Welcome

- Name
- Agency or Organization
- Your favorite healthy activity in three words or less
2017 Working Group Outlook

- Summer/Fall 2017 – Listening Sessions
- Winter 2017 – Draft Public Health Framework
- Winter 2017/Spring 2018 – Local Input Process
- Spring 2019 – Official RTP/SCS Outreach
Public Health Framework

- Broad document summarizing Working Group Feedback
- Used for as a base for future outreach with regional stakeholders including sub-regions and county agencies
- Highlight focus areas for SCAG to begin early data collection and analysis
Listening Sessions

- Thematic review of focus areas in the plan
- Discussion of new possible analysis related to each area and identification of data needs
- Discussion of how the Health Analysis in the RTP/SCS can be improved as a planning tool for local jurisdictions and stakeholders
2016 RTP/SCS: Public Health Plan Analysis Focus Areas

- Physical Activity
- Affordable Housing
- Economic Opportunity
- Climate Adaptation
- Access
- Air Quality
- Transportation Safety
- Public Health Appendix

Listening Session Schedule

- March – Economy and Housing
- Summer – Climate and Air Quality
- Fall – Access and Physical Activity
- Winter – Draft Framework
Regional Transportation Plan

- Integrated Land-Use and Transportation Plan
- Developed through “bottoms-up” process that respects city control
- Aims to meet state-adopted GHG reduction targets for 2020, 2035
- First RTP/SCS adopted April 2012
- 2016 RTP/SCS adopted April 2016
Public Health Appendix

- 2016 – First time public health was called out in its own section of the plan
- Used existing performance measures
- Relied heavily on statewide data and policy frameworks
Health in All Policies

Health in All Policies is a collaborative approach to improving the health of all people by incorporating health, sustainability and equity considerations into decision-making across sectors and policy areas.

Health in All Policies: A Guide for State and Local Governments
Public Health Institute
Public Health Appendix

FIGURE 1 Social Determinants of Health


## Performance Measures

<table>
<thead>
<tr>
<th>Relevant Performance Measures</th>
<th>Public Health Focus Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metro</td>
<td>Accessibility</td>
</tr>
<tr>
<td>Additional jobs supported by improving competitiveness</td>
<td>Regional Economic Model REMI</td>
</tr>
<tr>
<td>Additional jobs supported by transportation investments</td>
<td>Regional Economic Model REMI</td>
</tr>
<tr>
<td>Net contribution to Gross Regional Product</td>
<td>Regional Economic Model REMI</td>
</tr>
<tr>
<td>Criteria pollutant and greenhouse gas emissions</td>
<td>Travel Demand Model NBB</td>
</tr>
<tr>
<td>Share of growth in high Quality Transit Areas (HQTAs)</td>
<td>RTP/SCS socio-economic small area data</td>
</tr>
<tr>
<td>Average distance for work and non-work trips</td>
<td>Travel Demand Model</td>
</tr>
<tr>
<td>Percent of trips less than 3 miles</td>
<td>Travel Demand Model</td>
</tr>
<tr>
<td>Work Trip Length Duration</td>
<td>Travel Demand Model</td>
</tr>
<tr>
<td>Land Consumption</td>
<td>Scenario Planning Model</td>
</tr>
<tr>
<td>Mode share of walking and bicycling</td>
<td>Travel Demand Model</td>
</tr>
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</table>
# Economic Opportunity

## TABLE 8  Plan Performance - Economic Opportunity*

<table>
<thead>
<tr>
<th>Metric</th>
<th>Result of Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional annual jobs supported by improving competitiveness</td>
<td>351,000+</td>
</tr>
<tr>
<td>Additional annual jobs supported by transportation investments</td>
<td>188,000+</td>
</tr>
<tr>
<td>Household Savings: Transportation Costs (fuel + auto)</td>
<td>13% less than 2040 Baseline</td>
</tr>
<tr>
<td>Household Savings: Utilities (energy + water)</td>
<td>9% less than 2040 Baseline</td>
</tr>
</tbody>
</table>

*Please see the Performance Measures Appendix for more information on data sources and methodology used to calculate these outcomes.
# Affordable Housing

<table>
<thead>
<tr>
<th>Performance Measures</th>
<th>2040 Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Household Transportation Costs (fuel + auto)</td>
<td>13% less than 2040 Baseline</td>
</tr>
<tr>
<td>Per Household Utilities (energy + water)</td>
<td>9% less than 2040 Baseline</td>
</tr>
<tr>
<td>Multifamily homes as percentage of all new home construction</td>
<td>67% Multifamily</td>
</tr>
</tbody>
</table>

*Please see the Performance Measures Appendix for more information on data sources and methodology used to calculate these outcomes.*
Rye Baerg
baerg@scag.ca.gov
The Social Determinants of Health

March 30, 2017
Meredith Lee, MPH
California Department of Public Health, Office of Health Equity
Overview

• Drivers of Health and Equity
• Health in All Policies
• Opportunities for engagement: State Grants, Programs, Plans, and Guidance
Factors Responsible for Population Health

Health status is determined by:

- Health care: 20%
- Behaviors: 30%
- Social circumstances: 40%
- Environment: 10%

Booske et al. 2010. Different Perspectives for Assigning Weights to Determinants of Health
Drivers of Health and Equity
Health in All Policies

A collaborative approach to improving the well-being of all people by incorporating health, equity, and sustainability considerations into decision-making across sectors and policy areas.
Health in All Policies
California Health In All Policies Task Force

Process:

• Consensus decision-making
• Focus on co-benefits
• Facilitated by California Department of Public Health, in partnership with Public Health Institute
Opportunities for Engagement

Data, Models, and Analysis
• Integrated Transport and Health Impact Model (ITHIM)
  – Statewide Model Report
• CalBRACE Climate Change and Health Profile Reports
• Healthy Communities Data and Indicators Project (HCI)

Grant Programs
• Active Transportation Program (Caltrans)
• Transformative Climate Communities (Strategic Growth Council)
• Affordable Housing and Sustainable Communities
  (Strategic Growth Council)
• Urban Greening Grants Program (CalFIRE)
Opportunities for Engagement

Guidance
• **Title V** (California Department of Education)
  – Tuesday, April 4 9am-12pm Fresno
  – Thursday, April 6 1pm-4pm Riverside
• **Statewide Housing Assessment** (Housing and Community Development)

Plans
• **Health in All policies Task Force Active Transportation Action Plan**
• **2017 Climate Change Scoping Plan Update**: the Proposed Strategy for Achieving California's 2030 Greenhouse Gas Target
• **Safeguarding California** (Climate Adaptation Plan) (Natural Resources)

Meetings
• **CA Climate Action Team Public Health Workgroup**
• **Office of Health Equity Advisory Committee Meetings**
Purpose:
• Support state goals of increasing opportunities for safe and accessible active transportation for all people.
• Reduce GHG emissions
• Promote health and equity

Approach:
• Multi-agency commitments (15+)
• No new programs – improves existing work
HiAP Task Force
Active Transportation Action Plan Highlights

1. Grant-making
2. Long-range planning documents
3. Disseminate materials
4. School environments
5. State employees
6. Metrics and statewide goal
For more information

Meredith Lee, MPH
Office of Health Equity
California Department of Public Health
Meredith.lee@cdph.ca.gov

HiAP Task Force website
http://sgc.ca.gov/s_hiap.php

Health in All Policies: A Guide for State and Local Governments
http://www.phi.org/resources/?resource=hiapguide
9 Local Health Departments:
- Orange
- Long Beach (City)
- Los Angeles
- Pasadena (City)
- Riverside
- Santa Barbara
- San Bernardino
- San Diego
- Ventura

Nearly 60% of CA Population
Public Health Alliance Vision

All Southern California communities are healthy, vibrant and sustainable places to live, work and play.
Priority Initiative Partners

Healthy Transportation

Initiative Activities
- Monthly working group calls
- Policy review and guidance
- Best practice establishment and collaboration

- **SCAG**: Southern California Association of Governments
- **SANDAG**: San Diego Association of Governments
- **Caltrans**
- **Metro**: Los Angeles Metropolitan Transportation Agency
- **WRCOG**: Western Riverside Council of Governments
- **OPR**: Governor’s Office of Planning and Research
Economic Opportunity and Health

• Access to income and wealth is one of the most important predictors of a person’s health, influencing overall health status, life expectancy, birth weights, cardiovascular diseases, asthma, lead-poisoning, obesity, overweight diabetes and other conditions.

• These impacts are especially strong near poverty
Mortality and Income: Low-Wage Workers

Economic Opportunity and Health

- **Basic Resources:** Reliable access to goods and services, including medical care, healthy food, quality housing, and education that help provide opportunities for the future.

- **Stress and Trauma:** Economic opportunity helps people avoid the trauma and chronic stressors of poverty, such as violence and insecure housing, employment and food.

- **Stability and Control:** Job insecurity can cause depression, anxiety and overall poor health. Workplace control and participation have been linked to better health outcomes.

- **Healthy Activity:** Time to engage with community, cook healthy meals, spend time with family and friends, go to medical appointments, and participate in physical activity and other healthy activities.

- **Healthy Places:** Economic opportunity can make it possible to afford living in places with health-supportive amenities like parks, good schools, employment, clean air, and safe streets.
The Built Environment and Economic Wellness: Housing and Transportation Cost Burden

Source: Center for Neighborhood Technology
The Built Environment and Economic Wellness: Job Accessibility

The Built Environment and Economic Wellness: Transit Job Creation

Source: Omnitrans
The Built Environment and Economic Wellness: Industrial and Commercial Jobs

Land Use Pattern Map - SCAG Region 2040, 2012RTP/SCS--Update With Local Input
By Scenario Planning Zone

Source: SCAG
Contact Information:

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510.529.1122
PHASoCal.org
Affordable Housing is Good for Your Health

Presented by Julie Bornstein
Executive Director
Coachella Valley Housing Coalition
WHAT IS AFFORDABLE HOUSING?

The government says housing is “affordable” if a family spends no more than 30% of their income to live there.
WHO NEEDS HOUSING THAT’S AFFORDABLE?

HOUSEHOLDS BELOW POVERTY LEVEL

Less than $13,450
For an individual
People living below poverty level including the elderly and people with disabilities who live on fixed incomes such as Social Security

LOW-WAGE WORKERS

Less than $22,400
For an individual
Childcare providers, nurses aides, bus drivers, retail service people, cashiers, cooks, custodians, farmworkers

LOW-INCOME FAMILIES

$35,800 - $51,100
For a family of four
Medical assistants, bookkeepers, social workers, elementary school teachers, electricians, plumbers, paralegals, teachers’ aides

MODERATE-INCOME FAMILIES

$51,100 - $67,500
For a family of four
Teachers, public safety workers, architects, physical therapists, computer programmers, dental hygienists

People living below poverty level including the elderly and people with fixed incomes such as Social Security

Less than $22,400
For an individual
Childcare providers, nurses aides, bus drivers, retail service people, cashiers, cooks, custodians, farmworkers

$35,800 - $51,100
For a family of four
Medical assistants, bookkeepers, social workers, elementary school teachers, electricians, plumbers, paralegals, teachers’ aides

$51,100 - $67,500
For a family of four
Teachers, public safety workers, architects, physical therapists, computer programmers, dental hygienists
Los Angeles, CA, Homeownership Market

- Annual Income Needed
  - Box Driver: $25,618
  - Retail Salesperson: $29,581
  - Parking Lot Attendant: $32,711
  - Administrative Assistant: $48,390
  - Urban Planner: $48,912
  - Firefighter: $47,905
  - Dental Hygienist: $75,346
  - Bank Teller: $30,356
  - Child Care Worker: $32,323
  - News Reporter: $42,378

NHC.org
Oxnard, CA, Homeownership Market

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Annual Income Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Salesperson</td>
<td>$28,985</td>
</tr>
<tr>
<td>Parking Lot Attendant</td>
<td>$32,053</td>
</tr>
<tr>
<td>Groundskeeper</td>
<td>$36,684</td>
</tr>
<tr>
<td>Administrative Asst.</td>
<td>$47,416</td>
</tr>
<tr>
<td>Fire Fighter</td>
<td>$46,941</td>
</tr>
<tr>
<td>Police Officer</td>
<td>$56,933</td>
</tr>
<tr>
<td>Nurse (LPN)</td>
<td>$47,862</td>
</tr>
<tr>
<td>Bank Teller</td>
<td>$29,745</td>
</tr>
<tr>
<td>Child Care Worker</td>
<td>$31,672</td>
</tr>
<tr>
<td>News Reporter</td>
<td>$41,525</td>
</tr>
</tbody>
</table>
California’s minimum wage is: $10.50 per hour

A full-time worker earning minimum wage in California makes $21,840 in 52 weeks.
HOW DO WE MEET THE HOUSING NEEDS OF LOW-INCOME HOUSEHOLDS?

California 3rd Highest Housing Wage in the nation

$28.59/hr Required to afford a 2 BDR Unit

114/wk Hours of work needed at the minimum wage (to afford 2 BDR Unit)
HOUSING INFLUENCES HEALTH IN MANY WAYS

- Housing Affordability
- Neighborhood Conditions
- Conditions Within Home
- Health
**THE IMPACTS OF AFFORDABLE HOUSING ON HEALTH**

- Affordable housing can improve health outcomes by freeing up family resources for nutritious food and health care expenditures.

- By providing families and individuals with greater residential stability, affordable housing can reduce stress and related adverse health outcomes.

- Well-constructed and well-maintained affordable housing can reduce health problems associated with poor-quality housing.

- By alleviating crowding, affordable housing can reduce exposure to stressors and infectious disease.

- Stable, affordable housing may improve health outcomes for individuals with chronic illnesses by providing an efficient platform for health care delivery.

- Access to affordable housing allows survivors of domestic violence to escape abusive homes, which can improve mental health and physical safety.
OTHER INTER-RELATED ASPECTS OF AFFORDABLE HOUSING AND ITS LINK TO HEALTH

- Physiological health (e.g., lead, radon, mold, extreme temperatures),

- Psychological health (e.g., noise, inadequate light), and safety (e.g., falls, fires).

- Physical neighborhood attributes affect health by facilitating (or impairing) walkability/bike-ability, proximity to traffic, and access to public transportation, parks and fresh fruits and vegetables.

- Social and community attributes, such as segregation and the concentration of poverty, also have an impact on health.
Affordability of housing has clear implications for health:

- The shortage of affordable housing limits families' and individuals' choices about where they live, often relegating lower-income families to substandard housing in unsafe, overcrowded neighborhoods with higher rates of poverty and fewer resources for health promotion.

- The financial burden of unaffordable housing can prevent families from meeting other basic needs including nutrition and health care.

- High housing payments, along with rising utility costs, force some families to choose between heating, cooling, eating, and filling prescriptions.
Substandard housing conditions such as water leaks, poor ventilation, dirty carpets and pest infestation can lead to an increase in mold, mites and other allergens associated with poor health.
Multi-Family Housing Development

- 34 apartment communities developed
- More than 2,600 rental units provide housing for more than 7,500 people

Wolff Waters Place Apartments
La Quinta, CA

Villa Hermosa Apartments
Indio, CA
Our Multi-Family Housing Communities

Coyote Run Apartments
Palm Springs, CA
Completed 1993
140 units
Large Families

Geel Place Apartments
Riverside, CA
Completed 2004
45 units
Special Needs
Single-Family Housing Development

- More than 1,904 single-family homes have been completed to date through the Mutual Self-Help Housing Program

Sunset Springs
Desert Hot Springs, CA
Single-Family Housing Communities

The **Mutual Self-Help Housing Program** builds communities based on a shared commitment of hard work, mutual support, and lifelong bonds of community.
Homeownership through the Mutual Self-Help Housing Program

A group of 10 to 12 families working together for 10-12 months, for 40 hours per week or 1,600 hours

Sweat Equity
Equivalent to Down Payment

Benefits
Sense of community pride
Families frame, roof, install windows, paint, and landscape, acquiring valuable construction skills that may come in handy if they ever need to undertake minor home improvements.
Single-Family Housing
La Quinta, CA
Resident Services

CVHC also connects its residents to a pipeline of Resident Services programs by partnering with the best providers in the field in an effort to bring a myriad of opportunities that enrich the lives of the people living in its housing.
Resident Services

- 8 Early Childhood Education Centers
- 11 After-School Kids Clubs
- 6 STEM Lego Robotics Programs
- 10 Computer Instruction + Technology Centers
- Ballet Folklórico Dance Instruction
- Mariachi Music Instruction
- Summer Youth Tennis Camp
- High School Diploma + GED Program for Adults
- ESL Classes + Community Gardens
- Housing Counseling + Financial Education
- Credit/Debt Counseling + Credit Report Reviews
- Civic Engagement
- Field Trips
- Community Gardens
- Wellness for Youth and Seniors
John F. Mealey College Scholarship Fund

*scholarships for undergraduate and graduate students*

Breaking the cycle of poverty through education and scholarship support
WAYS IN WHICH CVHC STRIVES TO MEET THE HOUSING NEEDS OF LOW-INCOME HOUSEHOLDS

<table>
<thead>
<tr>
<th>THROUGH EXPERTISE</th>
<th>VARIOUS HOUSING TYPES</th>
<th>RESIDENT SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Real Estate Acquisition</td>
<td>• Homeownership</td>
<td>• High School Diploma Program</td>
</tr>
<tr>
<td>• New Construction</td>
<td>• Rental Housing</td>
<td>• Community Gardens</td>
</tr>
<tr>
<td>• Rehabilitation &amp; Preservation</td>
<td>• Migrant Farmworker</td>
<td>• Playgrounds + Parks</td>
</tr>
<tr>
<td>• Inclusionary Housing</td>
<td>• Farmworkers</td>
<td>• Wellness for Seniors</td>
</tr>
<tr>
<td>• Energy Efficient Housing</td>
<td>• Housing for Seniors</td>
<td>• Cultural Music + Dance Classes</td>
</tr>
<tr>
<td></td>
<td>• Veterans</td>
<td>• English as a Second Language</td>
</tr>
<tr>
<td></td>
<td>• Special Needs</td>
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<table>
<thead>
<tr>
<th>HUMAN DEVELOPMENT</th>
<th>ECONOMIC SELF-SUFFICIENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>• After School Programs</td>
<td>• Financial Education/Literacy</td>
</tr>
<tr>
<td>• Homework Assistance</td>
<td>• Asset-building Tools</td>
</tr>
<tr>
<td>• Tutoring &amp; Life Skills</td>
<td>• Pathway to Homeownership</td>
</tr>
<tr>
<td>• Computer Technology</td>
<td>• Credit Repair</td>
</tr>
<tr>
<td>• Physical Recreation</td>
<td>• Financial Capability</td>
</tr>
<tr>
<td>• Head Start + Pre-School Centers</td>
<td>• Online Credit/Homeownership Education</td>
</tr>
<tr>
<td>• Full-Day Child Care</td>
<td></td>
</tr>
</tbody>
</table>

WAYS IN WHICH CVHC STRIVES TO MEET THE HOUSING NEEDS OF LOW-INCOME HOUSEHOLDS
HOW DO WE MEET THE HOUSING NEEDS OF LOW-INCOME HOUSEHOLDS?

- Plan appropriately: The housing element of the General Plan; the Housing Elements of each city; density bonuses, inclusionary zoning

- Land Contributions: vacant land, abandoned properties, adaptive reuse

- Permitting concessions: process, fees, waivers

- Financial investments: Remaining RDA, CDBG funds, Bonds, Sales tax set-asides

- Collaboration: Health Care, School Districts, Transportation partnerships
What is the Countywide Vision?
Create and amazing place to live, work, and play
10 Elements or Focus Areas
The Wellness Element

- Public Health is charged with implementing the wellness element Countywide Vision
- Healthy Communities and Community Vital Signs (CVS)
- CVS was specifically created to support this
• Most County adults and youth are not receiving the recommended amount of physical activity

• County Administrative Office in partnership with Public Health
Promote Physical Activity:

- Provides long term health benefits

- Helps Prevent
  - Strokes
  - High blood pressure
  - Heart disease

- Increases mental health

- Decreases anxiety
BE ACTIVE IN SAN BERNARDINO COUNTY

Most San Bernardino County adults and youths don’t get the recommended amount of physical activity. Regular physical activity can produce a variety of long-term health benefits for people of all ages, backgrounds and abilities. Vision2BActive is a campaign designed to help improve wellness throughout San Bernardino County by encouraging residents to increase their physical activity and connecting them to many opportunities to be active. Visit www.Vision2BActive.com.

PERCENTAGE OF RESIDENTS MEETING ACTIVITY GOAL

- **YOUTHS**
  - 70% of San Bernardino County residents do not engage in physical activity for at least 15 minutes a day, five days a week.
  - 75% of San Bernardino County residents live within ONE MILE of a local park and nine miles of a regional recreation area.

- **ADULTS**
  - 70% of San Bernardino County adults do not engage in physical activity for at least 75 minutes a week, five days a week.
  - 75% of San Bernardino County adults are estimated to pay an annual cost of $190.2 BILLION to treat chronic diseases, a majority of which are related to physical inactivity.

Find places to go
near you on the map

www.SBCounty.gov
Thank You!