Healthier Kids Foundation Santa Clara County presents



At a Glance: Status on Children's Health in Santa Clara County



www.hkidsf.org





Fifth Annual Symposium on the Status on Children's Health in Santa Clara County Keynote Speaker: Dr. Robert H. Lustig, M.D., M.S.L.

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Message from the Chief Executive Officer

Dear Friends of Healthier Kids Foundation,

Over the past year, Santa Clara County has experienced both good news and not so good news, with some real opportunities.

First, the good news: Over 80,000 Santa Clara County residents enrolled in Medi-Cal and another 80,000 enrolled in Covered California during the most recent ACA open enrollment, thereby reducing the overall uninsured population in Santa Clara County by almost 10%. Children having health coverage is just shy of 96%, with less than 3% of 0-5 year olds still lacking insurance. The County has committed to insure all children up to 400% of the Federal Poverty Level (FPL) who are not eligible for state and federal programs.

Next, the bad news. More families in our county are facing self-sustainability issues with the cost of living continuing to rise (see page 8-9 for details) and almost every ethnic group increased the percentage of families making less than 100% FPL.

Due the prevalence of obesity among our community, the medical community is diagnosing more of our children with chronic medical conditions such as Type II diabetes, high blood pressure, and heart conditions. Research by the Centers for Disease Control and Prevention found that 80% of obese children

between the ages of 10-15 continue to be obese at age 25.

Finally, the real opportunities: President of the Board of Supervisors, Dave Cortese, and Santa Clara County Public Health Department committed to complete a Children's Health Assessment over the next year. This assessment will summarize what we know about the health and well-being of children in our county, as well as offer recommendations on needs that should be prioritized and addressed in the near future.

Dr. Robert Lustig's presentation at this year's symposium comes at a very opportune time. He explains that all calories are not created equal, and articulates his stance against sugar – it is compelling and convincing.

Kathleen M King

Our hope is that this book is thought provoking and helps us build strong partnerships that will increase our county's capacity to work toward a healthier community for our children.

KEYNOTE SPEAKER: ROBERT H. LUSTIG. M.D., M.S.L.

Robert H. Lustig, M.D., M.S.L. is Professor of Pediatrics in the Division of Endocrinology, and Member of the Institute for Health Policy Studies at University of California, San Francisco. Dr. Lustig is a neuroendocrinologist whose clinical research has focused on the regulation of energy balance by the central nervous system. He is currently investigating the contribution of biochemical, neural, hormonal, and genetic influences in the expression of the current obesity epidemic both in children and adults. He is one of the leaders of the global "anti-sugar" movement to improve global health. Dr. Lustig graduated from MIT in 1976, and received his M.D. from Cornell University Medical College in 1980. He completed his pediatric residency at St. Louis Children's Hospital in 1983, and his clinical fellowship at UCSF in 1984. From there, he spent six years as a research associate in neuroendocrinology at The Rockefeller University. Most recently he received his Masters in Studies of Law from UC Hastings. He is the author of many academic works, and of the popular book "Fat Chance: Beating the Odds Against Sugar, Processed Food, Obesity, and Disease," and the "Fat Chance Cookbook". Dr. Lustig is also President of the non-profit Institute for Responsible Nutrition, a think tank devoted to improving our food supply.

SPECIAL ACKNOWLEDGEMENT

he intent of the Fifth Annual Symposium on the Status on Children's Health in Santa Clara County is to raise awareness of the importance of children's health and provide a benchmark for our community. Our hope is that each guest will use the knowledge gained during our Symposium to work collaboratively with one another to develop strategic frameworks that will address the unmet health needs of the children in our community. We are extremely grateful for the support of our sponsors as it is only with their support that this Symposium is possible. Healthier Kids Foundation extends its gratitude to: Palo Alto Medical health happens Foundation **HEALTHCARE** Sutter Health We Plus You Helping Silicon Valley Care United Microsoft United Way Silicon Valley **Michael Hsing** Saria Tseng **Foundation**

ith the help of the Children's Health	
Initiative and community advocates, the	
number of uninsured children in Santa Clara	
County has been significantly reduced. With	
Measure A funding, children whose families	
earn up to 400% of the Federal Poverty Level	
FPL) are eligible for free or subsidized health	
nsurance through Healthy Kids, Kaiser's Child	
Health Program, Medi-Cal, or Valley Kids.	

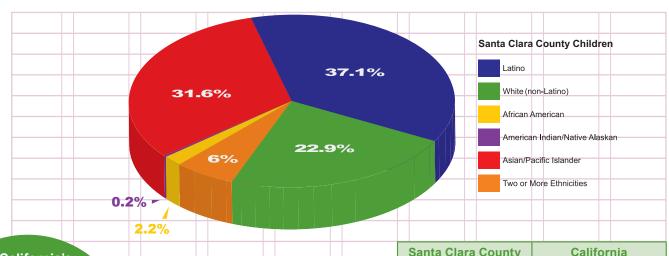
- An estimated 17,678 children (or 4.2% of all children) in Santa Clara county are uninsured. These include children of all ethnicities and families at all income levels. Almost 96% of children in this county had health insurance in 2013, almost universal healthcare.
- ◆ There are far less 0-5 year old children without insurance than 6-17 year olds in every city but Milpitas.
- Milpitas, Gilroy, and Morgan Hill have the highest percentage of uninsured children in Santa Clara County.

Source: U.S. Census Bureau, American Community Survey, 2014; Kidsdata.org, 2012.

			Uni	nsured Child	Iren
City	Children (Ages 0-17)	Percentage of Children	Ages 0-5	Ages 6-17	Ages 0-17
Campbell	8,077	20%	0.7%	3.1%	2.3%
Cupertino	16,204	28%	0.5%	1.6%	1.3%
Gilroy	15,659	30%	4.5%	4.5%	4.5%
Los Altos	7,617	26%	LNE	0.4%	0.3%
Los Gatos	6,767	22%	LNE	1.0%	0.9%
Milpitas	15,113	22%	6.2%	5.8%	5.9%
Morgan Hill	10,375	26%	3.7%	9.2%	7.5%
Mountain View	15,326	20%	0.0%	2.4%	1.5%
Palo Alto	14,752	23%	1.3%	1.3%	1.3%
San Jose	235,845	24%	2.8%	4.9%	4.2%
Santa Clara	26,740	22%	1.4%	5.1%	3.6%
Saratoga	7,095	24%	LNE	1.6%	1.6%
Sunnyvale	32,021	22%	2.5%	3.3%	3.3%
TOTAL	420,900	24%	2.9%	4.9%	4.2%

Footnote: These estimates are based on a survey of the population and are subject to both sampling and non-sampling error. LNE (Low Number Event) refers to estimates that have been suppressed because the margin of error was greater than 5 percentage points.

ETHNICITY OF CHILDREN (AGES 0-17)

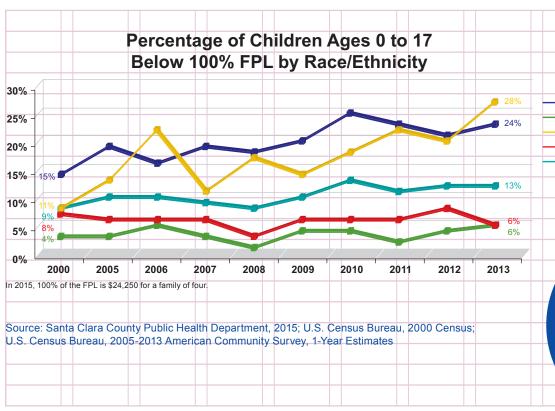


In California's
regions with 65,000
residents or more, Santa
Clara County has the highest
percentage (64.2%) of children
living with one or more
foreign-born parent.

	Santa Clara County	California
Latino	37.1%	51.7%
White (non-Latino)	22.9%	27.0%
African American/Black	2.2%	5.4%
American Indian/Alaska Native	0.2%	0.4%
Asian/Pacific Islander	31.6%	11.1%
Two or More Ethnicities	6.0%	4.5%
Source: Lucile Packard Foundation for Children's Health, kids	sdata.org, 2014.	

(Lucile Packard Foundation for Children's Health, kidsdata.org, 2013)

INCOME LEVEL OF CHILDREN (AGES 0-17) IN SANTA CLARA COUNTY AS A PERCENTAGE OF THE FEDERAL POVERTY LEVEL (FPL)



Since 2000,
almost every ethnic
group in Santa Clara
County has lost ground in
their economic stability, with
each group experiencing an
increase in the category of
earning less than 100% of
the FPL (with the
exception of
Asians).

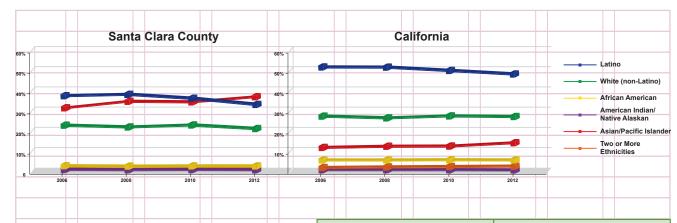
Latino

White (non-Latino)

African American

Asian/Pacific Islander Santa Clara County

BIRTH RATES BY ETHNICITY



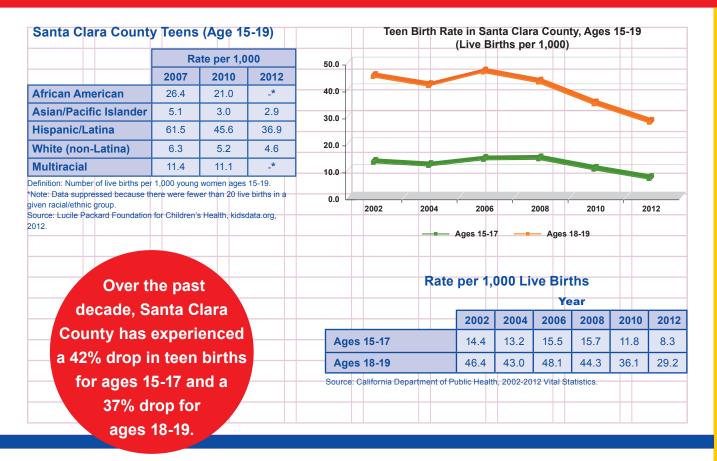
Birthrates in
Santa Clara County
fell from 27.5K in 2007
to 23.6K in 2011, a 14%
decrease in births. Twenty-four
thousand babies were born in
2012, the first year of
increased births since the
economic slowdown
of 2009

	Santa Clara County		California					
	2006	2008	2010	2012	2006	2008	2010	2012
Latino	37.0%	37.7%	35.7%	32.6%	52.2%	52.1%	50.4%	48.6%
White (non-Latino)	22.3%	21.4%	22.4%	20.6%	27.4%	26.5%	27.5%	27.2%
African American	2.1%	1.9%	2.0%	2.0%	5.3%	5.3%	5.4%	5.3%
American Indian/Native Alaskan	0.2%	0.1%	0.2%	0.1%	0.4%	0.4%	0.4%	0.3%
Asian/Pacific Islander	30.9%	34.2%	33.9%	36.5%	11.6%	12.2%	12.3%	14.0%
Two or More Ethnicities	1.2%	1.4%	1.6%	1.6%	1.5%	1.8%	2.0%	2.2%

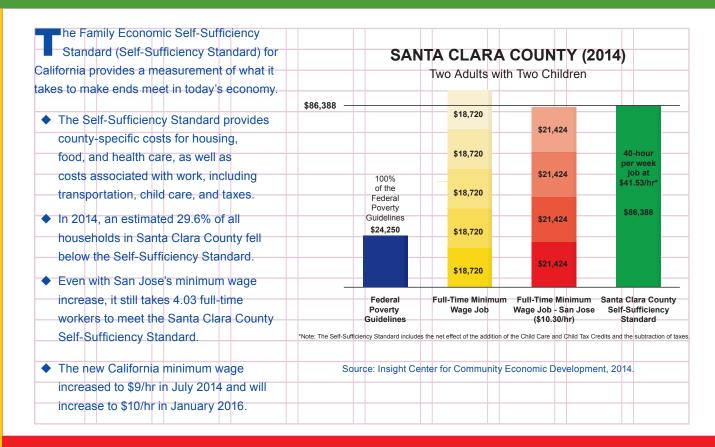
Source: Lucile Packard Foundation for Children's Health, kidsdata.org, 2012.

of 2008.

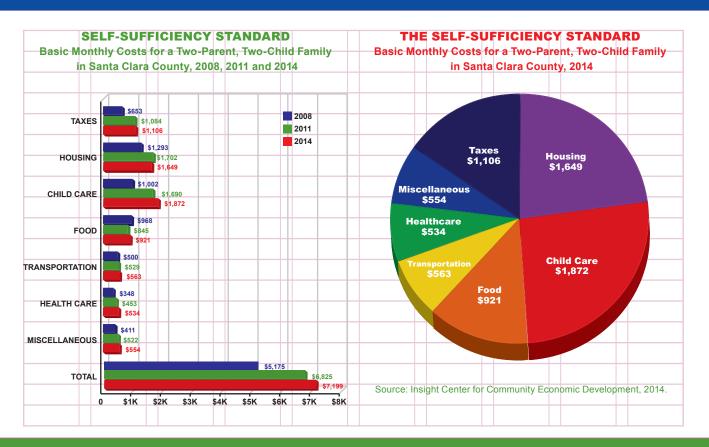
SANTA CLARA COUNTY TEEN BIRTH RATES (AGES 15-19)



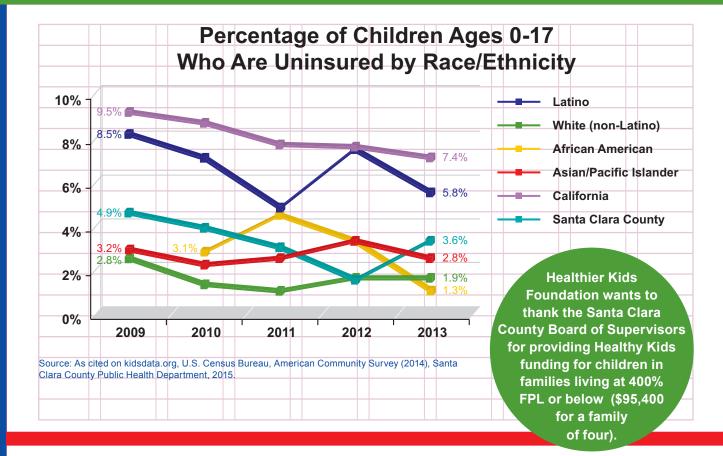
SELF-SUFFICIENCY STANDARD FOR SANTA CLARA COUNTY



SELF-SUFFICIENCY STANDARD FOR SANTA CLARA COUNTY



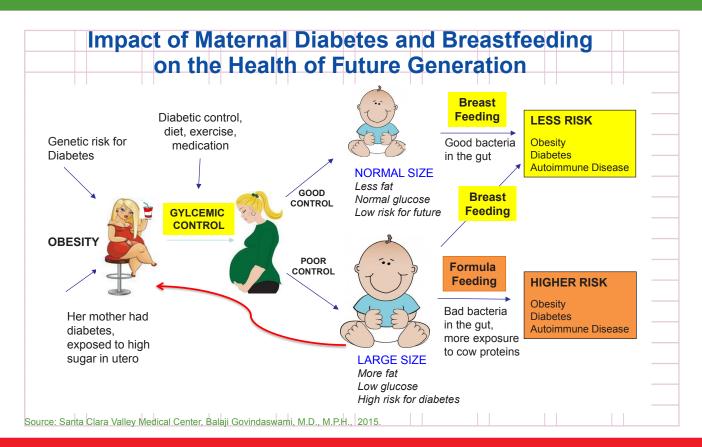
HEALTH COVERAGE OF CHILDREN (AGES 0-17)



CITY AND SMALL AREA/NEIGHBORHOOD PROFILES

	Tully King	scc	he following inform	mation is provide	ed by Santa
Population Size	12,985	1,781,642	Clara County Pub	lic Health and is	an example
Race/Ethnicity			of the demographic info	ormation for the	Tully and King
African American	2%	2%	neighborhood in San J	ose for 2014 Th	nis data is
Asian/Pacific Islander	45%	32%	neighborhood in San J benchmarked against t		
Latino	46%	27%		ne overali Santa	Clara County
White	5%	35%	Tully King demographics.		
Foreign-Born	53%	37%	Affordable, accessible, and nutritious foods		
Speaks a language other than English at home	79%	51%		Tully King	SCC
Single parent households	15%	7%	Households receiving CalFresh benefits	14%	4%
Households with Children	50%	38%	Average distance (miles) to nearest full-service grocery store	0.51	1.11
Average household size	4.065	2.90	Average distance (miles) to nearest farmer's market	2.88	2.06
Age Groups			Number of fast food outlets per square mile	10.30	2
0-5 years	9%	8%	Sources: U.S. Census Bureau, 2010 Census and 2007-2011 /	American Community S	Survey 5-Year
6-11 years	8%	8%	Estimates; Santa Clara County Information Services Separtme		1 1
12-17 years	8%	8%			
18-24 years	11%	9%	Affordable and high quality housing		
25-34 years	15%	15%		Tully King	scc
35-44 years	14%	16%	Households with gross rent 30% or more of household income	65%	46%
45-54 years	13%	15%	Overcrowded households	14%	7%
55-64 years	10%	10%			1 1 1 1
Ages 65 and older	12%	11%	Lives in multi-unit housing	27%	33%
Sources: U.S. Census Bureau, 20 American Community Survey 5-Ye		007-2011	Demographic information pertaining to all cities and city neighborhoods in the Clara County Public Health webpage at http://www.sccgov.org/sites/sccphd/e Sources: U.S. Census Bureau, 2007-2011 American Commun	n-us/Partners/Data/Pages/C	City-Profiles.aspx.

PRENATAL HEALTH



INFANT HEALTH

How much do babies typically eat?

A newborn's tummy is very small, especially in the early days. Once breastfeeding is established, exclusively breastfed babies from 1 to 6 months of age take in between 19 and 30 ounces per day. If you breastfeed 8 times per day, then the baby would eat 3 ounces per feeding. Older babies will take less breastmilk as other food is introduced. Although, every baby is different.

The Newborn Tummy



At birth, the baby's stomach can comfortably digest what would fit in a hazelnut (about 1-2 teaspoons). In the first week, the baby's stomach grows to hold about 2 ounces or what would fit in a walnut.

Source: Your Guide to Breastfeeding, U.S. Department of Health and Human Services. Office on Women's Health. 2014.

Breastfeeding Benefits

- ◆ The cells, hormones, and antibodies in breastmilk protect babies from illness. Research suggests that breastfed babies have lower risks of asthma, childhood obesity, ear infections, type 2 diabetes, and lower respiratory infections.
- For most babies, especially premature babies, breastmilk substitutes like formula are harder to digest than breastmilk.
- Formula and feeding supplies can cost well over \$1,500 each year. Breastfed babies may also be sick less often, which can help keep your baby's health costs lower.
- Recent research shows that if 90% of families breastfed exclusively for 6 months, nearly 1,000 deaths among infants could be prevented-saving the U.S. \$2.2 billion per year in medical care costs.

MENTAL HEALTH

anta Clara County's Mental
Health Department's Family
& Children's Division served 9,583
children in fiscal year 2013. On
average, a child received 9.7 hours
per month.
Through Santa Clara
County's Mental Health
Department, Latino children
vere the largest ethnic group
to have received mental
health services (63%) in
fiscal year 2013.

Ethnicity	Children Served	% of Total Served
Latino	6,047	63.1%
White	1,416	14.8%
Asian/Pacific Islander	820	8.6%
African American	540	5.6%
American Indian	85	0.9%
Multi-Ethnic	14	0.1%
Other	661	6.9%
Total	9,583	100.0%
Gender	Children Served	% of Total Served
Female	3,921	40.9%
Male	5,662	59.1%
Total	9,583	100.0%

he issue of access to dental services remains a critical issue for low-income children in Santa Clara County.

Despite almost 95% of the children in Santa Clara County having medical coverage, 12.8% of children do not have dental coverage.

Santa Clara County Dental Society (SCCDS) Outcome of Give Kids a Smile Program (GKAS)

	Total Students	#1 No Visible Caries	#2 Visible Caries	#3 Severe Caries
2015 Total	8,352	6,165	1,722	465
2015 Percentage	100%	73.8%	20.6%	5.6%
2013 Total	6,291	4,737	1,307	247
2013 Percentage	100%	75%	21%	4%
2012 Total	9,373	6,967	1,877	529
2012 Percentage	100%	74%	20%	6%
2011 Total	8,095	5,299	2,308	488
2011 Percentage	100%	65%	29%	6%

Each February, SCCDS screens school-aged children for dental issues as part of the national GKAS program.

Note: Caries refers to any tooth decay.

Length of Time Since Child's (Ages 2-17) Last Dental Visit (2011-2012)

Length of Time		Santa Cla	ra County	California		
	Since Last Dental Visit	Ages 2-11	Ages 12-17	Ages 2-11	Ages 12-17	
	Less than 6 months ago	76.8%	89.4%	72.9%	77.7%	
	6 to 12 months ago	11.8%	8.5%	12.9%	13.3%	
	More than 12 months ago	3.6%	2.1%	3.9%	7.6%	
	Never had a dental visit	7.8%	*	10.3%	1.4%	

* LNE (Low Number Events) refers to data that have been suppressed because there were fewer than 50 unweighted cases in the denominator, or if the weighted estimate (the estimated number of children) was less than 500.

Source: California Health Interview Survey, 2013; Kidsdata.org, 2013.

Wide disparities
exist by income, race, and
other socioeconomic factors,
with the result that 80% of
early childhood cavities are
concentrated in just
25% of all children.

ORAL HEALTH GUIDELINE

	Recommendations	
Prenatal	Have an oral evaluation, be counseled on proper oral hygiene, and be referred for preventive and therapeutic oral health care.	
	Use oxylitol gum at least 2 to 3 times per day, evidence significantly decreases the future child's caries rate.	
Newborns	As soon as first tooth erupts, brush twice daily with small soft brush. For children at moderate to high risk of caries, use a smear of fluoridated toothpaste. Begin flossing when adjacent tooth surfaces cannot be cleansed with a toothbrush.	Contrary
Child's First Dental	First visit by first birthday, within 6 months of eruption of first tooth and no later	to common
Visit	than 12 months of age.	perception, denta
Professional	For children at moderate caries risk, apply once every 6 months; for children at	caries - the condit
Application of Topical Fluoride	high risk, apply once every 3 to 6 months.	which causes too
Primary Teeth	Apply sealants on pits and fissures. For caries-susceptible primary molars, place as soon as possible after eruption.	decay and cavitied - is a transmittab
Permanent Teeth	Apply sealants on pits and fissures. For permanent molars, premolars, and anterior teeth with deep pits and fissures, place as soon as possible after	disease.

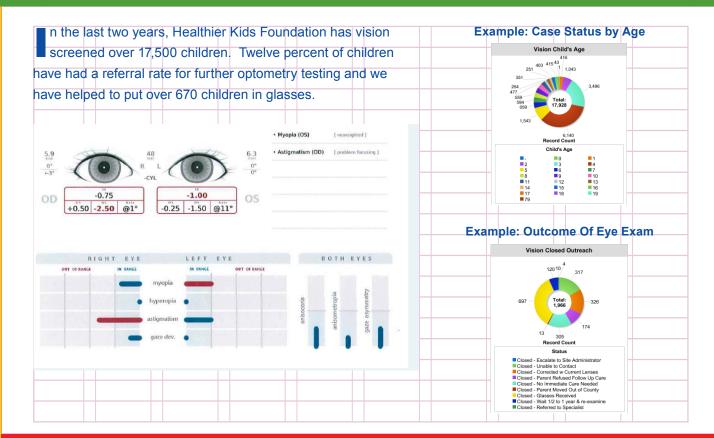
VISION HEALTH

Vision impairment is the most common disability among U.S. children.

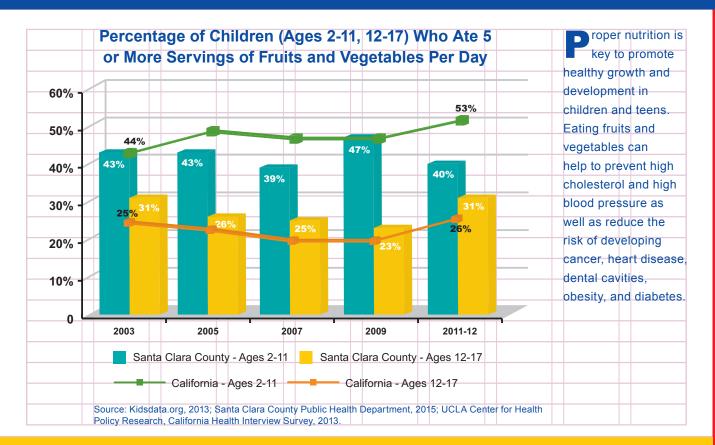
- ◆ Approximately 80% of children's learning is visual.
- ◆ An estimated 5 to 10% of preschool-aged children suffer from some form of visual impairment.
- ◆ About 25% of students in grades K-6 suffer from vision problems serious enough to impede their capacity to learn.
- ♦ An estimated 80% of children with a learning disability have an undiagnosed vision problem.
- ◆ An estimated 70% of at-risk youth involved in the juvenile justice system have a vision problem.



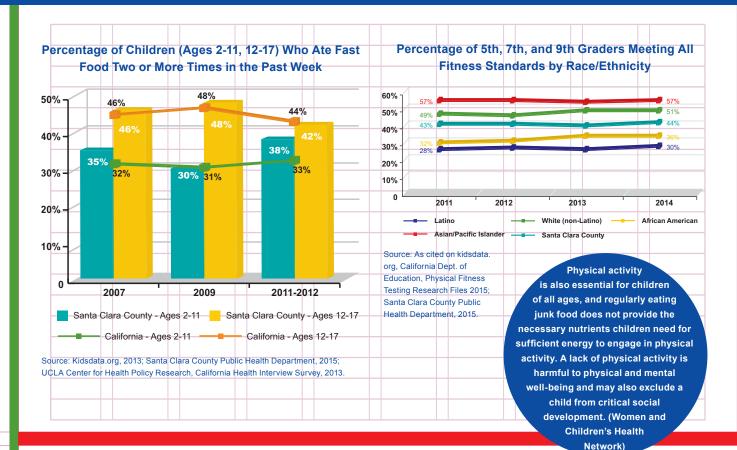
VISIONFIRST



Healthy Lifestyles **OBESITY**



Healthy Lifestyles OBESITY



10 STEPS TO A HEALTHIER YOU

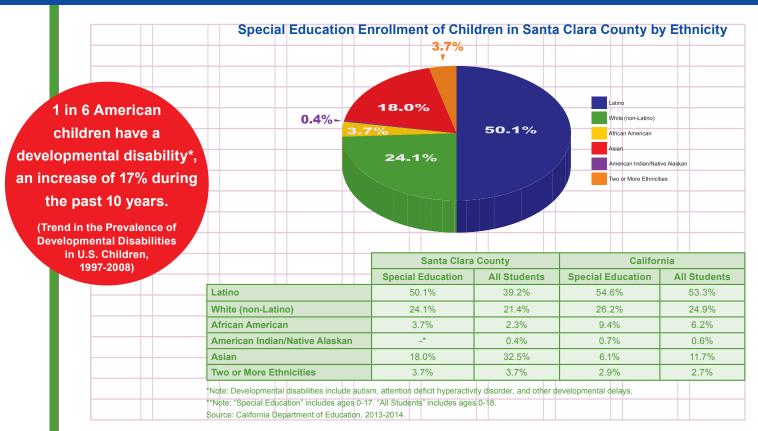
anta Clara Valley Medical Center's Pediatric Healthy Lifestyle Center (PHLC) is a medical clinic that provides family-centered, community-linked preventative health care, lifestyle management, and medical intervention to children and youth at risk for Type 2 diabetes and other lifestyle-related conditions. PHLC's 10 Steps to a Healthier You includes the following evidence-based healthy lifestyle recommendations:

- 1. Eat 2 fruits and 2 cups of vegetables every day.
- 2. Drink water instead of soda or other sweet drinks.
- 3. Eat fruit instead of drinking juice.
- Choose a healthy, natural snack (fruit is best) instead of packaged snacks.
- 5. For children older than 2 years of age, drink low-fat (1%) or non-fat (skim) milk.
- 6. Eat family meals at regular times.
- 7. Eat three meals a day (breakfast is especially important!).
- 8. Be active/play outside at least 1 hour every day (more is better!).
- 9. Choose only one TV program (or none) per day.
- Get enough sleep.

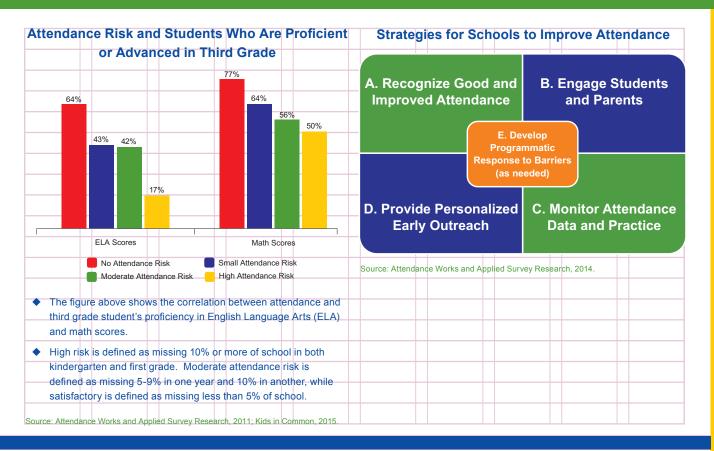
For more information on the PHLC and/or 10 Steps to a Healthier You, please contact us at 855.344.6347 or 10steps@hkidsf.org.



Health and Education SPECIAL EDUCATION



HEALTH TO EDUCATION



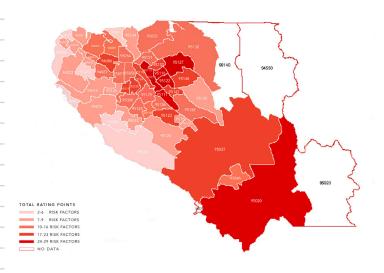
FIRST 5 SANTA CLARA COUNTY

IRST 5 Santa Clara County's mission is to support the healthy development of children prenatal through age five and enrich the lives of their families and communities.

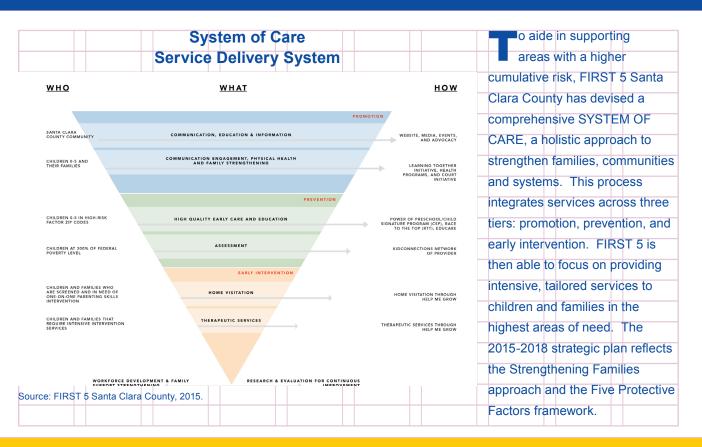
Children in Santa Clara County who face the greatest risk of poor developmental outcomes live in the following six zip codes: 95020, 95111, 95122, 95116, 95112 and 95127. The following graph displays the areas where there is a greater cumulative risk in dark red. Risk factor ratings within the zip code areas were developed based on the following:

- ◆ Mother with no high school degree;
- ◆ Teenage mother;
- Low birth weight;
- Late entry to prenatal care;
- Substantiated child abuse reports;
- ◆ Domestic violence involving children;
- ◆ Medi-Cal; and
- Elevated blood levels.

Source: FIRST 5 Santa Clara County, 2015.



FIRST 5 SANTA CLARA COUNTY



HEALTHIER KIDS FOUNDATION

VisionFirst Using a high-tech, photo optic scan DentalFirst **Baby Gateway** camera, this Screens children for program screens Enrolls newborns into undetected dental children for Medi-Cal, ensures they issues and assists undetected vision secure a medical home. them with accessina issues and assists and provides parenting follow-up dental care them with accessing and health resources follow-up vision before being services and discharged from the prescribed treatment hospital **HearingFirst** Using the AuDX Pro 10 Steps to a Healthier You OEA screening device, Community Outreach, this program screens A free, three-class series Prevention, and children for for parents that focuses on Education (COPE) undetected hearing integrating healthy lifestyles Identifies uninsured issues and assists within their homes to children and assists them with obtaining prevent or reduce childhood their parents in hearing services and and adolescent obesity obtaining subsidized receiving treatment health coverage Class 1: 10 Steps to a Healthier You! Class 2: Structure and Routines Class 3: 5 Keys to Raising a Healthy, Happy Eater

PROGRAM CONTACT INFORMATION



For more information regarding Healthier Kids Foundation programs, please contact us at:

10 STEPS

855.344.6347 or 10steps@hkidsf.org

BABY GATEWAY

408.564.5114 x203 or baby@hkidsf.org

COMMUNITY OUTREACH

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DENTALFIRST

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HEARINGFIRST

408.564.5114 x206 or hearingfirst@hkidsf.org

VISIONFIRST

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CONCLUSION

ur Fifth Annual Symposium on the Status on	Fifth Annual Symposium Speakers		
Children's Health continues to be an opportunity	Presenter	Presentation Topic	E-mail Address
to raise awareness of the importance of the health of our children and the critical health needs that still	Dianna J. Ballesteros, Ed.D., Executive Director of St. Elizabeth's Day Home	Health in Action Testimonials	dianna@sedh.org
need to be addressed. The intent of the Symposium	Dave Cortese, Santa Clara County Board of Supervisors President	Welcome	Dave.Cortese@bos. sccgov.org
is to facilitate conversations that need to happen so that we, as a collective and diverse community, can	Balaji Govindaswami, M.D., Chief, Newborn Medicine, SCVMC	Leading Causes of Infant Mortality & Morbidity	Balaji. Govindaswami@hhs sccgov.org
build strong, effective frameworks for addressing the health deficiencies among our children.	Cayce Hill, Veggielution	Veggielution Presentation	cayceh@ veggielution.org
These programs in the community, are working	Kathleen King, CEO of Healthier Kids Foundation	Welcome and Program Update and Overview of At a Glance, Fifth Edition	Kathleen@hkidsf.org
diligently to address the many health issues affecting the children in our community. Now, let's all collaborate to create a healthier community for our	Robert J. Lustig, M.D., M.S.L., Professor of Pediatrics in the Division of Endocrinology, and Member of the Institute of Health Policy Studies at UCSF	The Sugar Pandemic: Policy vs. Politics	rlustigmd@earthlink. net
children!	Lisa Noon, Go Noodle Representative	Go Noodle Activity	lisa.noon@gonoodle com
For more information regarding our Fifth Annual	Anisha Patel, Assistant Professor, Division of General Pediatrics, UCSF	Importance of Water & Hydration Stations	Anisha.Patel@ucsf. org
Symposium presentations, please visit our website at	Jessica Ray, D.D.S.	Children's Dental Group	drjessicaray@ comcast.net
www.hkidsf.org/content/symposium.	Jolene Smith, CEO of FIRST 5 Santa Clara County	Introduction of Keynote Speaker	Joelene@FIRST5. org

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