

Reference Guide for UDS Data Reports Available to Health Centers CY 2017

Introduction:

This Reference Guide is a companion document to the CY 2017 BPHC UDS data reports that are available to health centers through the EHB. The reports available provide analysis of the UDS data at the individual health center level, as well as at the State and National levels. All reports described in this document are available to Health Center Program health centers. A limited number of reports, including the Rollup Report, the Summary Report (at the Health Center and National levels), and the Health Center Performance Comparison Report are available to Look-Alikes and Bureau of Health Workforce health centers.

Because the reports contain an extensive amount of information, presented in a variety of formats, the Reference Guide is meant to provide the user with information about the structure and content of each report and information about how the statistics are calculated, and how the information might be used.

Below is a summary of each of the reports available followed by a brief explanation of the calculation formulae. Additionally, the formula guides for each of the reports (with the exception of the UDS Rollup Report) have been included. The UDS data reports are intended to provide each health center with an analysis of their-own organization's UDS data, as well as comparable statistics in some cases for the state and nation, against which the health center's statistics can be examined. By providing statistics specific to comparable groups of federally funded providers in traditionally underserved communities, it is hoped that this report can serve as a more relevant basis for examining and monitoring performance. The report is non-judgmental in that no goals, thresholds, or expectations are set forth, and high or low numbers for any given parameter are not equated with good or bad performance.

It is the hope that members of the health center's management and governance structure will take the time to review these reports and find them to be a valuable resource. In addition to monitoring performance internally, the report provides a range of statistics that can be useful for initiatives such as organization planning, grant development, and community relations.

Available Reports:

UDS Health Center Trend Report – This report compares the health center's performance for key performance measures with national and state averages over a 3 year period. The measures describe health center performance in three categories: Access, Quality of Care Indicators/Health Outcomes, and Financial Cost/Viability and provide an overall picture of the health center's performance in each of these areas. A preliminary version of this report is available prior to end of reporting cycle each year. PCAs can access this report for National, any State or all Health Centers within their states after the end of the reporting cycle. Health Centers can access this report for National, their State, and their own health center report after the end of the reporting cycle.

UDS Health Center, State and National Summary Report – This report is a dashboard report intended to describe each health center in a statistical manner. Calculations of key measures are derived from their own organization's current reporting on the UDS. The measures are broken out into two main categories: 1) Demographic and Clinical Data (Patients, Visits, Staffing and Clinical Information) and 2) Fiscal Information (Costs and Revenues) and provide an overall picture of the health center's performance in each of these areas. PCAs can access this report for National, any State or all Health Centers within their states after the end of the reporting cycle. Health Centers can access their preliminary UDS Summary Report as soon as they begin data entry for UDS during the reporting cycle.

UDS Health Center Performance Comparison Report – This report provides calculations of Quality of Care Indicators/Health Outcomes and Costs measures at different levels like Health Center, State, National, Urban/Rural, Size, Sites, Special Populations, National Percentiles (25th, 50th and 75th), and Health Center Percentile. PCAs can access this report for all Health Centers within their states after the end of the reporting cycle. Health Centers can access their UDS Health Center Performance Comparison report after the end of the reporting cycle.



UDS Rollup Report – This report compiles annual data reported by Health Center Program (HCP) health centers. Summary Health Center Program data are provided for patient demographics, socioeconomic characteristics, staffing, patient diagnoses and services rendered, quality of care, health outcomes and disparities, financial costs, and revenues. A preliminary version of this report is available prior to end of reporting cycle each year. PCAs and health centers can access this report for National or any State after the end of the reporting cycle. (No formula guide provided.)

Calculation Formulae:

The remaining pages of this guide list the formula used to calculate the statistics for each line of the report. The formulae references specific cells of the UDS report by table, line and column. In some instances, the reference has been abbreviated with T=Table, L=Line, and C=Column. For example, a formula containing T3B_L8_CA is referring to Table 3B, Line 8, Column A. The standard mathematical notations are used as follows:

- * Multiply
- / Divide
- + Add
- Subtract
- () Perform calculation in parenthesis first

'Grantee' Used to denote Health Center Program grantees authorized by section 330 of the Public Health Services Act and Health Center Program look-alikes



Health Center Trend Report				
Measures	Formula Description	2015	2016	2017
Access				
Total Number of Patients Served	Total Number of Patients	T4_L6_CA	T4_L6_CA	T4_L6_CA
Medical Patients Served	Total Medical Patients	T5_L15_CC	T5_L15_CC	T5_L15_CC
Dental Patients Served	Total Dental Services Patients	T5_L19_CC	T5_L19_CC	T5_L19_CC
Total Visits	Grand Total for Clinic Visits	T5_L34_CB	T5_L34_CB	T5_L34_CB
Agricultural Worker Patients Served	Total Number of patients who are Agricultural Workers or Dependents	T4_L16_CA	T4_L16_CA	T4_L16_CA
Homeless Patients Served	Total Number of Homeless Patients	T4_L23_CA	T4_L23_CA	T4_L23_CA
Public Housing Patients Served	Total Number of Patients Served at a Health Center Located In or Immediately Accessible to a Public Housing Site	T4_L26_CA	T4_L26_CA	T4_L26_CA
Quality of Care Indicators/Health Outcomes				
Perinatal Health				
Access to Prenatal Care (first prenatal visit in 1st trimester)	(Women Having First Visit with Health Center in their First Trimester+Women Having First Visit with Another Provider in their First Trimester)/Total Number of Patients	(T6B_L7_CA+T6B_L7_CB)/T6B_L6_CA	(T6B_L7_CA+T6B_L7_CB)/T6B_L6_CA	(T6B_L7_CA+T6B_L7_CB)/T6B_L6_CA
Low Birth Weight	(Total Live Births < 1500 grams+Total Live Births 1500 - 2499 grams)/(Total Live Births < 1500 grams +Total Live Births 1500 - 2499 grams +Total Live Births: >= 2500 grams)	(T7_Li_C1b + T7_Li_C1c)/(T7_Li_C1b+T7_Li_C1c+T7_Li_C1d)	(T7_Li_C1b + T7_Li_C1c)/(T7_Li_C1b+T7_Li_C1c+T7_Li_C1d)	(T7_Li_C1b + T7_Li_C1c)/(T7_Li_C1b+T7_Li_C1c+T7_Li_C1d)
Preventive Health Screenings and Services				
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	National, State: [Sum at each Grantee level {Total Patients Aged 3 through 17 with a BMI percentile, and counseling on nutrition and physical activity documented* (Number of Patients with Counseling and BMI Documented/Number of Charts Sampled or EHR Total)}] / [Sum at National or State level or Grantee level (Total Patients Aged 3 through 17)] Grantee: Number of Patients with Counseling and BMI Documented/Number of Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T6B_L12_CA * (T6B_L12_CC / (T6B_L12_CB))}] / [Sum at National or State level or Grantee level (T6B_L12_CA)] Grantee: T6B_L12_CC / T6B_L12_CB	National, State: [Sum at each Grantee level {T6B_L12_CA * (T6B_L12_CC / (T6B_L12_CB))}] / [Sum at National or State level or Grantee level (T6B_L12_CA)] Grantee: T6B_L12_CC / T6B_L12_CB	National, State: [Sum at each Grantee level {T6B_L12_CA * (T6B_L12_CC / (T6B_L12_CB))}] / [Sum at National or State level or Grantee level (T6B_L12_CA)] Grantee: T6B_L12_CC / T6B_L12_CB
Body Mass Index (BMI) Screening and Follow-Up Plan	National, State: [Sum at each Grantee level {Total Patients Aged 18 and Older with (1) BMI documented and (2) follow-up plan documented if BMI is outside normal parameters * (Number of Patients with BMI Charted and Follow-Up Plan Documented as Appropriate/ Number Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 18 and Older with (1) BMI documented and (2) follow-up plan documented if BMI is outside normal parameters)] Grantee: Number of Patients with BMI Charted and Follow-Up Plan	National, State: [Sum at each Grantee level {T6B_L13_CA * (T6B_L13_CC / (T6B_L13_CB))}] / [Sum at National or State level (T6B_L13_CA)] Grantee: T6B_L13_CC / T6B_L13_CB	National, State: [Sum at each Grantee level {T6B_L13_CA * (T6B_L13_CC / (T6B_L13_CB))}] / [Sum at National or State level (T6B_L13_CA)] Grantee: T6B_L13_CC / T6B_L13_CB	National, State: [Sum at each Grantee level {T6B_L13_CA * (T6B_L13_CC / (T6B_L13_CB))}] / [Sum at National or State level (T6B_L13_CA)] Grantee: T6B_L13_CC / T6B_L13_CB

	Documented as Appropriate/ Number Charts Sampled or EHR Total			
Tobacco Use Screening and Cessation Intervention	<p>National, State: [Sum at each Grantee level {Total Patients Aged 18 and Older who (1) were screened for tobacco use one or more times within 24 months and if identified to be a tobacco user (2) received cessation counseling intervention* (Number of Patients Assessed for Tobacco Use and Provided Intervention if a Tobacco User/ Number of Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 18 and Older who (1) were screened for tobacco use one or more times within 24 months and if identified to be a tobacco user (2) received cessation counseling intervention)]</p> <p>Grantee: Number of Patients Assessed for Tobacco Use and Provided Intervention if a Tobacco User/Number of Charts Sampled or EHR</p>	<p>National, State: [Sum at each Grantee level {T6B_L14a_CA * (T6B_L14a_CC / T6B_L14a_CB)}] / [Sum at National or State level (T6B_L14a_CA)]</p> <p>Grantee: T6B_L14a_CC / T6B_L14a_CB</p>	<p>National, State: [Sum at each Grantee level {T6B_L14a_CA * (T6B_L14a_CC / T6B_L14a_CB)}] / [Sum at National or State level (T6B_L14a_CA)]</p> <p>Grantee: T6B_L14a_CC / T6B_L14a_CB</p>	<p>National, State: [Sum at each Grantee level {T6B_L14a_CA * (T6B_L14a_CC / T6B_L14a_CB)}] / [Sum at National or State level (T6B_L14a_CA)]</p> <p>Grantee: T6B_L14a_CC / T6B_L14a_CB</p>

Measures	2015	2016	2017	
Quality of Care Indicators/ Health Outcomes				
Preventative Health Screenings and Services				
Colorectal Cancer Screening	<p>National, State: [Sum at each Grantee level {Total Patients Aged 50 through 75 who had appropriate screening for colorectal cancer* (Number of Patients with Appropriate Screening for Colorectal Cancer/Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 50 through 75 who had appropriate screening for colorectal cancer)]</p> <p>Grantee: Number of Patients with Appropriate Screening for Colorectal Cancer/Charts Sampled or EHR Total</p>	<p>National, State: [Sum at each Grantee level {T6B_L19_CA * (T6B_L19_CC / T6B_L19_CB)}] / [Sum at National or State level (T6B_L19_CA)]</p> <p>Grantee: T6B_L19_CC / T6B_L19_CB</p>	<p>National, State: [Sum at each Grantee level {T6B_L19_CA * (T6B_L19_CC / T6B_L19_CB)}] / [Sum at National or State level (T6B_L19_CA)]</p> <p>Grantee: T6B_L19_CC / T6B_L19_CB</p>	<p>National, State: [Sum at each Grantee level {T6B_L19_CA * (T6B_L19_CC / T6B_L19_CB)}] / [Sum at National or State level (T6B_L19_CA)]</p> <p>Grantee: T6B_L19_CC / T6B_L19_CB</p>
Screening for Depression and Follow-Up Plan	<p>National, State: [Sum at each Grantee level {Total Patients Aged 12 and Older who were (1) screened for depression with a standardized tool and, if screening was positive, (2) had a follow up plan documented* (Number of Patients Screened for Depression and Follow-Up Plan Documented as Appropriate/Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 12 and Older who were (1) screened for depression with a standardized tool and, if screening was positive, (2) had a follow-up plan documented)]</p> <p>Grantee: Number of Patients Screened for Depression and Follow-Up Plan Documented as Appropriate/Charts Sampled or EHR Total</p>	<p>National, State: [Sum at each Grantee level {T6B_L21_CA * (T6B_L21_CC / T6B_L21_CB)}] / [Sum at National or State level (T6B_L21_CA)]</p> <p>Grantee: T6B_L21_CC / T6B_L21_CB</p>	<p>National, State: [Sum at each Grantee level {T6B_L21_CA * (T6B_L21_CC / T6B_L21_CB)}] / [Sum at National or State level (T6B_L21_CA)]</p> <p>Grantee: T6B_L21_CC / T6B_L21_CB</p>	<p>National, State: [Sum at each Grantee level {T6B_L21_CA * (T6B_L21_CC / T6B_L21_CB)}] / [Sum at National or State level (T6B_L21_CA)]</p> <p>Grantee: T6B_L21_CC / T6B_L21_CB</p>

Cervical Cancer Screening	National, State: [Sum at each Grantee level {Total Female Patients Aged 23 through 64 who received one or more Pap tests to screen for cervical cancer* (Number of Patients Tested/ Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Female Patients Aged 23 through 64 who received one or more Pap tests to screen for cervical cancer)] Grantee: Number of Patients Tested/ Charts	National, State: [Sum at each Grantee level {T6B_L11_CA * (T6B_L11_CC / T6B_L11_CB)}] / [Sum at National or State level (T6B_L11_CA)] Grantee: T6B_L11_CC / T6B_L11_CB	National, State: [Sum at each Grantee level {T6B_L11_CA * (T6B_L11_CC / T6B_L11_CB)}] / [Sum at National or State level (T6B_L11_CA)] Grantee: T6B_L11_CC / T6B_L11_CB	National, State: [Sum at each Grantee level {T6B_L11_CA * (T6B_L11_CC / T6B_L11_CB)}] / [Sum at National or State level (T6B_L11_CA)] Grantee: T6B_L11_CC / T6B_L11_CB
Childhood Immunization Status	National, State: [Sum at each Grantee level {Total children 2 years of age who received age appropriate vaccines by their 2nd birthday* (Number of Patients Immunized/Number of Charts Sampled or EHR Total)}] / [Sum at National or State level (Total children 2 years of age who received age appropriate vaccines by their 2nd birthday)] Grantee: Number of Patients Immunized/Number of Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T6B_L10_CA * (T6B_L10_CC / T6B_L10_CB)}] / [Sum at National or State level (T6B_L10_CA)] Grantee: T6B_L10_CC / T6B_L10_CB	National, State: [Sum at each Grantee level {T6B_L10_CA * (T6B_L10_CC / T6B_L10_CB)}] / [Sum at National or State level (T6B_L10_CA)] Grantee: T6B_L10_CC / T6B_L10_CB	National, State: [Sum at each Grantee level {T6B_L10_CA * (T6B_L10_CC / T6B_L10_CB)}] / [Sum at National or State level (T6B_L10_CA)] Grantee: T6B_L10_CC / T6B_L10_CB
Dental Sealants for Children between 6-9 Years	National, State: [Sum at each Grantee level {Total Patients Aged 6 through 9 at Moderate to High Risk for Caries who received a sealant on a first permanent molar* (Number of Patients with Sealants to First Molars/Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 6 through 9 at Moderate to High Risk for Caries who received a sealant on a first permanent molar)] Grantee: Number of Patients with Sealants to First	National, State: [Sum at each Grantee level {T6B_L22_CA * (T6B_L22_CC / T6B_L22_CB)}] / [Sum at National or State level (T6B_L22_CA)] Grantee: T6B_L22_CC / T6B_L22_CB	National, State: [Sum at each Grantee level {T6B_L22_CA * (T6B_L22_CC / T6B_L22_CB)}] / [Sum at National or State level (T6B_L22_CA)] Grantee: T6B_L22_CC / T6B_L22_CB	National, State: [Sum at each Grantee level {T6B_L22_CA * (T6B_L22_CC / T6B_L22_CB)}] / [Sum at National or State level (T6B_L22_CA)] Grantee: T6B_L22_CC / T6B_L22_CB
Chronic Disease Management				
Use of Appropriate Medications for Asthma	National, State: [Sum at each Grantee level {Total Patients Aged 5 through 64 with Persistent Asthma and were appropriately ordered medication* (Number of Patients with Acceptable Plan/Number of Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 5 through 64 with Persistent Asthma and were appropriately ordered medication)] Grantee: Number of Patients with Acceptable Plan/Number of Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T6B_L16_CA * (T6B_L16_CC / T6B_L16_CB)}] / [Sum at National or State level (T6B_L16_CA)] Grantee: T6B_L16_CC / T6B_L16_CB	National, State: [Sum at each Grantee level {T6B_L16_CA * (T6B_L16_CC / T6B_L16_CB)}] / [Sum at National or State level (T6B_L16_CA)] Grantee: T6B_L16_CC / T6B_L16_CB	National, State: [Sum at each Grantee level {T6B_L16_CA * (T6B_L16_CC / T6B_L16_CB)}] / [Sum at National or State level (T6B_L16_CA)] Grantee: T6B_L16_CC / T6B_L16_CB
Coronary Artery Disease (CAD): Lipid Therapy	National, State: [Sum at each Grantee level {Total Patients Aged 18 and Older with CAD Diagnosis who were prescribed a lipid lowering therapy* (Number of Patients Prescribed A Lipid Lowering Therapy/Number of Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 18 and Older with CAD Diagnosis who were prescribed a lipid lowering therapy)] Grantee: Number of Patients Prescribed A Lipid Lowering Therapy/Number of Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T6B_L17_CA * (T6B_L17_CC / T6B_L17_CB)}] / [Sum at National or State level (T6B_L17_CA)] Grantee: T6B_L17_CC / T6B_L17_CB	National, State: [Sum at each Grantee level {T6B_L17_CA * (T6B_L17_CC / T6B_L17_CB)}] / [Sum at National or State level (T6B_L17_CA)] Grantee: T6B_L17_CC / T6B_L17_CB	National, State: [Sum at each Grantee level {T6B_L17_CA * (T6B_L17_CC / T6B_L17_CB)}] / [Sum at National or State level (T6B_L17_CA)] Grantee: T6B_L17_CC / T6B_L17_CB

Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet	National, State: [Sum at each Grantee level {Total Patients Aged 18 and Older with IVD Diagnosis or AMI, CABG, or PCI Procedure with aspirin or another antiplatelet* (Number of Patients with Documentation of Aspirin or Other Antiplatelet Therapy/Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 18 and Older with IVD Diagnosis or AMI, CABG, or PCI Procedure with aspirin or another antiplatelet)] Grantee: Number of Patients with Documentation of Aspirin or Other Antiplatelet Therapy/Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T6B_L18_CA * (T6B_L18_CC / T6B_L18_CB)}] / [Sum at National or State level (T6B_L18_CA)] Grantee: T6B_L18_CC / T6B_L18_CB	National, State: [Sum at each Grantee level {T6B_L18_CA * (T6B_L18_CC / T6B_L18_CB)}] / [Sum at National or State level (T6B_L18_CA)] Grantee: T6B_L18_CC / T6B_L18_CB	National, State: [Sum at each Grantee level {T6B_L18_CA * (T6B_L18_CC / T6B_L18_CB)}] / [Sum at National or State level (T6B_L18_CA)] Grantee: T6B_L18_CC / T6B_L18_CB
HIV Linkage to Care	National, State: [Sum at each Grantee level { Total Patients First Diagnosed with HIV* (Number of Patients Seen Within 90 Days of First Diagnosis of HIV/Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients First Diagnosed with HIV)] Grantee: Number of Patients Seen Within 90 Days of First Diagnosis of HIV/Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T6B_L20_CA * (T6B_L20_CC / T6B_L20_CB)}] / [Sum at National or State level (T6B_L20_CA)] Grantee: T6B_L20_CC / T6B_L20_CB	National, State: [Sum at each Grantee level {T6B_L20_CA * (T6B_L20_CC / T6B_L20_CB)}] / [Sum at National or State level (T6B_L20_CA)] Grantee: T6B_L20_CC / T6B_L20_CB	National, State: [Sum at each Grantee level {T6B_L20_CA * (T6B_L20_CC / T6B_L20_CB)}] / [Sum at National or State level (T6B_L20_CA)] Grantee: T6B_L20_CC / T6B_L20_CB
Controlling High Blood Pressure (Hypertensive Patients with Blood Pressure < 140/90)	National, State: [Sum at each Grantee level {Total Patients 18 through 85 Years of Age with Hypertension* (Patients with HTN Controlled/ Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients 18 through 85 Years of Age with Hypertension)] Grantee: Patients with HTN Controlled/ Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T7_Li_C2a * (T7_Li_C2c / T7_Li_C2b)}] / [Sum at National or State level (T7_Li_C2a)] Grantee: T7_Li_C2c / T7_Li_C2b	National, State: [Sum at each Grantee level {T7_Li_C2a * (T7_Li_C2c / T7_Li_C2b)}] / [Sum at National or State level (T7_Li_C2a)] Grantee: T7_Li_C2c / T7_Li_C2b	National, State: [Sum at each Grantee level {T7_Li_C2a * (T7_Li_C2c / T7_Li_C2b)}] / [Sum at National or State level (T7_Li_C2a)] Grantee: T7_Li_C2c / T7_Li_C2b
Diabetes: Hemoglobin A1c Poor Control (Diabetic Patients with HbA1c > 9%) or No Test During Year	National, State: [Sum at each Grantee level {Total Patients 18 through 75 Years of Age with Diabetes* ((Patients with HbA1c >9% Or No Test During Year) / Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients 18 through 75 Years of Age with Diabetes)] Grantee: Patients with HbA1c >9% Or No Test During Year / Charts Sampled or EHR Total	National, State: [Sum at each Grantee level {T7_Li_C3a * ((T7_Li_C3f) / T7_Li_C3b)}] / [Sum at National or State level (T7_Li_C3a)] Grantee: (T7_Li_C3f)/ T7_Li_C3b	National, State: [Sum at each Grantee level {T7_Li_C3a * ((T7_Li_C3f) / T7_Li_C3b)}] / [Sum at National or State level (T7_Li_C3a)] Grantee: (T7_Li_C3f)/ T7_Li_C3b	National, State: [Sum at each Grantee level {T7_Li_C3a * ((T7_Li_C3f) / T7_Li_C3b)}] / [Sum at National or State level (T7_Li_C3a)] Grantee: (T7_Li_C3f)/ T7_Li_C3b
Measures		2015	2016	2017
Financial Cost/Viability				
Total Cost per Total Patient	Total Accrued Costs After Allocation Of Facility And Non-Clinical Support Services/(Total Male Patients +Total Female Patients)	T8A_L17_CC/(T3A_L39_CA+T3A_L39_CB)	T8A_L17_CC/(T3A_L39_CA+T3A_L39_CB)	T8A_L17_CC/(T3A_L39_CA+T3A_L39_CB)
Medical Cost per Medical Visit	(Total Medical Care Services Cost After Allocation of Facility and Non-Clinical Support Services - Lab and X-ray Cost After Allocation of Facility and Non- Clinical Support Services)/ (Total Medical Patients Clinic Visits - Nurse Clinic Visits)	(T8A_L4_CC-T8A_L2_CC)/(T5_L15_CB-T5_L11_CB)	(T8A_L4_CC-T8A_L2_CC)/(T5_L15_CB-T5_L11_CB)	(T8A_L4_CC-T8A_L2_CC)/(T5_L15_CB-T5_L11_CB)

UDS Summary Report		
Measures	Formula Description	Formula
PATIENTS		
	Blank	Blank
Total Patients	Total Male Patients + Total Female Patients	T3A_L39_CA + T3A_L39_CB
Number/Percent of Patients by Services		
	Blank	Blank
Medical	#, % : Total Medical Patients, Total Medical Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L15_CC , T5_L15_CC/(T3A_L39_CA+T3A_L39_CB)
Dental	#, % : Total Dental Services Patients, Total Dental Services Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L19_CC , T5_L19_CC/(T3A_L39_CA+T3A_L39_CB)
Mental Health	#, % : Total Mental Health Patients, Total Mental Health Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L20_CC, T5_L20_CC/(T3A_L39_CA+T3A_L39_CB)
Substance Abuse	#, % : Substance Abuse Services Patients, Substance Abuse Services Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L21_CC, T5_L21_CC/(T3A_L39_CA+T3A_L39_CB)
Other Professional	#, % : Other Professional Services Patients, Other Professional Services Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L22_CC, T5_L22_CC/(T3A_L39_CA+T3A_L39_CB)
Vision	#, % : Total Vision Services Patients, Total Vision Services Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L22d_CC, T5_L22d_CC/(T3A_L39_CA+T3A_L39_CB)
Enabling Services	#, % : Total Enabling Services Patients, Total Enabling Services Patients/(Total Male Patients + Total Female Patients)	#, % : T5_L29_CC, T5_L29_CC/(T3A_L39_CA+T3A_L39_CB)
Number/Percent of Patients by Special Populations		
Agricultural Worker	#, % : Total Number of Patients who are Agricultural Workers or Dependents, Total Number of Patients who are Agricultural Workers or Dependents/Total Number of Patients	#, % : T4_L16_CA, T4_L16_CA/T4_L6_CA
Homeless	#, % : Total Homeless Patients, Total Homeless Patients /Total Number of Patients	#, % : T4_L23_CA, T4_L23_CA/T4_L6_CA
School Based Health	#, % : Total School Based Health Center Patients, Total School Based Health Center Patients /Total Number of Patients	#, % : T4_L24_CA, T4_L24_CA/T4_L6_CA
Public Housing	#, % : Total Patients Served at a Health Center Located In or Immediately Accessible to a Public Housing Site, Total Patients Served at a Health Center Located In or Immediately Accessible to a Public Housing Site /Total Number of Patients	#, % : T4_L26_CA, T4_L26_CA/T4_L6_CA
Veteran	#, % : Total Patients who are Veterans, Total Patients who are Veterans /Total Number of Patients	#, % : T4_L25_CA, T4_L25_CA/T4_L6_CA
Number/Percent of Patients by Age		
	blank	blank
Children (<18 years)	#, % : Total Patients (Male+Female) aged <18 years, Total Patients (Male+Female) aged <18 years/(Total Male Patients + Total Female Patients)	#, % : T3A_L1 to L18_CA+CB, (T3A_L1 to L18 CA+CB)/(T3A_L39_CA+T3A_L39_CB)
Adult (18 – 64 years)	#, % : Total Patients (Male+Female) 18–64 years of age, Total Patients (Male+Female) 18–64 years of age/(Total Male Patients + Total Female Patients)	#, % : T3A_L19 to L33 CA+CB , (T3A_L19 to L33 CA+CB)/(T3A_L39_CA+T3A_L39_CB)
Older Adult (age 65 and over)	#, % : Total Patients (Male+Female) 65–85 and over years of age, Total Patients (Male+Female) 65–85 and over years of age / (Total Male Patients + Total Female Patients)	#, % : T3A_L34 to L38 CA+CB , (T3A_L34 to L38 CA+CB)/(T3A_L39_CA+T3A_L39_CB)
Number/Percent of Patients by Insurance Status		
Uninsured	#, % : Patients 0-17 Years Old who are Uninsured+Patients 18 and Older who are Uninsured, (Patients 0-17 Years Old who are Uninsured+Patients 18 and Older who are Uninsured)/(Total Patients 0-17 Years Old+ Total Patients 18 and Older)	#, % : T4_L7_CA+T4_L7_CB, (T4_L7_CA+T4_L7_CB)/(T4_L12_CA+T4_L12_CB)
Uninsured Children (< 18 years)	#, % : Patients 0-17 Years Old who are Uninsured, Patients 0-17 Years Old who are Uninsured/ Total Patients 0-17 Years Old	#, % : T4_L7_CA , T4_L7_CA/T4_L12_CA
Medicaid/CHIP	#, % : (Total 0-17 Years Old Medicaid Patients + Total Medicaid Patients who are 18 and older+ 0-17 Years Old Other Public Insurance CHIP Patients + 18 Years and older Other Public Insurance CHIP Patients), (Total 0-17 Years Old Medicaid Patients + Total Medicaid Patients who are 18 and older+ 0-17 Years Old Other Public Insurance CHIP Patients + 18 Years and older Other Public Insurance CHIP Patients)/(Total Patients 0-17 Years Old+ Total Patients 18 and Older)	#, % : (T4_L8_CA+T4_L8_CB+T4_L10B_CA+T4_L10B_CB) , (T4_L8_CA+T4_L8_CB+T4_L10B_CA+T4_L10B_CB)/(T4_L12_CA+T4_L12_CB)
Medicare	#, % : Total Medicare Patients (0-17 Years Old + 18 and Older), Total Medicare Patients (0-17 Years Old + 18 and	#, % : T4_L9_CA+CB , T4_L9_CA+CB / (T4_L12_CA + T4_L12_CB)

	Older)/(Total Patients 0-17 Years Old+ Total Patients 18 and Older)	
Dual eligibility (Medicare and Medicaid)	#, % : Dually Eligible Patients (0-17 Years Old + 18 and Older), Dually Eligible Patients (0-17 Years Old + 18 and Older)/(Total Patients 0-17 Years Old+ Total Patients 18 and Older)	#, % : T4_L9a_CA+CB , T4_L9a_CA+CB /(T4_L12_CA + T4_L12_CB)
Other Third-Party	#, % : (0-17 Years Old Other Public Insurance Non-CHIP Patients + 18 years and older Other Public Insurance Non-CHIP Patients + 18 Years and older Private Insurance Patients + 0-17 Years Old Private Insurance Patients), (0-17 Years Old Other Public Insurance Non-CHIP Patients + 18 years and older Other Public Insurance Non-CHIP Patients + 18 Years and older Private Insurance Patients + 0-17 Years Old Private Insurance Patients)/(Total Patients 0-17 Years old+ Total Patients 18 and Older)	#, % : (T4_L10A_CA+T4_L10A_CB+T4_L11_CB+T4_L11_CA) , (T4_L10A_CA+T4_L10A_CB+T4_L11_CB+T4_L11_CA)/(T4_L12_CA+T4_L12_CB)
Number/Percent of Patients by Income Status (% Known)		Blank
Patients at or below 200% of Federal Poverty Level	#, % : (Number of Patients 100% and below+101-150%+151-200% of the Poverty Guideline), (Number of Patients 100% and below+101-150%+151-200% of the Poverty Guideline)/(Total Number of Patients-Number of Patients whose Income as Percent of Poverty Guideline is Unknown)	#, % : (T4_L1+L2+L3, CA) , (T4_L1+L2+L3_CA)/(T4_L6_CA - T4_L5_CA)
Patients at or below 100% of Federal Poverty Level (included in above)	#, % : Number of Patients 100% and below of Federal Poverty Level, Number of Patients 100% and below of Federal Poverty Level/(Total Number of Patients-Number of Patients whose Income as Percent of Poverty Guideline is Unknown)	#, % : (T4_L1_CA), (T4_L1_CA)/(T4_L6_CA - T4_L5_CA)
Patients by Race & Ethnicity (% Known)		Blank
% Racial and/or Ethnic Minority	% : (Total Hispanic/Latino Patients+ Total Non-Hispanic/Latino Patients - Unreported/Refused to report race Non-Hispanic/Latino - White Non-Hispanic/Latino)/(Total Patients-Unreported/Refused to report race Non-Hispanic/Latino-Unreported/Refused to Report Ethnicity)	% : (T3B_L8_CA+T3B_L8_CB-T3B_L7_CB-T3B_L5_CB)/(T3B_L8_CD- T3B_L7_CB-T3B_L7_CC)
% Hispanic/Latino	% : Total Hispanic/Latino Patients /(Total Patients-Total Patients Unreported/Refused to Report Ethnicity)	% : T3B_L8_CA/(T3B_L8_CD - T3B_L8_CC)
% Black/ African American	% : Total Black/African American /(Total Patients-Total Unreported/Refused to report race)	% : T3B_L3_CD/(T3B_L8_CD - T3B_L7_CD)
% Asian	% : Total Asian/(Total Patients-Unreported/Refused to report race)	% : T3B_L1_CD/(T3B_L8_CD - T3B_L7_CD)
% American Indian / Alaska Native	% : Total American Indian/Alaska Native/(Total Patients-Unreported/Refused to report race)	% : T3B_L4_CD/(T3B_L8_CD - T3B_L7_CD)
% Native Hawaiian / Other Pacific Islander	% : (Total Native Hawaiian + Total Other Pacific Islander) /(Total Patients-Unreported/Refused to report race)	% : (T3B_L2A_CD + T3B_L2B_CD) /(T3B_L8_CD - T3B_L7_CD)
% Non-Hispanic White	% : White Non-Hispanic/Latino/(Total Patients-Unreported/Refused to report race)	% : T3B_L5_CB/(T3B_L8_CD - T3B_L7_CD)
% More than one race	% : Total More than one race/(Total Patients-Unreported/Refused to report race)	% : T3B_L6_CD/(T3B_L8_CD - T3B_L7_CD)
Patients by Language		Blank
% Best Served in a Language Other Than English	% : Number of Patients Best Served in a Language other than English/ Total Patients	% : T3B_L12_CA/T3B_L8_CD
Number/Percent of Patients by Sexual Orientation		
Lesbian or Gay (% of known)	#, % : Number of Lesbian or Gay Patients, Number of Lesbian or Gay Patients/(Total Number of Patients – Total Patients who reported their Sexual Orientation as Don't Know - Total Patients who Chose not to disclose their Sexual Orientation)	#, % : T3B_L13_CA, T3B_L13_CA/(T3B_L19_CA - T3B_L17_CA - T3B_L18_CA)
Straight (not lesbian or gay) (% of known)	#, % : Number of Straight (not lesbian or gay) Patients, Number of Straight (not lesbian or gay) Patients/(Total Number of Patients – Total Patients who reported their Sexual Orientation as Don't Know - Total Patients who Chose not to disclose their Sexual Orientation)	#, % : T3B_L14_CA, T3B_L14_CA /(T3B_L19_CA - T3B_L17_CA - T3B_L18_CA)
Bisexual (% of known)	#, % : Number of Bisexual Patients, Number of Bisexual Patients/(Total Number of Patients – Total Patients who reported their Sexual Orientation as Don't Know - Total Patients who Chose not to disclose their Sexual Orientation)	#, % : T3B_L15_CA, T3B_L15_CA /(T3B_L19_CA - T3B_L17_CA - T3B_L18_CA)
Something else (% of known)	#, % : Number of Patients who reported their Sexual Orientation as Something Else, Number of Patients who reported their Sexual Orientation as Something Else/(Total Number of Patients – Total Patients who reported their Sexual	#, % : T3B_L16_CA, T3B_L16_CA /(T3B_L19_CA - T3B_L17_CA - T3B_L18_CA)

Optometrist	#:((Total Months of Full and Part time for Optometrist + Total Months of Locum, On-call, etc for Optometrist)/(Full and Part time Optometrist + Locum, On-call, etc Optometrist))/12	#:((T5A_L22bCb+Cd)/(T5A_L22bCa+Cc))/12
Chief Executive Officer	#:((Total Months of Full and Part time for Chief Executive Officer + Total Months of Locum, On-call, etc for Chief Executive Officer)/(Full and Part time Chief Executive Officer + Locum, On-call, etc Chief Executive Officer))/12	#:((T5A_L30a1Cb+Cd)/(T5A_L30a1Ca+Cc))/12
Chief Medical Officer	#:((Total Months of Full and Part time for Chief Medical Officer + Total Months of Locum, On-call, etc for Chief Medical Officer)/(Full and Part time Chief Medical Officer + Locum, On-call, etc Chief Medical Officer))/12	#:((T5A_L30a2Cb+Cd)/(T5A_L30a2Ca+Cc))/12
Chief Financial Officer	#:((Total Months of Full and Part time for Chief Financial Officer + Total Months of Locum, On-call, etc for Chief Financial Officer)/(Full and Part time Chief Financial Officer + Locum, On-call, etc Chief Financial Officer))/12	#:((T5A_L30a3Cb+Cd)/(T5A_L30a3Ca+Cc))/12
Chief Information Officer	#:((Total Months of Full and Part time for Chief Information Officer + Total Months of Locum, On-call, etc for Chief Information Officer)/(Full and Part time Chief Information Officers+ Locum, On-call, etc Chief Information Officers))/12	#:((T5A_L30a4Cb+Cd)/(T5A_L30a4Ca+Cc))/12

Measure	Formula Description	Formula
Quality of Care Indicators/ Health Outcomes		
Early Entry into Prenatal Care		
Access to Prenatal Care (first prenatal visit in 1st trimester)	% : (Women Having First Visit with Health Center in their First Trimester + Women Having First Visit with Another Provider in their First Trimester)/Total Number of Patients	% : (T6B_L7_CA + T6B_L7_CB)/T6B_L6_CA
Low Birth Weight	% : (Total Live Births < 1500 grams +Total Live Births 1500 - 2499 grams)/(Total Live Births < 1500 grams +Total Live Births 1500 - 2499 grams +Total Live Births: >= 2500 grams)	% : (T7_Li_C1b+T7_Li_C1c)/(T7_Li_C1b+T7_Li_C1c+T7_Li_C1d)
Preventive Health Screenings and Services		
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	% : [Sum of ALL Grantees {Total Patient Aged 3 through 17 with a BMI percentile, and counseling on nutrition and physical activity documented* (Number of Patients with the current year and Counseling and BMI Documented/ Number of Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patient Aged 3 through 17 with a BMI percentile, and counseling on nutrition and physical activity documented)]	% : [Sum of ALL Grantees {T6B_L12_CA * (T6B_L12_CC / T6B_L12_CB) }] / [Sum of ALL Grantees (T6B_L12_CA)]
Body Mass Index (BMI) Screening and Follow-Up Plan	% : [Sum of ALL Grantees {Total Patients 18 and Older with (1) BMI documented and (2) follow-up plan documented if BMI is outside normal parameters* (Number of Patient with BMI Charted and Follow-Up Plan Documented as Appropriate/ Number of Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients 18 and Older with (1) BMI documented and (2) follow-up plan documented if BMI is outside normal parameters)]	% : [Sum of ALL Grantees {T6B_L13_CA * (T6B_L13_CC / T6B_L13_CB) }] / [Sum of ALL Grantees (T6B_L13_CA)]
Tobacco Use Screening and Cessation Intervention	% : [Sum of ALL Grantees {Total Patients Aged 18 and Older who (1) were screened for tobacco use one or more times within 24 months and if identified to be a tobacco user (2) received cessation counseling intervention* (Number of Patients Assessed for Tobacco Use and Provided Intervention if a Tobacco User/ Number of Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients Aged 18 and Older who (1) were screened for tobacco use one or more times within 24 months and if identified to be a tobacco user (2) received cessation counseling intervention)]	% : [Sum of ALL Grantees {T6B_L14a_CA * (T6B_L14a_CC / T6B_L14a_CB) }] / [Sum of ALL Grantees (T6B_L14a_CA)]
Colorectal Cancer Screening	% : [Sum of ALL Grantees {Total Patients Aged 50 through 75 years of age who had appropriate screening for colorectal cancer* (Number of Patients with Appropriate Screening for Colorectal Cancer / Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients Aged 50 through 75 years of age who had appropriate screening for colorectal cancer)]	% : [Sum of ALL Grantees {T6B_L19_CA * (T6B_L19_CC / T6B_L19_CB) }] / [Sum of ALL Grantees (T6B_L19_CA)]

Screening for Depression and Follow-Up Plan	% : [Sum of ALL Grantees {Total Patients Aged 12 and Older who were (1) screened for depression with a standardized tool and if screening was positive (2) had a follow-up plan documented* (Number of Patients Screened for Depression and Follow-Up Plan Documented as Appropriate / Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients Aged 12 and Older who were (1) screened for depression with a standardized tool and if screening was positive (2) had a follow-up plan documented)]	% : [Sum of ALL Grantees {T6B_L21_CA * (T6B_L21_CC / T6B_L21_CB) }] / [Sum of ALL Grantees (T6B_L21_CA)]
Cervical Cancer Screening	% : [Sum of ALL Grantees {Total Female Patients Aged 23 through 64 who received one or more Pap tests to screen for cervical cancer* (Number of Patients Tested / Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Female Patients Aged 23 through 64 who received one or more Pap tests to screen for cervical cancer)]	% : [Sum of ALL Grantees {T6B_L11_CA * (T6B_L11_CC / T6B_L11_CB) }] / [Sum of ALL Grantees (T6B_L11_CA)]
Childhood Immunization Status	% : [Sum of ALL Grantees {Total Patients with 2nd Birthday who received age appropriate vaccines * (Number of Patients Immunized / Number Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients with 2nd Birthday who received age appropriate vaccines)]	% : [Sum of ALL Grantees {T6B_L10_CA * (T6B_L10_CC / T6B_L10_CB) }] / [Sum of ALL Grantees (T6B_L10_CA)]
Dental Sealants for Children between 6-9 Years	% : [Sum of ALL Grantees {Total Patients Aged 6 through 9 at Moderate to High Risk for Caries* (Number of Patients with Sealants to First Molars/ Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients Aged 6 through 9 at Moderate to High Risk for Caries)]	% : [Sum of ALL Grantees {T6B_L22_CA * (T6B_L22_CC / T6B_L22_CB) }] / [Sum of ALL Grantees (T6B_L22_CA)]
Chronic Disease Management		
Use of Appropriate Medications for Asthma	% : [Sum of ALL Grantees {Total Patients Aged 5 through 64 with Persistent Asthma and were appropriately prescribed medication during the measurement period* (Number of Patients with Acceptable Plan / Number Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients Aged 5 through 64 with Persistent Asthma and were appropriately prescribed medication during the measurement period)]	% : [Sum of ALL Grantees {T6B_L16_CA * (T6B_L16_CC / T6B_L16_CB) }] / [Sum of ALL Grantees (T6B_L16_CA)]
Coronary Artery Disease (CAD): Lipid Therapy	% : [Sum of ALL Grantees {Total Patients Aged 18 and Older with CAD Diagnosis who were prescribed a lipid lowering therapy* (Number Of Patients Prescribed A Lipid Lowering Therapy / Number Charts Sampled Or EHR Total) }] / [Sum of ALL Grantees (Total Patients Aged 18 and Older with CAD Diagnosis who were prescribed a lipid lowering therapy)]	% : [Sum of ALL Grantees {T6B_L17_CA * (T6B_L17_CC / T6B_L17_CB) }] / [Sum of ALL Grantees (T6B_L17_CA)]
Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet	% : [Sum of ALL Grantees { Total Patients Aged 18 And Older With IVD Diagnosis or AMI, CABG, or PCI Procedure * (Numbers of Patients with Aspirin or Other Antiplatelet Therapy / Number of Charts Sampled or EHR total) }] / [Sum of ALL Grantees (Total Patients Aged 18 And Older With IVD Diagnosis or AMI, CABG, or PCI Procedure)]	% : [Sum of ALL Grantees {T6B_L18_CA * (T6B_L18_CC / T6B_L18_CB) }] / [Sum of ALL Grantees (T6B_L18_CA)]
HIV Linkage to Care	% : [Sum of ALL Grantees {Total Patients First Diagnosed with HIV* (Number of Patients Seen Within 90 Days of First Diagnosis of HIV/ Number of Charts Sampled or EHR Total) }] / [Sum of ALL Grantees (Total Patients First Diagnosed with HIV)]	% : [Sum of ALL Grantees {T6B_L20_CA * (T6B_L20_CC / T6B_L20_CB) }] / [Sum of ALL Grantees (T6B_L20_CA)]
Controlling High Blood Pressure (hypertensive patients with blood pressure < 140/90)	% : [Sum of ALL Grantees {Total Patients 18 through 85 Years of Age with Hypertension* (Total Patients with HTN controlled)/ Total Charts Sampled or EHR total) }] / [Sum of ALL Grantees (Total Patients 18 through 85 Years of Age with Hypertension)]	% : [Sum of ALL Grantees {T7_Li_C2a * (T7_Li_C2c)/T7_Li_C2b) }] / [Sum of ALL Grantees (T7_Li_C2a)]
Diabetes: Hemoglobin A1c Poor Control (diabetic patients with HbA1c > 9%) or No Test During Year	% : [Sum at each grantee level Total Patients 18 through 75 Years of Age with Diabetes * (Total Patients with Hba1c >9% Or No Test During Year / Total Charts Sampled or EHR total) / [Sum at National or State level (Total Patients 18 through 75 Years of Age with Diabetes)]	% : [Sum at each grantee level T7_Li_C3a * (T7_Li_C3f / T7_Li_C3b) / [Sum at National or State level (T7_Li_C3a)]

Measure	Formula Description	Formula
Costs		
Total Cost (excluding donations)	\$: Total Accrued Costs After Allocation Of Facility And Non-Clinical Support Services Support Services	\$: T8A_L17_CC
Medical	\$: Total Cost for Medical Staff After Allocation of Facility and Non-Clinical Support Services + Total Medical/Other Direct Cost After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L1_CC+T8A_L3_CC
Dental	\$: Total Cost for Dental After Allocation Of Facility And Non-Clinical Support Services	\$: T8A_L5_CC
Mental Health	\$: Total Cost for Mental Health After Allocation Of Facility And Non-Clinical Support Services	\$: T8A_L6_CC
Substance Abuse	\$: Total Cost for Substance Abuse After Allocation Of Facility And Non-Clinical Support Services	\$: T8A_L7_CC
Pharmacy	\$: Total Cost for Pharmacy not including pharmaceuticals After Allocation of Facility and Non-Clinical Support Services+ Total Cost for Pharmaceuticals After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L8a_CC+T8A_L8b_CC
Lab and X-Ray	\$: Total Cost for Lab and X-ray After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L2_CC
Vision	\$: Total Cost for Vision After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L9a_CC
Enabling Services	\$: Total Enabling Services Cost After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L11_CC
Other Related Services	\$: Total Cost for Other Enabling Services After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L12_CC
Quality Improvement	\$: Total Cost for Quality Improvement After Allocation of Facility and Non-Clinical Support Services	\$: T8A_L12a_CC
Non-Clinical Support Services	\$: Total Accrued Cost for Non-Clinical Support Services	\$: T8A_L15_CA
Facility	\$: Total Accrued Cost for Facility	\$: T8A_L14_CA
Cost per Patient		
Total Cost per Total Patient	\$: Total Accrued Costs After Allocation Of Facility And Non-Clinical Support Services Support Services /(Total Male Patients + Total Female Patients)	\$: T8A_L17_CC/(T3A_L39_CA+T3A_L39_CB)
Medical Cost per Medical Patient	\$: (Total Cost for Medical Staff After Allocation of Facility and Non-Clinical Support Services + Total Medical/Other Direct Cost After Allocation of Facility and Non-Clinical Support Services)/ Total Medical Patients	\$: (T8A_L1_CC+T8A_L3_CC)/T5_L15_CC
Dental Cost per Dental Patient	\$: Total Cost for Dental After Allocation Of Facility And Non-Clinical Support Services / Total Dental Services Patients	\$: T8A_L5_CC/T5_L19_CC
Mental Health Cost per Mental Health Patient	\$: Total Cost for Mental Health After Allocation Of Facility And Non-Clinical Support Services / Total Mental Health Patients	\$: T8A_L6_CC/T5_L20_CC
Substance Abuse Cost per Substance Abuse Patient	\$: Total Cost for Substance Abuse After Allocation Of Facility And Non-Clinical Support Services / Substance Abuse Services Patients	\$: T8A_L7_CC/T5_L21_CC
Vision Cost per Vision Patient	\$: Total Cost for Vision After Allocation of Facility and Non-Clinical Support Services / Total Vision Services Patients	\$: T8A_L9a_CC/T5_L22d_CC
Enabling Cost per Enabling Patient	\$: Total Enabling Services Cost After Allocation of Facility and Non-Clinical Support Services / Total Enabling Services Patients	\$: T8A_L11_CC / T5_L29_CC
Cost per Visit		
Total Cost per Total Visit	\$: Total Accrued Costs After Allocation Of Facility And Non-Clinical Support Services Support Services /(Total Clinic Visits)	\$: T8A_L17_CC/(T5_L34_CB)
Medical Cost per Medical Visit	\$: (Total Cost for Medical Staff After Allocation of Facility and Non-Clinical Support Services+Total Medical/Other Direct Cost After Allocation of Facility and Non-Clinical Support Services)/ (Total Clinic Visits for Medical- Total Clinic Visits for Nurses)	\$: (T8A_L1_CC+T8A_L3_CC)/(T5_L15_CB-T5_L11_CB)
Dental Cost per Dental Visit	\$: Total Cost for Dental After Allocation Of Facility And Non-Clinical Support Services /Total Clinic Visits for Dental Services	\$: T8A_L5_CC/T5_L19_CB

Mental Health Cost per Mental Health Visit	\$: Total Cost for Mental Health After Allocation Of Facility And Non-Clinical Support Services /Total Clinic Visits for Mental Health	\$: T8A_L6_CC/T5_L20_CB
Substance Abuse Cost per Substance Abuse Visit	\$: Total Cost for Substance Abuse After Allocation Of Facility And Non-Clinical Support Services /Total Clinic Visits for Substance Abuse Services	\$: T8A_L7_CC/T5_L21_CB
Vision Cost per Vision Visit	\$: Total Cost for Vision After Allocation of Facility and Non-Clinical Support Services / Total Clinic Visits for Vision Services	\$: T8A_L9a_CC/T5_L22d_CB
Enabling Cost per Enabling Visit	\$: Total Enabling Services Cost After Allocation of Facility and Non-Clinical Support Services / Total Clinic Visits for Enabling Services	\$: T8A_L11_CC / T5_L29_CB

Measure	Formula Description	Formula
Revenue and Adjustments		
Total Revenue	\$: (Total Amount Collected This Period + Total Revenue Amount)	\$: (T9D_L14_CB + T9E_L11_CA)
Grant Revenue	\$: (Total BPHC Grants Amount + Total Other Federal Grants Amount+ State Government Grants and Contracts Amount+ Local Government Grants and Contracts Amount+Foundation/Private Grants and Contracts Amount)	\$: (T9E_L1_CA + T9E_L5_CA + T9E_L6_CA + T9E_L7_CA + T9E_L8_CA)
Federal	\$: (Total Amount of BPHC Grants+ Total Amount of Other Federal Grants)	\$: (T9E_L1_Ca + T9E_L5_Ca)
Health Center Service Grants	\$: Total Health Center Amount	\$: T9E_L1g_Ca
Capital Improvement Program Grants	\$: Capital Improvement Program Grants Amount+ Capital Development Grants Amount	\$: T9E_L1j_Ca + T9E_L1k_Ca
Other Federal Grants	\$: Ryan White Part C HIV Early Intervention Amount+ Other Federal Grants Amount	\$: T9E_L2_Ca + T9E_L3_Ca
Medicare and Medicaid EHR Incentive Payments for Eligible Providers	\$: Medicare and Medicaid EHR Incentive Payments for Eligible Providers Amount	\$: T9E_L3a_Ca
Non-Federal Grants	\$: (State Government Grants and Contracts Amount + Local Government Grants and Contracts Amount + Foundation/Private Grants and Contracts Amount)	\$: (T9E_L6_CA + T9E_L7_CA + T9E_L8_CA)
State and Local Grants/Contracts	\$: (State Government Grants and Contracts Amount + Local Government Grants and Contracts Amount)	\$: (T9E_L6_CA + T9E_L7_CA)
Foundation/Private Grants/Contracts	\$: Foundation/Private Grants and Contracts Amount	\$:T9E_L8_CA
Revenue from Service to Patients	\$: Total Amount Collected This Period	\$:T9D_L14_CB
Self-Pay Patients	\$: Self Pay Amount Collected This Period	\$:T9D_L13_CB
Third-Party Payers	\$: Total Medicaid Amount Collected This Period + Total Medicare Amount Collected This Period + Total Other Public Amount Collected This Period + Total Private Amount Collected This Period	\$:T9D_L3_CB + T9D_L6_CB + T9D_L9_CB + T9D_L12_CB
Medicaid	\$: Total Medicaid Amount Collected This Period	\$:T9D_L3_CB
Medicare	\$: Total Medicare Amount Collected This Period	\$:T9D_L6_CB
Other Public	\$: Total Other Public Amount Collected This Period	\$:T9D_L9_CB
Other (Private) Third-Party	\$: Total Private Amount Collected This Period	\$: T9D_L12_CB
Revenue from Indigent Care Programs	\$: State/Local Indigent Care Programs Amount	\$:T9E_L6A_CA
Other Revenue	\$: Other Revenue (Non-patient related revenue not reported elsewhere) Amount	\$:T9E_L10_CA
Total Revenue minus Total Cost	\$: (Total Amount Collected This Period + Total Revenue Amount)- Total Accrued Costs After Allocation Of Facility And Non-Clinical Support Services Support Services	\$: (T9D_L14_CB+T9E_L11_CA)-T8A_L17_CC
Sliding Fee Discounts	\$: Total Sliding Discounts	\$:T9D_L14_CE
Bad Debt	\$: Total Bad Debt Write Off	\$:T9D_L14_CF

Health Center Performance Comparison Report

Measure Name	Formula Description	Health Center	Healthy People 2020 Goals	Formula Description	Averages							Health Center Adjusted Quartile
					State	National	Urban/Rural	Size	Sites	Special Population Agricultural Workers	Special Population Homeless	
Quality of Care Indicators/Health Outcomes												
Early Entry into Prenatal Care												
Access to Prenatal Care (first prenatal visit in 1st trimester)	(Women Having First Visit with Health Center in First Trimester + Women Having First Visit with Another Provider in First Trimester)/ Total Number of Patients	(T6B_L7_CA +T6B_L7_CB)/ T6B_L6_CA		(Women Having First Visit with Health Center in First Trimester + Women Having First Visit with Another Provider in First Trimester)/ Total Number of Patients	(T6B_L7_CA+T6B_L7_CB)/T6B_L6_CA							
Low Birth Weight (Live births < 2500 grams)	(Total Live Births < 1500 grams + Total Live Births 1500 - 2499 grams)/ (Total Live Births < 1500 grams + Total Live Births 1500 - 2499 grams + Total Live Births >= 2500 grams)	(T7_Li_C1b + T7_Li_C1c) / (T7_Li_C1b+ T7_Li_C1c+T7_Li_C1d)		(Total Live Births < 1500 grams + Total Live Births 1500 - 2499 grams)/ (Total Live Births < 1500 grams + Total Live Births 1500 - 2499 grams + Total Live Births >= 2500 grams)	(T7_Li_C1b + T7_Li_C1c)/(T7_Li_C1b+T7_Li_C1c+T7_Li_C1d)							
Preventative Health Screenings and Services												
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	Number of patients with Counseling and BMI Documented / Number Charts Sampled or EHR Total	T6B_L12_CC / T6B_L12_CB		[Sum at each Health Center level {Total Patients Aged 3 through 17 with a BMI percentile, and counseling on nutrition and physical activity documented * (Number of patients with Counseling and BMI Documented / Number Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 3 through 17 with a BMI percentile, and counseling on nutrition and physical activity documented)]	[Sum at each Health Center level {T6B_L12_CA * (T6B_L12_CC / T6B_L12_CB)}] / [Sum at National or State level (T6B_L12_CA)]							

<p>Body Mass Index (BMI) Screening and Follow-Up Plan</p>	<p>Number of patients with BMI Charted and Follow-Up Plan Documented as Appropriate / Number Charts Sampled or EHR Total</p>	<p>T6B_L13_CC / T6B_L13_CB</p>	<p>[Sum at each Health Center level {Total patients 18 years of age and older with (1) BMI documented and (2) follow-up plan documented if BMI is outside normal parameters * (Number of patients with BMI Charted and Follow-Up Plan Documented as Appropriate / Number Charts Sampled or EHR Total)}} / [Sum at National or State level (Total patients 18 years of age and older with (1) BMI documented and (2) follow-up plan documented if BMI is outside normal parameters)]</p>	<p>[Sum at each Health Center level {T6B_L13_CA * (T6B_L13_CC / T6B_L13_CB)}} / [Sum at National or State level (T6B_L13_CA)]</p>	
<p>Tobacco Use Screening and Cessation Intervention</p>	<p>Number of patients assessed for tobacco use and provided intervention if a tobacco user / Number Charts Sampled or EHR Total</p>	<p>T6B_L14a_C C / T6B_L14a_C B</p>	<p>[Sum at each Health Center level {Total patients 18 years of age and older who (1) were screened for tobacco use one or more times within 24 months and if identified to be a tobacco user (2) received cessation counseling intervention * (Number of patients assessed for tobacco use and provided intervention if a tobacco user / Number Charts Sampled or EHR Total) }]/[Sum at National or State level (Total patients 18 years of age and older who (1) were screened for tobacco</p>	<p>[Sum at each Health Center level {T6B_L14a_CA * (T6B_L14a_CC / T6B_L14a_CB) }]/[Sum at National or State level (T6B_L14a_CA)]</p>	

				use one or more times within 24 months and if identified to be a tobacco user (2) received cessation counseling intervention))]	
Colorectal Cancer Screening	Number of Patients with Appropriate Screening for Colorectal Cancer / Charts Sampled or EHR Total	T6B_L19_CC / T6B_L19_CB		[Sum at each Health Center level {Total Patients Aged 50 through 75 who had appropriate screening for colorectal cancer * (Number of Patients with Appropriate Screening for Colorectal Cancer / Charts Sampled or EHR Total)}} / [Sum at National or State level (Total Patients Aged 50 through 75 who had appropriate screening for colorectal cancer)]	[Sum at each Health Center level {T6B_L19_CA * (T6B_L19_CC / T6B_L19_CB)}} / [Sum at National or State level (T6B_L19_CA)]
Screening for Depression and Follow-Up Plan	Number of Patients Screened for Depression and Follow-Up Plan Documented as Appropriate / Charts Sampled or EHR Total	T6B_L21_CC / T6B_L21_CB		[Sum at each Health Center level {Total Patients Aged 12 and older who were (1) screened for depression with a standardized tool and, if screening was positive, (2) had a follow-up plan documented * (Number of Patients Screened for Depression and Follow-Up Plan Documented as Appropriate / Charts Sampled or EHR Total) }] / [Sum at National or State level (Total Patients Aged	[Sum at each Health Center level {T6B_L21_CA * (T6B_L21_CC / T6B_L21_CB) }] / [Sum at National or State level (T6B_L21_CA)]

				12 and older who were (1) screened for depression with a standardized tool and, if screening was positive, (2) had a follow-up plan documented)]	
Cervical Cancer Screening	Number of Patients Tested / Number Charts Sampled or EHR Total	T6B_L11_CC / T6B_L11_CB		[Sum at each Health Center level {Total Female Patients Aged 23 through 64 * (Number of Patients Tested / Number Charts Sampled or EHR Total)}} / [Sum at National or State level (Total Female Patients Aged 23 through 64)]	[Sum at each Health Center level {T6B_L11_CA * (T6B_L11_CC / T6B_L11_CB)}} / [Sum at National or State level (T6B_L11_CA)]
Childhood Immunization Status	Number of Patients Immunized / Number Charts Sampled or EHR Total	T6B_L10_CC / T6B_L10_CB		[Sum at each Health Center level {Total Patients with 2nd Birthday * (Number of Patients Immunized / Number Charts Sampled or EHR Total)}} / [Sum at National or State level (Total Patients with 2nd Birthday)]	[Sum at each Health Center level {T6B_L10_CA * (T6B_L10_CC / T6B_L10_CB)}} / [Sum at National or State level (T6B_L10_CA)]

Dental Sealants for Children between 6-9 Years	Number of Patients with Sealants to First Molars / Charts Sampled or EHR Total	T6B_L22_CC / T6B_L22_CB	[Sum at each Health Center level {Total Patients Aged 6 through 9 at Moderate to High Risk for Caries * (Number of Patients with Sealants to First Molars / Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 6 through 9 at Moderate to High Risk for Caries)]	[Sum at each Health Center level {T6B_L22_CA * (T6B_L22_CC / T6B_L22_CB)}] / [Sum at National or State level (T6B_L22_CA)]	
Chronic Disease Management					
Use of Appropriate Medications for Asthma	Number of Patients with Acceptable Plan / Number Charts Sampled or EHR Total	T6B_L16_CC / T6B_L16_CB	[Sum at each Health Center level {Total Patients Aged 5 through 64 with Persistent Asthma * (Number of Patients with Acceptable Plan / Number Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 5 through 64 with Persistent Asthma)]	[Sum at each Health Center level {T6B_L16_CA * (T6B_L16_CC / T6B_L16_CB)}] / [Sum at National or State level (T6B_L16_CA)]	
Coronary Artery Disease (CAD): Lipid Therapy	Number of Patients Prescribed A Lipid Lowering Therapy / Number Charts Sampled or EHR Total	T6B_L17_CC / T6B_L17_CB	[Sum at each Health Center level {Total Patients Aged 18 and Older with CAD Diagnosis * (Number of Patients Prescribed A Lipid Lowering Therapy / Number Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 18 and Older with CAD Diagnosis)]	[Sum at each Health Center level {T6B_L17_CA * (T6B_L17_CC / T6B_L17_CB)}] / [Sum at National or State level (T6B_L17_CA)]	

<p>Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet</p>	<p>Number of Patients with Documentation of Aspirin or Other Antiplatelet Therapy / Charts Sampled or EHR Total</p>	<p>T6B_L18_CC / T6B_L18_CB</p>	<p>[Sum at each Health Center level {Total Patients Aged 18 and Older with IVD Diagnosis or AMI, CABG, or PCI Procedure * (Number of Patients with Documentation of Aspirin or Other Antiplatelet Therapy / Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients Aged 18 and Older with IVD Diagnosis or AMI, CABG, or PCI Procedure)]</p>	<p>[Sum at each Health Center level {T6B_L18_CA * (T6B_L18_CC / T6B_L18_CB)}] / [Sum at National or State level (T6B_L18_CA)]</p>	
<p>HIV Linkage to Care</p>	<p>Number of Patients Seen Within 90 Days of First Diagnosis of HIV / Charts Sampled or EHR Total</p>	<p>T6B_L20_CC / T6B_L20_CB</p>	<p>[Sum at each Health Center level {Total Patients First Diagnosed with HIV * (Number of Patients Seen Within 90 Days of First Diagnosis of HIV / Charts Sampled or EHR Total) }] / [Sum at National or State level (Total Patients First Diagnosed with HIV)]</p>	<p>[Sum at each Health Center level {T6B_L20_CA * (T6B_L20_CC / T6B_L20_CB) }] / [Sum at National or State level (T6B_L20_CA)]</p>	
<p>Controlling High Blood Pressure (Hypertensive Patients with Blood Pressure < 140/90)</p>	<p>Patients with HTN Controlled / Charts Sampled or EHR Total</p>	<p>T7_Li_C2c / T7_Li_C2b</p>	<p>[Sum at each Health Center level {Total Patients 18 through 85 Years of Age with Hypertension * (Patients with HTN Controlled / Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients 18 through 85 Years of Age with Hypertension)]</p>	<p>[Sum at each Health Center level {T7_Li_C2a * (T7_Li_C2c / T7_Li_C2b)}] / [Sum at National or State level (T7_Li_C2a)]</p>	

Diabetes: Hemoglobin A1c Poor Control (Diabetic Patients with HbA1c > 9%) or No Test During Year	Patients with HbA1c >9% or No Test During Year / Charts Sampled or EHR Total	T7_Li_C3f/ T7_Li_C3b		[Sum at each Health Center level {Total Patients 18 through 75 Years of Age with Diabetes * (Patients with HbA1c >9% or No Test During Year / Charts Sampled or EHR Total)}] / [Sum at National or State level (Total Patients 18 through 75 Years of Age with Diabetes)]	[Sum at each Health Center level {T7_Li_C3a * (T7_Li_C3f / T7_Li_C3b)}] / [Sum at National or State level (T7_Li_C3a)]	1-([Sum at each Health Center level {T7_Li_C3a * (T7_Li_C3f / T7_Li_C3b)}] / [Sum at National or State level (T7_Li_C3a])
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Formula Description	Averages								National Percentiles		
	State	National	Urban	Size	Sites 1	Special population Agricultural Worker ²	Special population Homeless ³	25th	Median	75th	
				< 5,000	2-5	25% or more patients	Below 25% patients				
COSTS											
Cost per Patient											
Total Cost per Total Patient	Total Accrued Cost After Allocation of Facility and Non-Clinical Support Services / (Total Male Patients + Total Female Patients)	T8A_L17_CC/(T3A_L39_CA+T3A_L39_CB)						Excel	Percentile	(Formula,X)	
Medical Cost per Medical Patient	Total Cost After Allocation of Facility and Non-Clinical Support Services for (Medical Staff + Medical/Other Direct)/ Total Medical Patients	(T8A_L1+L3_CC)/T5_L15_CC						Excel	Percentile	(Formula,X)	
Dental Cost per Dental Patient	Total Cost After Allocation of Facility and Non-Clinical Support Services for Dental / Total Dental Services Patients	T8A_L5_CC/T5_L19_CC						Excel	Percentile	(Formula,X)	
Mental Health Cost per Mental Health Patient	Total Cost After Allocation of Facility and Non-Clinical Support Services for Mental Health / Total Mental Health Patients	T8A_L6_CC/T5_L20_CC						Excel	Percentile	(Formula,X)	

Substance Abuse Cost per Substance Abuse Patient	Total Cost After Allocation of Facility and Non-Clinical Support Services for Substance Use Disorder / Substance Use Disorder Services Patients	$T8A_L7_CC/T5_L21_CC$	Excel	Percentile	(Formula,X)
Vision Cost per Vision Patient	Total Cost After Allocation of Facility and Non-Clinical Support Services for Vision / Total Vision Services Patients	$T8A_L9a_CC/T5_L22d_CC$	Excel	Percentile	(Formula,X)
Enabling Services Cost per Enabling Patient	Total Enabling Services Cost After Allocation of Facility and Non-Clinical Support Services / Total Enabling Services Patients	$T8A_L11_CC/T5_L29_CC$	Excel	Percentile	(Formula,X)
Cost per Visit					
Total Cost per Total Visit	Total Accrued Cost After Allocation of Facility and Non-Clinical Support Services /(Total Clinic Visits)	$T8A_L17_CC/(T5_L34_CB)$	Excel	Percentile	(Formula,X)
Medical Cost per Medical Visit	(Total Cost After Allocation of Facility and Non-Clinical Support Services for Total Medical Care Services-Total Cost After Allocation of Facility and Non-Clinical Support Services for Lab and X-ray)/(Total Medical Clinic Visits-Nurses Clinic Visits)	$(T8A_L4_CC-T8A_L2_CC)/(T5_L15_CB-T5_L11_CB)$	Excel	Percentile	(Formula,X)
Dental Cost per Dental Visit	Total Cost After Allocation of Facility and Non-Clinical Support Services for Dental / Total Dental Services Clinic Visits	$T8A_L5_CC/T5_L19_CB$	Excel	Percentile	(Formula,X)
Mental Health Cost per Mental Health Visit	Total Cost After Allocation of Facility and Non-Clinical Support Services for Mental Health / Total Mental Health Clinic Visits	$T8A_L6_CC/T5_L20_CB$	Excel	Percentile	(Formula,X)

Substance Abuse Cost per Substance Abuse Visit	Total Cost After Allocation of Facility and Non-Clinical Support Services for Substance Use Disorder / Total Substance Use Disorder Clinic Visits	T8A_L7_CC/T5_L21_CB	Excel	Percentile	(Formula,X)
Vision Cost per Vision Visit	Total Cost After Allocation of Facility and Non-Clinical Support Services for Vision / Total Vision Clinic Visits	T8A_L9a_CC/T5_L22d_CB	Excel	Percentile	(Formula,X)
Enabling Services Cost per Enabling Visit	Total Enabling Services Cost After Allocation of Facility and Non-Clinical Support Services / Total Enabling Services Clinic Visits	T8A_L11_CC / T5_L29_CB	Excel	Percentile	(Formula,X)

New Classifications		
¹ Sites:		Blank Count of Permanent sites that are ACTIVE as of the last day of that calendar year (12/31/2017). This count excludes Admin only and To-be Verified types of sites.
1		
2-5		
6-10		
11-15		
16-20		
>20		
Special Population:		Blank
² Agricultural Workers		Special Population Agricultural Workers category is based on whether or not Agricultural Workers/ Seasonal Agricultural Worker patients account for >=25% or <25% of total Health Center patient population. Determination based on the formula: T4_L16_CA/(T3A_L39_CA + T3A_L39_CB)
25% or more patients	Total Agricultural Workers or Dependent Patients / (Total Male Patients + Total Female Patients)	
Below 25% patients		
³ Homeless		Special Population Homeless category is based on whether or not Homeless patients account for >=25% or <25% of total Health Center patient population. Determination based on the formula:T4_L23_CA/(T3A_L39_CA + T3A_L39_CB)
25% or more patients	Total Homeless Patients/ (Total Male Patients + Total Female Patients)	
Below 25% patients		
		⁴ Refer to http://www.healthypeople.gov/2020/default.aspx for more information. A dash indicates that the clinical measure does not exactly align with any existing Healthy People 2020 goal.
		⁵ Health Center adjusted quartile results from a statistical model adjusting for special populations, uninsured and minority patients, and EHR use. Clinical performance for each measure is ranked from Quartile 1, highest 25% of reporting health centers, to Quartile 4, lowest 25% of reporting health centers.

Size:		Blank
<5,000	Total Male Patients + Total Female Patients	Determination based on formula: T3A_L39_CA + T3A_L39_CB
5,000-9,999		
10,000-19,999		
20,000-49,999		
50,000+		