	<ul> <li>1 Females 9–12 years of age</li> <li>2 Females 13–26 years of age</li> <li>3 Females 27 years of age and older</li> <li>4 Males 9–12 years of age</li> <li>5 Males 13–26 years of age</li> <li>6 Males 27 years of age and older</li> </ul>
e.	Give FLASHCARD F (p.20 Flashcard Booklet) and ask: Please indicate the reason(s) why your practice does NOT plan on recommending the HPV vaccine. Mark (X) all that apply.	<ul> <li>Not a large proportion of recommended age group in my practice</li> <li>Concern that it encourages sexual promiscuity</li> <li>Not wanting to convince parents/patients to accept vaccine</li> <li>Awkwardness of conversation that HPV is sexually transmitted</li> <li>Concern about safety of the vaccine</li> <li>Concern about failure of vaccine to prevent all cervical cancer</li> <li>Concern about decreased efficiacy in a population that has been exposed to HPV (i.e., sexually active)</li> <li>Concern that the office schedule is too crowded to accommodate additional visits</li> <li>Insurance reimbursement issues</li> <li>Up-front costs to purchase vaccine</li> <li>Concern regarding the storage and administration protocol of vaccine</li> <li>Other - Specify</li> </ul>
31.	Ask of all physicians/providers <b>Do you offer any type of cervical cancer</b> screening?	<ul> <li>Yes - Leave a NAMCS-CCS only if physician's speciality is GFP, IM, OB/GYN or provider works at a community health center. Please specify e-mail address</li> <li>No</li> <li>Don't know</li> </ul>
CHEC	<b>K ITEM C</b> Is provider part of the community health cent 1	

Section II INDUCTION INTERVIE	W – Continued
<b>32.</b> Provider demographics –	
a. What is your year of birth?	19
<b>b.</b> What is your sex?	1 🗌 Male 2 🗌 Female
<b>C.</b> What is your ethnicity?	<ul> <li>1 Hispanic or Latino</li> <li>2 Not Hispanic or Latino</li> </ul>
<b>d. What is your race?</b> Mark (X) one or more.	<ul> <li>1 White</li> <li>2 Black/African-American</li> <li>3 Asian</li> <li>4 Native Hawaiian/Other Pacific Islander</li> <li>5 American Indian/Alaska Native</li> </ul>
<b>e.</b> Give FLASHCARD G (p.21 Flashcard Booklet) and ask: What is your highest medical degree?	1 MD 2 DO 3 Nurse practitioner 4 Physician assistant 5 Nurse midwife 6 Other <i>Go to item 32f SKIP to FR INSTRUCTION on page 15.</i>
f. What is your primary specialty?	Name of specialty Code
g. What is your secondary specialty?	Name of specialty Code
<b>h.</b> What is your primary board certification?	Board certification
j. What is your secondary board certification?	Board certification
j. What year did you graduate medical school?	Year
<b>k.</b> Did you graduate from a foreign medical school?	1 □ Yes 2 □ No
FR INSTRUCTION If physician unavailable during reporting per	riod, SKIP to item 34b on page 18.
<b>33a.</b> During the period Monday, through	1 □ Yes 2 □ No − <i>Go to page 16</i>
Sunday, will ANYONE be available to help you fill out the patient record forms for this study (at in-scope locations)?	<b>FR NOTE</b> – Explain to the physician that you would like to review some of the questions found on the patient record form.
NOTES	

Section II INDUCTION INTERVIEW – Continued											
<b>33b. Who will be helping you at each location?</b> (Below enter the location and person's name and position.) <b>NOTE:</b> Keep the location numbers the same as the office numbers in item 16a.											
Office No.	Location (Enter street name)										
1	REC	ORD	ON CO	ONTR	OL C	ARD					
2	REC	ORD	ON CO	ONTR	OL CZ	ARD					
3	REC	ORD	ON CO	ONTR	OL CZ	ARD					
4	REC	ORD	ON CO	ONTR	OL C	ARD					
	<b>FR NOTE</b> – Explain to the physician and to anyone helping the physician that you would like to review some of the questions found on the Patient Record form. <i>Go to page 17.</i>										
To se to se To de for w see p num	Visit Sampling To select a sample of patient visits, the physician's office will need to know where to start sampling (Start With) and how to select subsequent patient visits (Take Every). To determine Take Every (TE) and Start With (SW) numbers follow these instructions. Read down the "Estimated visits for week" column to the line that corresponds to the total entry in ITEM 17e. Then, read across the "Days physician will see patients that week" line to the column that corresponds to the entry in ITEM 17a. Circle the appropriate number. This number is the physician's Take Every number for all office locations. Then transcribe this number below, and onto the front of the folio, and to the Patient Visit Worksheet if it is used.										
		TAł	KE EVERY N								
	Estimated Visits for Week		-		will see pati			_			
		1	2	3	4	5	6	7			
	2	1	ı <b>1</b>	ı <b>1</b>	ı <b>1</b>	ı <b>1</b>	1 I	1			
	24	2	I 1	ı <b>1</b>	ı <b>1</b>	- 	ı <b>1</b> ı	1			
25-	39	3	2	ı <b>1</b>	1	ı <b>1</b>	ı <b>1</b> ı	1			
40-	44	4	2	2	1	1	1	1			
45-	49	4	2	2	2	2	2	2			
50-	64	5	3	2	2	2	2	2			
65-	74	10	3	2	2	2	2	2			
75-	89	10	4	3	2	2	2	2			
90-	104	10	4	3	3	3	3	3			
105	-114	10	5	3	3	3	3	3			
115	–129	10	5	4	3	3	3	3			
130	–134	15	10	4	3	3	3	3			
135	–154	15	10	4	4	4	4	4			
155	–174	15	10	5	4	4	4	4			
175	–194	15	10	5	5	5	5	5			
195	-209	20	10	10	5	5	5	5			
210	-219	20	10	10	10	5	5	5			
220	-254	20	10	10	10	10	10	10			
255	-319	25	15	10	10	10	10	10			
320	-364	30	15	10	10	10	10	10			
365	+	30	30	30	30	30	30	30			

# Take Every Number

# Section II INDUCTION INTERVIEW – Continued

#### **START WITH NUMBER**

To determine the Start With (SW) number read down the "If Take Every Number is" column and find the Take Every Number. The number to the right is the Start With Number. Transcribe this number onto line at the right, and to the front of the folio, and to the Patient Visit Worksheet if it is used.

If the Take Every Number is:	Then the Start With Number is:	
1		
2		
3		
4		
5		Start With Number
10		
15		
20		
25		
30		

Office number	Edit	Folio Number							OFFICE USE ONLY Number of PRFs completed
1			   						
2				 	 		1		
3			   						
4				 		 	   	 	
Additional folio for Office #			 	   	   	   	   		

### INSTRUCTIONS

GIVE THE PHYSICIAN A FOLIO AND A COPY OF THE SAMPLE PATIENT RECORD FORM (NAMCS-73), AND EXPLAIN HOW TO COMPLETE THE FORMS.

Cover following points -

(1) Who to list/who not to list on the Patient Visit Worksheet found in the back of the NAMCS-26

- List every ambulatory patient visit to all in-scope locations during the reporting period.
- INCLUDE patients the physician doesn't see but who receive care from an assistant, nurse, nurse practitioner, physician assistant, etc.
- EXCLUDE patients who do not seek care or services (e.g., they come to pay a bill or leave a specimen).
- EXCLUDE telephone contacts with patients.
- (2) Show doctor instruction card in folio pocket and go over Patient Record item by item, paying particular attention to —

**Item 2, Injury/Poisoning/Adverse Effect –** If any part of this visit was related to an injury or poisoning or adverse effect of medical or surgical care or an adverse effect of medicinal drug, then mark the appropriate box. If this visit was not related to any of these, then mark the last option, "None of the above."

**Item 3, Reason for Visit** – To be recorded in patient's own words. We want the patient's own complaint here, not the physician's diagnosis. If the patient has no complaint, the physician should enter the reason for the visit.

#### **INSTRUCTIONS – Continued**

**Items 5a(1), Provider's Primary Diagnosis for this Visit** – Can be tentative or provisional or expressed as a problem. Physician should not record "Rule Out" diagnosis (R.O.). Enter any other diagnosis related to the visit (e.g., depression, obesity, asthma, etc.) in items 5a(2) and 5a(3).

**Items 5b, Chronic Disease Checklist** – Mark all chronic diseases that the patient has, regardless of entry in item 5a. This item supplements the diagnoses reported in item 5a. If patient has cancer, indicate stage. If none of the conditions listed apply, then mark "None of the above."

**Items 5c, Enrollment in Disease Management Program** – Indicate the status of enrollment in a disease management program for any of the conditions listed in 5b. A disease management program is designed to improve a patient's health by working more directly with them and their physicians on their treatment plans regarding diet, adherence to medicine schedules and other self-management techniques.

**Item 6, Vital Signs –** When possible, record specific values for the 4 vital signs. For height and weight, enter the value on the line next to the type or measurement system used. If height was not measured at this visit and patient is 21 years of age or over, enter the most recent height recorded.

Item 8, Health Education - Mark all services ordered or provided at this visit.

**Item 9, Non-Medication Treatment –** Mark and/or list all non-medical treatment including surgical or non-surgical procedures ordered or provided at this visit.

**Item 10, List medication/immunization names –** Record up to 8 medications that were ordered, supplied, administered or told to continue at the visit. Include Rx and OTC medications, immunizations, allergy shots, anesthetics, chemotherapy, and dietary supplements. Use SPECIFIC BRAND OR GENERIC DRUG NAMES as entered on prescription or medical records. Do NOT enter broad drug classes such as "pain medication." Record if the medication/immunization was new or continued.

**Item 12, Visit Disposition –** "No show" and "Left without being seen" should only be marked in those cases when the patient was scheduled to see the sampled physician/CHC provider and the PRF was completed ahead of time, but for one of the two reasons the visit did not take place. Optimally, visits that fall into these categories should not be sampled.

**Item 13, Time Spent with Provider** – Best estimate of time spent in face-to-face contact with the patient and the sampled provider. The answer may be zero (0), if the patient was attended entirely by a registered nurse or technician and did not see the sampled physician/CHC provider.

- (3) Explain to the provider, where appropriate, that the receptionist, nurse, or assistant can list patients on the Patient Visit Worksheet as they enter the office. They may also complete items 1–4 on the Patient Record form.
- (4) Instruct provider to enter number of patients seen and number of PRF's completed on front of folio at the end of each day.

### **34a. CLOSING STATEMENT**

Thank you for your time and cooperation Dr. . . I will call you on

Monday,

to see if (everything is all right/your plans have changed).

If you have any questions (Hand doctor your business card) please feel free to call me. My

telephone number is also written in the folio.

**FR INSTRUCTION** 

If applicable, complete Sections III through V before returning completed materials to office.

### **34b. CLOSING STATEMENT**

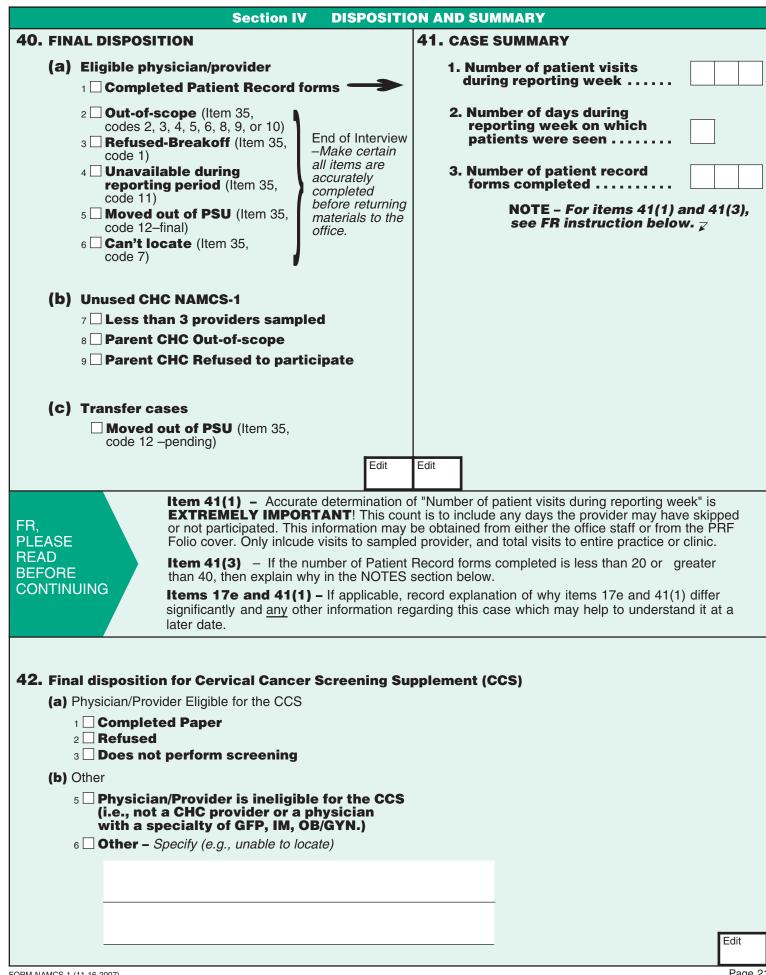
Thank you for your time and cooperation Dr... The information you provided will improve the accuracy of the NAMCS in describing office-based patient care in the United States.

FR INSTRUCTION

Complete Sections III through IV before returning completed materials to office.

	Section III	NONINTERVIEW
35.	<ul> <li>What is the reason the provider did not participate in this study?</li> <li>Explanations for noninterview codes 6 and 11 –</li> <li>Temporarily not practicing –Refers to duration of 3 months or more</li> <li>Unavailable during reporting period –Absence must be for duration of LESS than 3 months</li> </ul>	<ul> <li>1 Refused/Breakoff -<i>SKIP to item 37a</i></li> <li>2 Non-office based 3 Sees no ambulatory patients <i>SKIP to item 36</i></li> <li>4 Retired 5 Deceased <i>SKIP to item 40 on page 21</i></li> <li>5 Deceased <i>SKIP to item 38 on page 20</i></li> <li>7 Can't locate 8 Not licensed <i>SKIP to item 40 on page 21</i></li> <li>9 Moved out of U.S.A.</li> <li>10 Other out-of-scope -<i>SKIP to item 36</i></li> <li>11 Unavailable during reporting period -<i>SKIP to item 38 on page 20</i></li> <li>12 Moved out of PSU -<i>SKIP to item 39a on page 20</i></li> </ul>
36.	Check all that apply to describe provider's practice or medical activities which define him/her as ineligible or out-of-scope.	<ul> <li>Federally employed</li> <li>Radiology, anesthesiology or pathology specialist</li> <li>Administrator</li> <li>Work in institutional setting</li> <li>Work in hospital emergency department or outpatient department</li> <li>Work in industrial setting</li> <li>Other - Specify k</li> </ul>
37a.	At what point in the interview did the refusal/break-off occur? (Mark (X) one.)	<ul> <li>1 During telephone screening</li> <li>2 During induction interview</li> <li>3 After induction but prior to assigned reporting days</li> <li>4 At reminder call</li> <li>5 During assigned reporting days or mid-week calls</li> <li>6 At follow-up contact</li> </ul>
b.	By whom? (Mark (X) one.)	<ul> <li>1 Sampled provider</li> <li>2 Sampled provider through nurse</li> <li>3 Nurse/Secretary</li> <li>4 Receptionist</li> <li>5 Office manager/Administrator</li> <li>6 Other office staff - Specify <i>x</i></li> </ul>
C.	What reason was given? (Verbatim)	
d.	Date refusal/breakoff was reported to supervisor	Month Day Year
e.	Conversion attempt result	<ul> <li>1 No conversion attempt</li> <li>2 Sampled provider refused</li> <li>3 Sampled provider agreed to see Field Representative - Complete Section II</li> </ul>

Section III NONI	NTERVI	EW – Continu	ed	
<b>38.</b> Why is provider unavailable or not in practice?				SKIP to item 40 on page 21
<b>39a.</b> What is the provider's new address?	Numbe	er and street		
		RECORL	O ON CONTROL CA	RD
	City, S	tate, ZIP Code		
		RECORL	O ON CONTROL CA	RD
	l Teleph	one		
		RECORD	ON CONTROL CAP	RD
<b>b.</b> Name of Field Representative	RO	PSU	Date transferred	Continue with item
		RECORD ON	I CONTROL CARD	40 on page 21
NOTES	1			*



Section V PATIENT RECORD FORM CHECK		
<b>CHECK ITEM D</b> 1. Who answered the questions in the <b>Physician Induction Intervie</b> <i>Mark (X) all that apply.</i> 1	ew?	
$2 \square \text{ Office staff}$		
2. Who completed the <b>Patient Record forms</b> ? Mark (X) all that apply.		
1 □ Sampled provider       4 □ Other - Specify ₹         2 □ Office staff       3 □ FR - abstraction		
<ul> <li>3. Did the sampled provider accept the Data Use Agreement?</li> <li>1      Yes     2      No</li> </ul>		
<ul> <li>4. If the FR abstracted the PRFs, were the Accounting Documents place used for abstraction?</li> <li>1 □ Yes</li> <li>2 □ No - Explain </li> </ul>	→d in each of the i	medical records
<ul> <li>5. Did sampled provider (or staff) request to see the IRB approval?</li> <li>1          Yes         2          No     </li> </ul>		
<b>43.</b> Verify that all items on the Patient Record form check have been answered. DO NOT	Mark (X) whe	n completed
call the sampled provider regarding missing information on Patient Record form unless instructed by your supervisor or the FR Manual.	Field Representative check list (a)	Office check list (b)
<b>a.</b> Check for missing Patient Record forms (e.g., if the last completed Patient Record is number 1500051, do you have 1500001 through 1500050). <i>List missing Patient Record forms in Section VI, Part I of chart.</i>	(4)	(0)
<ul> <li>b. Item 1a – Date of visit recorded on each Patient Record form – If missing, complete 1 and 2 below.</li> </ul>		
(1) Determine date of visit by referring to Patient Record forms immediately before and after. For example, if 1550087 through 1550092 are dated "1/12/2007" and the date on 1550088 is missing, enter "1/12/2007" in item 1a.		
(2) If the exact date of the patient visit cannot be determined, estimate the date and enter "EST" next to the entry.		
<b>C. Items 1–13</b> –Verify that each of these items has been answered on the Patient Record form. List missing information in Section VI, Part 3 of chart on page 24.		
<b>d.</b> Check the sample provider's office schedule against the dates on the Patient Record forms for <b>survey week days with no completed Patient Record forms</b> . Do the <b>dates</b> on the Patient Record forms include <b>every day</b> during the survey week that the sample provider's office scheduled appointments?		
□ Yes □ No –List missing days in Section VI, Part 2 of chart on page 24.		
NOTES		

	Secti	on VI M	IISSING INFORMATION CHART		
Part 1 — Missing Patient Record Forms	44a.	Enter 7-dig	it Patient Record number(s) for missing for	ms.	
	Its of missing forms				
Part 2 — Missing Days or Blocks of Time		eported Blocks of	Reason	Will physician's office provide missing data?	0
List day(s) and blocks of time not reported, and check with the provider's office for the reason. (If patients were	Day(s) (a)	time (b)	(C)	(Mark X) (d) Yes No	patients seen (e)
seen during day(s)/hours not reported, arrange to obtain missing data. If not possible					
to obtain missing data, ask for the <b>number of</b>					
<b>patients</b> seen during day(s)/hours not reported.)					
NOTES					

Part 3 — Missing Pa Record Form Items (1–13)	ıtient	Patient Reco number (a)	ord r	Item number(s) (b)	Comments (c)						
List missing items, and refer to the FR manual for guidelines on retrieving missing information.											
<b>45.</b> Was provider/offic	ce staff conta No	acted for any	reasoi	n during the	editing pr	ocess?					
<b>46.</b> For all Final = 1 c	ases, transf	er informatio	n from	front of Pat	ient Recor	d Folio.					
WEEK OF -		FROM Month Day					TO Month Day				
SURVEY WEEK		Mon.	Tue	s. We	d. Thu	ur.	Fri.	Sat.	Sun.	Total	
Complete a Patient Record for patient	Number of patient visits										
every <b>TE</b> nth patient thereafter.	Number of records completed										
NOTES											