



CHILDREN'S ENVIRONMENTAL HEALTH PROMOTION PROGRAM

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Environmental Health Branch
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POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Agenda

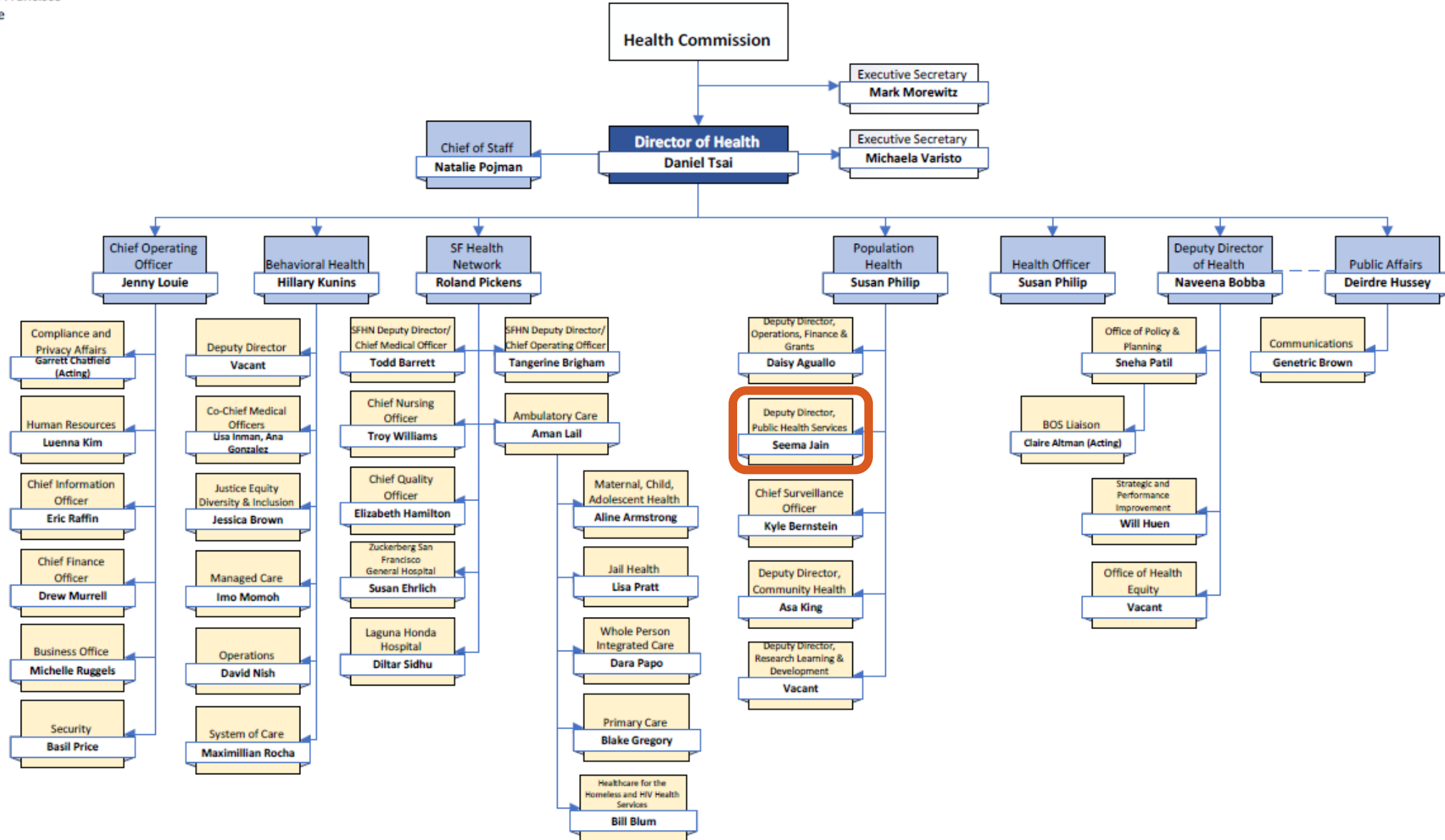
- Organizational Charts
- Need for the Children's Environmental Health Promotion Program
- Prevention Activities (risk reduction)
 - Case management (prevent further poisoning)
 - Education (increase awareness)
 - Family, Community, Providers
 - Embracing Health and Safety of Kids Program (EHSk)
 - Inspections (hazard finding)
 - Fix Lead SF (fixing hazards)
- Ongoing and future projects





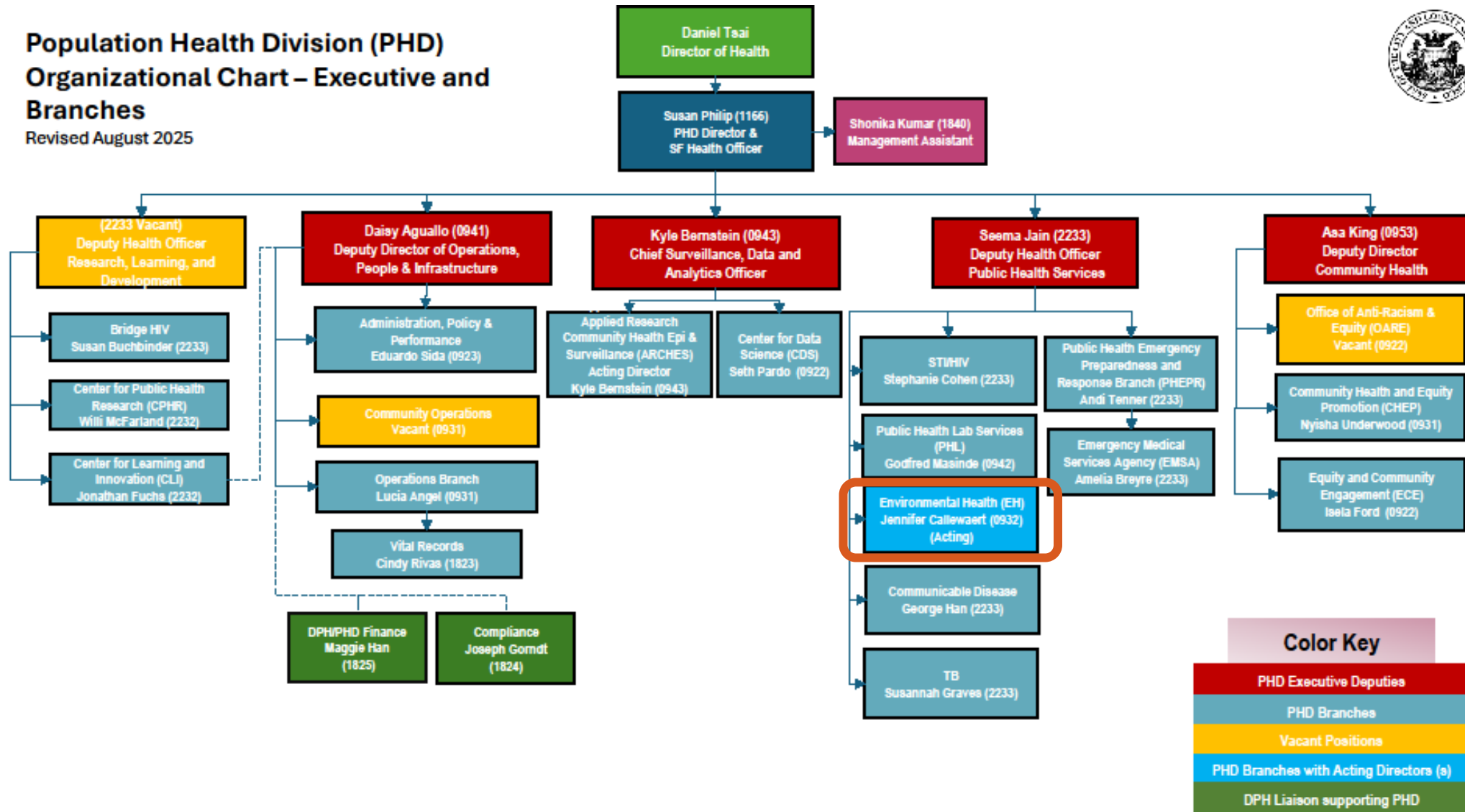
City and County of San Francisco
Daniel L. Lurie
Mayor

San Francisco Department of Public Health
Daniel Tsai
Director of Health



Population Health Division (PHD) Organizational Chart – Executive and Branches

Revised August 2025



Program Overview: The Work We Do

California Dept. of Public Health Grant

Workplan of Prevention Activities

- Outreach and Education
- Environmental Investigation
- Case Management
- Data Management

Embracing Health and Safety of Kids (EHSk) Program

- Holistic environmental home inspection
- Social determinants of health (includes more than just lead poisoning hazards) assessment
- Community Partner Referrals

Fix Lead SF (settlement funds)

- Outreach
- Lead hazard remediation

Staff:

- Administrators
- Public Health Nurse
- Inspectors
- Health Educators



History of Lead Poisoning Prevention

- Childhood Lead Poisoning Prevention Program and Environmental Health
- 1960- CDC level of concern declared 60 ug/dL
- 1970- SFDPH began responding to individual cases of lead poisoning
- 1978- Banned lead-base paint in residential properties
- 1990- Mandatory blood lead level (BLL) reporting
- 1992- Article 26 of the San Francisco Health Code
- 2001- SF Health Code Declared Lead Hazard as Public Nuisance
- 2023- CDC level of concern declared to 3.5 ug/dL



The Lead Problem

77% of San Francisco housing was built pre-1980

Health effects

Developmental and Endocrine Disorders:

- Affects to growth, height, weight
- Fertility issues

Neurodegenerative Issues

- Effects of chronic diseases later in life
- Hearing loss
- Potentially greater risk of neurodegenerative diseases in later life

Learning and Behavioral Issues¹:

- Decreased Intelligence Quotient (IQ)
- Deficit Hyperactivity Disorder (ADHD)
- Behavioral Disorders



There is no safe level of lead in the body.

How we connect with families

WIC: Nominate your landlord to get lead poisoning dangers out of your home. No/low cost! Share information for your landlord using one of the ways below:

Text: [415-758-2347](tel:415-758-2347)

Call: [415-252-3882](tel:415-252-3882)

Email: fixleadsf@sfdph.org

Blood lead level reporting

- Medical providers
- Laboratories
- California Department of Public Health CDPH-Childhood Lead Poisoning Prevention Branch (CLPPB)

Self- Referrals

- Families with children less than 6 without a blood lead test results
- Pregnant women

Partnerships:

- DPH partners: Women, Infant and Children (WIC) participant outreach
 - July 2022, 1,598 text messages sent to zip code 94112
 - January 2024, 951 text messages sent to zip code 94124
- External partners



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Prevention Activities Through Medical Support

Case management is the medical coordination of services to prevent further lead poisoning

Who: Public health nurse services children with elevated blood leads

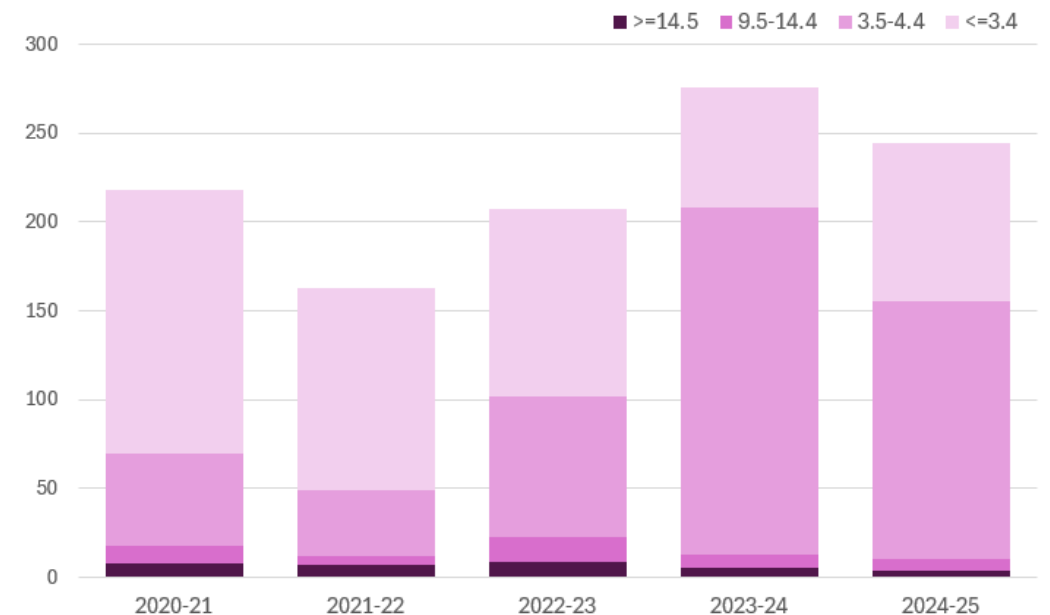
What: Coordination and delivery of case management services

Benefits:

- Ensure families do not fall through
- Blood lead testing reminders
- Advocate for services on behalf of the families served
- Educate families to prevent further lead poisoning

Partnerships: Refer to community and government programs as needed for additional services.

Blood Lead Level (ug/dL) Categories by Fiscal Year



Prevention Activities Through Community Outreach

- Community presentations to local community-based organizations
- Health fairs and community events throughout San Francisco
- Mailing Outreach: Word on Lead Newsletter (~34,000 copies) and Provider Mailing (~700 medical providers)



Embracing Health and Safety of Kids (EHSk) Program

Partnership with key agencies that work with families with children under 6 years old:

DPH partners: Maternal Child and Adolescent Health (MCAH), WIC, SF General Hospital Pediatric Social Workers, Southeast Family Health Center-Environmental Health Clinic

External partners: UCSF Pediatric Social Workers, UCSF Health Advocates, Wu Yee, Mission Neighborhood Center, Kai Ming, Head Start

- An equitable pathway to access environmental health services
- Holistic home visits
 - Lead hazards, mold, pests, structural damage, no heat, and other environmental hazards
- One-on-one tailored health education
- Social determinants of health questionnaire
- Referrals to community and government agencies as needed



Prevention Through Inspectional Activities

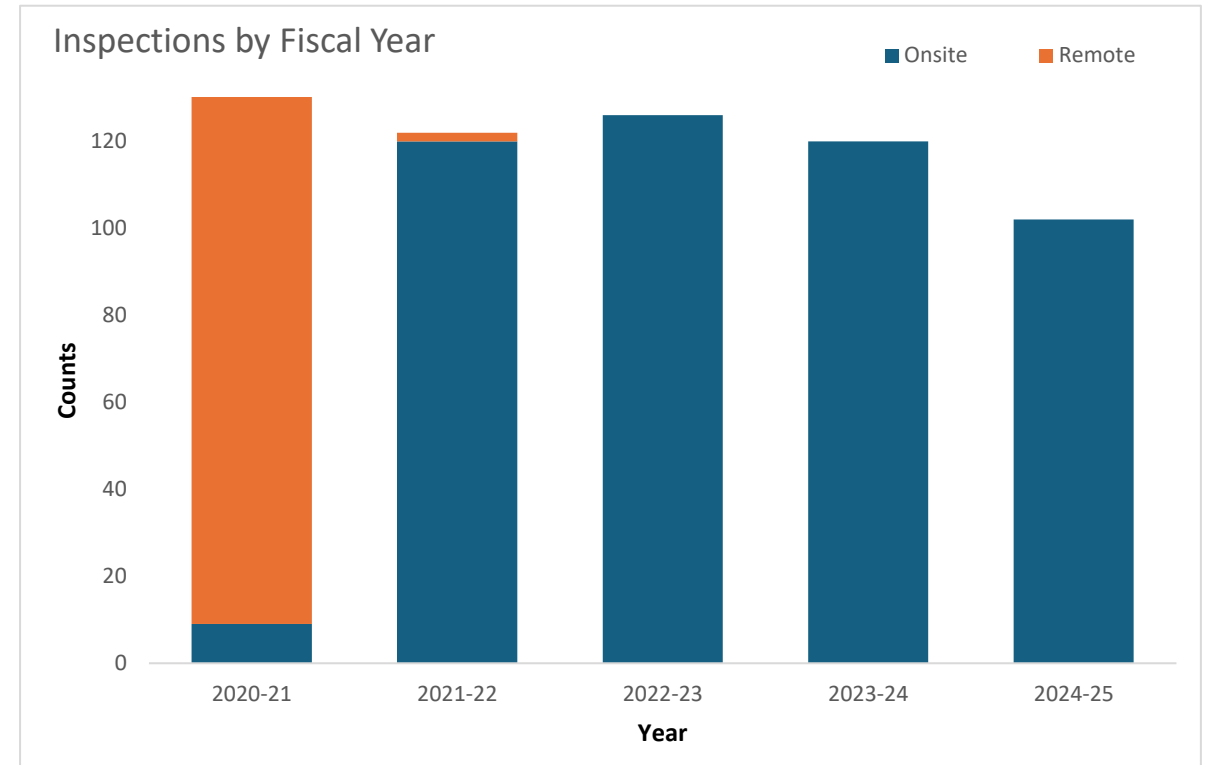
Inspection is the key remedy to lead poisoning

Who: Upon request, families with children <6 yrs old + pregnant mom

What: Identify sources of lead

Consequences: Notification to property owner to fix hazards. Progressive enforcement program utilizing the San Francisco Health Code.

Partnership: Department of Building Inspection



Prevention Activities—Fix Lead SF

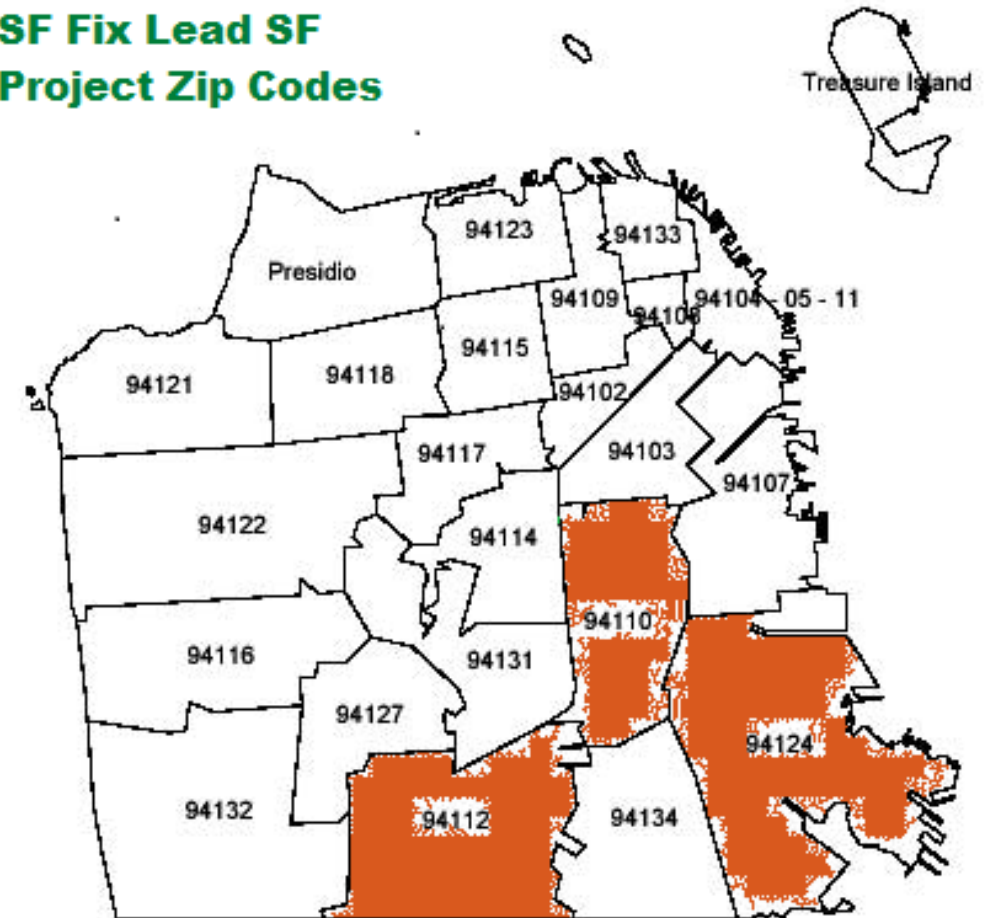
Unique program

- Settlement funds
- Type of work
- Collaboration

Targeted program

- Eligible zip codes
- Specific eligibility for homes
- Scope of remediation

**SF Fix Lead SF
Project Zip Codes**



Fix Lead SF- Program Challenges

Tenants' challenges

- Children show no symptoms
- Lack of affordable housing
- Illegal tenancy
- Immigration status

Property owner's challenges

- Don't want to admit there's lead in the home
- Fear of how hard it is to work with the City
- Fear of the City seeing other unpermitted work

Outreach changing

- Assuring the public that it is not a scam
- Directed towards property owners
- Ensuring proper wording



Prevention Activities—Fix Lead SF

15



100 windows replaced, 185 interior windowsills stripped, 44 doors replaced, door/door jamb for 123 doors stripped across 30 projects

Upcoming Projects

- Lead Week: October 19th-25th, 2025
- Fall 2025 Word on Lead Newsletter
- Muni campaign October-December
- Chinese media outreach
- Renewal of CDPH contract



Older Homes + Damaged Paint = Lead Hazards

Lead is often invisible but exposure can affect your child's learning and development

We can help fix those lead hazards!

Call Fix Lead SF at (415) 252-3882 to learn about eligibility for funding to reduce lead dangers

Remove By January 2026

Casas antiguas + Pintura dañada = Peligros del plomo
El plomo es invisible, pero la exposición puede afectar el aprendizaje y desarrollo de su hijo. ¡Podemos ayudar a remediar los peligros del plomo en su vivienda sin costo! Para aprender si es elegible llame a Fix Lead SF al (415) 252-3882

老舊房屋 + 油漆破損 = 鉛危害
鉛通常是肉眼看不見的，但接觸到鉛會影響孩子的學習和發展。我們可以幫助您解決這些鉛危害！請撥打 415-252-3882 修復三藩市鉛危害計劃。查詢有關是否合資格申請資助降低鉛風險。

Mga Lumang Tahanan + Sirang Pintura = Mga Panganib ng Tingga
Ang tingga ay kadalasang hindi nakikita ngunit ang pagkakahantad sa tingga ay maaaring makaapekto sa pag-aaral at paglaki ng inyong anak. Maaari kaming tumulong ayusin ang mga panganib ng tinggang iyon! Tumawag sa Fix Lead SF (415) 252-3882 upang malaman kung nararapat sa pondo ng lungsod upang mabawasan ang panganib sa tingga



Older Homes + Damaged Paint = Lead Hazards

Lead is often invisible but exposure can affect your child's learning and development

Contact the Children's Environmental Health Promotion Program to learn more about lead poisoning by calling 415-252-3800

Remove By January 2026

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El plomo es invisible, pero la exposición puede afectar el aprendizaje y desarrollo de su hijo. Comuníquese con el Programa de la Salud Ambiental de los Niños para obtener información sobre como prevenir el envenenamiento por plomo llamando al 415-252-3800

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Ang tingga ay kadalasang hindi nakikita ngunit ang pagkakahantad sa tingga ay maaaring makaapekto sa pag-aaral at paglaki ng inyong anak. Makipag-ugnayan sa Children's Environmental Health Promotion Program (Programa ng Pagpapalaganap ng Kalusugang Pangkapaligiran ng mga Bata) upang matuto nang higit pa tungkol sa pagkakalasan sa tingga sa pamamagitan ng pagtawag sa 415-252-3800

金山老屋除鉛漆 每戶最高補助6萬

記者王子涵／舊金山報導

舊金山公共衛生局(SFPDPH)近日呼籲老屋業主申請「修復舊金山鉛危害計畫」(Fix Lead San Francisco)，通過免費檢測與財政補助，降低舊屋鉛污染的風險，為兒童與家庭打造更安全的居住環境。

衛生局表示，鉛是一種天然存在的金屬，攝入後對健康造成影響，特別是幼童，可能導致腦部損傷、成長遲緩等。鉛暴露途徑包括食用含鉛油漆碎片、接觸受污染的灰塵、食物或水源等。六歲以下兒童因經常將手放入口中，更容易接觸到鉛。衛

生局指出，減少環境中的鉛含量，可有效降低幼童鉛中毒的風險。

該計畫將重點檢查並清除含鉛塗料或油漆(凡立水)的建築部位，例如上下提拉窗，以及受污染的裸露土壤。優先處理有六歲以下兒童長期居住或經常出入的物業，並鎖定過去曾出現血液含鉛量偏高紀錄的社區。

符合修復計畫的物業須為住宅，建於1950年前，位於郵遞區號94110、94112或94124，且不超過9個住宅單位。單位內必須有至少一名六歲以下兒童居住或經常探

訪，或有家庭即將迎來新生兒。此外，如單位內有兒童血液含鉛量達9.5微克/分升以上，並收到衛生局「違規通知書」要求改善鉛危害，也符合申請資格。

計畫內容包括由持牌專業人員進行鉛檢測、清除室內最難維護的鉛污染源(例如鉛漆上下提拉窗)，以及在施工完成後進行最終檢查，確保房屋安全宜居。對於有六歲以下兒童的單位，屋主與租戶均無須負擔任何費用，每戶最高可獲6萬美元補助，且公共區域的整修費用亦全額支付。其他單位則可獲六成費用補助。



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(取自舊金山衛生局官網)

多數情況下，工程期間住戶需暫時搬離數日。衛生局將提供並支付臨時安置住房費用，以保障健康與安全。



THANK YOU!



cehpp@sfdph.org
415-252-3800

sf.gov/prevent-lead-poisoning-young-children



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