

2017 NATIONAL AMBULATORY MEDICAL CARE SURVEY PROVIDER FILE DATA DICTIONARY FOR RESEARCH DATA CENTER USE

Last updated November 18, 2021

NOTE: This data dictionary is for use when requesting variables as part of a research proposal submitted to the NCHS Research Data Center. While these items may be requested, obtaining them is based on approval of the submitted proposal. Certain items, including but not limited to, those pertaining to specific geography, or to external data sources such as NPI number, are not given directly to researchers, but can be used by Research Data Center staff for merging files and creating broader categories. The data dictionary pertains to both traditional NAMCS physicians and providers sampled within Community Health Centers (CHCs), but at present, only NAMCS data are available. MU/EHR is Meaningful Use/Electronic Health Records and refers to those physicians who agreed to participate through submission of electronic medical records. MU/EHR physicians were only asked a subset of the questions included in the Physician Induction Interview, as shown below.

2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Created from CTRLNUM	PHYID	Physician ID from CTRLNUM	N	6	6	1 - 3994 = 'Traditional physician' 600021 - 601023 = 'CHC providers'
Created from CTRLNUM	CHCID	CHC site ID from CTRLNUM	N	5	5	60002 - 60102 = 'CHC site' -7 = 'Traditional MU/EHR provider'
Census dataset: NAMCS1 Instrument: PRVETHN	PRVETHN	Provider demographics - Ethnicity	N	2	3	1='Hispanic or Latino' 2='Not Hispanic or Latino' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from RACE1:RACE5	PRVWHITE	Provider demographics - race - White.	N	2	3	0='Box is not marked' 1='Box is marked' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from RACE1:RACE5	PRVBLACK	Provider demographics - race - Black/African-American.	N	2	3	0='Box is not marked' 1='Box is marked' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from RACE1:RACE5	PRVASIAN	Provider demographics - race - Asian.	N	2	3	0='Box is not marked' 1='Box is marked' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 Instrument: derived from RACE1:RACE5	PRVNHOP	Provider demographics - race - Native Hawaiian/Other Pacific Islander.	N	2	3	0='Box is not marked' 1='Box is marked' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from RACE1:RACE5	PRVAIAN	Provider demographics - race - American Indian/Alaska Native.	N	2	3	0='Box is not marked' 1='Box is marked' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from RACE1:RACE5	PRVRACE	Provider race	N	2	3	1='White only' 2='Black only' 3='Asian only' 4='Native Hawaiian/Other Pacific Islander' 5='American Indian/Alaska Native' 6='Two or more races' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: PROFACT	PROFACT	Professional activity	N	2	3	1='Patient care' 2='Research' 3='Teaching' 4='Administration' 5='Something else' -9='Blank'
Census dataset: NAMCS1 Instrument: NUMLOCR	NUMLOCR	Number of office locations for refusing providers. Does not include settings such as EDs, outpatient departments, surgicenters Federal Clinics and community health centers. (Instrument range 0 to 20)	N	2	3	0-20='valid range' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: NUMLOCR_CHC	NUMLOCR_CHC	Number of office locations for refusing providers. CHC locations (Instrument range 0 to 20)	N	2	3	0-20='valid range' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 Instrument: NOPATSENR	NOPATSENR	In typical year, how many weeks do you not see patients, for a refusing provider.	N	2	3	0-52='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: LTHALFR	LTHALFR	You typically see patients fewer than half the weeks in each year. Is that correct? Verification of NOPATSENR, if provider said they did not see patients more than 26 weeks per year (NOPATSENR 27-52)	N	2	3	1='Yes' 2='No' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 Instrument: ALLYEARR	ALLYEARR	You typically see patients all 52 weeks of the year. Is that correct? Verification of NOPATSENR if provider said they see patients all 52 weeks. (NOPATSENR=0)	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 Instrument: NUMVSR	NUMVSR	Number of patient visits for refusing physicians during last normal week of practice at all office locations/CHC locations. (instrument range 0 to 500) - edited data.	N	3	3	0-500='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: WKHOUSRR	WKHOUSRR	Number of weekly hours spent providing direct patient care for refusing physicians during last normal week of practice (Instrument range 0 to 99)	N	2	3	0-99='valid range' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR provider not asked question'
Census dataset: NAMCS1 Instrument: NUMBPARR	NUMBPARR	At the office where the most ambulatory patients are seen/CHC location: number of physician associates for refusing physicians. (instrument range 0 to 40)	N	2	3	0-40='valid range' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: SINGSPCR	SINGSPCR	At the office where the most ambulatory patients are seen/CHC location: is this a single- or multiple-specialty group practice for refusing physicians?	N	2	3	1='Multi-specialty practice' 2='Single-specialty practice' -6='Refused to answer' -7 = 'Not applicable, skip pattern or MU/EHR provider not asked question' -9='Blank'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: OWNERSHR	OWNERSHR	At the office where the most ambulatory patients are seen/CHC location: ownership status for refusing physicians.	N	2	3	1='Full-owner' 2='Part-owner' 3='Employee' 4='Contractor' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: OWNSR	OWNSR	At the office location where the most ambulatory patients are seen/CHC location: who owns the practice for refusing physicians?	N	2	3	1='Physician or 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' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: NOPATSEN	NOPATSEN	In typical year, how many weeks do you not see ambulatory patients (for example, conferences, vacations, etc.)?	N	2	3	0-52='Valid range' -6='Refused to answer' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument: LTHALF	LTHALF	Verification of NOPATSEN, if physician said they did not see patients more than 26 weeks per year.	N	2	3	1='Yes' 2='No' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument: ALLYEAR	ALLYEAR	Verification of NOPATSEN, if physician said they saw patients all 52 weeks of the year.	N	2	3	1='Yes' 2='No' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 Instrument: SEEPAT	SEEPAT	Are you likely to see ambulatory patients during assigned week in your office/at the current CHC location?	N	2	3	1='Yes' 2='No' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from SCOPE	SCOPE1	Scope of office #1.	N	2	3	1='In-scope' 2='Out-of-scope' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from SCOPE	SCOPE2	Scope of office #2.	N	2	3	1='In-scope' 2='Out-of-scope' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from SCOPE	SCOPE3	Scope of office #3.	N	2	3	1='In-scope' 2='Out-of-scope' -9='Blank'

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Census dataset: NAMCSOFFICES Instrument: derived from SCOPE	SCOPE4	Scope of office #4.	N	2	3	1='In-scope' 2='Out-of-scope' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from SCOPE	SCOPE5	Scope of office #5.	N	2	3	1='In-scope' 2='Out-of-scope' -9='Blank'
Census dataset: NAMCS1 Instrument: OTHLOC	OTHLOC	(Asked if non-CHC) Are there other locations where you normally would see patients, even though you will not see any during your 7-day reporting period? Does not include settings such as emergency departments, outpatient departments, surgicenters, federal clinics and community health centers.	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable CHC or MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: OTHLOC_NUM	OTHLOC_CHCNUM	(Asked if a CHC) In how many other CHC locations do you NORMALLY see patients?	N	2	3	1-20='Valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable traditional MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: OTHLOCVS	OTHLOCVS	Of these locations where you will not be seeing patients during your 7-day reporting period, how many total office visits did you have during your last week of practice at these locations? (instrument range 0 to 400)	N	3	3	0-400='Valid range' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument: ESTDAYS	ESTDAYS	Estimated number of days seeing patients.	N	2	3	0-7='valid range' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
		For CHC providers, only the CHC site is interviewed, if participating, only answers for one office are available				
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVIS1	Estimated number of visits last normal week for office #1/CHC location (instrument range 0 to 400)	N	3	3	0-400='Valid range' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVIS2	Estimated number of visits last normal week for office #2/CHC location (instrument range 0 to 400)	N	3	3	0-400='Valid range' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVIS3	Estimated number of visits last normal week for office #3/CHC location (instrument range 0 to 400)	N	3	3	0-400='Valid range' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVIS4	Estimated number of visits last normal week for office #4/CHC location (instrument range 0 to 400)	N	3	3	0-400='Valid range' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVIS5	Estimated number of visits last normal week for office #5/CHC location (instrument range 0 to 400)	N	3	3	0-400='Valid range' -8='Unknown' -9='Blank'

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Census dataset: NAMCSOFFICES Instrument: derived from SAME	SAME1	Is the expected number of visits to office #1/CHC location same as last normal week ?	N	2	3	1='Yes' 2='No' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SAME	SAME2	Is the expected number of visits to office #2/CHC location same as last normal week ?	N	2	3	1='Yes' 2='No' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SAME	SAME3	Is the expected number of visits to office #3/CHC location same as last normal week ?	N	2	3	1='Yes' 2='No' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SAME	SAME4	Is the expected number of visits to office #4/CHC location same as last normal week ?	N	2	3	1='Yes' 2='No' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SAME	SAME5	Is the expected number of visits to office #5/CHC location same as last normal week ?	N	2	3	1='Yes' 2='No' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVISP1	Estimated number of visits expected for office #1/CHC location, if SAME5 = 2, else = ESTVIS5 (instrument range 0 to 400).	N	3	3	0-400='valid range' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVISP2	Estimated number of visits expected for office #2/CHC location, if SAME5 = 2, else = ESTVIS5 (instrument range 0 to 400).	N	3	3	0-400='valid range' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVISP3	Estimated number of visits expected for office #3/CHC location, if SAME5 = 2, else = ESTVIS5 (instrument range 0 to 400).	N	3	3	0-400='valid range' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVISP4	Estimated number of visits expected for office #4/CHC location, if SAME5 = 2, else = ESTVIS5 (instrument range 0 to 400).	N	3	3	0-400='valid range' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ESTVIS	ESTVISP5	Estimated number of visits for expected office #5/CHC location, if SAME5 = 2, else = ESTVIS5 (instrument range 0 to 400).	N	3	3	0-400='valid range' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 Derived from ESTVIS1:ESTVIS5	ESTTOTVS	Total estimated number of visits from ESTVIS1-ESTVIS5 (Instrument range 0 to 2000)	N	3	3	0-500='valid range' -9='Blank'
Census dataset: NAMCS1 Derived from ESTVIS1:ESTVIS5	ESTTOTVS_LW	Total estimated number of visits during last normal week of practice, from ESTVIS1-ESTVIS5 (Instrument range 0 to 2000)	N	3	3	0-659='valid range' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from SOLO	SOLO1	Type of practice for office #1/CHC location. Question is: do you have a solo practice/solo CHC or are you associated with other physicians in a partnership, in a group practice/group CHC or in some other way?	N	2	3	1='Solo' 2='Nonsolo' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SOLO	SOLO2	Type of practice for office #2/CHC location. Question is: do you have a solo practice/solo CHC or are you associated with other physicians in a partnership, in a group practice/group CHC or in some other way?	N	2	3	1='Solo' 2='Nonsolo' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SOLO	SOLO3	Type of practice for office #3/CHC location. Question is: do you have a solo practice/solo CHC or are you associated with other physicians in a partnership, in a group practice/group CHC or in some other way?	N	2	3	1='Solo' 2='Nonsolo' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SOLO	SOLO4	Type of practice for office #4/CHC location. Question is: do you have a solo practice/solo CHC or are you associated with other physicians in a partnership, in a group practice/group CHC or in some other way?	N	2	3	1='Solo' 2='Nonsolo' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from SOLO	SOLO5	Type of practice for office #5/CHC location. Question is: do you have a solo practice/solo CHC or are you associated with other physicians in a partnership, in a group practice/group CHC or in some other way?	N	2	3	1='Solo' 2='Nonsolo' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OTHPHY	OTHPHY1	Number of other physicians for office #1/CHC location. (Instrument range 0 to 40). Only a value of 0 is allowed for CHC providers.	N	2	3	0-40='valid range' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'

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Census dataset: NAMCSOFFICES Instrument: derived from OTHPHY	OTHPHY2	Number of other physicians for office #2/CHC location. Instrument range 0 to 40). Only a value of 0 is allowed for CHC providers.	N	2	3	0-40='valid range' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from OTHPHY	OTHPHY3	Number of other physicians for office #3/CHC location. Instrument range 0 to 40). Only a value of 0 is allowed for CHC providers.	N	2	3	0-40='valid range' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from OTHPHY	OTHPHY4	Number of other physicians for office #4/CHC location. Instrument range 0 to 40). Only a value of 0 is allowed for CHC providers.	N	2	3	0-40='valid range' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from OTHPHY	OTHPHY5	Number of other physicians for office #5/CHC location. Instrument range 0 to 40). Only a value of 0 is allowed for CHC providers.	N	2	3	0-40='valid range' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from MULTI	MULTI1	Asked if non-CHC: Is this a single or multi-specialty (group) practice for office #1? Asked if CHC: Is this a single- or multi-specialty CHC at this location?	N	2	3	1='Multi' 2='Single' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from MULTI	MULTI2	Asked if non-CHC: Is this a single or multi-specialty (group) practice for office #2? Asked if CHC: Is this a single- or multi-specialty CHC at this location?	N	2	3	1='Multi' 2='Single' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'

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Census dataset: NAMCSOFFICES Instrument: derived from MULTI	MULTI3	Asked if non-CHC: Is this a single or multi-specialty (group) practice for office #3? Asked if CHC: Is this a single- or multi-specialty CHC at this location?	N	2	3	1='Multi' 2='Single' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from MULTI	MULTI4	Asked if non-CHC: Is this a single or multi-specialty (group) practice for office #4? Asked if CHC: Is this a single- or multi-specialty CHC at this location?	N	2	3	1='Multi' 2='Single' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from MULTI	MULTI5	Asked if non-CHC: Is this a single or multi-specialty (group) practice for office #5? Asked if CHC: Is this a single- or multi-specialty CHC at this location?	N	2	3	1='Multi' 2='Single' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCSOFFICES Instrument: derived from MIDLEV	MIDLEVP1	Number of mid-level providers for office #1/CHC location (instrument range 0 to 40).	N	2	3	0-40='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from MIDLEV	MIDLEVP2	Number of mid-level providers for office #2/CHC location (instrument range 0 to 40).	N	2	3	0-40='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from MIDLEV	MIDLEVP3	Number of mid-level providers for office #3/CHC location (instrument range 0 to 40).	N	2	3	0-40='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCSOFFICES Instrument: derived from MIDLEV	MIDLEVP4	Number of mid-level providers for office #4/CHC location (instrument range 0 to 40).	N	2	3	0-40='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from MIDLEV	MIDLEVP5	Number of mid-level providers for office #5/CHC location (instrument range 0 to 40).	N	2	3	0-40='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNERSH	OWNERSH1	Ownership status for office #1/CHC location. Values for variable changed starting in 2012	N	2	3	1='Full-owner' 2='Part-owner' 3='Employee' 4='Contractor' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNERSH	OWNERSH2	Ownership status for office #2/CHC location. Values for variable changed starting in 2012	N	2	3	1='Full-owner' 2='Part-owner' 3='Employee' 4='Contractor' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNERSH	OWNERSH3	Ownership status for office #3/CHC location. Values for variable changed starting in 2012	N	2	3	1='Full-owner' 2='Part-owner' 3='Employee' 4='Contractor' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCSOFFICES Instrument: derived from OWNERSH	OWNERSH4	Ownership status for office #4/CHC location. Values for variable changed starting in 2012	N	2	3	1='Full-owner' 2='Part-owner' 3='Employee' 4='Contractor' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNERSH	OWNERSH5	Ownership status for office #5/CHC location. Values for variable changed starting in 2012	N	2	3	1='Full-owner' 2='Part-owner' 3='Employee' 4='Contractor' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNS	OWNS1	Who owns the practice?-for office #1/CHC location.	N	2	3	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' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNS	OWNS2	Who owns the practice?-for office #2/CHC location.	N	2	3	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' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCSOFFICES Instrument: derived from OWNS	OWNS3	Who owns the practice?-for office #3/CHC location.	N	2	3	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' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNS	OWNS4	Who owns the practice?-for office #4/CHC location.	N	2	3	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' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from OWNS	OWNS5	Who owns the practice?-for office #5/CHC location.	N	2	3	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' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_EKG	EKGECG1	Does your practice have the ability to perform any of the following on site at office #1/CHC location - EKG/ECG	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_EKG	EKGECG2	Does your practice have the ability to perform any of the following on site office #2/CHC location - EKG/ECG	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_EKG	EKGECG3	Does your practice have the ability to perform any of the following on site office #3/CHC location - EKG/ECG	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_EKG	EKGECG4	Does your practice have the ability to perform any of the following on site office #4/CHC location - EKG/ECG	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_EKG	EKGECG5	Does your practice have the ability to perform any of the following on site office #5/CHC location - EKG/ECG	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_PHLEB	PHLEB1	Does your practice have the ability to perform any of the following on site office #1/CHC location - Phlebotomy	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_PHLEB	PHLEB2	Does your practice have the ability to perform any of the following on site office #2/CHC location - Phlebotomy	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_PHLEB	PHLEB3	Does your practice have the ability to perform any of the following on site office #3/CHC location - Phlebotomy	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_PHLEB	PHLEB4	Does your practice have the ability to perform any of the following on site office #4/CHC location - Phlebotomy	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_PHLEB	PHLEB5	Does your practice have the ability to perform any of the following on site office #5/CHC location - Phlebotomy	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_LAB	LAB1	Does your practice have the ability to perform any of the following on site office #1/CHC location - Lab testing (not including urine dipstick, urine pregnancy, finger stick blood glucose, or rapid swab testing for infectious diseases)	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_LAB	LAB2	Does your practice have the ability to perform any of the following on site office #2/CHC location - Lab testing (not including urine dipstick, urine pregnancy, finger stick blood glucose, or rapid swab testing for infectious diseases)	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_LAB	LAB3	Does your practice have the ability to perform any of the following on site office #3/CHC location - Lab testing (not including urine dipstick, urine pregnancy, finger stick blood glucose, or rapid swab testing for infectious diseases)	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_LAB	LAB4	Does your practice have the ability to perform any of the following on site office #4/CHC location - Lab testing (not including urine dipstick, urine pregnancy, finger stick blood glucose, or rapid swab testing for infectious diseases)	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_LAB	LAB5	Does your practice have the ability to perform any of the following on site office #5/CHC location - Lab testing (not including urine dipstick, urine pregnancy, finger stick blood glucose, or rapid swab testing for infectious diseases)	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_SPIRO	SPIROM1	Does your practice have the ability to perform any of the following on site office #1/CHC location - Spirometry	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_SPIRO	SPIROM2	Does your practice have the ability to perform any of the following on site office #2/CHC location - Spirometry	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_SPIRO	SPIROM3	Does your practice have the ability to perform any of the following on site office #3/CHC location - Spirometry	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_SPIRO	SPIROM4	Does your practice have the ability to perform any of the following on site office #4/CHC location - Spirometry	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_SPIRO	SPIROM5	Does your practice have the ability to perform any of the following on site office #5/CHC location - Spirometry	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_ULTRA	ULTRSND1	Does your practice have the ability to perform any of the following on site office #1/CHC location - Ultrasound	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_ULTRA	ULTRSND2	Does your practice have the ability to perform any of the following on site office #2/CHC location - Ultrasound	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_ULTRA	ULTRSND3	Does your practice have the ability to perform any of the following on site office #3/CHC location - Ultrasound	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_ULTRA	ULTRSND4	Does your practice have the ability to perform any of the following on site office #4/CHC location - Ultrasound	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_ULTRA	ULTRSND5	Does your practice have the ability to perform any of the following on site office #5/CHC location - Ultrasound	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_XRAY	XRAY1	Does your practice have the ability to perform any of the following on site office #1/CHC location - X-ray	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_XRAY	XRAY2	Does your practice have the ability to perform any of the following on site office #2/CHC location - X-ray	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_XRAY	XRAY3	Does your practice have the ability to perform any of the following on site office #3/CHC location - X-ray	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_XRAY	XRAY4	Does your practice have the ability to perform any of the following on site office #4/CHC location - X-ray	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8="Don't know" -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCSOFFICES Instrument: derived from ONSITE_XRAY	XRAY5	Does your practice have the ability to perform any of the following on site office #5/CHC location - X-ray	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from PATEVEN	PATEVEN1	Do you see patients during the evening or on weekends at office #1/CHC location?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from PATEVEN	PATEVEN2	Do you see patients during the evening or on weekends at office #2/CHC location?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from PATEVEN	PATEVEN3	Do you see patients during the evening or on weekends at office #3/CHC location?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from PATEVEN	PATEVEN4	Do you see patients during the evening or on weekends at office #4/CHC location?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCSOFFICES Instrument: derived from PATEVEN	PATEVEN5	Do you see patients during the evening or on weekends at office #5/CHC location?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: WKHOURS	WKHOURS	During last normal week of practice, number of hours spent providing direct patient care (instrument range 0 to 99).	N	2	3	0-99='0-99/valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: NHVISWK	NHVISWK	During last normal week how many nursing home visits? (instrument range 0 to 998)	N	3	3	0-998='0-998/valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: HOMVISWK	HOMVISWK	During last normal week how many other home visits? (instrument range 0 to 998)	N	3	3	0-998='0-998/valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: HOSVISWK	HOSVISWK	During last normal week how many hospital visits?(instrument range 0 to 998)	N	3	3	0-998='0-998/valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: TELCONWK	TELCONWK	During last normal week how many telephone consults? (instrument range 0 to 998)	N	3	3	0-998='0-998/valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: ECONWK	ECONWK	During last normal week how many internet/e-mail consults? (instrument range 0 to 998)	N	3	3	0-998='0-998/valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
The following questions are about policies, services, and experiences related to sexually transmitted infections (STIs) and HIV Prevention. If non-CHC provider, asked of the office with the most visits, if CHC provider asked of the provider about the sampled CHC site						
Census dataset: NAMCS1 Instrument: STIADOLPOL	STIADOLPOL	Does the office/CHC location have a written policy that asks parents, relatives or guardians of an adolescent patient to leave the room during any part of the visit?	N	2	3	1='Yes' 2='No' -6 = 'Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: STIADOLPOL_ASK	STIADOLPOL_ASK	When does the office/CHC policy require that you ask the relatives/guardians of adolescent patients to leave the room during part of the visit?	N	2	3	1='Always' 2='Depending on the circumstance' -6 = 'Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument: STIEVAL	STIEVAL	Do you evaluate/treat patients with sexually transmitted infections in your office/CHC location?	N	2	3	1='Yes' 2='No' -6 = 'Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STINJABX1-STINJABX3	BENZATHINE	Which of the following injectables antibiotics are provided onsite for same-day treatment for patients diagnosed with gonorrhea or syphilis? --Benzathine penicillin G (bicillin) 2.4 million units IM	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STINJABX1-STINJABX3	CEFTRIAZONE	Which of the following injectables antibiotics are provided onsite for same-day treatment for patients diagnosed with gonorrhea or syphilis? --Ceftriaxone 250 mg IM	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STINJABX1-STINJABX3	OTHER_INJ	Which of the following injectables antibiotics are provided onsite for same-day treatment for patients diagnosed with gonorrhea or syphilis? --Other injectable cephalosporin	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STINJABX1-STINJABX3	NO_INJ	Which of the following injectables antibiotics are provided onsite for same-day treatment for patients diagnosed with gonorrhea or syphilis? --None of the above	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STINJABX1-STINJABX3	STINJABXUNK	Which of the following injectables antibiotics are provided onsite for same-day treatment for patients diagnosed with gonorrhea or syphilis? --Unknown	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STINJABX1-STINJABX3	STINJABXREF	Which of the following injectables antibiotics are provided onsite for same-day treatment for patients diagnosed with gonorrhea or syphilis? --Refused	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	DIPSTICK	For patients with vaginal discharge or urethritis, which of the following point-of-service test are conducted onsite? --Dipstick urinalysis	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	KOH	For patients with vaginal discharge or urethritis, which of the following point-of-service tests are conducted onsite? --KOH (whiff) test	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	PH	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? -- pH test	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	RAPID_BAC	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? -- Rapid Bacterial vaginosis test	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	RAPID_TRICH	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? -- Rapid Trichomonas test	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	STAINED_MICRO	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? -- Stained microscopy using either gram stain, methylene blue stain, or gentian violet stain	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	STANDARD_MICRO	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? -- Standard (unstained) microscopy of urine sediment	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	WET_MOUNT	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? -- Wet mount microscopy (wet prep)	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	NO_DIS_TEST	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? --None of the tests above	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	STIPOSTSTUNK	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? --Unknown	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from STIPOSTST1-STIPOSTST8	STIPOSTSTREF	For patients with vaginal discharge or urethritis, which of the following point-of-service tests does your office/CHC location provide onsite? --Refused	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	SUB_ABUSE	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Any substance abuse or injection drug use.	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	CONDOM_USE	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Condom use	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	HIV_STATUS	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --HIV status of their sex partners	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	NUM_PARTNERS	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Number of sex partners they have	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	PART_ORIEN	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Patients' sexual orientation or the sex of their sex partners	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	TYPES_SEX	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Types of sex that they have (vaginal, anal, oral)	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	NO_DOC	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --None of the above	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	STIRSKEVALUNK	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Unknown	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: derived from STIRSKEVAL1-STIRSKEVAL6	STIRSKEVALREF	STI and HIV-related risk assessment Do you document any of the following about your patient on at least annual basis? --Refused	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -9='All boxes are blank for this question' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Instrument: PRPHRD	PRPHRD	Have you heard of PrEP (pre-exposure prophylaxis) to prevent HIV infection?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: PRPEFF	PRPEFF	Do you agree that PrEP is effective for HIV prevention?	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRPRSB	PRPRSB	Do you agree that the use of PrEP will result in an increase in risky sexual behavior and sexually transmitted infections?	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRPDR	PRPDR	Do you agree that PrEP will lead to drug resistance if a patient gets infected while taking PrEP?	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRPAFF	PRPAFF	Do you agree that most patients will have difficulty affording PrEP regardless of their insurance status?	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRPADH	PRPADH	Do you agree that most patients will have difficulty adhering to daily dosing of PrEP?	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRPASK	PRPASK	One or more of my patients have asked for PrEP	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: PRPDEC	PRPDEC	One or more of my patients have declined PrEP	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRPRX	PRPRX	Have you prescribed PrEP?	N	2	3	1='Agree' 2='Disagree' -6='Refused to answer' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	NO_RISK	Why have you not prescribed PrEP? I do not have any patients at high risk of acquiring HIV infection	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	OUTSIDE_SCOPE	Why have you not prescribed PrEP? Prescribing PrEP is outside my scope of practice	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	NO_INFO	Why have you not prescribed PrEP? I do not have enough information about PrEP to prescribe it	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	UNCOMFORT	Why have you not prescribed PrEP? I am uncomfortable prescribing antiretroviral medications	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	REFER_PREP	Why have you not prescribed PrEP? I refer my patients to another provider or clinic for PrEP	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	NO_ASK	Why have you not prescribed PrEP? My patients have not asked for PrEP	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	PAT_DECLINE	Why have you not prescribed PrEP? I have offered PrEP to one or more of my patients but they have declined	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	PREP_NOEFF	Why have you not prescribed PrEP? PrEP is not effective for HIV prevention	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	INC_BEHAVIOR	Why have you not prescribed PrEP? PrEP use will cause an increase in risky sexual behavior and sexually-transmitted infections in my patients	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	DRUG_RESIST	Why have you not prescribed PrEP? PrEP will lead to drug resistance if my patients get infected while taking PrEP	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	AFFORD_PREP	Why have you not prescribed PrEP? My patients will have difficulty affording PrEP, regardless of their insurance status	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	ADHERE_DAILY	Why have you not prescribed PrEP? My patients will have difficulty adhering to daily dosing of PrEP	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	OTHER_PREP	Why have you not prescribed PrEP? Other	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	PRPWHYUNK	Why have you not prescribed PrEP? Unknown	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from PRPWHY1- PRPWHY13	PRPWHYREF	Why have you not prescribed PrEP? Refused	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7='Not applicable, skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Cultural Competence these two questions must be answered by the sampled physician/CHC provider						
Census dataset: NAMCS1 Instrument: CLASTRAIN	CLASTRAIN	Within the past 12 months, have you participated in any cultural competence training?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 Instrument: CLASKNOW	CLASKNOW	How familiar are you with the National Standards for Culturally and Linguistically Appropriate Services in Health and Health Care?	N	2	3	1='Never Heard of it' 2='Heard of it but do not know much about it' 3='Know something about it' 4='Very familiar with it' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Alcohol Screening questions are only administered to primary care providers and are to determine the extent to which alcohol screening and brief intervention (SBI) is being conducted within their practice						
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN1	How do you screen for alcohol misuse? Answer: I don't screen	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN2	How do you screen for alcohol misuse? Answer: T-ACE	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN3	How do you screen for alcohol misuse? Answer: TWEAK	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN4	How do you screen for alcohol misuse? Answer: CAGE	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN5	How do you screen for alcohol misuse? Answer: CRAFFT	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN6	How do you screen for alcohol misuse? Answer: AUDIT	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'

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Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN7	How do you screen for alcohol misuse? Answer: Ask number of drinks per occasion	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN8	How do you screen for alcohol misuse? Answer: Ask frequency of drinking	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN9	How do you screen for alcohol misuse? Answer: Ask binge question	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN10	How do you screen for alcohol misuse? Answer: I do not use a formal screening instrument	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREEN11	How do you screen for alcohol misuse? Answer: Other	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREENREF	How do you screen for alcohol misuse? Answer: Refused to answer question	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ALCSCREEN1 - ALCSCREEN11	ALCSCREENUNK	How do you screen for alcohol misuse? Answer: Unknown	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'

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Census dataset: NAMCS1 Instrument: ASCREENOFT	ASCREENOFT	How often do you screen for alcohol misuse?	N	2	3	1='At every health maintenance visit (annually)' 2='At every health care visit' 3='When I suspect a patient has a substance/alcohol-related problem' 4='Almost never or never' -6='Refused to answer' -7 = 'Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument: ASCREENADM	ASCREENADM	How are screening question(s) administered?	N	2	3	1='Interview (in person/face to face)' 2='Patient completes a form' 3='Electronic (self-administered)' 4='Other' -6='Refused to answer' -7 = 'Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank' -4 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: ASCREENWHO	ASCREENWHO	If patient is interviewed, who administers the screening?	N	2	3	1='Physician, nurse practitioner, physician assistant' 2='Nurse, excluding nurse practitioner' 3='Medical assistant' 4='Administrative staff' 5='Other' -6='Refused to answer' -7 = 'Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument: ABRFINTERV	ABRFINTERV	Among patients who screen positive for risky alcohol use, how often are brief interventions conducted?	N	2	3	1='Never' 2='Sometimes' 3='Often' 4='Always' -6='Refused to answer' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -8='Unknown' -9='Blank'

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Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE1	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Implementation guide for alcohol screening and intervention	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE2	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Training on how to conduct alcohol screening	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE3	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Training on how to conduct intervention	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE4	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Office-based mentoring	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE5	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Access to patient education materials	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE6	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Scripts on what to say to patients	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE7	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Information about reimbursement for services	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE8	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Information about where or how to refer for additional services	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9='All boxes are blank for this question'

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Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE9	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Other	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE9REF	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Refused to answer the question	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
Census dataset: NAMCS1 Instrument: derived from ARESOURCE1-ARESOURCE9	ARESOURCE9UNK	What resources would be helpful in implementing alcohol/substance screening and intervention in primary care settings? -- Unknown	N	2	3	0 = 'Box is not marked' 1 = 'Box is marked' -7 = 'Not applicable, not a primary care or MU/EHR provider not asked question' -9 = 'All boxes are blank for this question'
If non-CHC more than one office, asked of the office where most visit are seen.						
If CHC, questions answered by interviewee at the CHC site.						
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NUMPH	NUMPH	How many physicians, including you, are associated with this practice/CHC location? Please include physicians at of the office with most visits/CHC location, and physicians at any other locations of this practice.	N	2	3	1='1 physicians' 2='2-3 physicians' 3='4-10 physicians' 4='11-50 physicians' 5='51-100 physicians' 6='More than 100 physicians' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PCMH	PCMH	Is your practice/CHC location certified as a patient-centered medical home?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_AAAH	Is your practice/CHC location certified is as a patient-centered medical home? By whom--The Accreditation Association for Ambulatory Health (AAAH)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_JOINT	Is your practice/CHC location certified is as a patient-centered medical home? By whom--The Joint Commission	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_NCQA	Is your practice/CHC location certified is as a patient-centered medical home? By whom--The national Committee for Quality Assurance (NCQA)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NCQAlevel	NCQALEVEL	Is practice/CHC location is certified as a patient-centered medical home under National Committee for Quality Assurance (NCQA)-- What is the level of Certification for the National Committee for Quality Assurance (NCQA).	N	2	3	1='Level 1' 2='Level 2' 3='Level 3' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9 = 'Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_URAC	Is your practice/CHC location certified is as a patient-centered medical home? By whom--the Utilization Review Accreditation Commission (URAC)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_OTHER	Is your practice/CHC location certified is as a patient-centered medical home? By whom--other	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_UNK	Is your practice/CHC location certified is as a patient-centered medical home? By whom--unknown	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: Derived from CERT_WHO1 - CERT_WHO5	CERT_REF	Is your practice/CHC location certified is as a patient-centered medical home? By whom--refused to answer the question	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank for question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: QUAL	QUAL	Does your practice report any quality measures or quality indicators to either payers or to organizations that monitor health care quality?	N	2	3	1= 'Yes' 2= 'No' -6= 'Refused to answer' -8= 'Unknown' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
If non-CHC more than one office, asked of the office where most visit are seen.						

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If CHC, questions answered by interviewee at the CHC site.						
For the following questions: full-time is defined as 30 or more hours per week; part-time is defined as less than 30 hours per week. FRs were asked to include sampled provider in counts						
For the following questions: if data > 40 and <= 98 data was capped at 40, if data >= 99 set to blank (-9)						
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: MD_DO_FT	MD_DO_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time physicians (include MDs and Dos)	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: MD_DO_PT	MD_DO_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time physicians (MD or DO)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PA_FT	PA_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Physician Assistants (PA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PA_PT	PA_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Physician Assistants (PA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NP_FT	NP_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Nurse Practitioner (NP)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NP_PT	NP_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Nurse Practitioner (NP)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNM_FT	CNM_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Certified Nurse Midwife(CNM)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNM_PT	CNM_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Certified Nurse Midwife(CNM)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNS_FT	CNS_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Certified Nurse Specialist(CNS)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNS_PT	CNS_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Certified Nurse Specialist(CNS)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NA_FT	NA_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Nurse Anesthetists(NA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NA_PT	NA_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Nurse Anesthetists(NA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: RN_FT	RN_FT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Registered Nurse (RN) (not an NP or CNM)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: RN_PT	RN_PT	How many of the following full-time and part-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Registered Nurse (RN) (not an NP or CNM)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: LPN_FT	LPN_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Licensed Practical Nurse(LP)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: LPN_PT	LPN_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Licensed Practical Nurse(LPN)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNA_FT	CNA_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Certified Nursing Assistant/Aide (CNA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNA_PT	CNA_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Certified Nursing Assistant/Aide (CNA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: MA_FT	MA_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Medical Assistant(MA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: MA_PT	MA_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Medical Assistant(MA)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: RT_FT	RT_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Radiology Technician(RT)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: RT_PT	RT_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Radiology Technician(RT)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: LT_FT	LT_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Laboratory Technician(LT)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: LT_PT	LT_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Laboratory Technician(LT)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PT_FT	PT_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Physical Therapist(PT)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PT_PT	PT_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Physical Therapist(PT)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PH_FT	PH_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Pharmacist(PH)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PH_PT	PH_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Pharmacist(PH)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: DN_FT	DN_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Dietitian/Nutritionist(DN)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: DN_PT	DN_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Dietitian/Nutritionist(DN)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: MH_FT	MH_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Mental Health Provider(MH)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: MH_FT	MH_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Mental Health Provider(MH)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: HEC_FT	HEC_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Health Educator/ Counselor (HEC)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: HEC_PT	HEC_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Health Educator/ Counselor (HEC)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CSW_FT	CSW_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Case Manager (not an RN)/Certified Social Worker (CSW)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CSW_PT	CSW_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Case Manager (not an RN)/Certified Social Worker (CSW)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CHW_FT	CHW_FT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Full-time Community Health Worker (CHW)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CHW_PT	CHW_PT	How many of the following full-time providers are on staff at the office location/CHC location where you have the most office visits? Part-time Community Health Worker (CHW)?	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PA_LOG	PA_LOG	Do the PA's patients have a separate log from your patients?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PA_BILL	PA_BILL	Do/does the PA(s) bill for services using their own NPI number?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NP_LOG	NP_LOG	Do the NP's patients have a separate log from your patients?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NP_BILL	NP_BILL	Do/does the NP(s) bill for services using their own NPI number?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNM_LOG	CNM_LOG	Do the CNM's patients have a separate log from your patients?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNM_BILL	CNM_BILL	Do/does the CNM(s) bill for services using their own NPI number?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNS_LOG	CNS_LOG	Do the CNS' patients have a separate log from your patients?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: CNS_BILL	CNS_BILL	Do/does the CNS(s) bill for services using their own NPI number?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NA_LOG	NA_LOG	Do the CRNA's patients have a separate log from your patients?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: NA_BILL	NA_BILL	Do/does the CRNA(s) bill for services using their own NPI number?	N	2	3	1= 'Yes, always' 2= 'Yes, sometimes' 3= 'No' 4= 'Unknown/ Not applicable' -6= 'Refused to answer' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
If non-CHC more than one office, asked of the office where most visit are seen.						
If CHC, questions answered by interviewee at the CHC site.						

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: EBILLREC	EBILLREC	Does the reporting location/CHC reporting location submit <u>any</u> claims electronically (electronic billing)?	N	2	3	1='Yes' 2='No' -6= 'Refused to answer' -8= 'Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: EMEDREC	EMEDREC	Does the reporting location/CHC reporting location <u>use</u> an electronic health record (EHR)? Do not include billing record systems.	N	2	3	1='Yes, all electronic' 2='Yes, part paper and part electronic' 3='No' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: EHRINSYR	EHRINSYR	In which year did you/the CHC install your EHR system?	N	4	4	1970-2017='Valid range' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: HHSMU	HHSMU	Does your/CHC's current system meet meaningful use criteria as defined by the Department of Health and Human Services?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: EMRINS	EMRINS	At the reporting location, are there plans for installing a new EHR system within the next 18 months?	N	2	3	1='Yes' 2='No' 3='Maybe' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Analysis across years should use the variable ending with R. Please note answer categories changed slightly starting in 2016 and now have a single yes response. In previous years, 1=Yes and 4=Yes, but turned off/not used. If trending across years, these two categories should be combined to match 2016 categories.						
If non-CHC more than one office, asked of the office where most visit are seen.						
If CHC, questions answered by interviewee at the CHC site.						

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EDEMOG	EDEMOGR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Recording patient history and demographic information?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EPROLST	EPROLSTR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Recording patient problem list?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EPNOTES	EPNOTESR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Recording clinical notes?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EMEDALG	EMEDALGR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Recording patient's medications and allergies?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EMEDID	EMEDIDR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Reconciling lists of patients medications to identify the most accurate list?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EREMIND	EREMINDR	Please indicate whether the ambulatory reporting location <u>has</u> each of the following <u>computerized capabilities</u> . Providing reminders for guideline-based interventions or screening tests?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ECPOE	ECPOER	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Ordering prescriptions?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ESCRIP	ESCRIPR	If computerized orders for prescriptions are included, are prescriptions sent electronically to the pharmacy?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable skip pattern or MU/EHR provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EWARNR	EWARNR	If computerized orders for prescriptions are included, are there warnings of drug interactions or contraindications provided?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable skip pattern or MU/EHR provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ECONTRSUB	ECONTR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Do you prescribe controlled substances?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ECONTSCRIPR	ECONTSCRIPR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> (if controlled substances are indicated). Are prescription for controlled substances sent electronically to the pharmacy?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable skip pattern or MU/EHR provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ECTOER	ECTOER	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Ordering lab tests?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ERESULT	ERESULTR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Viewing lab results?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ERADIR	ERADIR	Please indicate whether the ambulatory reporting location/CHC location has each of the following computerized capabilities: ordering radiology tests?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EIMGRES	EIMGRESR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Viewing imaging results?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EIDPT	EIDPTR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Identifying patients due for preventive or follow-up care?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EGENLIST	EGENLISTR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Providing data to generate lists of patients with particular health conditions?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EDATAREP	EDATAREPR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Providing data to create reports on clinical care measures for patients with specific chronic conditions (e.g. HbA1c for diabetes)?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ESUM	ESUMR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Providing patients with clinical summaries for each visit?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: EMSGR	EMSGR	Please indicate whether the ambulatory reporting location/CHC location <u>has</u> each of the following <u>computerized capabilities</u> . Exchanging secure messages with patients?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: REFOUT	REFOUT	Do you refer patients to providers outside of your office or group/of the CHC?	N	2	3	1 = 'Yes' 2 = 'No' -6 = 'Refused to answer' -8 = 'Unknown' -9 = 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFOUHOW1-REFOUHOW2	REF_ELE	How do you send patient health information? Electronic does not include scanned or PDF documents,fax, eFax. Electronically (EHR, web portal, or online registries)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFOUHOW1-REFOUHOW2	REF_PAPER	How do you send patient health information? Electronic does not include scanned or PDF documents,fax, eFax. Via paper-based methods (Fax, eFax, or mail)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFOUHOW1-REFOUHOW2	NO_REF	How do you send patient health information? Electronic does not include scanned or PDF documents,fax, eFax. We do not send any patient health information to providers outside of our office or group	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFOUHOW1-REFOUHOW2	REFOUHOWUNK	How do you send patient health information? Electronic does not include scanned or PDF documents,fax, eFax. Unknown	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFOUHOW1-REFOUHOW2	REFOUHOWREF	How do you send patient health information? Electronic does not include scanned or PDF documents,fax, eFax. Refused	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: REFIN	REFIN	Do you see any patients from providers outside of your office or group/outside of CHC?	N	2	3	1= 'Yes' 2= 'No' -6= 'Refused to answer' -8= 'Unknown' -9= 'Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFINHOW1-REFINHOW2	REC_ELE	How do you receive patient health information from them? Electronic does not include scanned or PDF documents,fax, eFax. Electronically (EHR, web portal, or online registries)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFINHOW1-REFINHOW2	REC_PAPER	How do you receive patient health information from them? Electronic does not include scanned or PDF documents,fax, eFax. Via paper-based methods (Fax, eFax, or mail)	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFINHOW1-REFINHOW2	NO_REC	How do you receive patient health information from them? Electronic does not include scanned or PDF documents,fax, eFax. We do not receive any patient health information to providers outside of our office or group	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFINHOW1-REFINHOW2	REFINHOWUNK	How do you receive patient health information from them? Electronic does not include scanned or PDF documents,fax, eFax. Unknown	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from REFINHOW1-REFINHOW2	REFINHOWREF	How do you receive patient health information from them? Electronic does not include scanned or PDF documents,fax, eFax. Refused	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='All boxes are blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ESHARE	ESHARE	Do you send or receive patient health information electronically? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ESHARES	ESHARES	Do you electronically send patient health information to another provider whose EHR system is <u>different</u> from your own?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ESHARER	ESHARER	Do you electronically receive patient health information from another provider whose EHR system is <u>different</u> from your own?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EDISCHSR1-EDISCHR2	DISCHSR_SEND	Do you electronically send or receive hospital discharge summaries to or from providers outside of your medical organization/the CHC? --Send electronically	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EDISCHSR1-EDISCHR2	DISCHSR_REC	Do you electronically send or receive hospital discharge summaries to or from providers outside of your medical organization/the CHC? --Receive electronically	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EDISCHSR1-EDISCHR2	DISCHSR_NO	Do you electronically send or receive hospital discharge summaries to or from providers outside of your medical organization/the CHC? --Do not send or receive	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EDISCHSR1-EDISCHR2	DISCHSR_UNK	Do you electronically send or receive hospital discharge summaries to or from providers outside of your medical organization/the CHC? --Unknown	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EDISCHSR1-EDISCHR2	DISCHSR_REF	Do you electronically send or receive hospital discharge summaries to or from providers outside of your medical organization/the CHC? --Refused	N	2	3	0='Box is not marked' 1='Box is marked' -7='Not applicable skip pattern or MU/EHR provider not asked question' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EEDSR1-EEDSR2	EEDSR_SEND	Do you electronically send or receive emergency department notifications to or from providers outside of your medical organization/the CHC? --Send electronically	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EEDSR1-EEDSR2	EEDSR_REC	Do you electronically send or receive emergency department notifications to or from providers outside of your medical organization/the CHC? --Receive electronically	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EEDSR1-EEDSR2	EEDSR_NO	Do you electronically send or receive emergency department notifications to or from providers outside of your medical organization/the CHC? --Do not send or receive	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EEDSR1-EEDSR2	EEDSR_UNK	Do you electronically send or receive emergency department notifications to or from providers outside of your medical organization/the CHC? --Unknown	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from EEDSR1-EEDSR2	EEDSR_REF	Do you electronically send or receive emergency department notifications to or from providers outside of your medical organization/the CHC? --Refused	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from ESUMCSR1-2	ESUMCSR_SEND	Do you electronically send or receive summary of care records for transitions of care or referrals to or from providers outside of your medical organization/the CHC? --Send electronically	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from ESUMCSR1-2	ESUMCSR_REC	Do you electronically send or receive summary of care records for transitions of care or referrals to or from providers outside of your medical organization/the CHC? --Receive electronically	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from ESUMCSR1-2	ESUMCSR_NO	Do you electronically send or receive summary of care records for transitions of care or referrals to or from providers outside of your medical organization/the CHC? --Do not send or receive	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from ESUMCSR1-2	ESUMCSR_UNK	Do you electronically send or receive summary of care records for transitions of care or referrals to or from providers outside of your medical organization/the CHC? --Unknown	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from ESUMCSR1-2	ESUMCSR_REF	Do you electronically send or receive summary of care records for transitions of care or referrals to or from providers outside of your medical organization/the CHC? --Refused	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_VIEW	Can patients seen at the reporting location/CHC do the following online activities? --View their medical record online	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_DOWN	Can patients seen at the reporting location/CHC do the following online activities? -- Download and transmit health information in the electronic medical record to their personal files	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_REQ	Can patients seen at the reporting location/CHC do the following online activities? --Request corrections to their electronic medical record	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_ENTER	Can patients seen at the reporting location/CHC do the following online activities? --Enter their health information online (e.g. weight, symptoms)	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_UPLOAD	Can patients seen at the reporting location/CHC do the following online activities? --Upload their data from self-monitoring devices(e.g. blood glucose readings)	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_NO	Can patients seen at the reporting location/CHC do the following online activities? --None of the above	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_UNK	Can patients seen at the reporting location/CHC do the following online activities? --Refused	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from PTONLINE1-5	PTONLINE_REF	Can patients seen at the reporting location/CHC do the following online activities? --Unknown	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item is blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
If non-CHC questions refer to all offices.						
If CHC, these questions were not asked of the provider						
Census dataset: NAMCS1 Instrument- Provider: PRMCARE	PRMCARE	Percent of practice/CHC revenue from Medicare. (Instrument range 0 to 100) - edited	N	3	3	0-100='Valid range' -6='Refused to answer' -7='Not applicable MU/EHR provider not asked question ' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument- Provider: PRMAID	PRMAID	Percent of practice/CHC revenue from Medicaid. (Instrument range 0 to 100) - edited	N	3	3	0-100='Valid range' -6='Refused to answer' -7='Not applicable MU/EHR provider not asked question ' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument- Provider: PRPRVT	PRPRVT	Percent of practice/CHC revenue from private insurance. (Instrument range 0 to 100) - edited	N	3	3	0-100='Valid range' -6='Refused to answer' -7='Not applicable MU/EHR provider not asked question ' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument- Provider: PRPATPAY	PRPATPAY	Percent of practice/CHC revenue from patient payments. (Instrument range 0 to 100) - edited	N	3	3	0-100='Valid range' -6='Refused to answer' -7='Not applicable MU/EHR provider not asked question ' -8='Unknown' -9='Blank'
Census dataset: NAMCS1 Instrument- Provider: PROTH	PROTH	Percent of practice/CHC revenue from other. (Instrument range 0 to 100) - edited	N	3	3	0-100='Valid range' -6='Refused to answer' -7='Not applicable MU/EHR provider not asked question ' -8='Unknown' -9='Blank'
If non-CHC questions refer to all offices.						
If CHC, questions answered by interviewee at the CHC site.						
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: PCTRVMAN	PCTRVMAN	Roughly, what percent of patient care revenue from managed care contracts received by this practice/CHC. (Instrument range 0 to 100) - edited	N	3	3	0-100='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: REVFFS	REVFFS	Roughly, what percent of your/this CHCs patient care revenue comes from each of the following methods of payment -- fee-for-service? (Instrument range 0 to 100) - edited	N	3	3	0-100='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: REVCAP	REVCAP	Roughly, what percent of your/this CHCs patient care revenue comes from each of the following methods of payment – capitation? (Instrument range 0 to 100) - edited	N	3	3	0-100='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: REVCASE	REVCASE	Roughly, what percent of your/this CHCs patient care revenue comes from each of the following methods of payment – case rates (e.g., package pricing/episode of care)? (Instrument range 0 to 100) - edited	N	3	3	0-100='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: REVOTHER	REVOTHER	Roughly, what percent of your/this CHCs patient care revenue comes from each of the following methods of payment – other? (Instrument range 0 to 100) - edited	N	3	3	0-100='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: ACCEPTNEW	ACCEPTNEW	Are you currently accepting new patients in your practice(s)/CHC?	N	2	3	0-100='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: CAPITATE	CAPITATE	From those "new" patients, which types of payment accepted? Capitated Private Insurance	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8="Don't Know" -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: NOCAP	NOCAP	From those "new" patients, which types of payment accepted? -Non-capitated private insurance	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8="Don't Know" -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from CAPITATE & NOCAP	PRIVATE	From those "new" patients, which types of payment accepted? - Private insurance	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8="Don't Know" -9='Blank'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: NMEDICARE	NMEDCARE	From those "new" patients, which types of payment accepted? -Medicare	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Don't Know' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: NMEDICAID	NMEDCAID	From those "new" patients, which types of payment accepted? -Medicaid/CHIP	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Don't Know' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: NWORKCMP	NWORKCMP	From those "new" patients, which types of payment accepted? -Workers compensation	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Don't Know' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: NSELPAY	NSELPAY	From those "new" patients, which types of payment accepted? -Self-pay	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Don't Know' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: NNOCHARGE	NNOCHARGE	From those "new" patients, which types of payment accepted? -No charge	N	2	3	1='Yes' 2='No' -6='Refused to answer' -7='Not applicable skip pattern or MU/EHR provider not asked question' -8='Don't Know' -9='Blank'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: PHYSCOMP	PHYSCOMP	Which of the following methods best describes your basic compensation?	N	2	3	1='Fixed salary' 2='Share of practice billings or workload' 3='Mix of salary and share of billings or other measures of performance(e.g., your own billings, practice financial performance, quality measures, practice profiling)' 4='Shift, hourly or other time-based payment' 5='Other' -6='Refused to answer' -8='Don't Know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from COMP1:COMP5	COMPPROD	Factor explicitly considered in determining provider compensation: factors that reflect your own productivity	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from COMP1:COMP5	COMPSAT	Factor explicitly considered in determining provider compensation: results of satisfaction surveys from your own patients	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from COMP1:COMP5	COMPQUAL	Factor explicitly considered in determining provider compensation: specific measures of quality, such as rates of preventive services for your patients	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from COMP1:COMP5	COMPDROF	Factor explicitly considered in determining provider compensation: results of practice/CHC profiling, that is, comparing your pattern of using medical resources with that of other physicians	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: derived from COMP1:COMP5	COMPFIN	Factor explicitly considered in determining provider compensation: the overall financial performance of the practice	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Instrument- Provider & CHC site: Derived COMP1:COMP5	COMPUNK	Factor explicitly considered in determining provider compensation: unknown	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: Derived COMP1:COMP5	COMPREF	Factor explicitly considered in determining provider compensation: refused to answer question	N	2	3	0='Box is not marked' 1='Box is marked' -9='Entire item blank for question' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: SASDAPPT	SASDAPPT	Does your practice/CHC reporting location set time aside for same day appointments?	N	2	3	1='Yes' 2='No' -6='Refused to answer' -8='Don't Know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: SDAPPT	SDAPPTPCT	Roughly, what percent of your daily visits are same day appointments? (Instrument range 0 to 100) If a CHC provider, this question is answered by the provider	N	3	3	0-100='Valid range' -6='Refused to answer' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Census dataset: NAMCS1 & NAMCS201 Instrument- Provider & CHC site: APPTIME	APPTIME	On average, about how long does it take to get an appointment for a routine medical exam at your practice/CHC reporting location?	N	2	3	1='Within 1 week' 2='1-2 weeks' 3='3-4 weeks' 4='1-2 months' 5='3 or more months' 6='Do not provide routine exams' -6='Refused to answer' -8='Don't Know' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census dataset: NAMCS1 Instrument: PRVYEAR	PRVYEAR	Provider demographics - Year of birth (only asked of CHC providers) (instrument range 1910 to 3000) - not edited	N	4	4	1910-1929='1910-1929' 1930-1949='1930-1949' 1950-1969='1950-1969' 1970-1989='1970-1989' 1990-1997='1990-1997' 1998- 2017='1998-2017' -6='Refused to answer' -7='Not applicable, traditional MU/EHR provider' -8='Don't Know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRVSEX	PRVSEX	Provider demographics - Sex (only asked of CHC providers). Different from what shows on instrument, recoded at NCHS to match previous year data.	N	2	3	1='Male' 2='Female' -7='Not applicable, traditional MU/EHR provider' -9='Blank'
Census dataset: NAMCS1 Instrument: PRVDEGR	PRVDEGR	What is the provider's highest medical degree (only asked of CHC providers)?	N	2	3	1='MD' 2='DO' 3='Nurse practitioner' 4='Physician assistant' 5='Nurse midwife' 6='Other' -7='Not applicable, traditional MU/EHR provider' -9='Blank'
Census dataset: NAMCS1 Instrument: PRVYRGRD	PRVYRGRD	What year did the provider graduate medical school (only asked of CHC doctors)? (Instrument range 1945 to 2016)	N	4	4	1945-2016='Valid range' -7 = 'Not applicable, traditional MU/EHR provider or midlevel provider' -8='Don't know' -9='Blank'
Census dataset: NAMCS1 Instrument: PRVFMS	PRVFMS	Did the provider graduate from a foreign medical school (only asked of CHC doctors)?	N	2	3	1='Yes' 2='No' -7='Not applicable, traditional MU/EHR provider or midlevel provider' -8='Don't know' -9='Blank'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Derived from: OUTCOME at NCHS	REASON	Reason for not participating	N	2	3	1='Refused/Breakoff' 2='Non-office based' 3='Sees no ambulatory patients' 4='Retired' 5='Deceased' 6='Temporarily not practicing' 7='Can't locate' 8='Not licensed' 9='Moved out of U.S.A' 10='Other out-of-scope' 11='Unavailable during reporting period' 12='Moved out of PSU' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	FEDEMP	Reason ineligible or out of scope-- Federally employed.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	RADANPAT	Reason ineligible or out of scope-- Radiology, anesthesiology or pathology specialist.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	ADMIN	Reason ineligible or out of scope-- Administrator.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	INSTITUT	Reason ineligible or out of scope-- Work in institutional setting.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	HOSPEMER	Reason ineligible or out of scope-- Work in hospital ED, OPD or community health center.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	INDUSTRY	Reason ineligible or out of scope-- Work in industrial setting.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	SURGICNTR	Reason ineligible or out of scope-- Work ambulatory surgicenter.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	LASERVIS	Reason ineligible or out of scope-- Work in laser vision surgery.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	OTHRINEL	Reason ineligible or out of scope-- Other.	N	1	3	0='Box is not marked' 1='Box is marked' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census file: NAMCS1 Instrument: REFPOINT	REFPOINT	At what point in the interview did the refusal/break-off occur?	N	2	3	1='During telephone screening' 2='During induction interview' 3='After induction but prior to assigned reporting days' 4='At reminder call' 5='During assigned reporting days or mid-week calls' 6='At follow-up contact' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census file: NAMCS1 Instrument: WHOREFUS	WHOREFUS	Who refused?	N	2	3	1='Sampled provider' 2='Sampled provider through nurse' 3='Nurse/Secretary' 4='Receptionist' 5='Office Manager/Administrator' 6='Other office staff - specify' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'
Census file: NAMCS1 Instrument: CONVERS	CONVERS	Conversion attempt result.	N	2	3	1='No conversion attempt' 2='Sampled provider refused' 3='Sampled provider agreed to see Field Representative' -9='Blank' -7 = 'Not applicable MU/EHR record, provider not asked question'

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Derived from abstracted data and MU data	FINAL_CMB_WGT	Final Disposition combining abstracted and MU dispositions. FINAL & FINAL_MU, used for creation of estimates and response rates for combined file only.	N	2	3	0 = 'Inscope / NAMCS-1 (induction interview) respondent / PRF refusal' 1 = 'Inscope / NAMCS-1 (induction interview) respondent / Completed PRFs' 2 = 'Out-of-scope' 3 = 'Inscope / NAMCS-1 (induction interview) refusal, non respondent /did not submit PRFs' 4 = 'Inscope / NAMCS-1 (induction interview) respondent / Unavailable in reporting week' 6 = "Out-of-scope / Can't locate" 10='Out-of-scope/Traditional physician in only CHC office(s)' 12='Out-of-scope/CHC provider only in non-CHC office(s)' 14='Inscope CHC provider treat as unavailable, submitted PRFs but do not know the PRF site address' 20 = 'Inscope / NAMCS-1 (MU induction interview) respondent / encounter refusal' 21 = 'Inscope / NAMCS-1 (MU induction interview) respondent / Completed encounters' 23 = 'Inscope/ NAMCS-1 (MU induction interview) non respondent / did not submit encounters' 24 = 'Inscope / NAMCS-1 (MU induction interview) respondent / Unavailable in reporting week' 27 = 'Unknown eligibility status (for those for whom we do not have sufficient information to classify otherwise and those who left their organization by time we contacted their organizations)'
Derived from: NUMVIS1 updated by editing.	NUMVIS	Number of patient visits during reporting week -edited. If data was missing, derived from hierarchy (started in 2012) using NUMPRFS, LNDOT, ESTTOTVS AND TE, for details see TSB. Or estimation specs; NUMVIS _j for traditional, NUMVIS _{2j} for CHC providers.	N	3	3	0-998='valid range' -9='Blank'
Derived from NUMDAYS1 updated by editing at NCHS	NUMDAYS	Actual number of days patients seen - edited. Started in 2012, much of NUMDAYS was blank. If blank derived from ESTDAYS.	N	2	3	0-7='valid range' -9='Blank'
Census file: NAMCS1 Instrument: NUMPRFS1	NUMPRFS	Number of PRF's completed.	N	3	3	0-999='valid range' -9 = 'Blank'
RECODED AND CREATED VARIABLES						
Derived from MU Sample list	MU_SAMPLE	Is provider from MU sample or abstracted?	N	2	3	0='Abstracted doctor' 1='MU doctor asked to participate' 2='MU doctor, not asked to participate' -7='Not-applicable, CHC provider'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Recoded from SPEC	PROSTRUP	Numeric specialty updated at time of interview for in-scope providers (DOs in own stratum).	N	2	3	1='General/Family practice' 2='DO' 3='Internal Medicine' 4='Pediatrics' 5='General Surgery' 6='Obstetrics & Gynecology' 7='Orthopedic Surgery' 8='Cardiovascular Diseases' 9='Dermatology' 10='Urology' 11='Psychiatry' 12='Neurology' 13='Ophthalmology' 14='Otolaryngology' 15='Other specialties' 17='Indian Health Service CHC-Urban' 18='CHC' 99='Mid-level provider'
Recoded from SPEC	SPECRDET	Numeric specialty updated at time of interview for in-scope providers (DOs dispersed) with one decimal place. Integer represents the specialty group, decimal represents the speccat category. The allocation of specialties into numeric groups changed in 2012.	N	2.1	8	1.1='General/Family practice-primary care' 3.1='Internal medicine-primary care' 4.1='Pediatrics-primary care' 4.3='Pediatrics-medical' 5.2='General surgery-surgical' 6.1='Obstetrics & Gynecology-primary care' 6.2='Obstetrics & Gynecology-surgical' 7.2='Orthopedic Surgery-surgical' 8.3='Cardiovascular Diseases-medical' 9.3='Dermatology-medical' 10.2='Urology-surgical' 11.3='Psychiatry-medical' 12.3='Neurology-medical' 13.2='Ophthalmology-surgical' 14.2='Otolaryngology-surgical' 15.2='Other specialties-surgical' 15.3='Other specialties-medical' 99='Mid-level provider'

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Recoded from SPEC	SPECR	Numeric specialty updated at time of interview for inscope providers (DOs dispersed) (integer value of SPECRDET).	N	2	3	1='General/Family practice' 3='Internal Medicine' 4='Pediatrics' 5='General Surgery' 6='Obstetrics & Gynecology' 7='Orthopedic Surgery' 8='Cardiovascular Diseases' 9='Dermatology' 10='Urology' 11='Psychiatry' 12='Neurology' 13='Ophthalmology' 14='Otolaryngology' 15='Other specialties' 99='Mid-level provider'
Recoded from SPECRDET	SPECCAT	Physician/provider specialty type at time of interview, this is derived from SPECRDET and changed in 2012.	N	1	3	1='Primary care specialty' 2='Surgical specialty' 3='Medical specialty' 4='Mid level provider'
Recode of SPECCAT	PRIMSTRAT	Physician/provider primary care type at time of interview	N	1	3	1='Primary care specialty' 2='Not primary care specialty'
Created: from sample file; for CHC providers from PRVDEGR	MDDO	Type of doctor (MD/DO) as sampled, updated at interview for CHC providers	N	1	3	1='MD' 2='DO' 3='Midlevel provider'
Created: SCOPE1 to SCOPE5	NUMOFF	Total number of offices listed in the instrument table where physicians expected to see patients during the sample week. This includes both in-scope & out-of-scope offices.	N	2	3	1-5='valid range' -9='No offices reported'
Created: SCOPE1 to SCOPE5	NUMOFFIN	Total number of offices listed in the instrument table where physicians expected to see patients during the sample week. This only includes in-scope offices.	N	2	3	1-5='valid range' -9='No offices in-scope'
Derived from Visit file	LNDOT	Count of PRFs per doctor in visit file after reconciliation	N	3	3	001-998='valid range' -9 = 'Blank'

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Instrument: Derived from OFFTYP1A, OFFTYP1B, OFFTYP1C	TYPEOFF1	One type of office specified (office #1)	N	2	3	1='Private solo or group practice' 2='Hospital emergency department' 3='Freestanding clinic/urgicenter' 4='Hospital outpatient department' 5='CHC (e.g. FQHC or look alikes)' 6='Ambulatory surgicenter' 7='Mental health center' 8='Institutional setting' 9='Non-federal Government clinic' 10='Industrial outpatient facility' 11='Family planning clinic' 12='Federal Government operated clinic' 13='Health maintenance organization or other prepaid practice' 14='Laser vision surgery' 15='Faculty practice plan' -9='No number is circled'
Recoded: TYPEOFF1	RETYOFF1	Recoded office type #1	N	2	3	1='Private solo or group practice' 2='Free-standing clinics / urgicenter' 3='CHC (e.g. FQHC or look alikes)' 4='Mental health center' 5='Non-federal government clinic' 6='Family planning clinic' 7='HMO or other prepaid practice' 8='Faculty Practice Plan' 9='other' -9='No number is circled'
Instrument: Derived from OFFTYP2A, OFFTYP2B, OFFTYP2C	TYPEOFF2	One type of office specified (office #2)	N	2	3	SEE FORMAT FOR TYPEOFF1
Recoded: TYPEOFF2	RETYOFF2	Recoded office type #2	N	2	3	SEE FORMAT FOR RETYOFF1
Instrument: Derived from OFFTYP3A, OFFTYP3B, OFFTYP3C	TYPEOFF3	One type of office specified (office #3)	N	2	3	SEE FORMAT FOR TYPEOFF1
Recoded: TYPEOFF3	RETYOFF3	Recoded office type #3	N	2	3	SEE FORMAT FOR RETYOFF1
Instrument: Derived from OFFTYP4A, OFFTYP4B, OFFTYP4C	TYPEOFF4	One type of office specified (office #4)	N	2	3	SEE FORMAT FOR TYPEOFF1
Recoded: TYPEOFF4	RETYOFF4	Recoded office type	N	2	3	SEE FORMAT FOR RETYOFF1
Instrument: Derived from OFFTYP5A, OFFTYP5B, OFFTYP5C	TYPEOFF5	One type of office specified (office #5)	N	2	3	SEE FORMAT FOR TYPEOFF1
Recoded: TYPEOFF4	RETYOFF5	Recoded office type	N	2	3	SEE FORMAT FOR RETYOFF1

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Recorded: SOLO1-MULTI1	MULTIR1	Recorded Solo and Multi variables	N	2	3	1 ='Single-specialty practice' 2 ='Multi-specialty practice' 3 ='Solo practice' -8='Unknown' -7 = 'Not applicable MU/EHR record, provider not asked question'
Recorded: SOLO2-MULTI2	MULTIR2	Recorded Solo and Multi variables	N	2	3	1 ='Single-specialty practice' 2 ='Multi-specialty practice' 3 ='Solo practice' -8='Unknown' -7 = 'Not applicable MU/EHR record, provider not asked question'
Recorded: SOLO3-MULTI3	MULTIR3	Recorded Solo and Multi variables	N	2	3	1 ='Single-specialty practice' 2 ='Multi-specialty practice' 3 ='Solo practice' -8='Unknown' -7 = 'Not applicable MU/EHR record, provider not asked question'
Recorded: SOLO4-MULTI4	MULTIR4	Recorded Solo and Multi variables	N	2	3	1 ='Single-specialty practice' 2 ='Multi-specialty practice' 3 ='Solo practice' -8='Unknown' -7 = 'Not applicable MU/EHR record, provider not asked question'
Recorded: SOLO5-MULTI5	MULTIR5	Recorded Solo and Multi variables	N	2	3	1 ='Single-specialty practice' 2 ='Multi-specialty practice' 3 ='Solo practice' -8='Unknown' -7 = 'Not applicable MU/EHR record, provider not asked question'
Created: PIIZIP and ZIPPHYS	ZIPPHY	Physician's zip code updated, interview. If (PIIZIP) is not blank then use. Otherwise, use (ZIPPHYS)	C	5	5	'01001'-'99950'='valid range'
Created: ZIPPHY	FIPSST	Interview State FIPS code, not to be used for state level analysis. On file as reference only.	C	2	2	'01'-'56'='valid range'
Created: ZIPPHY	FIPSCNY	Interview County FIPS code, coincides with FIPSST, not to be used in state level analysis. For reference only.	C	3	3	'001'-'999'='valid range'
Sample File; updated by zip if physician moved	REGION	Region of the Physicians Interview office	N	1	3	1='NE' 2='MW' 3='S' 4='W'

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Created from fips state code of office where most PRFs were taken where final = 1, otherwise same as REGION	REGIONOFF	Region of where most of the PRFs were taken.	N	1	3	1='NE' 2='MW' 3='S' 4='W' -7 = 'Not applicable MU/EHR data'
Recoded from Physician sample file, updated to interview	MSA	Interview metropolitan Status (2 categories) for provider zip code - based on 2010 Census data	N	1	3	1='MSA' 2='non-MSA'
Recoded from Physician sample file, updated to interview	METRSTAT	Interview metropolitan Status (3 categories) for provider zip code-based on 2010 Census data	N	1	3	1='Metropolitan' 2='Micropolitan' 3='Non-metropolitan (neither)'
Derived from MAX(ESTVIS) & OTHPHY1 to OTHPHY5	SIZE	Size of practice based on office with MAX ESTVIS	N	2	3	1='Solo based practice' 2-98='Number of physicians in practice' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from imputation	SIZEFL	Was SIZE imputed?	N	1	3	0=' Not imputed' 1=' Imputed' -7 = 'Not applicable MU/EHR data'
Recoded from SIZE	PRACTSIZ	Size of practice grouped based on SIZE	N	2	3	1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11+ physicians' -9='Blank' -7 = 'Not applicable MU/EHR data'
Recoded from SIZE and MULTI1 to MULTI5	TYPE	Type of practice	N	1	3	1='Solo and single specialty office' 2='Multi-specialty' 3='Missing' -7 = 'Not applicable MU/EHR data'
Derived from MAX(ESTVIS) and OWNS1 to OWNS5	OWNS	Ownership of practice, based on office with MAX ESTVIS	N	2	3	1='Physician or physician group' 2='HMO' 3='Community Health Center' 4='Medical academic Health center' 5='Other hospital' 6='Other health care corporation' 7='Other' -6='Refused to answer' -8='Unknown' -9='No box is marked' -7 = 'Not applicable MU/EHR data'
Derived from MAX(ESTVIS) and MIDLEVP1 to MIDLEVP5	MDLVL_SIZE	Number of midlevels (midlevp1-midlevp5), based on office with MAX ESTVIS	N	2	3	0-40='valid range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: SIZE, MD_DO_FT, MD_DO_PT	MD_DO_FTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Full-time physicians (include MDs and Dos) Edited	N	2	3	0-41='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Derived from: SIZE, MD_DO_FT, MD_DO_PT	MD_DO_PTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Part-time physicians (include MDs and Dos) Edited	N	2	3	0-41='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	PA_FTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Full-time Physician Assistants (PA)? Edited	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	PA_PTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Part-time Physician Assistants (PA)? Edited	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	NP_FTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Full-time Nurse Practitioner (NP)? Edited	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	NP_PTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Part-time Nurse Practitioner (NP)? Edited	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	CNM_FTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Full-time Certified Nurse Midwife(CNM)? Edited	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	CNM_PTR	How many of the following full-time and part-time providers are on staff at the office location where you have the most office visits? Part-time Certified Nurse Midwife(CNM)? Edited	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: SIZE, MD_DO_FT, MD_DO_PT	SUMPHYS	Sum of MD_DO_FTR and MD_DO_PTR	N	2	3	0-41='Valid Range, 0 to 41 based on 2017 data' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	SUMMDLVL	Sum of PA_FTR, PA_PTR, NP_FTR, NP_PTR, CNM_FTR, CNM_PTR	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	SUMPA	Sum PA_FTR, PA_PTR	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	SUMNP	Sum of NP_FTR, NP_PTR	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Derived from: MDLVL_SIZE, PA_FT, PA_PT, NP_FT, NP_PT, CNM_FT, CNM_PT	SUMCNM	Sum of CNM_FTR, CNM_PTR	N	2	3	0-40='Valid Range' -6='Refused to answer' -8='Unknown' -9='Blank' -7 = 'Not applicable MU/EHR data'
Confidential Information						
Census Dataset: NAMCSOFFICES Instrument: OFFICE_ZIP	CHCOFFZIP	Corrected office zip code (edited) that matches CHC site information. From question at what office location will you be seeing patients?	C	5	5	'01001'-'99950'='Valid range' '-9'='Blank' '-7'='N/A Traditional/MU-EHR physician'
Census Dataset: NAMCSOFFICES Derived from NPI	NPI1	What is your National Identifier (NPI) at office #1? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-'9999999999'='Valid range' '-6'='Refused to answer' '-8'="Don't know" '-9'='Blank'
Census Dataset: NAMCSOFFICES Derived from NPI	NPI2	What is your National Identifier (NPI) at office #2? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-'9999999999'='Valid range' '-6'='Refused to answer' '-8'="Don't know" '-9'='Blank' '-7'='Not applicable MU/EHR data'
Census Dataset: NAMCSOFFICES Derived from NPI	NPI3	What is your National Identifier (NPI) at office #3? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-'9999999999'='Valid range' '-6'='Refused to answer' '-8'="Don't know" '-9'='Blank' '-7'='Not applicable MU/EHR data'
Census Dataset: NAMCSOFFICES Derived from NPI	NPI4	What is your National Identifier (NPI) at office #4? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-'9999999999'='Valid range' '-6'='Refused to answer' '-8'="Don't know" '-9'='Blank' '-7'='Not applicable MU/EHR data'
Census Dataset: NAMCSOFFICES Derived from NPI	NPI5	What is your National Identifier (NPI) at office #5? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-'9999999999'='Valid range' '-6'='Refused to answer' '-8'="Don't know" '-9'='Blank' '-7'='Not applicable MU/EHR data'

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Census Dataset: NAMCSOFFICES Derived from FEDTXID	FEDTXID1	What is your Federal Tax ID at office #1? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-9999999999='Valid range' '-6' = 'Refused to answer' '-8' = "Don't know" '-9' = 'Blank' '-7' = 'Not applicable MU/EHR data'
Census Dataset: NAMCSOFFICES Derived from FEDTXID	FEDTXID2	What is your Federal Tax ID at office #2? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-9999999999='Valid range' '-6' = 'Refused to answer' '-8' = "Don't know" '-9' = 'Blank' '-7' = 'Not applicable MU/EHR data'
Census Dataset: NAMCSOFFICES Derived from FEDTXID	FEDTXID3	What is your Federal Tax ID at office #3? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-9999999999='Valid range' '-6' = 'Refused to answer' '-8' = "Don't know" '-9' = 'Blank' '-7' = 'Not applicable MU/EHR data'
Census Dataset: NAMCSOFFICES Derived from FEDTXID	FEDTXID4	What is your Federal Tax ID at office #4? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-9999999999='Valid range' '-6' = 'Refused to answer' '-8' = "Don't know" '-9' = 'Blank'
Census Dataset: NAMCSOFFICES Derived from FEDTXID	FEDTXID5	What is your Federal Tax ID at office #5? Data not saved to final file, can be found in pre-final files.	C	10	10	'0000000000'-9999999999='Valid range' '-6' = 'Refused to answer' '-8' = "Don't know" '-9' = 'Blank' '-7' = 'Not applicable MU/EHR data'
SAMPLE FILE						
Sample File	WEEK	Survey week	N	2	3	01-52='valid range'
Recoded: Physician Sample File; for CHC provider updated from PRVFMS	FGRAD	Did physician graduate from a medical school in the US or Foreign?	N	2	3	1='Foreign school' 2='United States' -7='Mid level provider' -8 ='Unknown' -9='Blank'
Physician Sample File and updated from PRVSEX for CHC providers	PHYSEX	Sex of Physician	N	2	3	1='Female' 2='Male' -9='Blank'
From Physician Sample File and updated from PRVYEAR for CHC providers	PYOB	Physician year of birth	N	4	4	1900-1988='valid range'-9='Blank'
Recode from PYOB	MDAGE	Physician age; grouped	N	2	3	1='Under 35 years' 2='35-44 years' 3='45-54 years' 4='55-64 years' 5='65 years and over' -9='Blank'
CHC NAMCS-201						
Census file: NAMCS201 Instrument: TOTALEVV	EVISVOL	Expected visit volume for CHC site only	N	4	3	2-4492='Valid range' -7='Not applicable, traditional/MU-EHR provider' -9='Blank'
NCHS URBAN-RURAL FILE						

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URBAN-RURAL FILE	URBANRU_PROV	2013 NCHS urban-rural classification from 2010 Census, based on provider zip code. May not match MSA since MSA is zip code based, URBANRU is county based	N	2	3	1='Large central metro' 2='Large fringe metro' 3='Medium metro' 4='Small metro' 5='Micropolitan (nonmetro)' 6='Noncore (nonmetro)' -9='Missing data'
VISIT VOLUME CALCULATION						
Derived: LSTWKVIS & TJ	PHYSVV	Annual physician visit volume for inscope traditional/core physicians. Not rounded	N	--	8	1-9999999='Valid range' -7='Not applicable, CHC provider' -9='Blank/ or physician is out of scope'
Derived: LSTWKVISUN & NOPATSEN	VVQI	Visit volume quality indicator for inscope traditional/core physicians.	N	2	3	1='Not imputed' 2='Partial impute' 3='All imputed' -7='Not applicable, CHC provider' -9='Physician visit volume not calculated or physician is out of scope'
SUDAAN VARIABLES						
Sample=PHYID	PROVIDE	Provider code	N	6	4	1 - 3994 ='Trad physician' 600021 - 601023 = 'CHC providers'
SUDAAN:Derived	YEAR	Survey year	N	4	4	2017='Year: 2017'
SUDAAN:Derived	SUBFILE	Survey identifier	N	1	3	1='NAMCS' 3='CHC'
SUDAAN:Derived	DEPT	Department	N	1	3	1='Department'
SUDAAN:Derived	SU	Sample unit	N	1	3	1='Sample unit'
SUDAAN:Derived	CLINIC	Hospital clinic code	N	3	3	1='Clinic'
SUDAAN:Derived	CSTRAT	Sampling stratum from which provider was selected	N	8	8	11117101 - 12417115 ='Valid range for traditional MU/EHR NAMCS sample'
SUDAAN:Derived	CPSU	Primary sampling unit (Provide + 100,000)	N	6	8	100001 - 103994 = 'Valid range-traditional MU/EHR NAMCS sample'
SUDAAN:Derived	POPCPSU	Estimated number of inscope physicians in the population for the sample and sampling stratum.	N	5	8	136 - 24772 = 'Valid range-traditional MU/EHR NAMCS sample'
SUDAAN:Derived	POPCPROV	Marker for provider (for use when combining NAMCS and NHAMCS and running SUDAAN)	N	1	8	1='Valid value'
SUDAAN:Derived	PHYZWT	Rounded adjusted ratio adjusted doctor weight (responding doctors)	N	3.5	8	0 = 'Out of scope or refused doctors' 1-999.99999 = 'All responding doctors regardless of PRFs given'
SUDAAN:Derived	RASAMWGT	Ratio adjusted sample weight for all values of FINAL for traditional records only. For CHCs this is the sample weight of the facility. Not rounded	N	-	8	1-9999.99999999='Valid range'

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Characteror Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels
Derived: LNDOT & FINAL	RESPOND	Is physician a responder/not fully responder/out of scope	N	1	3	1='Inscope, Final = 24, 4, 14 or 21 and fully responding or 1 and fully responding' 2='Inscope, Final = 23, 3, 20, 0 or 21 and fully responding or 1 and non-fully responding' 3='Out of scope' 4= 'Non-response to eligibility/unknown eligibility'

** When length contains a decimal such as x.y. X signifies number of digits to the left of the decimal and y signifies number of digits to the right of the decimal.

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels	Review
Census dataset: NAMCS1 Instrument: PROFACT_SP	PROFACT_SP	Professional activity something else specified Before releasing this variable to RDC please review for personal/confidential information	C	60	60	'-9'='No entry made' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Valid range'	Review before release to RDC
Census dataset: NAMCS1 Instrument: VERIF9A_SP	VERIF9A_SP	Specify why physician doesn't give direct care Before releasing this variable to RDC please review for personal/confidential information	C	60	60	'-9' = 'No entry made' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Valid range'	Review before release
Census dataset: NAMCS1 Instrument: OWNSR_SP	OWNSR_SP	For other answer to ownsr above, please specify Before releasing this variable to RDC please review for personal/confidential information	C	120	120	'-6'='Refused to question' '-9'='No entry made' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Valid range'	Review before release
Census dataset: NAMCS1 Instrument: NUMLOC	NUMLOC	Number of office locations where ambulatory patients are seen. Does not include settings such as emergency departments, outpatient departments, surgicenters, federal clinics and community health centers. (instrument range 0 to 20)	N	2	3	0-20='valid range' -9='Blank'	Review before release
Census dataset: NAMCS1 Instrument: WHYNOPAT	WHYNOPAT	Why is provider not seeing patients? Before releasing this variable to RDC please review for personal/confidential information	C	60	60	'-9' = 'Blank' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Entry made'	Review before release
Census dataset: NAMCS1 Instrument: PRP_OTHER	PRP_OTHER	Why have you not prescribed PrEP? Other - please specify	C	400	400	'-7' = 'Not applicable, skip pattern or MU/EHR provider not asked question' '-9'='No Entry' Other='Valid Range'	Review before release
Census dataset: NAMCS1 Instrument: ALCSREENOTH	ALCSREENOTH	How do you screen for alcohol misuse? Answer: Other, specify	C	200	200	'-7' = 'Not applicable skip pattern or MU/EHR provider not asked question' '-9' = 'No Entry' Other='Valid Range'	Review before release
Census dataset: NAMCS1 Instrument: ASCREENADMOTH	ASCREENADMOTH	How are screening question(s) administered? Specify for other	C	200	200	Other='Valid Range' '-7' = 'Not applicable skip patten or MU/EHR provider not asked question' '-9' = 'No Entry'	Review before release
Census dataset: NAMCS1 Instrument: ASCREENWHOTH	ASCREENWHOTH	If patient is interviewed, who administers the screening? Specify for other	C	200	200	Other='Valid Range' '-7' = 'Not applicable skip patten or MU/EHR provider not asked question' '-9' = 'No Entry'	Review before release
Census dataset: NAMCS1 Instrument: ARESOURCEOTH	ARESOURCEOTH	Other, specify for ARESOURCE9	C	200	200	'-7' = 'Not applicable skip pattern or MU/EHR provider not asked question' '-9' = 'No Entry' Other='Valid Range'	Review before release
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: PCMH_OTH	CERT_WHO_OTHER	Is practice/CHC location is certified as a patient-centered medical home under other--other is specified. Before releasing this variable to RDC please review for personal/confidential information	C	60	60	'-7' = 'Not applicable skip pattern or MU/EHR provider not asked question' '-9' = 'No entry made' Other='Valid range'	Review before release

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels	Review
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: EHRNAM	EHRNAM17	What is the name of your current EHR system?	N	2	3	1='Allscripts' 2='Amazing Charts' 3='athenahealth' 4='Cerner' 5='eClinicalWorks' 6='e-MDs' 7='Epic' 8='GE/Centricity' 9='Greenway Medical' 10='McKesson/Practice Partner' 11='NextGen' 12='Practice Fusion' 13='Sage/Vitera' 14='Other' -6= 'Refused to question' -7= 'Not applicable skip pattern or MU/EHR provider not asked question' -8='Unknown' -9='Blank'	Review before release
Census dataset: NAMCS1 & NAMCS201 Instrument - Provider & CHC site: EHRNAMOTH	EHRNAMOTH	Name of EHR system entered in other box. Before releasing this variable to RDC please review for personal/confidential information	C	50	50	'-6' = 'Refused to question' '-7' = 'Not applicable skip pattern or MU/EHR provider not asked question' '-9' = 'Blank' Other = 'Entry made'	Review before release
Census dataset: NAMCS1 Instrument: PRVPSPEC	PRVPSPEC	What is the provider's primary specialty (only asked of CHC doctors)? Using look-up table	C	50	50	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Census dataset: NAMCS1 Instrument: PRVPCOD	PRVPCOD	What is the three-letter code for the provider's primary specialty (only asked of CHC doctors)? Using look-up table <i>Please read--FMP worksheet</i>	C	3	3	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Census dataset: NAMCS1 Instrument: PRVPSPEC_SP	PRVPSPEC_SP	Provider's primary specialty specified (only asked of CHC doctors) Before releasing this variable to RDC please review for personal/confidential information	C	50	50	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Census dataset: NAMCS1 Instrument: PRVSSPEC	PRVSSPEC	What is the provider's secondary specialty (only asked of CHC doctors)? Using look-up table	C	50	50	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Census dataset: NAMCS1 Instrument: PRVSSCOD	PRVSSCOD	What is the three-letter code for the provider's secondary specialty (only asked of CHC doctors)? Using look-up table	C	3	3	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Census dataset: NAMCS1 Instrument: PRVSSPEC_SP	PRVSSPEC_SP	Provider's secondary specialty specified (only asked of CHC doctors) Before releasing this variable to RDC please review for personal/confidential information	C	50	50	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release

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2017 NAMCS-1/Instrument and other sources	Variable Name	Variable labels	Character or Numeric	PUF data length **	SAS dataset length	Values for variable - range and labels	Review
Census dataset: NAMCS1 Instrument: PRVPBC	PRVPBC	What is the provider's primary board certification (only asked of CHC doctors)? Before releasing this variable to RDC please review for personal/confidential information	C	50	50	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Census dataset: NAMCS1 Instrument: PRVSBC	PRVSBC	What is the provider's secondary board certification (only asked of CHC doctors)? Before releasing this variable to RDC please review for personal/confidential information	C	50	50	Other='Valid entry' '-7'='Not applicable, traditional provider or midlevel provider' '-9'='Blank'	Review before release
Derived from: OUTCOME and WHY_OOS1 to WHY_OOS9 at NCHS	OTHRINEL_SP	Reason ineligible or out of scope-- Other specified	C	60	60	'-7' = 'Not applicable MU/EHR record, provider not asked question' '-9'='Blank' Other='Valid entry'	Review before release
Census file: NAMCS1 Instrument: WHOREFUS_SP	WHOREFUS_SP	If whom refused is other, specify. Before releasing this variable to RDC please review for personal/confidential information	C	60	60	'-9' = 'Blank' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Valid entry'	Review before release
Census file: NAMCS1 Instrument: WHY_REF	WHY_REF	Specify why refused Before releasing this variable to RDC please review for personal/confidential information	C	120	120	'-9' = 'Blank' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Valid entry'	Review before release
Census file: NAMCS1 Instrument: WHY_UNAVAIL	WHY_UNAVAIL	Why is provider unavailable or not in practice. Before releasing this variable to RDC please review for personal/confidential information	C	120	120	'-9' = 'Blank' '-7' = 'Not applicable MU/EHR record, provider not asked question' Other='Valid entry'	Review before release
Recoded: SAMPSPEC updated by PIISPEC; for CHC physicians updated by PRVPSCOD	SPEC	Alpha specialty (updated by induction/interview) <i>Please read--FMP worksheet</i>	C	3	3	'-9'='Blank' other='valid range'	Review before release
Recoded from Sample file	PROVTYPE	Type of sampled provider	N	1	3	0='Traditional sample-abstracted' 1='Indian Health Service CHC-Urban(stratum 17)' 2='CHC federally funded (stratum 18)' 3='CHC look alike (stratum 18)' 4='Traditional sample-MU/EHR'	Review before release