<table>
<thead>
<tr>
<th>Question number from 2013 NAMCS Workflow supplement</th>
<th>Variable Name</th>
<th>Variable Label</th>
<th>Cor N</th>
<th>Length</th>
<th>Values for variable range and labels</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONADOPTER AND ADOPTER Survey VARIABLES</td>
<td>Barcode PHYID</td>
<td>Physician ID</td>
<td>N</td>
<td>5</td>
<td>800000-90302=&quot;Valid range for live data collection&quot;</td>
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<tr>
<td>Derived SURVER Survey Version</td>
<td>N</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1='Non Adopter version' 2='Adopter version'</td>
</tr>
<tr>
<td>NA/A 2 NUMLOC Number of office locations that patients are seen in a normal week</td>
<td>N</td>
<td>3</td>
<td>0-20</td>
<td>-9</td>
<td>0-20 = 'valid range' -9=&quot;blank&quot;</td>
</tr>
<tr>
<td>NA/A 4 SETTING Setting with the most ambulatory visits</td>
<td>N</td>
<td>1</td>
<td>1-8</td>
<td>-9</td>
<td>1-8 = 'valid range' -9=&quot;Blank'</td>
</tr>
<tr>
<td>N/A 7 PSIZECAT Category of practice size of physicians for all locations?</td>
<td>N</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1= '1 physician' 2= '2-3 physicians' 3= '4-10 physicians' 4= '11 -50 physicians'</td>
</tr>
<tr>
<td>NA/A 8 MIDLEV1 Number of midlevel providers</td>
<td>N</td>
<td>2</td>
<td>0-99</td>
<td>-9</td>
<td>0-99' = 'valid range' -9=&quot;Blank'</td>
</tr>
<tr>
<td>NA/A 8 CLSTAFF1 Number of clinical staff (MA, RN)</td>
<td>N</td>
<td>2</td>
<td>0-99</td>
<td>-9</td>
<td>0-99' = 'valid range' -9=&quot;Blank'</td>
</tr>
<tr>
<td>NA/A 8 NCLSTAFF1 Number of nonclinical/administrative staff?</td>
<td>N</td>
<td>2</td>
<td>0-99</td>
<td>-9</td>
<td>0-99' = 'valid range' -9=&quot;Blank'</td>
</tr>
<tr>
<td>NA/A 9 MULTI1 Is the location a multi- or single- specialty group practice for the office that has the most ambulatory care visits?</td>
<td>N</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1='Single' 2='Multi' -9=&quot;Blank'</td>
</tr>
</tbody>
</table>
| NA/A 10 OWNERSH | Ownership status for office | N | 2 | 1='Owner'  
2='Employee'  
3='Contractor'  
-9='Blank' |
|-----------------|----------------------------|---|----|------------------|
| NA/A 11 OWNS1   | Who owns the practice for the office that has the most ambulatory care visits? | N | 2 | 1='Physician/Physician group'  
2='Insurance company, Health plan, or HMO'  
3='Community Health Center'  
4='Medical / Academic health center'  
5='Other hospital'  
6='Other health care corporation'  
7='Other'  
-9='Blank' |
| NA/A 12 PCMH    | Does the reporting location participate in a certified PCMH arrangement? | N | 2 | 1='Yes'  
2='No'  
3='Uncertain'  
-9='Blank' |
| NA/A 12a PCMHPL | Does the reporting location plan to participate in a certified PCMH arrangement? | N | 2 | 1='Yes'  
2='No'  
3='Uncertain'  
-7='Not Applicable'  
-9='Blank' |
| NA/A 13 P4P     | Does the reporting location participate in a Pay-for-Performance arrangement? | N | 2 | 1='Yes'  
2='No'  
3='Uncertain'  
-9='Blank' |
| NA/A 13a P4PPL  | Does the reporting location plan to participate in a Pay-for-Performance arrangement? | N | 2 | 1='Yes'  
2='No'  
3='Uncertain'  
-7='Not Applicable'  
6='Blank' |
| NA/A 14 ACO     | Does the reporting location participate in a Pay-for-Performance arrangement? | N | 2 | 1='Yes'  
2='No'  
3='Uncertain'  
-9='Blank' |
| NA/A 14a | ACOPL | Does the reporting location participate in an Accountable Care Organization or similar arrangement? | N 2 | 1='Yes' 2='No' 3='Uncertain' -7='Not Applicable' -9='Blank' |
| NA/A 15 | PRACSAT | Overall, how satisfied or dissatisfied are you with practicing medicine? | N 2 | 1='very satisfied' 2='somewhat satisfied' 3='somewhat dissatisfied' 4='very dissatisfied' -9='Blank' |
| NA/A 16 | HIGHQOC | "I am able to provide high quality care to most of my patients at the reporting location" Would you say you…? | N 2 | 1='Strongly Agree' 2='Somewhat Agree' 3='Somewhat Disagree' 4='Strongly Disagree' -9='Blank' |
| NA/A 17 | EHRSTAT | EHR Adoption Status | N 2 | 1='We are actively using an EHR system that was installed more than 12 months ago.' 2='We are actively using an EHR system that was installed within the past 12 months' 3='We are not actively using an EHR system but have one installed' 4='We do not have an EHR System' -9='blank' |
| N17a | EHREVER | Ever Plan to implement an EHR? | N 2 | 1='Yes' 2='No' 3='Uncertain because not involved in the decision making process’ 4='Uncertain because undecided’ -7='Not Applicable’ -9='Blank’ |
| N17b EHRNEVER1 | Do not plan on implementing EHR  
No system fits with my specialty | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
|----------------|----------------------------------|---|---|-------------------|
| N17b EHRNEVER2 | Do not plan on implementing EHR  
Plan to retire soon | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
| N17b EHRNEVER3 | Do not plan on implementing EHR  
Lack of time | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
| N17b EHRNEVER4 | Do not plan on implementing EHR -  
Lack of staff | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
| N17b EHRNEVER5 | Do not plan on implementing EHR -  
Lack of financial resources | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
| N17b EHRNEVER6 | Do not plan on implementing EHR-  
Privacy/security concerns | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
| N17b EHRNEVER7 | Do not plan on implementing EHR -  
Other | N | 2 | 0="box not marked"  
1="box marked"  
-7="Not applicable" |
| NA/A 18   | PAYHIT1 | At the reporting location, are there plans to apply for MU incentive payments? | N | 2 | 1='Yes, we already applied'  
2='Yes, we intend to apply'  
3='No we will not apply'  
4='Uncertain because not involved in the decision'  
5='Uncertain because undecided'  
6='Uncertain-unknown'  
7= Blank but sub-questions are answered  
-9='Blank' |
|-----------|---------|--------------------------------------------------------------------------------|---|---|--------------------------|
| NA/A 18A  | NOPAYHIT1 | Reasons for not applying for meaningful use incentives:  
Not Qualified as an eligible provider | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 18A  | NOPAYHIT2 | Reasons for not applying for meaningful use incentives:  
The process to apply is difficult | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 18A  | NOPAYHIT3 | Reasons for not applying for meaningful use incentives:  
not familiar with the MU incentive program | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 18A  | NOPAYHIT4 | Reasons for not applying for meaningful use incentives:  
USure that incentives will actually be paid | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 18A  | NOPAYHIT5 | Reasons for not applying for meaningful use incentives (NOT SAME ORDER AS 2012)  
My EHR system does not exchange electronically with other providers | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 18A  | NOPAYHIT6 | Reasons for not applying for meaningful use incentives (NOT SAME ORDER AS 2012)  
Not prepared to implement e-Rx | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 18A  | NOPAYHIT7 | Other reasons for not applying for meaningful use incentives | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA/A 19 | RECASS2 | Has the reporting location received any type of assistance from a regional extension center? | N | 2 | 1='Yes' 
2='No' 
3='Uncertain' 
4='I am not familiar with the term regional extension center.' 
-9='Blank'
| NA/A 20a | PM1IMP | How important is ‘creating a list of patients by particular diagnosis’ to delivering better patient care? | N | 2 | 1='Very important' 
2='Somewhat important' 
3='Not Important' 
-9='Blank'
| NA/A 20a | PM1OFT | How often is this task usually performed at this location? Create a list of patients by particular diagnosis? | N | 2 | 1='More than weekly' 
2='More than monthly' 
3='Less than monthly' 
4='Never' 
-9='Blank'
| NA/A 20a | PM1COM | Is the process computerized? Create a list of patients by particular diagnosis? | N | 2 | 1='Yes' 
2='No' 
-7='Not applicable' 
-9='Blank'
| NA/A 20b | PM2IMP | How important is ‘creating a list of patients by particular lab result’ to delivering better patient care? | N | 2 | 1='Very important' 
2='Somewhat important' 
3='Not Important' 
-9='Blank'
| NA/A 20b | PM2OFT | How often is this task usually performed at this location? create a list of patients by particular lab result | N | 2 | 1='More than weekly' 
2='More than monthly' 
3='Less than monthly' 
4='Never' 
-9='Blank' |
| NA/A 20b | PM2COM | Is the process computerized? create a list of patients by particular lab result | N | 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
| NA/A 20c | PM3IMP | How important is 'creating a list of patients by particular vital signs' to delivering better patient care? | N | 2 | 1='Very important'  
2='Somewhat important'  
3='Not Important'  
-9='Blank' |
| NA/A 20c | PM3OFT | How often is this task usually performed at this location? create a list of patients by particular vital signs' | N | 2 | 1='More than weekly'  
2='More than monthly'  
3='Less than monthly'  
4='Never'  
-9='Blank' |
| NA/A 20c | PM3COM | Is the process computerized?create a list of patients by particular vital signs' | N | 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
| NA/A 20d | PM4IMP | How important is 'creating a list of patients who are due for tests or preventive care' to delivering better patient care? | N | 2 | 1='Very important'  
2='Somewhat important'  
3='Not Important'  
-9='Blank' |
| NA/A 20d | PM4OFT | How often is this task usually performed at this location? create a list of patients who are due for tests or preventive care' | N | 2 | 1='More than weekly'  
2='More than monthly'  
3='Less than monthly'  
4='Never'  
-9='Blank' |
| NA/A 20d | PM4COM | Is the process computerized?create a list of patients who are due for tests or preventive care' | N | 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
<table>
<thead>
<tr>
<th>Page</th>
<th>Question</th>
<th>Description</th>
<th>Importance</th>
<th>Frequency</th>
<th>Computerization</th>
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<tbody>
<tr>
<td>20e</td>
<td>PM5IMP</td>
<td>How important is ‘providing patient reminders for preventive or follow-up care’ to delivering better patient care?</td>
<td>N 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20e</td>
<td>PM5OFT</td>
<td>How often is this task usually performed at this location?</td>
<td>N 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20e</td>
<td>PM5COM</td>
<td>Is the process computerized?</td>
<td>N 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20f</td>
<td>QI1IMP</td>
<td>How important ‘creating reports on clinical care measures for patients with specific chronic conditions’ to delivering better patient care?</td>
<td>N 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20f</td>
<td>QI1OFT</td>
<td>How often is this task usually performed at this location?</td>
<td>N 2</td>
<td></td>
<td></td>
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<tr>
<td>20f</td>
<td>QI1COM</td>
<td>Is the process computerized?</td>
<td>N 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20g</td>
<td>QI2IMP</td>
<td>How important is ‘creating reports on clinical care measures by patient demographic characteristics?’</td>
<td>N 2</td>
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</table>

- 1='Very important'
- 2='Somewhat important'
- 3='Not Important'
- 9='Blank'
- 1='More than weekly'
- 2='More than monthly'
- 3='Less than monthly'
- 4='Never'
- 9='Blank'
- 1='Yes'
- 2='No'
- 7='Not applicable'
- 9='Blank'
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<tr>
<th>NA/A 20g</th>
<th>QI2OFT</th>
<th>How often is this task usually performed at this location? create reports on clinical care measures by patient demographic characteristics</th>
<th>N</th>
<th>2</th>
<th>1='More than weekly' 2='More than monthly' 3='Less than monthly' 4='Never' -9='Blank'</th>
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<tbody>
<tr>
<td>NA/A 20g</td>
<td>QI2COM</td>
<td>Is the process computerized?create reports on clinical care measures by patient demographic characteristics</td>
<td>N</td>
<td>2</td>
<td>1='Yes' 2='No' -7='Not applicable' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20h</td>
<td>QI3IMP</td>
<td>How important is 'submitting clinical care measures to public and private insurers' to delivering better patient care?</td>
<td>N</td>
<td>2</td>
<td>1='Very important' 2='Somewhat important' 3='Not Important' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20h</td>
<td>QI3OFT</td>
<td>How often is this task usually performed at this location? submit clinical care measures to public and private insurers</td>
<td>N</td>
<td>2</td>
<td>1='More than weekly' 2='More than monthly' 3='Less than monthly' 4='Never' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20h</td>
<td>QI3COM</td>
<td>Is the process computerized?submit clinical care measures to public and private insurers</td>
<td>N</td>
<td>2</td>
<td>1='Yes' 2='No' -7='Not applicable' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20i</td>
<td>PC1IMP</td>
<td>How important is 'providing patients with a copy of their health information' to delivering better patient care?</td>
<td>N</td>
<td>2</td>
<td>1='Very important' 2='Somewhat important' 3='Not Important' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20i</td>
<td>PC1OFT</td>
<td>How often is this task usually performed at this location? provide patients with a copy of their health information</td>
<td>N</td>
<td>2</td>
<td>1='More than weekly' 2='More than monthly' 3='Less than monthly' 4='Never' -9='Blank'</td>
</tr>
</tbody>
</table>
| NA/A 20i | PC1COM | Is the process computerized? provide patients with a copy of their health information | N 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
| NA/A 20j | PC2IMP | How important is ‘recording a patient advanced directive’ to delivering better patient care? | N 2 | 1='Very important'  
2='Somewhat important'  
3='Not Important'  
-9='Blank' |
| NA/A 20j | PC2OFT | How often is this task usually performed at this location? record a patient advanced directive | N 2 | 1='More than weekly'  
2='More than monthly'  
3='Less than monthly'  
4='Never'  
-9='Blank' |
| NA/A 20j | PC2COM | Is the process computerized? record a patient advanced directive | N 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
| NA/A 20k | PC3IMP | How important is ‘providing patients with a clinical summary for each visit’ to delivering better patient care? | N 2 | 1='Very important'  
2='Somewhat important'  
3='Not Important'  
-9='Blank' |
| NA/A 20k | PC3OFT | How often is this task usually performed at this location? Provide patients with a clinical summary for each visit' | N 2 | 1='More than weekly'  
2='More than monthly'  
3='Less than monthly'  
4='Never'  
-9='Blank' |
| NA/A 20k | PC3COM | Is the process computerized? Provide patients with a clinical summary for each visit' | N 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
<table>
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<tr>
<th>Code</th>
<th>Question</th>
<th>Scale</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA/A 20l</td>
<td>How important is ‘receiving patient clinical information from other providers treating your patient’ to delivering better patient care?</td>
<td>N 2</td>
<td>1='Very important' 2='Somewhat important' 3='Not Important' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20l</td>
<td>How often is this task usually performed at this location? receive patient clinical information from other providers treating your patient</td>
<td>N 2</td>
<td>1='More than weekly' 2='More than monthly' 3='Less than monthly' 4='Never' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20l</td>
<td>Is the process computerized? receive patient clinical information from other providers treating your patient</td>
<td>N 2</td>
<td>1='Yes' 2='No' -7='Not applicable' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20m</td>
<td>How important is receiving information needed to continue managing a patient post-hospital discharge to delivering better patient care?</td>
<td>N 2</td>
<td>1='Very important' 2='Somewhat important' 3='Not Important' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20m</td>
<td>How often is this task usually performed at this location? Receive information needed to continue managing a patient post-hospital discharge</td>
<td>N 2</td>
<td>1='More than weekly' 2='More than monthly' 3='Less than monthly' 4='Never' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20m</td>
<td>Is the process computerized?Receive information needed to continue managing a patient post-hospital discharge</td>
<td>N 2</td>
<td>1='Yes' 2='No' -7='Not applicable' -9='Blank'</td>
</tr>
<tr>
<td>NA/A 20n</td>
<td>How important is sharing patient clinical information with other providers treating your patient to delivering better patient care?</td>
<td>N 2</td>
<td>1='Very important' 2='Somewhat important' 3='Not Important' -9='Blank'</td>
</tr>
</tbody>
</table>
| NA/A 20n | CC3OFT          | How often is this task usually performed at this location? share patient clinical information with other providers treating your patient | N | 2 | 1='More than weekly'  
2='More than monthly'  
3='Less than monthly'  
4='Never'  
-9='Blank' |
| NA/A 20n | CC3COM          | Is the process computerized? share patient clinical information with other providers treating your patient | N | 2 | 1='Yes'  
2='No'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21a | PRACTEF         | Overall, my practice would function more efficiently.  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21b | TIMEREV         | Amount of time spent to plan review order and document care would increase.  
*Nonadopters on adopter survey did not answer.*  | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21c | TIMERXC         | Amount of time spent responding to pharmacy calls would increase  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21d | ETIME           | Overall, my EHR saves me time  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21e | ERXTIME | Sending prescriptions electronically would save me time  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21f | OVISINC | The number of weekly office visits would increase  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21g | FASTLAB | My practice would receive lab results faster  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21h | PAPRSAV | My practice would save on costs associated with managing & storing paper records  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21i | BILLESS | Billing for services would be less complete  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
<table>
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<tr>
<th>Code</th>
<th>Category</th>
<th>Question</th>
<th>Answer</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA/A 21j</td>
<td>FINABEN</td>
<td>My EHR would produce financial benefits for my practice</td>
<td>N</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Nonadopters on adopter survey did not answer.</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NA/A 21k</td>
<td>CLINBEN</td>
<td>My EHR would produce clinical benefits for my practice</td>
<td>N</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Nonadopters on adopter survey did not answer.</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NA/A 21l</td>
<td>EHRDRCARE</td>
<td>My EHR would allow me to deliver better patient care</td>
<td>N</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Nonadopters on adopter survey did not answer.</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NA/A 21m</td>
<td>RECAVAIL</td>
<td>My EHR would make records more readily available at the point-of-care</td>
<td>N</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Nonadopters on adopter survey did not answer.</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NA/A 21n</td>
<td>EHRDISRPT</td>
<td>My EHR would disrupt the way I interact with patients.</td>
<td>N</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Nonadopters on adopter survey did not answer.</em></td>
<td></td>
<td></td>
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<tr>
<td>NA/A 21o</td>
<td>RECRUIT</td>
<td>My EHR would be an asset when recruiting physicians to join the practice.</td>
<td></td>
<td></td>
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<tr>
<td>---</td>
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<tr>
<td>N 2</td>
<td>1='Strongly agree' 2='Somewhat agree' 3='Somewhat disagree' 4='Strongly disagree' -7='Not applicable' -9='Blank'</td>
<td></td>
<td></td>
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<tr>
<td>NA/A 21p</td>
<td>DATACON</td>
<td>My EHR would enhance data confidentiality.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 2</td>
<td>1='Strongly agree' 2='Somewhat agree' 3='Somewhat disagree' 4='Strongly disagree' -7='Not applicable' -9='Blank'</td>
<td></td>
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<tr>
<td>NA/A 21q</td>
<td>HISECURE</td>
<td>Health information would be less secure in my EHR system than a paper-based system.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 2</td>
<td>1='Strongly agree' 2='Somewhat agree' 3='Somewhat disagree' 4='Strongly disagree' -7='Not applicable' -9='Blank'</td>
<td></td>
<td></td>
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<tr>
<td>NA/A 21r</td>
<td>TRANSCOST</td>
<td>My EHR would reduce transcription costs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 2</td>
<td>1='Strongly agree' 2='Somewhat agree' 3='Somewhat disagree' 4='Strongly disagree' -7='Not applicable' -9='Blank'</td>
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<tr>
<td>NA/A 21s</td>
<td>SOCINFOUN</td>
<td>Summary of care documents received electronically from other providers would contain unnecessary information.</td>
<td></td>
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<td>N 2</td>
<td>1='Strongly agree' 2='Somewhat agree' 3='Somewhat disagree' 4='Strongly disagree' -7='Not applicable' -9='Blank'</td>
<td></td>
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</tr>
</tbody>
</table>
| NA/A 21t SOCINFOTM | Summary of care documents received electronically from other providers would contain too much information.  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA/A 21u EHRBENCOS | Overall, the benefits of having an EHR would outweigh its purchase and maintenance costs.  
*Nonadopters on adopter survey did not answer.* | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
-7='Not applicable'  
-9='Blank' |
| NA22a EGOVPAY | Government incentive payments for EHR use | N | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA22b EFINAPEN | Proposed financial penalties for not using an EHR | N | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA22c EPRODAVA | Availability of government certified products | N | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA22d  | ESELASS          | Assistance with selecting an EHR system | N  | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
|--------|------------------|----------------------------------------|----|---|-------------------------------|
| NA22e  | ETECHASS         | Technical assistance w/ EHR implementation in your practice | N  | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA22f  | ECOLLEAG         | EHR systems being used by trusted colleagues | N  | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA22g  | ECAPHIE          | Capability of exchanging information electronically within your referral network | N  | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA22h  | EREQBC           | Requirement to use EHR for maintenance of board certification | N  | 2 | 1='Major influence to adopt'  
2='Minor influence to adopt'  
3='Not an influence to adopt'  
-9='Blank' |
| NA23a/A22a | ALRTRX       | Has use of an EHR in your practice led to being alerted to a potential medication error? | N  | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank' |
| NA 23b/A22b  | RXERR          | Has use of an EHR in your practice led to a potential medication error? | N  | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank'

| NA 23c/A22c  | ALRTLAB        | Has use of an EHR in your practice led to being alerted electronically to critical lab values? | N  | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank'

| NA 23d/A22d  | LESSTALK       | Has use of an EHR in your practice led to less effective communication during patient visits | N  | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank'

| NA 23e/A22e  | ALRTPREV       | Has use of an EHR in your practice led to being reminded to provide preventive care (e.g., vaccine, cancer screening)? | N  | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank'

| NA 23f/A22f  | ALRTCLN        | Has use of an EHR in your practice led to being reminded to provide care that meets clinical guidelines for patients with chronic conditions? | N  | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank' |
| NA 23g/A22g | IDLAB | Has use of an EHR in your practice led to ordering needed lab tests (such as HbA1c or LDL)? | N 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
7='not applicable'  
9='Blank' |
| NA 23h/A22h | FEWRTEST | Has use of an EHR in your practice led to ordering fewer tests due to better availability of lab results? | N 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
7='not applicable'  
9='Blank' |
| NA 23i/A22i | FORMRX | Has use of an EHR in your practice led to prescribing on-formulary drugs rather than off-formulary drugs? | N 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
7='not applicable'  
9='Blank' |
| NA 23j/A22j | PTEMAIL | Has use of an EHR in your practice led to communicating directly with a patient via email or secure messaging? | N 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
7='not applicable'  
9='Blank' |
| NA 23k/A22k | MDEITALK | Has use of an EHR in your practice led to facilitated direct communication with other providers that are part of my patient care team? | N 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
7='not applicable'  
9='Blank' |
| NA 23l/A22l | REMOTE | Has use of an EHR in your practice led to accessing a patient's chart electronically to work remotely (e.g., from home) | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5= 'More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7 ='not applicable'  
-9='Blank' |
| NA 23m/A22m | PDAACC | Has use of an EHR in your practice led to accessing a patient's chart through your personal device (e.g., smartphone, tablet)? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5= 'More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7 ='not applicable'  
-9='Blank' |
| NA 23n/A22n | ALRTHIE | Has use of an EHR in your practice led to alerting you that you received a patient summary from another provider? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5= 'More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7 ='not applicable'  
-9='Blank' |
| NA 23o/A22o | REFOR D | Has use of an EHR in your practice led to helping ordering a referral? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5= 'More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7 ='not applicable'  
-9='Blank' |
| NA 23p/A22p | REFFU | Has use of an EHR in your practice led to helping follow-up a referral? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5= 'More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7 ='not applicable'  
-9='Blank' |
| NA 23q/A22q | BADLIST | Has use of an EHR in your practice led to inadvertently selecting the wrong medication or lab order from a list? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank' |
| NA 23r/A22r | OVERLOOK | Has use of an EHR in your practice led to overlooking something important because you received too many alerts? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank' |
| NA 23s/A22s | BADACC | Has use of an EHR in your practice led to access by an unauthorized outside entity? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank' |
| NA 23t/A22t | PTCARE | Has use of an EHR in your practice led to enhanced overall patient care? | N | 2 | 1='Yes, within 30 days'  
2='Yes, not in past 30 days'  
3='Not at all'  
5='More than 1 box checked'  
6='Yes (both yes boxes checked)'  
-7='not applicable'  
-9='Blank' |
| A23a | BARANN | Annual EHR maintenance cost as barrier | N | 2 | 1='Major barrier'  
2='Minor barrier'  
3='Not a barrier'  
-7='not applicable'  
-9='Blank' |
| A23b  | BARPROD | Loss of productivity | N   | 2   | 1='Major barrier'  
|       |         |                     |     |     | 2='Minor barrier'  
|       |         |                     |     |     | 3='Not a barrier'  
|       |         |                     |     |     | -7='not applicable'  
|       |         |                     |     |     | -9='Blank'  
| A23c  | BARTRAIN | Adequacy of training for staff and physician as barrier | N  | 2   | 1='Major barrier'  
|       |         |                     |     |     | 2='Minor barrier'  
|       |         |                     |     |     | 3='Not a barrier'  
|       |         |                     |     |     | -7='not applicable'  
|       |         |                     |     |     | -9='Blank'  
| A23d  | BARTECH | Adequacy of EHR technical support as barrier | N  | 2   | 1='Major barrier'  
|       |         |                     |     |     | 2='Minor barrier'  
|       |         |                     |     |     | 3='Not a barrier'  
|       |         |                     |     |     | -7='not applicable'  
|       |         |                     |     |     | -9='Blank'  
| A23e  | BARRELI | Reliability of EHR system as barrier | N  | 2   | 1='Major barrier'  
|       |         |                     |     |     | 2='Minor barrier'  
|       |         |                     |     |     | 3='Not a barrier'  
|       |         |                     |     |     | -7='not applicable'  
|       |         |                     |     |     | -9='Blank'  
| A23f  | BARTEMP | Templates customized to specialty or specific patient conditions as barrier | N  | 2   | 1='Major barrier'  
|       |         |                     |     |     | 2='Minor barrier'  
|       |         |                     |     |     | 3='Not a barrier'  
|       |         |                     |     |     | -7='not applicable'  
|       |         |                     |     |     | -9='Blank'  
| A23g  | BARRSST | Resistance to change work habits as barrier | N  | 2   | 1='Major barrier'  
|       |         |                     |     |     | 2='Minor barrier'  
|       |         |                     |     |     | 3='Not a barrier'  
|       |         |                     |     |     | -7='not applicable'  
|       |         |                     |     |     | -9='Blank'  

| A23h    | BARSEC | Ability to encrypt information to securely send information to other providers | N 2 | 1='Major barrier'  
2='Minor barrier'  
3='Not a barrier'  
-7='not applicable'  
-9='Blank' |
|---------|--------|------------------------------------------------------------------------------|-----|-------------------|
| A23i    | BARPRIV| Ability to keep patient data private and secure                               | N 2 | 1='Major barrier'  
2='Minor barrier'  
3='Not a barrier'  
-7='not applicable'  
-9='Blank' |
| A23j    | BARCLICK| Efficiency of performing tasks (e.g., too many clicks ("click fatigue"))   | N 2 | 1='Major barrier'  
2='Minor barrier'  
3='Not a barrier'  
-7='not applicable'  
-9='Blank' |
| A23k    | BARACC | Ability to access patient records (e.g. log in)                                | N 2 | 1='Major barrier'  
2='Minor barrier'  
3='Not a barrier'  
-7='not applicable'  
-9='Blank' |
| NA/A 24 | ESHARE| Do you share any patient health information electronically (not fax) with other providers, including hospitals, ambulatory providers, or labs? | N 2 | 1='Yes'  
2='No'  
3='Not a barrier'  
-7='not applicable'  
-9='Blank' |
| NA/A 24a | HIEQOC | HIE improves my practice’s quality of care | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
5='Uncertain'  
-7='Not applicable'  
-9='Blank' |
| NA/A 24b | HIEEFF | HIE increases my practice’s efficiency | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
5='Uncertain'  
-7='Not applicable'  
-9='Blank' |
| NA/A 24c | HIEVCOST | HIE increases my practice’s vendor costs | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
5='Uncertain'  
-7='Not applicable'  
-9='Blank' |
| NA/A 24d | HIEPORT | HIE requires multiple systems or portals | N | 2 | 1='Strongly agree'  
2='Somewhat agree'  
3='Somewhat disagree'  
4='Strongly disagree'  
5='Uncertain'  
-7='Not applicable'  
-9='Blank' |
<table>
<thead>
<tr>
<th>Code</th>
<th>Question</th>
<th>Response Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA/A 24e</td>
<td><strong>HIELIAB</strong>&lt;br&gt;HIE increases my practice’s liability due to other providers lacking adequate privacy/security safeguards</td>
<td>N 2&lt;br&gt;1='Strongly agree'&lt;br&gt;2='Somewhat agree'&lt;br&gt;3='Somewhat disagree'&lt;br&gt;4='Strongly disagree'&lt;br&gt;5='Uncertain'&lt;br&gt;-7='Not applicable'&lt;br&gt;-9='Blank'</td>
</tr>
<tr>
<td>NA/A 24f</td>
<td><strong>HIEXINFO</strong>&lt;br&gt;HIE decreases my ability to separate sensitive health information from other data being exchanged</td>
<td>N 2&lt;br&gt;1='Strongly agree'&lt;br&gt;2='Somewhat agree'&lt;br&gt;3='Somewhat disagree'&lt;br&gt;4='Strongly disagree'&lt;br&gt;5='Uncertain'&lt;br&gt;-7='Not applicable'&lt;br&gt;-9='Blank'</td>
</tr>
<tr>
<td>NA/A25</td>
<td><strong>EHR SAT</strong>&lt;br&gt;Overall EHR Satisfaction</td>
<td>N 2&lt;br&gt;1='Very satisfied'&lt;br&gt;2='Somewhat satisfied'&lt;br&gt;3='Somewhat dissatisfied'&lt;br&gt;4='Very dissatisfied'&lt;br&gt;-7='not applicable'&lt;br&gt;-9='Blank'</td>
</tr>
<tr>
<td>NA/A26</td>
<td><strong>PURAGA</strong>&lt;br&gt;Purchase EHR again</td>
<td>N 2&lt;br&gt;1='Yes'&lt;br&gt;2='No'&lt;br&gt;3='Uncertain'&lt;br&gt;-7='not applicable'&lt;br&gt;-9='Blank'</td>
</tr>
</tbody>
</table>
| NA/A27 | EHRINSYR | Which year did you install your EHR/EMR system? | N | 4 | 1970-2013='Valid range'  
-7= ‘Not Applicable’  
-8 = ‘Unknown’  
-9 =’Blank’ |
| NA/A28 | EHRNAM | What is the name of your current EHR/EMR system? | N | 2 | 1=’Allscripts’  
2='Amazing Charts’  
3=’Athenahealth’  
4='Cerner’  
5='eClinicalWorks’  
6='eMDs’  
7='Epic’  
8='GE/Centricity’  
9=’Greenway Medical’  
10= ‘Mckesson/Practice Partner’  
11='NextGen’  
12='Practice Fusion'  
13='Sage/ Vitera’  
14='Other’  
16='Two or more boxes checked’  
-7= ‘Not Applicable’  
-8=’Unknown’  
-9=’Blank’ |
| NA/A29 | CMSMU | Does your current system meet meaningful use criteria defined by HHS? | N | 2 | 1='yes’  
2=' No’  
3=’uncertain’  
-7='not applicable’  
-9=’blank’ |
| NA/A29a | CMSMUUPG | Are there plans to upgrade your system to meet MU criteria? | N | 2 | 1='yes’  
2=' No’  
3=’uncertain’  
-7=’not applicable’  
-9=’blank’ |
| NA30 | EHRSYS | EHR System type | N | 1=’Stand alone'  
2=’Web-based design'  
-7=’non applicable'  
-9=’Blank' |
|---|---|---|---|---|
| NA31 | TRAINCL | Average hours clinical staff spent in training to implement EHR system? | N | 1=’1-8 hours'  
2=’9-40 hours'  
3=’41 to 80 hours'  
4=’Over 80 hours'  
5=’Did not receive training'  
-7=’not applicable'  
-9=’Blank' |
| NA32 | TRAINNC | Average hours non-clinical staff spent in training to implement EHR system? | N | 1=’1-8 hours'  
2=’9-40 hours'  
3=’41 to 80 hours'  
4=’Over 80 hours'  
5=’Did not receive training'  
-7=’not applicable'  
-9=’Blank' |
| NA33(1) | CLSTAFFINC | Changes in Clinical Staff-Overall clinical staff increased | N | 0=’box not marked'  
1=’box marked'  
-7=’Not applicable' |
| NA33(2) | CLSTAFFDEC | Changes in Clinical Staff Overall clinical staff decreased | N | 0=’box not marked'  
1=’box marked'  
-7=’Not applicable' |
| NA33(3) | CLSTAFFRESP | Changes in Clinical Staff-Shift in responsibilities among existing staff | N | 0=’box not marked'  
1=’box marked'  
-7=’Not applicable' |
| NA33(4) | CLSTAFFNOCH | Changes in Clinical Staff- No staff changes | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
|NA33(5) | CLSTAFFUNC | Changes in Clinical Staff- No staff changes | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA33 derived | CLSTAFFCHG | Types of Clinical Staff changes at the reporting location | N | 2 | 1='Increased clinical staff only'  
2='Decreased clinical staff only'  
3='Shift in clinical staff responsibilities only'  
4='Increased clinical staff and shifted responsibilities'  
5='Decreased clinical staff and shifted responsibilities'  
6='Increased and decreased clinical staff'  
7='Increased, decreased, and shifted clinical staff roles'  
8='No clinical staff changes'  
9='uncertain'  
-7='not applicable'  
-9='Blank' |
| NA34(1) | ADSTAFFINC | Changes in Administrative Staff- Overall Administrative staff increased | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA34(2) | ADSTAFFDEC | Changes in Administrative Staff-Overall Administrative staff decreased | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA34(3) | ADSTAFFRESP | Changes in Administrative Staff-Shift in responsibilities among existing staff | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
| NA34(4) | ADSTAFFNOCH | Changes in Administrative Staff-No staff changes | N | 2 | 0='box not marked'  
1='box marked'  
-7='Not applicable' |
<table>
<thead>
<tr>
<th>NA34(5) ADSTAFFFUNC</th>
<th>Changes in Administrative Staff-No staff changes</th>
<th>N</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>0='box not marked'</td>
<td>1='box marked'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-7='Not applicable'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N34 Derived ADSTAFFCHG</th>
<th>Types of Clinical Staff changes at the reporting location</th>
<th>N</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1='Increased administrative staff only'</td>
<td>2='Decreased administrative staff only'</td>
<td>3='Shift in administrative staff responsibilities only'</td>
<td>4='Increased administrative staff and shifted responsibilities'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A30 TRAINPHY</th>
<th>Average hours spent in ongoing training over the past year to use your practice's EHR?</th>
<th>N</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1='1-8 hours'</td>
<td>2='9-40 hours'</td>
<td>3='41 to 80 hours'</td>
<td>4='Over 80 hours'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NA35/A31 PRODREV</th>
<th>Revenue generated by the reporting location over the last year</th>
<th>N</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1='revenue increased'</td>
<td>2='revenue decreased'</td>
<td>3='revenue stayed the same'</td>
<td>4='uncertain'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NA35a/A31a PRODREVEHR</th>
<th>Change in revenue due to the EHR?</th>
<th>N</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1='yes'</td>
<td>2='no'</td>
<td>3='uncertain'</td>
<td>-7= not applicable</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td>Response Options</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>NA36/A32</td>
<td>PRODOV Office visits by the reporting location</td>
<td>N 2 1='Office visits increased' 2='Office visits decreased' 3='Office visits stayed the same' 4='uncertain' -9='Blank'</td>
<td></td>
</tr>
<tr>
<td>NA36a/A32a</td>
<td>PRODOVEHR Change in revenue due to the EHR?</td>
<td>N 2 1='yes' 2='no' 3='uncertain' -7='not applicable' -9='blank'</td>
<td></td>
</tr>
<tr>
<td>NA37a/A33a</td>
<td>PTVIEWTST Patient can view test results online</td>
<td>N 2 1='yes' 2='no' 3='uncertain' -9='blank'</td>
<td></td>
</tr>
<tr>
<td>N37b/A33b</td>
<td>PTRQREF Patient can request referrals online</td>
<td>N 2 1='yes' 2='no' 3='uncertain' -9='blank'</td>
<td></td>
</tr>
<tr>
<td>N37c/A33c</td>
<td>PTRQRX Patient can request refills for prescriptions online</td>
<td>N 2 1='yes' 2='no' 3='uncertain' -9='blank'</td>
<td></td>
</tr>
<tr>
<td>N37d/A33d</td>
<td>PTRQAPT Patient can request appointments online</td>
<td>N 2 1='yes' 2='no' 3='uncertain' -9='blank'</td>
<td></td>
</tr>
<tr>
<td>N37e/A33e</td>
<td>PTENTER Enter health information online (e.g., weight, symptoms)</td>
<td>N 2 1='yes' 2='no' 3='uncertain' -9='blank'</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Short Name</td>
<td>Description</td>
<td>N</td>
</tr>
<tr>
<td>--------</td>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>N37f/A33f</td>
<td>PTUPLOAD</td>
<td>Upload data from self-monitoring devices (e.g., blood glucose readings)</td>
<td>N</td>
</tr>
<tr>
<td>Derived from NA37/A33</td>
<td>PTONLINE</td>
<td>Can patients do any online activities?</td>
<td>N</td>
</tr>
<tr>
<td>NA38/A34</td>
<td>EMRINS12</td>
<td>plans for installing a new EHR system in 12 months?</td>
<td>N</td>
</tr>
<tr>
<td>NA39/A35</td>
<td>WCOMPWFS3</td>
<td>Who completed the form / refused</td>
<td>N</td>
</tr>
<tr>
<td>Recode from EHRNAM</td>
<td>EHRNAMR</td>
<td>What is the name of your current EHR/EMR system?</td>
<td>N</td>
</tr>
<tr>
<td>--------------------</td>
<td>---------</td>
<td>------------------------------------------------</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1='Allscripts' 2='Amazing Charts' 3='Athenahealth' 4='Cerner' 5='eClinicalWorks' 6='eMDs' 7='Epic' 8='GE/Centricity' 9='Greenway Medical' 10='Mckesson/Practice Partner' 11='NextGen' 12='Practice Fusion' 13='Sage/ Vitera' 14='Other' 16='Two or more boxes checked' 17='MEDENT' 18='MEDITECH' 19='SRS EHR' 20='Intermountain Health Care/HELP2' 21='APRIMA' 22='Soapware' 23='NexTech' 24='AllMeds' 25='Medflow' 26='Quest Diagnostics/Care 360' -7= 'Not Applicable' -8='Unknown' -9='Blank'</td>
<td></td>
</tr>
<tr>
<td>Recoded from LOCSIZE</td>
<td>LOCSIZCAT</td>
<td>Size of the office with most ambulatory care patients grouped based on LOCSIZE. (Trend analysis involving grouped office size should use PRACTSIZ prior to 2013)</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11+ physicians' -9='Blank'</td>
<td></td>
</tr>
<tr>
<td><strong>Variable</strong></td>
<td><strong>Description</strong></td>
<td><strong>N</strong></td>
<td><strong>Values</strong></td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------</td>
<td>------</td>
<td>-----------</td>
</tr>
<tr>
<td><strong>LOCSIZCATR</strong></td>
<td>Size of the office with most ambulatory care patients grouped based on LOCSIZE. (Trend analysis involving grouped office size should use PRACTSIZ prior to 2013) missing replaced with first with 2012 and then by 2011 PRACTSIZR responders</td>
<td>N</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11+ physicians' -9='Blank'</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LOCSIZCATRF</strong></td>
<td>Flag whether missing LOCSIZCAT =-9 was replaced in LOCSIZCATR</td>
<td>N</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>0='LOCSIZCAT in 2013 not missing' 1='Missing replaced with 2011 PRACTSIZR' 2='Missing replaced with 2012 PRACTSIZR'</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSA</strong></td>
<td>Interview metropolitan Status (2 categories) based on 2000 Census (consistent with WF 2011 and WF 2012)</td>
<td>N</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1='MSA' 2='non-MSA'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>Code</td>
<td>Reference</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
<td>------</td>
<td>-----------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Recoded from Physician sample file</td>
<td>MSA13</td>
<td></td>
<td>Interview metropolitan Status (2 categories) for provider zip code - based on 2010 Census data</td>
</tr>
<tr>
<td>Recoded from SPECR &amp; SPEC</td>
<td>SPECCAT</td>
<td></td>
<td>Physician specialty type</td>
</tr>
<tr>
<td>Recoded: LOCSIZE-MULTI1</td>
<td>MULTI1</td>
<td></td>
<td>Recoded Solo and Multi variables</td>
</tr>
<tr>
<td><strong>SAMPLE FILE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physician Sample File; updated by zip if physician moved</td>
<td>REGION</td>
<td></td>
<td>Region of the Physicians Interview office</td>
</tr>
<tr>
<td>Physician Sample File</td>
<td>PHYSEX</td>
<td></td>
<td>Sex of Physician</td>
</tr>
<tr>
<td>Recode from PYOB</td>
<td>PAGE50</td>
<td></td>
<td>Physician age; grouped</td>
</tr>
<tr>
<td><strong>SUDAAN VARIABLES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Derived</td>
<td>YEAR</td>
<td></td>
<td>Survey year</td>
</tr>
<tr>
<td>Derived</td>
<td>SUBFILE</td>
<td>Survey identifier</td>
<td>N</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
<td>------------------</td>
<td>----</td>
</tr>
<tr>
<td>Sample</td>
<td>PROSTRAT</td>
<td>Provider sampled specialty stratum.</td>
<td>N</td>
</tr>
<tr>
<td>Derived</td>
<td>STATE</td>
<td>State where the physician was sampled</td>
<td>N</td>
</tr>
<tr>
<td>Derived</td>
<td>POPDOC</td>
<td>Estimated number of NAMCS eligible physicians in STATE</td>
<td>N</td>
</tr>
</tbody>
</table>

**2013-specific derived variables**

<table>
<thead>
<tr>
<th>Derived</th>
<th>ADOPTSTAT</th>
<th>Adopter status after year 3 (2013) workflow survey.</th>
<th>N</th>
<th>1</th>
<th>'adopter' 2='nonadopter' 3='Unknown'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Derived</td>
<td>YR3WFWT09</td>
<td>Year 3 (2013) physician sampling weight. Nonresponse adjusted for MSA (updated 2000 Census file from 2009)</td>
<td>N</td>
<td>6</td>
<td>0='Out of scope or refused doctors' 1-999999='Responding doctors'</td>
</tr>
<tr>
<td>Derived</td>
<td>YR3WFWT13</td>
<td>Year 3 (2013) physician sampling weight. Nonresponse adjusted for MSA13 (2010 Census file from 2013)</td>
<td>N</td>
<td>6</td>
<td>0='Out of scope or refused doctors' 1-999999='Responding doctors'</td>
</tr>
</tbody>
</table>

**Recode of DISPEMRWF3R**

<table>
<thead>
<tr>
<th>Recode of DISPEMRWF3R</th>
<th>DISPEMRWF3R</th>
<th>Derived final disposition of Workflow Mail Survey Year 3, updated.</th>
<th>N</th>
<th>2</th>
<th>1='Eligible Complete (phone, mail, or web)' 2='Eligible Refused' 3='Ineligible or out-of-scope' 4='Ineligible - Unlocatable' 5='Unknown Eligibility' 6='Eligible - Partially Complete/Incomplete'</th>
</tr>
</thead>
</table>

**Derived from WAVECOMPWF3R**

| Derived from WAVECOMPWF3R | WAVECOMPWF3R | Survey was completed during which wave, year 3 (2013), with code 5 & 6 re-coded into early responders and late responders. | N  | 1 | 1='1st mailing' 2='2nd mailing' 3='3rd mailing' 4='Survey completed over the phone' 5='Survey completed via web before 4/23' 6='Survey completed via web on or after 4/23' 7='There is no data for this respondent' |
