Work Plan for Refreshing, Monitoring, and Analyzing Community Health Assessment Data

# Purpose

The purpose of this work plan is to provide a continuous effort to better understand the health of the population of Yolo County through the collection of information and data. This plan serves as a guide to establish a timeline to refresh the Community Health Assessment (CHA) data, analyze trends, and provide a biannual update.

# Background

The Healthy Yolo CHA is the regular and systematic collection, analysis, and dissemination of information on the health of Yolo County residents. Health indicator data are reported at the county level and, where available, at the city, region, or school district level. Additionally, where possible, health indicators are stratified by sex, age, race/ethnicity, and/or income level. Examining data stratified by these demographics allows for the identification of unique issues to facilitate targeted interventions.

# Data

## Secondary Data

The secondary data consist of more than 130 health indicators over 11 broad-based categories. These categories include:

* Demographics
* Social and Economic Circumstances
* Quality of Life
* Social and Mental Health
* Physical Environment
* Health Care and Preventive Services
* Maternal and Child Health
* Health Behaviors
* Communicable Disease
* Health Outcomes
* Mortality

The secondary health indicators have been organized by the data source (see Appendix A). The frequency of the data release is typically annually during the latter end of the calendar year. The California Health Interview Survey is released every two years. There are 22 health indicators collected from this survey.

## Primary Data

The primary data consists of the three MAPP assessments: the Healthy Yolo Community Themes and Strengths Assessment (CTSA) survey; Local Public Health System Assessment; and Forces of Change Assessment. The primary data will be conducted every five years at the onset of the Mobilizing for Action through Planning and Partnerships (MAPP) process.

# Work Plan

## Refresh Data Every Two Years

The CHA data will be updated every two years beginning in January of that year. The Healthy Yolo core team will collect and organize the data and update the existing spreadsheet tables.

## Prepare Data for Analysis

The data collected will be analyzed for overall patterns and trends in order to determine if significant increases or decreases have occurred. Special attention will be placed on those health indicators identified in the Community Health Improvement Plan to determine if they meet specifically stated outcomes. The 2014 CHA will serve as baseline data from which future trends can be identified.

## Report Biannual Summary

Healthy Yolo will present a biannual report that utilizes easy to understand descriptions and tables to demonstrate the most important data items. In addition, graphs and info-graphics will be utilized to illustrate data.

The biannual CHA summary will be distributed to Healthy Yolo stakeholders, the media, elected officials, and community at large through multiple communication methods.

# Health Indicator List

The health indicators used for the CHA will be updated every five years based on their relevancy, use, availability, and reliability. The Community Health Status Assessment Subcommittee along with the Healthy Yolo core team will be charged with updating the CHA health indicators.

# Appendix A

CHA Secondary Data Sources and Frequency

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| Data Source | Health Indicator | Frequency |
| U.S. Census Bureau, American Community Survey. | Age | Annually (December) |
| Below Poverty Level (children, families, total) |
| Educational Attainment |
| Foreign Born |
| Household Composition |
| Household Costs |
| Income |
| Median Household Income |
| Primary Language Spoken at Home and Proficiency |
| Race/Ethnicity |
| Undocumented Immigrants |
| Sex |
| US Decennial Census, DP-1: Profile of General Demographic Characteristics | Net change in population | Every 10 years |
| U.S. Department of Housing & Urban Development | Annual Homeless | Annual Homeless Assessment Report (December) |
| US Department of Labor, Bureau of Labor Statistics. | Unemployment | Annually (December) |
| California Department of Education, DataQuest. | English Language Learners | Annually (December) |
| 3rd Grade Proficiency | Annually (August) |
| Graduation Rate |
| Algebra I Proficiency |
| Behavioral Risk Factor Surveillance System. | Mentally Unhealthy Days | Annually (July) |
| Breast Cancer Screening (Mammogram) |
| Cervical Cancer Screening (Pap Test) |
| Fruit & Vegetable Consumption |
| Lack of Exercise |
| Poor Dental Health |
| Dental Care Utilization |
| California Department of Education, California Healthy Kids Survey. Accessed through kidsdata.org | Depression Related Feelings - Youth | Annually (November) |
| Adolescent Smoking |
| Adolescent Use of Alcohol |
| Marijuana Use |
| Community Connectedness |
| School Connectedness |
| Seriously Considered Suicide |
| UCLA Center for Health Policy Research, California Health Interview Survey. | Asthma Diagnoses and Emergency Room/Urgent Care Visits | Every 2 Years (Winter) |
| Binge Drinking |
| Colon Cancer Screening (Sigmoid/Colonoscopy) |
| Diabetes Prevalence |
| Diabetes Management (Hemoglobin A1c Test) |
| Fast Food Consumption |
| Fruit & Vegetable Consumption |
| General Health Status |
| Heart Disease |
| High Blood Pressure |
| High Blood Pressure Management |
| Inability or Delay in Obtaining Necessary Medical Care, or Prescription Medicines |
| Needed Help for Mental/Emotional Health or Use of Alcohol/ Drugs |
| Needed & Sought Help for Mental/Emotional and/or Alcohol-Drug Issues |
| Obesity |
| Overweight |
| Physical Activity at Least One Hour in Typical Week |
| Reason for Seeking Treatment (mental Health) |
| Regular Source of Primary Care |
| Soda Consumption |
| Stroke |
| Tobacco Use |
| Office of Statewide Health Planning & Development (OSHPD), county-of-residence patient discharge data provided on CD, 2012 and statewide summary AND OSHPD, 2011 (Yolo County) and 2012 Annual Utilization Report of Hospitals Database (ALIRTS reporting system) for the statewide summary | Psychiatric Admissions | Annually (Winter) |
| Office of Statewide Health Planning & Development (OSHPD) Hospital Utilization Data. | Licensed Hospital Beds | Annually (September) |
| Long-term Care Facility Beds |
| Special Tabulation by the State of California, Office of Statewide Health Planning and Development (Nov. 2013), California Department of Finance, 2000-2010 Estimates of Population. | Mental Health Issues - Youth | Annually (November) |
| California Dept. of Public Health, Office of Statewide Health Planning and Development, Patient Discharge Data; California Dept. of Finance, Race/Ethnic Population with Age and Sex Detail, 1990-1999, 2000-2010, 2010-2060; CDC, WISQARS (May 2013). | Self-Inflicted Hospitalizations |
| The county Death Statistical Master File (DSMF) obtained from CDPH Health Information and Strategic Planning (HISP). | Suicide Rate | Annually |
| State of California Department of Justice, Office of the Attorney General. Criminal Justice Profiles: Crimes and Clearances. | Felony Crimes and Arrests | Annually (Summer) |
| California Dept. of Justice, Criminal Justice Statistics Center, Monthly Arrest, and Citation Register (MACR) Data Files; CJSC published tables. | Juvenile Felony Arrests | Annually |
| Child Welfare Services Reports for California, U.C. Berkeley Center for Social Services Research. | Child Abuse and Neglect: Reports and Cases | Annually (March/April) |
| California Dept. of Justice, Criminal Justice Statistics Center, Domestic Violence-Related Calls for Assistance Database (1998-2009) and California Criminal Justice Profiles, 2010, 2011, and 2012. | Domestic Violence Calls | Annually (Summer) |
| Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. | Air Quality - Ozone | Annually |
| Air Quality - Particulate Matter 2.5 |
| Park Access | Annually, last available data from 2010 |
| California Department of Pesticide Regulation, Pounds of active ingredient by county. | Amount of pesticides per area | Annually (June) |
| California Dept. of Public Health, Division of Drinking Water and Environmental Management. | Water Quality Violations | Annually (July) |
| California Reportable Disease Information Exchange (CalREDIE) | Waterborne Disease | Annually |
| US Census Bureau, County Business Patterns. Additional data analysis by CARES. | Fast Food Access | Annually |
| Liquor Store Access |
| US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. | Low Food Access |
| Walk Score | Walkability | Annually (November) |
| Statewide Integrated Traffic Records Systems maintained by the California Highway Patrol. Accessed through the Transportation Injury Mapping System. | Pedestrian and Bicycle Accidents | Annually |
| US Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource File. | Licensed Primary Care Physicians | Annually (September) |
| Licensed Dentists |
| Office of Statewide Health Planning & Development (OSHPD) Hospital Utilization Data. | Licensed Hospital Beds | Annually (September) |
| Long-term Care Facility Beds |
| The U.S. Census Bureau's Small Area Health Insurance Estimates (SAHIE) program produces estimates of health insurance coverage for states and all counties. | Health Insurance | Every 2 years (Beginning of the year) 2012 report released in March 2014 |
| OSHPD PCC Utilization data. | Primary care services by community and migrant health centers | Annually (November) |
| California Department of Public Health, Immunization Branch, Kindergarten Assessment Results. | Age Appropriate Immunizations | Annually (September) |
| California Department of Public Health, Center for Health Statistics, Vital Statistics Section, Birth Statistical Master Files. | Entrance into Prenatal care in 1st trimester | Annually |
| CDPH In-Hospital Breastfeeding Initiation Data | Breastfeeding Support Initiation (in-hospital) | Annually |
| California Department of Public Health, Vital Statistics Section Health Information, and Strategic Planning (HISP). Local birth data accessed through Automated Vital Statistics System (AVSS). | Live Birth Rate | Annually (summer) |
| California Dept. of Public Health, Office of Health Information and Research, Vital Statistics Query System. | Births to Adolescents | Annually |
| Yolo County Health Department: Live Birth Profile Public, Yolo County. | Repeat Births to Teens | Annually |
| California Department of Public Health, Birth Statistical Master File (BSMF). Accessed through the Improved Perinatal Outcome Data Reports, County Profile Reports. | Very Low & Low Birth Weight | Annually |
| California Department of Public Health, Birth Cohort File. Accessed through the Improved Perinatal Outcome Data Reports, County Profile Reports. | Infant Mortality |
| Neonatal Mortality |
| Post Neonatal Mortality |
| California Department of Education, DataQuest - Physical Fitness Test. | Youth Aerobic Capacity | Annually (Fall) |
| Youth Body Composition |
| California Department of Public Health, STD Control Branch. Sexually Transmitted Diseases Data Tables. | Syphilis (primary and secondary) Cases | Annually |
| Chlamydia Cases |
| Gonorrhea Cases |
| Yolo County Health Department, Communicable Disease Statistics. | Tuberculosis | Annually |
| Hepatitis A Cases |
| Chronic Hepatitis B Cases |
| Chronic Hepatitis C Cases |
| National HIV Surveillance System. Accessed through Health Indicators Warehouse. | AIDS | Annually |
| California Breathing, Environmental Health Investigations Branch, California Dept. of Public Health using data from the California Office of Statewide Health Planning and Development (OSHPD) Patient Discharge Database, the California Dept. of Finance, and the U.S. Census Bureau. | Asthma Hospitalizations | Data available annually; specifically tabulated |
| Babey, S. H., et al. (2011). A patchwork of progress: Changes in overweight and obesity among California 5th-, 7th-, and 9th-graders, 2005-2010. Accessed through kidsdata.org | Overweight and Obese Students | California Department of Education Physical Fitness Test: Annual (Fall) |
| OSHPD ED exit data. | Chronic Lung Disease | Annually |
| California Cancer Registry. | All Cancers | Annually |
| Breast |
| Colon and Rectum |
| Lung and Bronchus |
| Prostate |
| Urinary Bladder |
| Uterus and Cervix |
| All Other Cancers |
| Special Tabulation by the State of California, Office of Statewide Health Planning and Development (Nov. 2012). | Hospital Discharges | Annually (November) |
| Institute for Health Metrics and Evaluation, US Health Map, Life Expectancy. | Life Expectancy | Last report published in July 2013 covered the United States from 1985-2010 |
| California Department of Public Health, Office of Health Information and Strategic Planning, Vital Statistics Query System. | Number of Deaths | Annually (Fall) |
| Death Rates |
| CDPH, Death Statistical Data Tables, Ten Leading Causes of Death. | Leading Causes of Death | Tables are posted as they are completed, last set of tables posted were for 2010 |
| Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death on CDC WONDER Online Database | Leading Causes of Death by Age, Sex, Ethnicity | \_\_\_ |
| Yolo County Health Department, Death Statistical Master File | Years of Potential Life Lost (YPLL) | Annually |