



Testing Scale Up

Proposal to Save Lives and Livelihoods Affected by COVID-19

Monterey County COVID-19 Collaborative

Presentation to Board of Supervisors

March 9, 2021

Science and Best Practices Advisory Group

Monterey County COVID-19 Collaborative

Member	Background
Elsa Jimenez	Director, MCHD
Dr. Ed Moreno	Co-chair; Health Officer, MCHD
Kristy Michie	Assistant Director of Public Health, MCHD; Epidemiologist
Dr. Krista Hanni	Program Manager, Planning, Evaluation and Policy, MCHD; Co-chair Outreach Work Group
Dr. Donna Ferguson	Director, Public Health Laboratory, MCHD
Dr. Sundeep Gupta	Co-chair; Epidemiologist; Faculty Family Physician NMC; Division of Infectious Disease, UCLA
Dr. Brenda Eskenazi	Epidemiologist, Professor, Center for Environmental Research in Children's Health, UCB
Dr. Allen Radner	Infectious Disease Physician; Medical Director, SVMH
Dr. Martha Blum	Infectious Disease Physician; Medical Director, Infection Prevention and Antimicrobial Stewardship, Montage Medical Group
Dr. Mahendra Poudel	Infectious Disease Physician; SVMH
Dr. Max Cuevas	CEO Clinica de Salud del Valle de Salinas; Ob/Gyn Physician
Dr. Miguel Tirado	Professor Emeritus, Health and Human Sciences, CSUMB
Rosemary Soto	County Administrative Office, Co-chair Outreach Work Group

Testing Work Group

Monterey County COVID-19 Collaborative

Member	Background
Laurel Lee-Alexander	Vice President of Community Impact, CFMC
Michael Castro	Community Initiatives Manager, CFMC
Kim Stemler	Executive Director, Monterey County Vintners and Growers Association
Rene Mendez	City Manager, City of Gonzalez
Barbara Meister	Public Affairs Director, Monterey Bay Aquarium; Co-chair Communications Work Group
Jack Herbig	Breaking the Chain Team, COPA
Kristy Michie	Assistant Director of Public Health, MCHD; Epidemiologist
Dr. Krista Hanni	Program Manager, Planning, Evaluation & Policy, MCHD; Co-chair Outreach Work Group
Dr. Donna Ferguson	Director, Public Health Laboratory, MCHD
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Testing Scale Up is Still Needed



- Threats

- COVID-19 fatigue
- Vaccine gaps
- New variants
- Re-infection
- Re-opening, tourism and migration

Covid-19 testing numbers dropped in the US -- here's why testing still matters

By Naomi Thomas and Deidre McPhillips, CNN

🕒 Updated 7:11 AM ET, Fri March 5, 2021

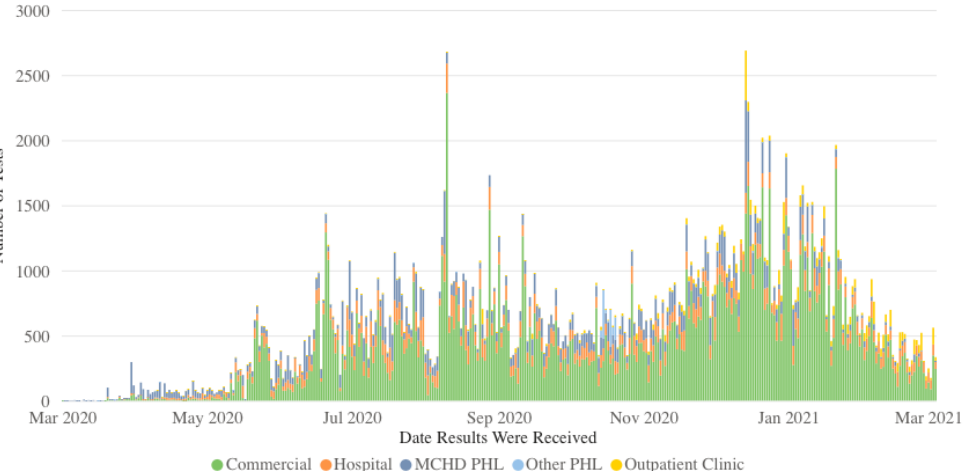
- Testing Benefits to Save Lives and Livelihoods

- Directly reduces transmission
- Starts 'Breaking the Chain' actions – CHWs, isolation, contact tracing, quarantine
- Improved targeting and monitoring of COVID-19 strategies
- Allows surveillance for variants
- Better understanding of our epidemic
- Ensures *safe and sustainable* re-opening

Goal: Scale Up to 20,000 Tests / Week

Method		Tests Per Week		
		7/30/20 Peak	1/7/21 Peak	3/9/21 Current
Monterey County Actual		6300	7700	2500
Harvard TTSI*	3% Positivity	70,000	>100,000	40,000
	Contacts – Low	11,000	65,000	7,000
	Contacts – High	52,000	>100,000	30,000
White House COVID-19 Team**		20,000	20,000	20,000

Monterey County Residents Tested by Laboratory Type



* Estimated Testing Need, from Harvard led Testing, Tracing and Supporting Isolation (TTSI) Collaborative
 ** <https://beta.healthdata.gov/Health/COVID-19-Community-Profile-Report/gqxm-d9w9>, slide 33

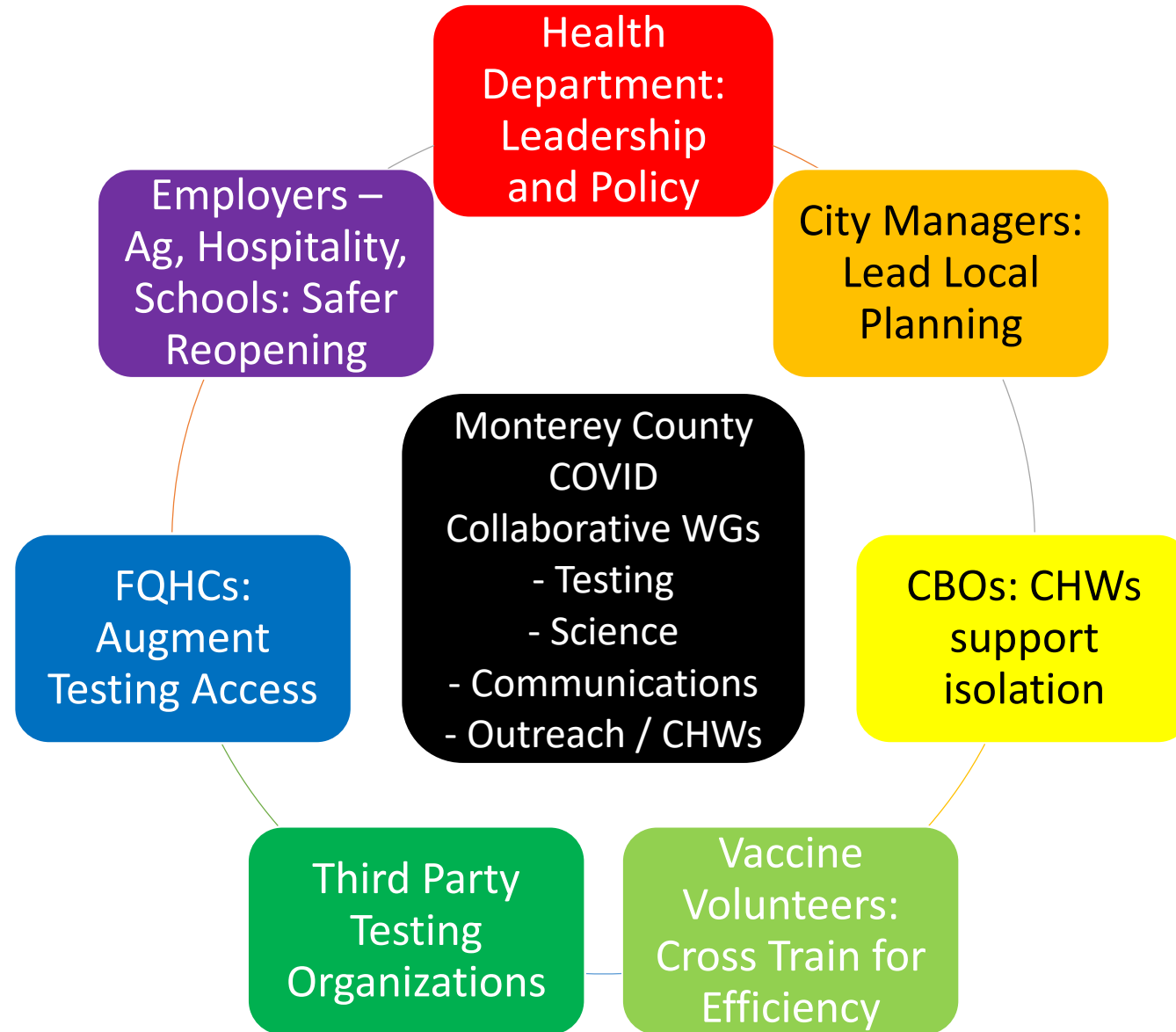
From Passive and Static to Active and Mobile Testing

- Bring testing to highest incidence neighborhoods with weekend events
- Break down barriers – fear, location, cost, hours, digital requirements
- With Communications WG, refine and target messages to generate demand
- Train CHWs and local partners to deliver promotion messages
- Provide incentives for testing (e.g. cash or gift cards, food)



A UCSF partnership brought COVID-19 testing to the Akoma Farmer's Market next to Eastmont Mall in Oakland on Sept. 9. The testing in the Oakland community is scheduled to return Sept. 26 and 27 to the La Clínica de La Raza parking lot on 35th Avenue and East 12th Street. *Photo by Maurice Ramirez*

Partner Aggressively



Meeting People's Needs

Innovation and a Coordinated Response

- Community-informed approach
- Rapid and Lab-based testing
- Pilot testing at vaccination PODs
- Call center to rapidly return results
- Link to isolation, quarantine, tracing
- Link to sequencing and wastewater surveillance



Budget Planning

- Assumptions
 - Average \$40 / test bundled cost
 - Management
 - Communications
 - Call Center
 - Logistics and Materials
 - Staffing
 - Test kits, shipment and processing
 - Average 20,000 tests / week over 3 months
 - Ambitious but realistic rapid scale up over longer period
- $\$40/\text{test} \times 20,000 \text{ tests/week} \times 3 \text{ months} = \10 million