

# Kindergarten Oral Health Assessment (KOHA) Implementation and Improvement Strategies

Santa Clara County  
Local Oral Health Program  
Lunch & Learn



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# Agenda

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- Santa Clara County Overview
- RBA Overview – Turn the Curve
- Contracting Logistics
- Partners and Roles
- School-Based Screenings
- Referral - Partner Logistics
- Strategies
- Challenges
- Next Steps and Areas for Growth



# Santa Clara County Overview and History

- No major system in place prior to FY 20
- Part of RBA pilot for KOHA
- Partnering with Healthier Kids Foundation (FY 20-Present)
- Healthier Kid's Foundation provides vision, hearing and oral health screenings at schools throughout Santa Clara County – offered over 300,000 services to our community

		Program Name				Total
Delivery Date		DentalFirst	HearingFirst	My HealthFirst	VisionFirst	
FY 2013	Record Count	1121	0	0	6526	7647
FY 2014	Record Count	8294	343	0	13497	22134
FY 2015	Record Count	8573	4617	0	17585	30775
FY 2016	Record Count	11200	11368	0	23769	46337
FY 2017	Record Count	19376	19117	0	28265	66758
FY 2018	Record Count	20533	21986	0	25859	68378
FY 2019	Record Count	13969	17045	0	19749	50763
FY 2020	Record Count	1871	2011	462	2114	6458
FY 2021	Record Count	9205	10373	1321	10622	31521
<b>Total</b>	Record Count	94142	86860	1783	147986	330771

# Screening Need in Santa Clara County

## Healthier Kids Foundation (HKF) findings:

- 15% of children in SCC have untreated vision issues (20% during pandemic)
- 4% have untreated hearing issues
- 32% have urgent or emergency dental needs (42% during the pandemic)

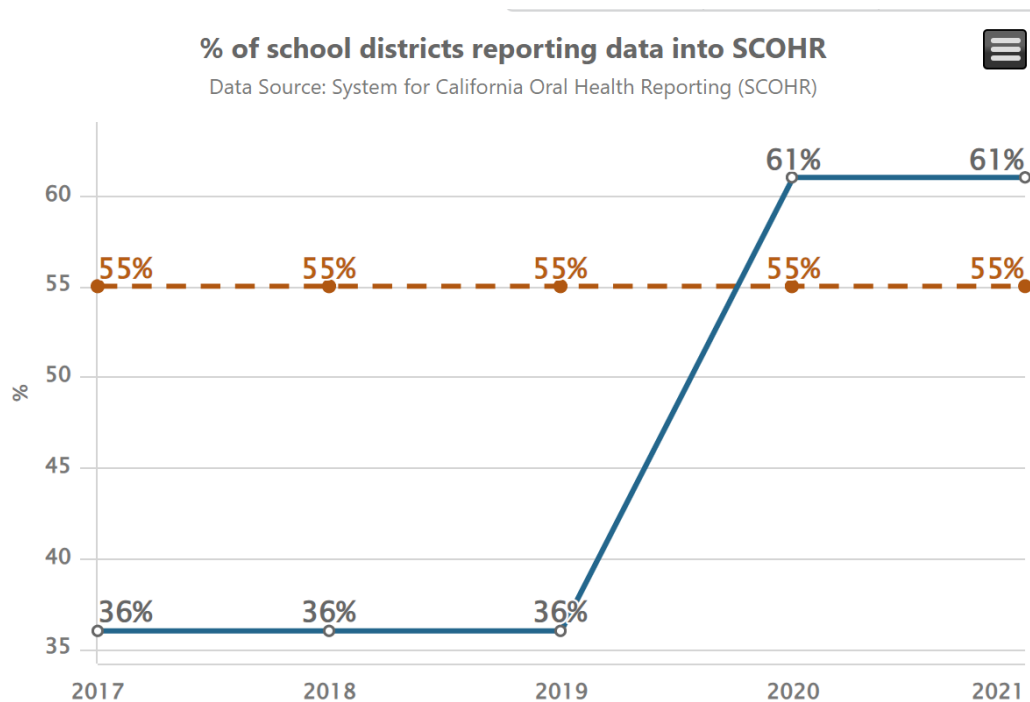
## Historically school nurses used to provide these services to students

- Only 1 school nurse for every 3192 students in SCC
- Schools do not have enough staff or resources

**HKF provides the screenings and essential follow ups to ensure that child's needs are met**



# RBA Pilot Overview - Turn the Curve



Joined the RBA pilot for KOHA

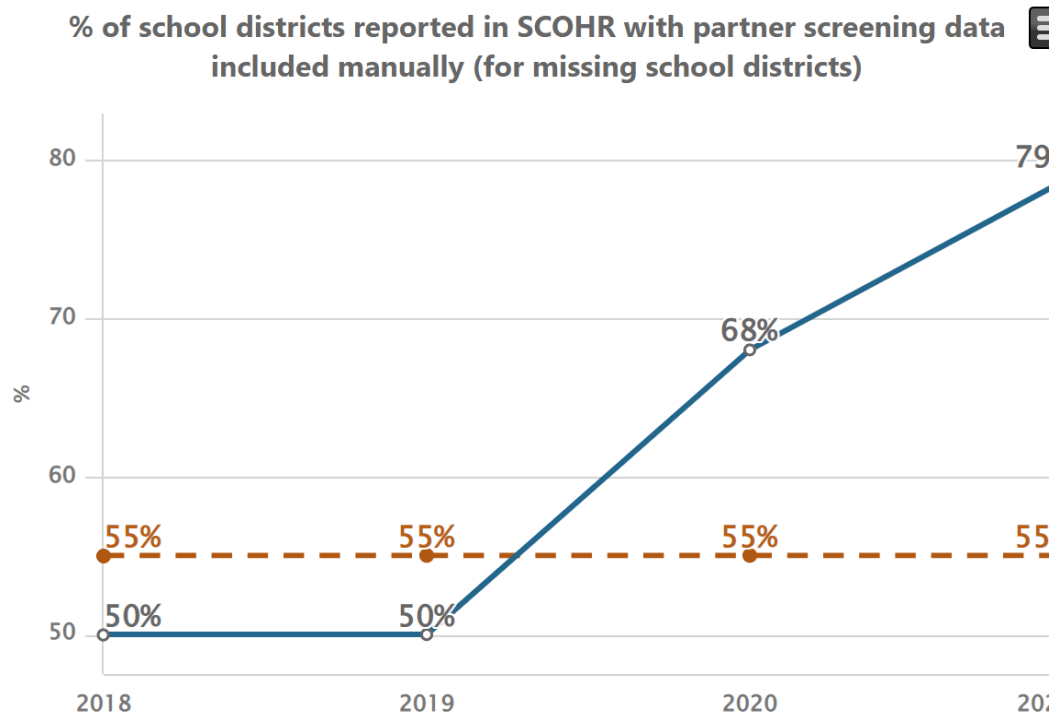
Goal has been to increase KOHA reporting in SCOHR

Collaborate with District Nurses - turn the curve in FY 2020

Track the following in Clear Impact:

- **% of school districts reporting**
- % of school districts reported in SCOHR with partners screening data included manually (for missing school districts)
- Including other performance measures like visible decay, caries experience, waiver data and student participation

# RBA Pilot Overview - Turn the Curve



- Partner with HKF - able to further increase reporting
- HKF data for school districts not reporting in SCOHR
- Track the following in Clear Impact:
  - % of school districts reporting
  - % of school districts reported in SCOHR with partners screening data included manually (for missing school districts)
  - Including other performance measures like visible decay, caries experience, waiver data and student participation

# Contracting

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- ❑ K-6<sup>th</sup> school-based screening data (objective 6)
- ❑ Expanding on school-based referrals (special funding)
- ❑ Oral health education/data (objective 6)
- ❑ KOHA data for missing schools in SCOHR (objective 7)
- ❑ Pregnant persons – increase access and visits to dental services (obj 10) – RFP process
- ❑ **Contracting process can be lengthy and challenging**
- ❑ **Crucial part of moving work forward has been through contracting and building valuable partnerships**
- ❑ Email us for any questions

# Our Partnerships

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- ❖ School District Lead Coordinators
- ❖ Dental Society
- ❖ Valley Medical Center Dental Network
- ❖ Healthier Kid's Foundation
- ❖ Public Health Branches



# School District Leads/Nurse Coordinators

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- ❑ Presentation from June 2021PDM for more information
- ❑ Collaborate with District Nurse Coordinators to increase reporting
- ❑ Provided 3 presentations to date and 2 for superintendents since FY 20
- ❑ Follow up, technical assistance, updating SCOHR accounts, etc. lead to increase in SCOHR data reporting (61% in FY 20 and FY 21)
- ❑ Oral health education resource inventory
- ❑ Shifting priorities and ever evolving COVID protocols create challenges



# Dental Society

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- ❑ Support to local dentists
- ❑ Collaborated to present to district nurses
- ❑ Give Kids a Smile – provide screening data
- ❑ Partnership - provide COVID guidance to dentist members during pandemic



# Valley Medical Center – Dental Network

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- ☐ Collaborate closely with VMC Dental Network Manager
- ☐ Support oral health referrals – quick dental appointments at VMC sites
- ☐ Work group to support dental services for children in foster care
- ☐ Dedicated staff and program manager



# Healthier Kids Foundation

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- ❑ School-based screenings, care-coordination and oral health education for parents/adults and children
- ❑ Leverage their vision, hearing and mental health work to require schools to add dental screenings
- ❑ Major contributor and leaders in improving children's oral health in SCC – utilize dynamic innovative strategies
- ❑ Timely and dedicated care coordination for any referrals
- ❑ Committed staff and CEO



**Healthier Kids  
Foundation  
Santa Clara County**

# DentalFirst Program (0–18 years old)

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- ❑ 8 years of screening
- ❑ 94,000 dental screenings with licensed dentists
- ❑ 32% had tooth decay, on average
- ❑ FY 21-22 school year – of children screened:
  - 41.21% have tooth decay
  - 3613 children
  - 1 out of 5 children received dental care



Healthier Kids  
Foundation  
Santa Clara County

# Screening Logistics

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- ☐ Prioritized site list
- ☐ Multiyear MOUs with high priority districts (14 active MOUs in place for screening and 11 active MOUs in place for education)
- ☐ Coordination with sites
- ☐ Screening packets sent to sites
- ☐ Roster request or automated FTP processes (encrypted data sharing) to collect student level data
- ☐ Opt-out authorization forms sent to parents or information in school manuals

# Student Level Data Collection

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## Student

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- ☐ First & Last Name
- ☐ Student ID (School)
- ☐ Student ID (State)
- ☐ Gender
- ☐ DOB
- ☐ School Name
- ☐ Teacher Name

## Parent

☐

- ☐ First & Last Name
- ☐ Gender
- ☐ Preferred Language
- ☐ Main Phone#
- ☐ City
- ☐ Zip Code
- ☐ Email Address

## Other

☐

- ☐ Medical Insurance
- ☐ Foster Care
- ☐ McKinney-Vento (Homelessness)
- ☐ Migrant Ed
- ☐ Special Ed





Your child received a free dental screening. This screening consists of a visual exam performed by a licensed dental professional/ Su niño recibió un examen de detección dental gratuita. Este examen de detección consistió en un examen visual realizado por un profesional licenciado en odontología.

#### Groll Family Services Grade: Room:

Child's Name/ Nombre del Niño: Jane Doe SO1234

Date Of Birth/ Fecha de Nacimiento: 2001-01-01

#### 0. No Immediate Follow-up Required/No se necesita atencion dental urgentemente

A. Dental screening complete, no immediate follow-up care needed. Please continue with your routine dental care/La revision dental está completa, no se necesita atención dental urgentemente. Por favor continúe con su rutina de cuidado dental.

#### 1. Routine Dental Care Recommended/Se recomienda Atencion Dental de Rutina

A. Dental cleaning recommended/Se recomienda limpieza dental

B. Screen for cavities between the teeth (interproximal caries)/Se recomienda examinar por caries entre los dientes (inter proximal)

C. Sealants application recommended/Se recomienda aplicacion de sellantes

D. Stained teeth, please evaluate for cavities(caries)/Manchas dentales, evaluar por caries

E. Orthodontic work recommended (e.g. braces)/Trabajo de ortodoncia recomendada (frenos recomendados)

#### 2. Urgent Dental Care Needed/Cuidado Dental urgente es necesario

A. Mild to moderate cavities (caries)/Caries leve a moderado

B. Gum disease/Enfermedad de las encías

C. Soft tissue lesion/Lesiones de tejido blando

D. Recent trauma/Trauma reciente

E. Ectopic eruption(tooth entering the mouth in an abnormal way, e.g. crowding of baby teeth with adult teeth)/Erupcion ectopica(dientes saliendo en posicion incorrecta. Ejemplo: dientes infantiles amontonando con dientes de adultos)

#### 3. Emergency Care Needed/Se Necesita Atencion de Emergencia

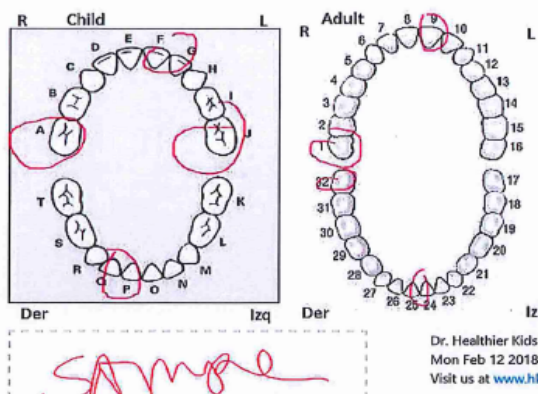
A. Infection/Infeccion

B. Pain/Dolor

C. Severe cavities (caries)/Caries profundas

#### Comment/Comentario:

Severe cavities on circled teeth



Flouride varnish leads to a  
**37%  
REDUCTION**  
In the risk of childhood tooth decay

El barniz de fluoruro ayuda a  
**REDUCIR EN UN 37%**  
el riesgo de desarrollar caries dental durante la infancia

Dental sealants can be  
**88%  
EFFECTIVE**  
In preventing the most common form of dental decay in school-aged children

Los selladores dentales pueden ser  
**EFICACES EN UN 88%**  
en la prevención de las formas más comunes de caries dental en niños de edad escolar.



Santa Clara County

- If your child does not have health coverage, HKF can help with enrolling your child into low-cost or free health coverage, please call (408) 564.5114. / Si su hijo no tiene cobertura de salud, entonces HKF puede ayudarle a inscribirlo para que tenga cobertura de salud de bajo costo o gratis, por favor llame (408) 564.5114.
- Interested in Health/Nutrition Education for your Family? HKF's 10 Steps Program is a FREE three-class series on how to develop healthy habits in your home. All classes are free, with free child supervision. Call us at 1-855-344-6347. / Si usted está interesado en educación en salud para su familia, nuestro programa de 10 pasos y tres series de clase en como usted puede desarrollar hábitos saludables en su casa. Todas las clases son gratis con cuidado de niño. Por favor llámanos al 1-855-344-6347.
- All Dentist Provided accept a form of Denti-Cal/Medi-Cal. / Todos estos dentistas aceptan alguna forma de Denti-Cal/Medi-Cal.

#### Dentist Locations/ Ubicación de Dentistas

<b>St James Health Center</b> 55 East Julian St. San Jose, CA 95112 408.918.2626 Mon-Fri: 8am-5pm Sat & Sun: Closed	<b>Tooth Fillers</b> 2500 South King Road, Suite 3 San Jose, CA 95122 669.275.2060 Mon-Sat: 7am-3pm Sun: Closed	<b>CompreCare Health Center</b> 3030 Alum Rock Avenue San Jose, CA 95127 408.272.6360 Mon-Fri: 8am-5:30pm Sat & Sun: Closed	<b>Western Dental Kids and Orthodontics</b> 897 West El Camino Real Sunnyvale, CA 94087 408.701.5882 Mon-Fri: 9am-7pm Sat: 8am-4:30pm Sun: Closed	<b>Hong Jonathan Jung, DDS</b> 16900 Monterey St. Morgan Hill, CA 95037 408.779.0410 Mon/Wed/Fri: 11am-6pm Tues/Thurs: 11am-7pm Sat & Sun: Closed
<b>Indian Health Center of Santa Clara Valley</b> 1333 Meridian Avenue San Jose, CA 95125 408.960.0645 Mon-Fri: 8am-5:00pm Sat & Sun: Closed	<b>Tooth Fairy Cottage</b> 2080 S White Rd. #255 San Jose, CA 95148 408.238.2647 Mon/Wed/Fri: 9am-6pm Tues/Thurs: 8:30am-5pm Sat: 9-2pm Sun: Closed	<b>Bay Area Community Health</b> 242 Le Pate Dr. San Jose, CA 95127 408.729.9700 Mon-Sat: 8am-5pm Sun: Closed	<b>Western Dental and Orthodontics</b> 2825 El Camino Real Santa Clara, CA 95051 408.343.4167 Mon-Fri: 9am-7pm Sat: 8am-4:30pm Sun: Closed	<b>Bay Area Community Health</b> 9400 No Neme Uno Suite 117 Gilroy, CA 95020 408.729.9700 Mon-Sat: 8am-5pm Sun: Closed
<b>Indian Health Center of Santa Clara Valley</b> 2089 Forest Avenue, Suite 204B, San Jose, CA 95128 408.960.7200 Mon-Fri: 8am-5:00pm Sat & Sun: Closed	<b>Western Dental Kids and Orthodontics</b> 1155 South King Rd. San Jose, CA 95122 408.240.0250 Mon-Fri: 9am-7pm Sat: 8am-4:30pm Sun: Closed	<b>Bay Area Community Health</b> 2380 Montpelier Dr. Suite 200 & 400 San Jose, CA 95116 408.729.9700 Mon-Sat: 8am-5pm Sun: Closed	<b>Bay Area Dental Surgery Center</b> 1172 Cadillac Ct. Milpitas, CA 95035 408.946.9800 Mon-Fri: 6:30am-5pm Sun-Sat: Closed	<b>Gardner South County Health Center</b> 7550 Monterey St., 2nd fl Gilroy, CA 95020 408.848.9436 Mon-Fri: 8am-4:30pm Sat & Sun: Closed
<b>Akhari Cyrus M DDS</b> 1203 Park Ave. #2, San Jose, CA 95126 408.971.9990 Mon-Fri: 8:30am-6pm Sat & Sun: Closed	<b>Bay Area Community Health</b> 2060 Alborn Road Suite 125 San Jose, CA 95121 408.729.9700 Mon-Thurs: 8am-5pm Fri-Sun: Closed	<b>La Amistad Dental Office</b> 22 N White Rd. #40 San Jose, CA 95127 408.254.4402 Mon/Wed: 9am-6pm Tues/Thurs/Fri: 10am-7pm Sat & Sun: Closed	<b>Las Americas Dental</b> 3826 Seven Trees Blvd #300 San Jose, CA 95126 408.363.9464 Tues/Wed/Fri: 9am-6pm Mon/Thurs/Sat/Sun: Closed	<b>City Dental Center</b> 7571 Monterey Road Gilroy, CA 95020 408.842.5000 Mon-Fri: 8am-6pm Sat & Sun: Closed
<b>Willow Dental Health Center</b> 848 S Almaden Ave. San Jose, CA 95110 408.298.6411 Tue/Thursday: 2pm-8pm Sat: 8am-5pm Mon/Fri/Sun: Closed	<b>Dental Place</b> 3005 Silver Creek Rd #146 San Jose, CA 95121 408.238.7900 Mon-Wed/Fri: 9am-6pm Sat: 8am-5pm Thurs & Sun: Closed	<b>Children's Dental Center &amp; Big People Too</b> 1155 N. Capitol Ave Ste. 160, San Jose, CA 95132 408.272.2720 Mon-Thurs: 9am-5:30pm Fri-Sun: Closed	<b>Bay Area Community Health</b> 5504 Monterey Hwy San Jose, CA 95138 408.729.9700 Mon-Sat: 8am-5pm Sun: Closed	<b>Western Dental &amp; Orthodontics</b> 780 1st St., Gilroy, CA 95020 408.796.3110 Mon-Fri: 9am-7pm Sat: 8am-4:30pm Sun: Closed

Santa Clara Valley and Hospital System (SCVHHS) Dental Services  
To Schedule an appointment at any of the 7 locations below please call the Dental Call Center at (408) 808-6102

<b>VHC Tully Dental Clinic</b> 500 Tully Rd., 2nd Fl., San Jose, CA 95111 Mon-Fri: 8:30am-5pm  (Emergency Dental Treatment Only)	<b>VHC East Valley Dental Clinic</b> 1905 McKee Rd. San Jose, CA 95116 Mon-Fri: 8:30am-5pm  (Emergency Dental Treatment Only)	<b>VHC Gilroy Dental Clinic</b> 7475 Camino Arroyo, Gilroy, CA 95020 Mon/Wed: 8:30am-5pm Fri: 8:30am-5pm  (Emergency Dental Treatment Only)	<b>VHC Milpitas Dental Clinic</b> 343 N. Main St., Milpitas, CA 95036 Mon-Fri: 8:30am-5pm  (Emergency Dental Treatment Only)	<b>VHC Sunnyvale Dental Clinic</b> 660 S. Fair Oaks Ave., Sunnyvale, CA 94086 Mon-Fri: 8:30am-5pm *Adults & Teens 16-20yr  (Emergency Dental Treatment Only)	<b>Pediatric Smile Station Van</b> 660 S. Fair Oaks Ave., Sunnyvale, CA 94086 Mon-Fri: 8:30am-5pm *Children & Teens 0-18yr  (Emergency Dental Treatment Only)	<b>Pedi Dental Services At SPARK</b> 777 E. Santa Clara St., San Jose, CA 95112 Mon-Fri: 8:30am-5pm Foster Youth Scheduling: 408-977-4504
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HKF is not affiliated with any health plan, dental group, or service provider. / HKF no está afiliada a ningún plan de salud, grupo dental, o proveedor de servicios.



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# Screening Logistics (continued)



- ☐ Trained leader for each site
- ☐ Email reminders set automatically through Salesforce to the site coordinator (at 3 weeks, 2 weeks and one day before)
- ☐ Screening details included – how many screeners, how many dentists, and logistics for day of screening
- ☐ In preparation for screenings – schools announce via newsletter, robo calls and make announcements over PA
- ☐ All safety protocols utilized

# Day of Screening Protocol

- ❑ Screeners arrive on site early
- ❑ Students arrive, line up and take turns with the screeners
- ❑ Child states name and screener pulls up student information within equipment (based on roster)
- ❑ Each child will move through all 3 screenings in about 8 minutes
- ❑ Licensed dentists screen for routine, urgent, emergency or 24-hour emergency dental related issues
- ❑ 2 minutes
  - **Urgent** – mild to moderate cavities, gum disease, soft tissue lesions, recent trauma, ectopic eruptions
  - **Emergency** – Infection, pain, severe cavities (24-hr emergency referral)
  - Caries experience data collection added in 2020



# Care Coordination & Referrals

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- ❑ 94,000 screenings
- ❑ Current referral rate is over 41% (2021-2022) – over 9000 children screened to date
- ❑ Expedited care- coordination for 24-emergency dental
- ❑ HKF prints results and delivers/mails them to screening site to distribute to parents
- ❑ Data entered in Salesforce and cases with 2, 3 or higher then assigned Case Managers (CMs)
- ❑ CM Role:
  - ✓ ensure that no child falls through the cracks
  - ✓ will assist parent using child's insurance to receive follow up care and treatment
  - ✓ address any barriers to accessing and receiving care
  - ✓ track all steps and progress diligently in salesforce (5 call attempts per family)
- ❑ Once appointment is set up – Salesforce automatically sends a text reminder to parents

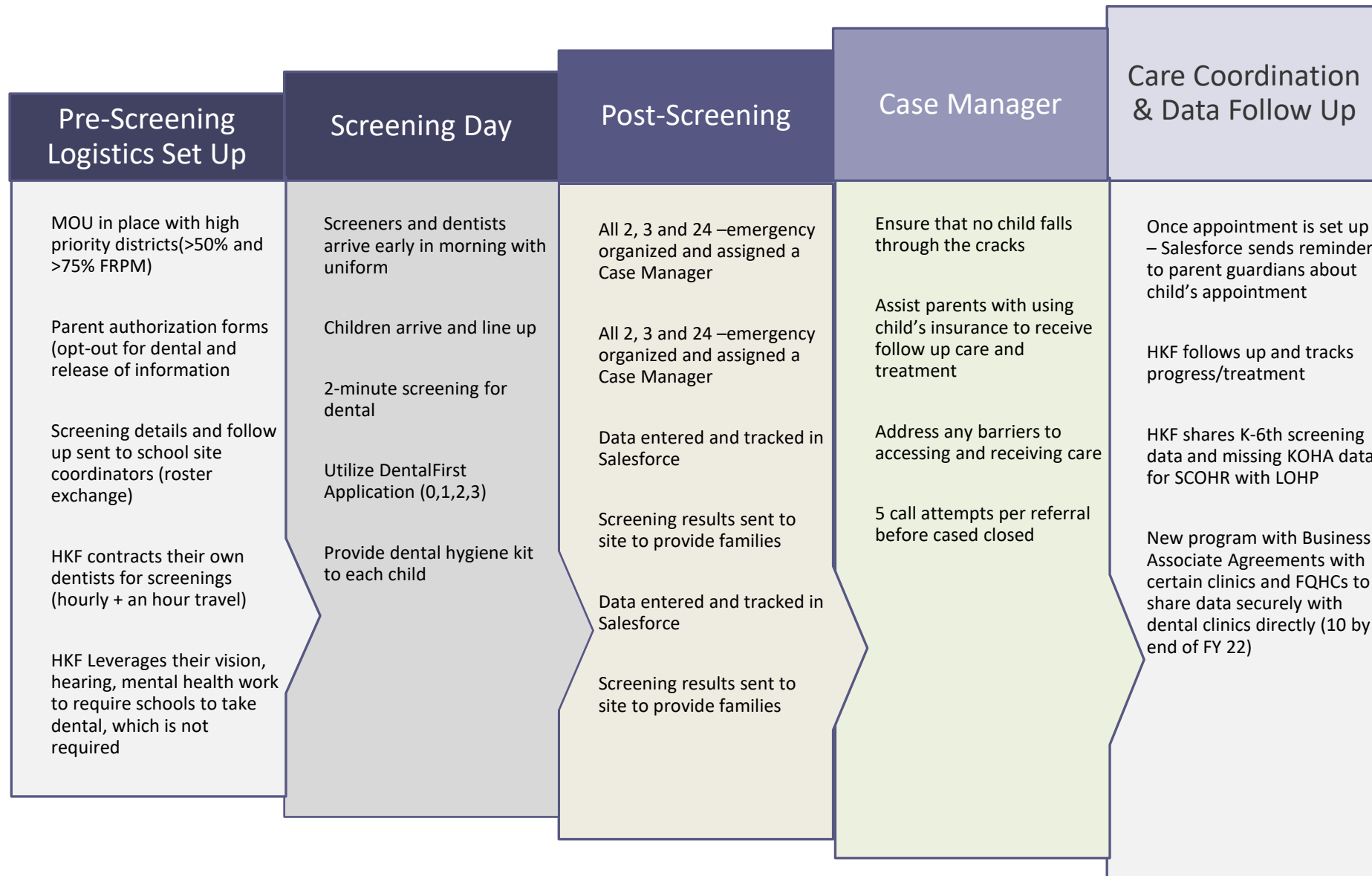


# Expanding Referrals – Dental Clinics

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- ❑ Collaborating with 4 major clinics/FQHCs - expanding to include 10 clinics for partnership
- ❑ Complete Business Associate Agreements (BAAs) and MOUs if preferred for secure data exchange
- ❑ Referral assigned to clinic with BAA agreement– then CM emails parent the release of information authorization form via DocuSign
- ❑ CM emails the signed release form to clinic or FQHC using Virtru
- ❑ Every 2 weeks the FQHC or clinic will send HKF the treatment plans for the client via FTP (saved in secured SharePoint folder)
- ❑ CM checks SharePoint folder for client's treatment plan – uses that to update the status of the client's case and record the success in Salesforce



## Overview of HKF's DentalFirst Screening Protocol

# Innovative Strategies

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- ☐ Collaborating with Western Dental to coordinate dental appointments for a Sunday (1/23/2022)
- ☐ Follow up and communication efforts with families via text (especially DocuSign)
- ☐ Working on program to share secure information with dental clinics directly



# SmileFirst

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- Oral health education classes leveraged by other programs
- 9K-20K potential children – due to funding they train about 10K children/parents per year
- Parents/adults – through their 10 Steps Program or word of mouth
- For students – educator teachers before or after the screenings
- Parent/adult education set up through Salesforce and Zoom - adults receive a stipend

Appointment Date		Type				Total
		Community Based Workshop (30	Transitional Aged Youth	Community Event	School Based Presentation (10-15 minutes)	
FY 2019	Record Count	918	20	1896	8052	10886
FY 2020	Record Count	646	0	0	10869	11515
FY 2021	Record Count	31	0	0	5513	5544
<b>Total</b>	Record Count	1595	20	1896	24434	27945

# Smile First by Grade

FY 19-20 – Total of 7454 children grades K-8<sup>th</sup>

Contact Age at time of Outreach →	5	6	7	8	9	10	11	12	13	14	Total
Grade ↑	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count
0	1679	0	0	0	0	0	0	0	0	0	1679
1	0	798	0	0	0	0	0	0	0	0	798
2	0	0	1806	0	0	0	0	0	0	0	1806
3	0	0	0	834	0	0	0	0	0	0	834
4	0	0	0	0	245	0	0	0	0	0	245
5	0	0	0	0	0	1373	0	0	0	0	1373
6	0	0	0	0	0	0	517	0	0	0	517
7	0	0	0	0	0	0	0	88	0	0	88
8	0	0	0	0	0	0	0	0	92	22	114
Total	1679	798	1806	834	245	1373	517	88	92	22	7454

FY 20-21 – Total of 9869 children grades K-8<sup>th</sup>

Contact Age at time of Outreach →	5	6	7	8	9	10	11	12	13	14	15	Total
Grade ↑	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count	Record Count
0	1232	0	0	0	0	0	0	0	0	0	0	1232
1	0	1201	0	0	0	0	0	0	0	0	0	1201
2	0	0	1332	0	0	0	0	0	0	0	0	1332
3	0	0	0	1366	0	0	0	0	0	0	0	1366
4	0	0	0	0	1230	0	0	0	0	0	0	1230
5	0	0	0	0	0	1291	0	0	0	0	0	1291
6	0	0	0	0	0	0	730	0	0	0	0	730
7	0	0	0	0	0	0	0	599	0	0	0	599
8	0	0	0	0	0	0	0	0	656	225	7	888
Total	1232	1201	1332	1366	1230	1291	730	599	656	225	7	9869



# Overview of Strategies & Partnership Model

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- Healthier Kid's Foundation is a unique partner that serves thousands of low-income children each year through school-based interventions
- Partner with District Nurse Coordinator to increase SCOHR data entry
- Referrals for care-coordination – HKF
- Referrals for dental appointment – Valley Medical Center Dental Network
- Collaborate with HKF for missing KOHA data in SCOHR (manually)
- Build capacity and infrastructure to improve oral health awareness and health outcomes
- Oral health education directory and resources



# Challenges

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- ❖ PANDEMIC – ongoing challenges
- ❖ Everchanging protocols and continuous shifts in priorities
- ❖ School District Nurse Coordinators concerns
- ❖ Increase in referrals due to delay in dental care caused by pandemic (41% of children screened this school year)
- ❖ Hybrid school model and fear of COVID – lead to reduction in school-based screenings in 2020-2021 school year
- ❖ Capacity (LOHP Team)
- ❖ Funding



# Next Steps & Areas for Growth

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Form KOHA Workgroup to address system, data and policies

- Office of Education Data Team
- Healthier Kids Foundation
- Lead District Nurse Coordinator
- Representative from Superintendent Office
- Dental Society
- Immunization
- WIC/First5/Head Start, etc.



- Reach 100% KOHA data reporting in SCOHR
- Identify creative approaches to navigate push back
- Clear Impact to monitor data using RBA
- Identify creative approaches to increase KOHA participation among children
- Create resources about KOHA waiver vs. KOHA completion
- Social media campaign to educate about KOHA



Thank you for your Time!

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669-272-6083

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