Tech Exchange Overview
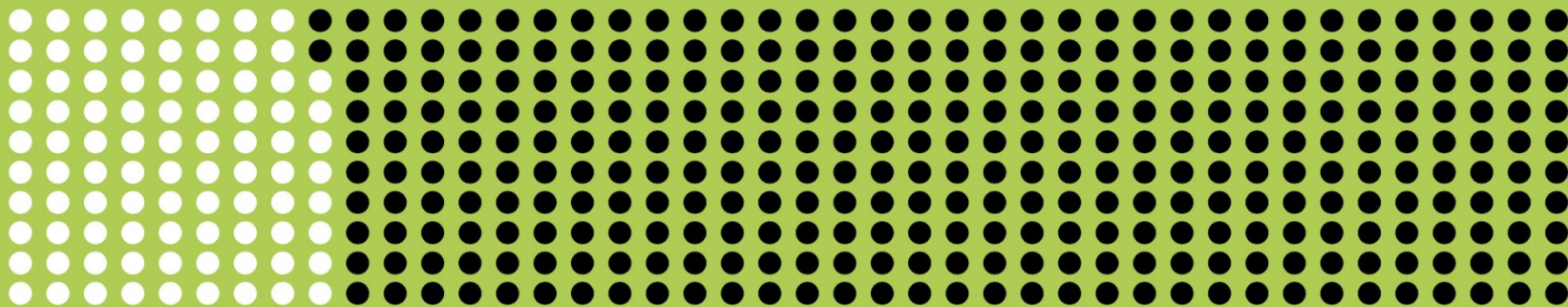## November 2019

Tech Exchange
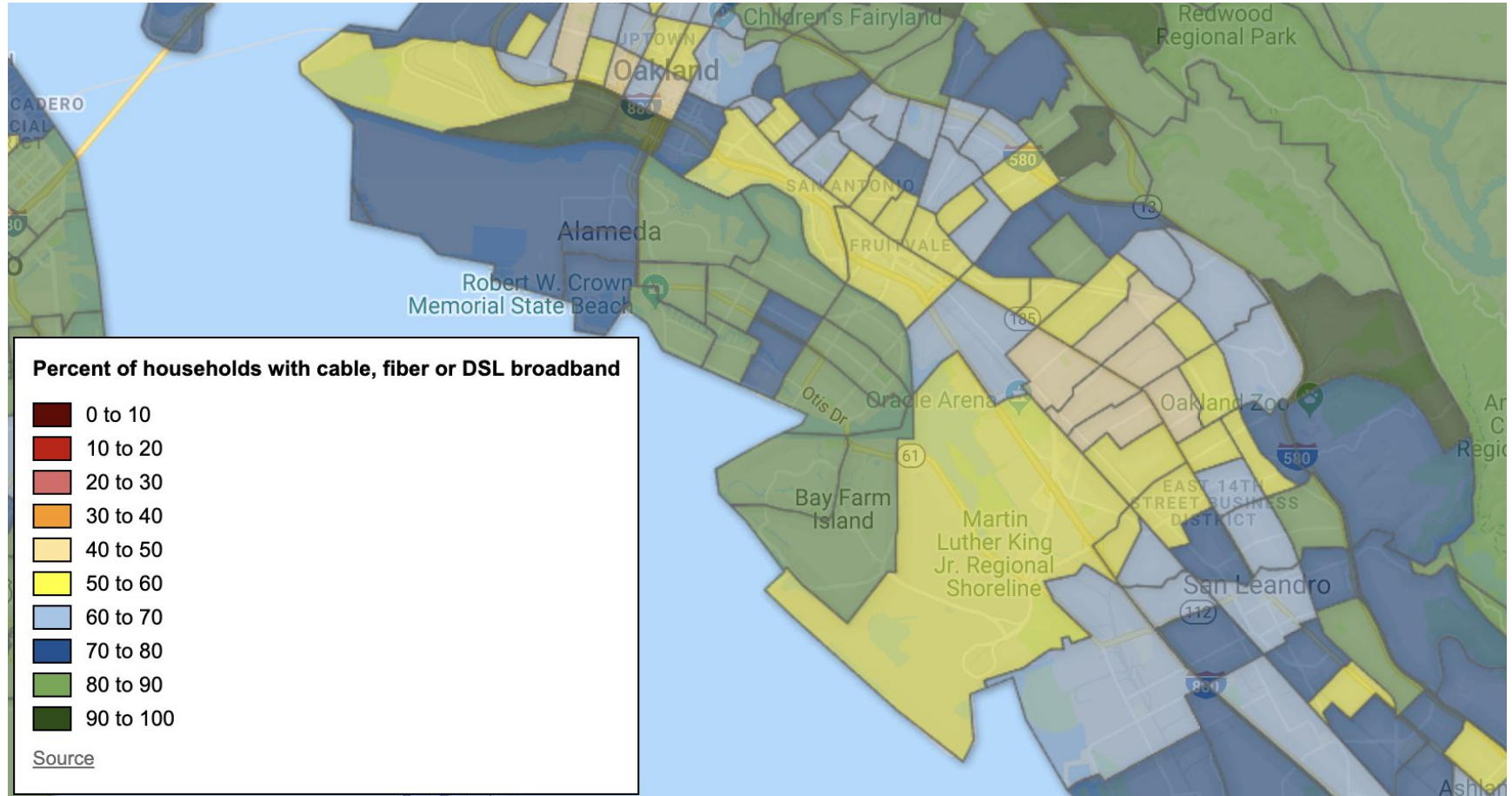
123,000 OAKLAND RESIDENTS

DO NOT HAVE ACCESS TO HIGH SPEED (BROADBAND) INTERNET AT HOME 30.0%
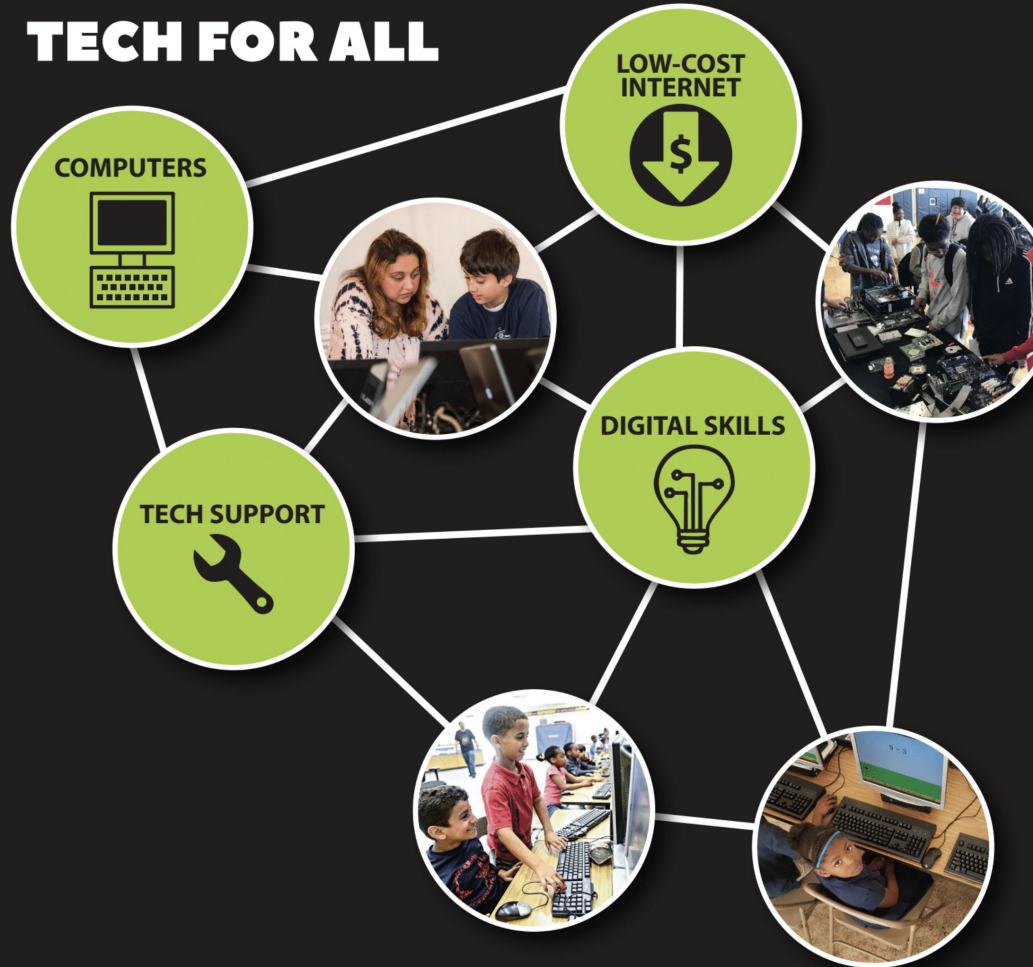
88,000 OAKLAND RESIDENTS
DO NOT HAVE ACCESS TO COMPUTERS AT HOME

21.4%

Oakland Internet Access

Percent of households with cable, fiber or DSL broadband

- ⬛ 0 to 10
- 🟥 10 to 20
- 🟥 20 to 30
- 🟧 30 to 40
- 🟨 40 to 50
- 🟨 50 to 60
- 🟦 60 to 70
- 🟦 70 to 80
- 🟩 80 to 90
- 🟩 90 to 100

Source

TECH FOR ALL

LOW-COST INTERNET

COMPUTERS

DIGITAL SKILLS

TECH SUPPORT

Community Impact

Tech Fairs

Workshops

Trainings

Tech Hub

HOUSEHOLDS SERVED

Device|Internet|Training|Support

	7,500	5,000	2,500	0

2014-15 2015-16 2016-17 2017-18 2018-19
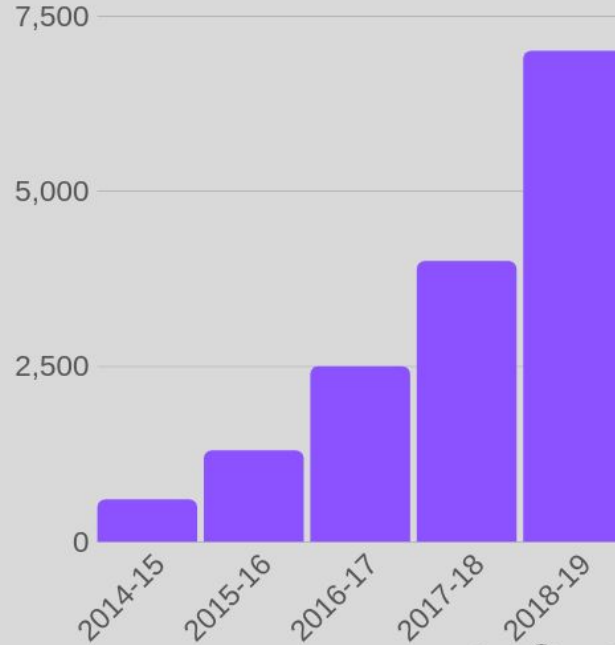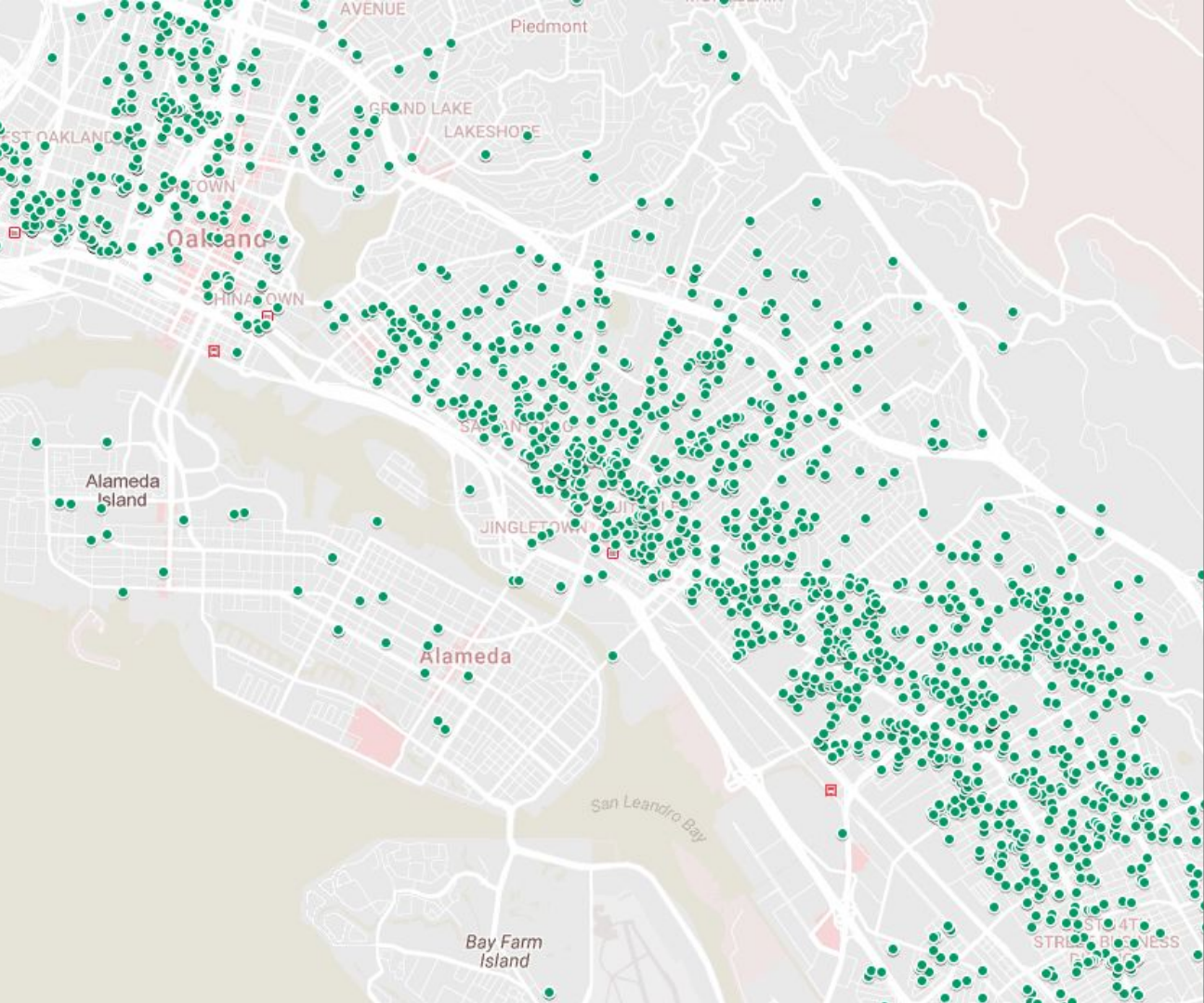
Oakland families that have received **Tech for All** services from **Tech Exchange**
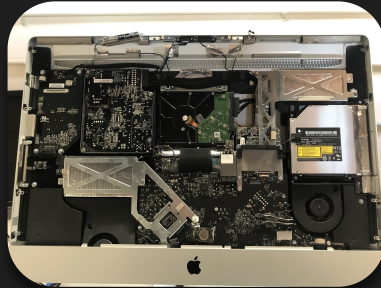
Tech Exchange

Workforce Development

Refurbishing Program

ENVIRONMENTAL IMPACT

Last year **4,000 COMPUTERS** refurbished for the community.

10,700 METRIC TONS — **Air emission savings** = 2,300 cars per year

Toxic material savings = 2X the mercury levels in 9.7 million tuna

180KG
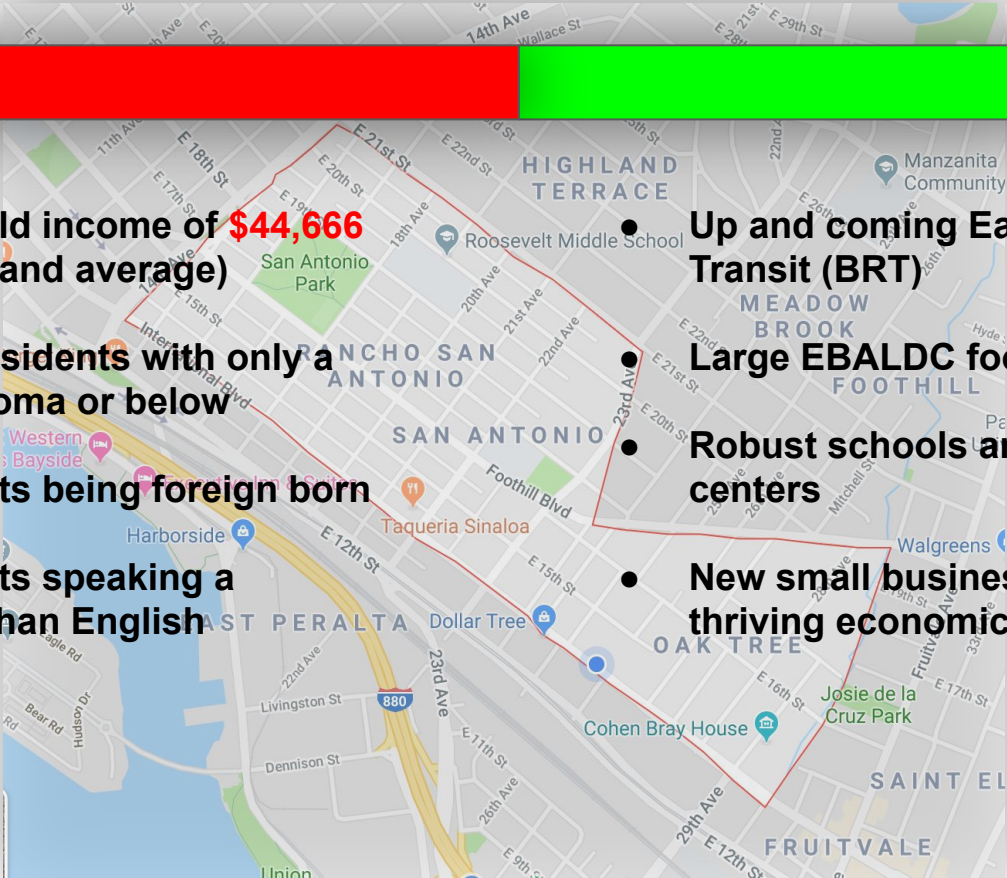
1.4E7 KWH — **Energy savings** = Energy consumption of 1,300 homes per year

*Calculations based on EPA Electronics Environmental Benefits Calculator

$1 invested in Tech Exchange = $1.33 environmental cost savings

TECH EXCHANGE'S SMART NEIGHBORHOODS INITIATIVE IS DESIGNED TO PUT **DIGITAL INCLUSION** FRONT AND CENTER IN OAKLAND, AS THE CITY MOVES TO **EMBRACE SMART CITY THINKING AND PRACTICES.**

San Antonio Profile

- **Median household income of $44,666 (29% below Oakland average)**

- **55.8% of adult residents with only a high school diploma or below**

- **42.2% of residents being foreign born**

- **64.7% of residents speaking a language other than English**

- **Up and coming East Bay Bus Rapid Transit (BRT)**

- **Large EBALDC footprint**

- **Robust schools and community centers**

- **New small businesses creating thriving economic development**

Smart Neighborhoods Elements

Free & Low-Cost Computers

Lab for Trainings & Workshops

Youth Interns

Digital Resources Map

Family Digital Empowerment Programs

Smart Neighborhood Alliance
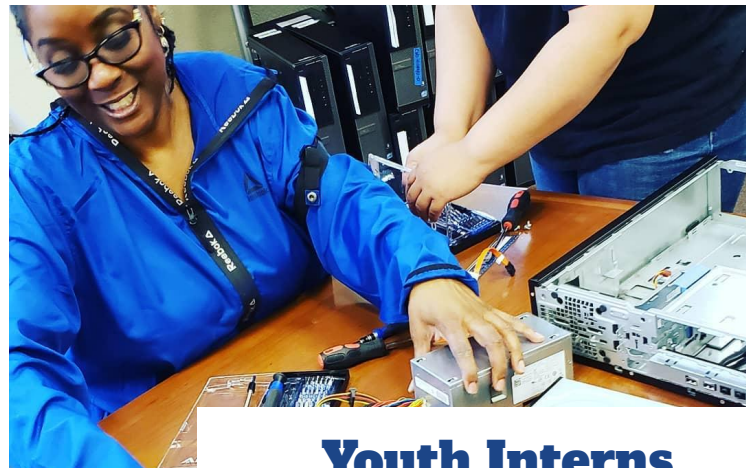

Digital Community Organizers

Student Tech Clubs

Tech Hub in Action

Free & Low-Cost Computers

Youth Interns

One-on-One Tech Support

Student Tech Clubs

Plug In!
-Tech
-Time
-Money

Tech Exchange