

SKYGEN

TRANSFORM22

SKYGEN INTERNATIONAL FOUNDATION



Lisa Sweeny

Executive Director

SKYGEN International Foundation

TRANSFORM²²

WHY?

Life's most persistent and urgent question is, what are you doing for others?

Martin Luther King, Jr.

The meaning of life is to find your gift. The purpose of life is to give it away.

William Shakespeare

It's easy to make a buck. It's a lot tougher to make a difference.

Tom Brokaw

We make a living by what we get, but we make a life by what we give.

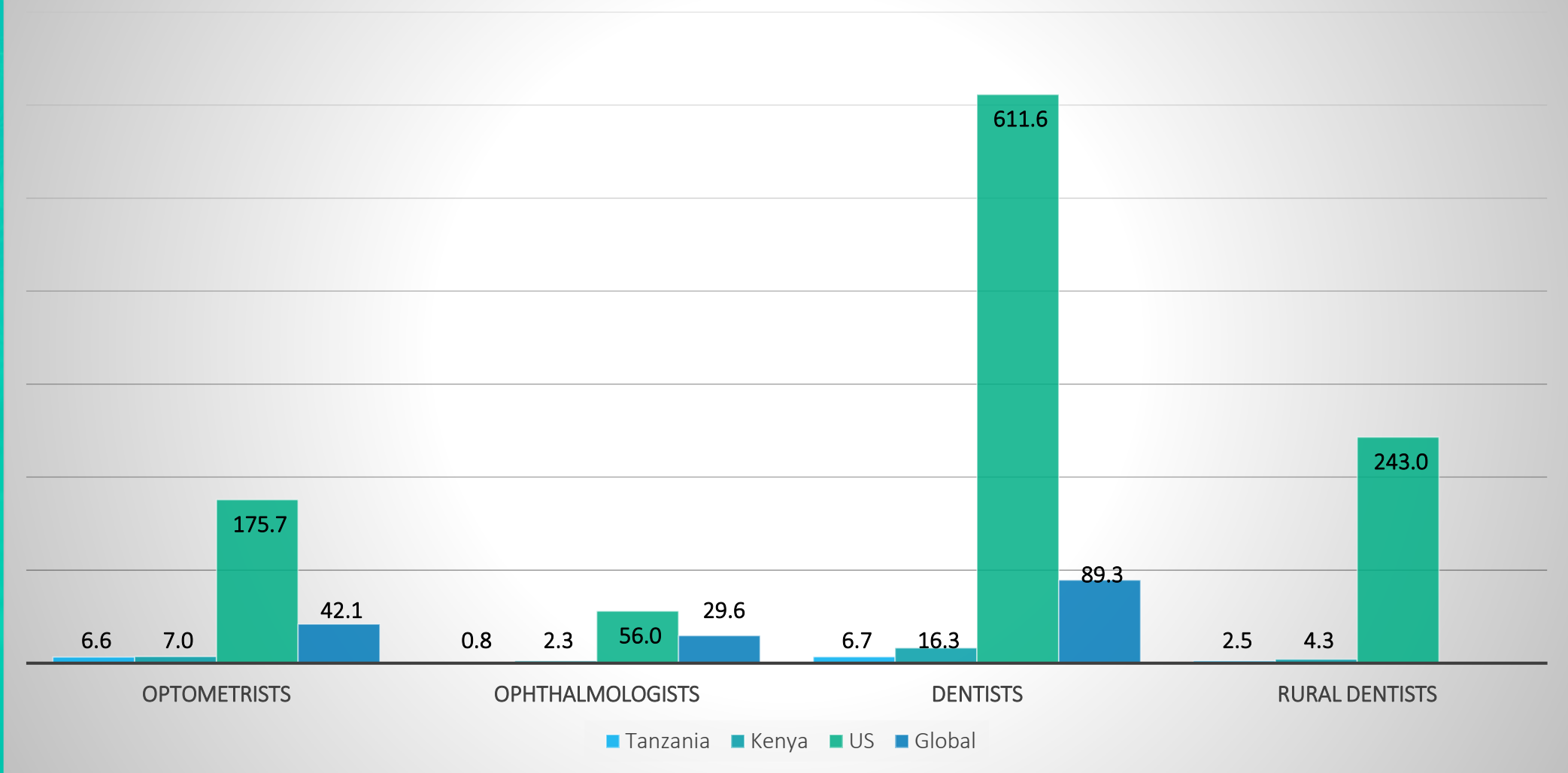
Winston Churchill

WHY AFRICA?

- Poverty rates, living on less than \$1.90 per day, approach/exceed 40% in Tanzania and Kenya
- WHO African Region estimates that
 - over 400 million people have some form of oral disease
 - 26.3 million people have vision impairment
- Oral disease can lead to cardiovascular disease, diabetes, cancer, pregnancy complications, etc.
- Vision impairment leads to low academic and work performance, low self-esteem, limited opportunities, etc.



Providers per 1 Million People



CLINIC OFFERINGS



- Mobile Clinics – TZ and Kenya
- Maji ya Chai, TZ
- NSK Hospital, Arusha, TZ
- Kaliluni Medical Center, Kaliluni, Kenya

VISION SERVICES

- Acuity testing
- Refractive testing
- Ready 2 Clip glasses
- Staff optometrists and ophthalmologists
- Adding more comprehensive testing
- Adding ophthalmic services
- Vision health education





- Sealants/fluoride as appropriate
- Exams
- Limited restorative
 - Fillings
 - Simple extractions
- Oral health education
- Toothbrushes and toothpaste
- Referrals to partner organizations for major work

PROGRESS TO DATE

- Vision tests for over 180,000 people
- Glasses for over 36,000 people
- Clinics at almost 400 schools, testing and educating every person
- Steady employment for team members
- Leading edge, high quality equipment (auto refractors, phoropters, slit lamps, test lenses, etc.)



MEET AGNESS & GADIEL

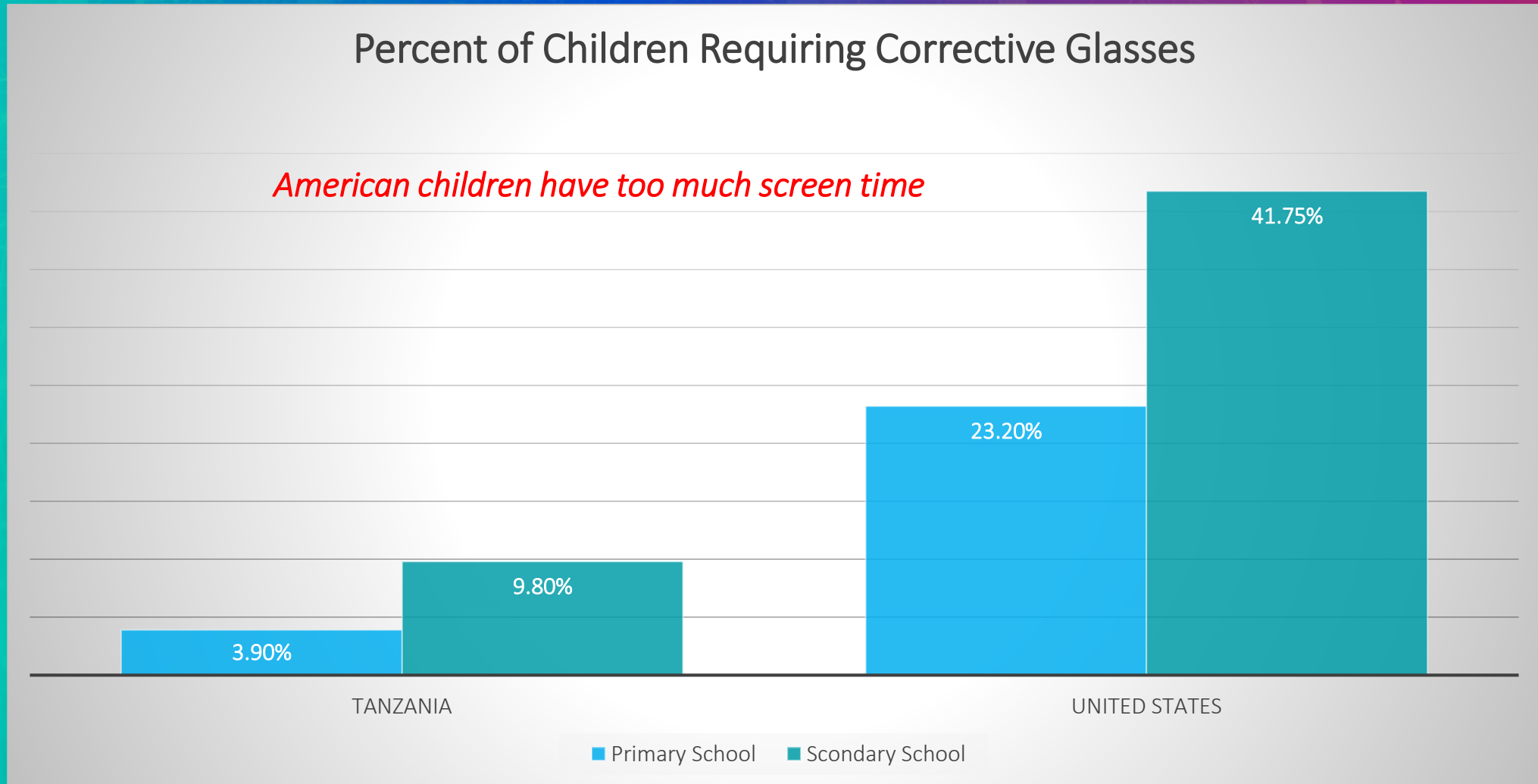


- 13 years old
- Could not pass standardized school tests to advance
- Vision correction 1200

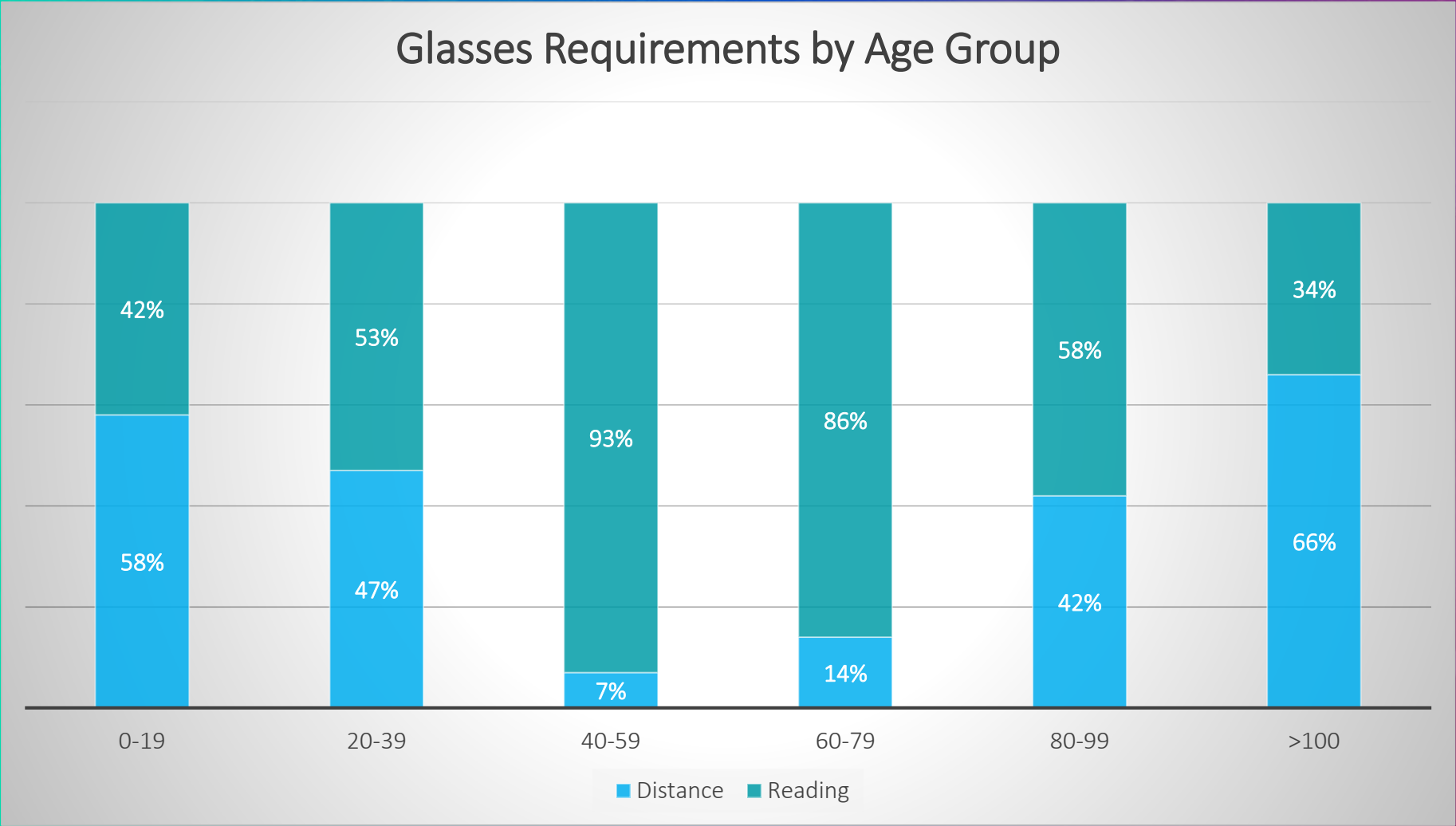
- 6 years old
- Had to hold walls in dim lighting to avoid walking into things
- Vision correction 600



INTERESTING FACT – FAR FEWER TZ CHILDREN REQUIRE GLASSES



INTERESTING FACT – THE NEED FOR READERS SPIKES AROUND AGES 40 - 80



Youngest - 21 Months

Oldest – 103 Years

PARTNERS

- Foundation for Preventative Health (FPH)
- Essilor International
- Alliance for Oral Health Across Borders (AOHAB)
- Miracle Corners Tanzania (MCT)
- Dental schools in Mbeya, Tanga & Iringa, Tanzania
- University of Nairobi School of Dental Sciences (Kenya)
- Kaliluni Medical Center (KMC)
- NSK Hospital (Arusha, Tanzania)



NGO established in Tanzania and Kenya

Led by Emanuel Kitoi

Provides local team and interface with local government officials and other groups

- Supplier of Ready 2 Clip and custom glasses
- “Vision for Life” endowment contribution to our programs
- Partnership with FPH to establish glass cutting in Maji ya Chai
- Invaluable expertise, insight and recommendations



A NEW APPROACH TO OUTREACH

- Collaborative effort with MCT and local dental schools
- International mission trips versus local change agents
- Community Health Fellowship model:
 - 3 year program with 1 cohort per year
 - 30 recent Dental Therapy Graduates
 - 6-month Fellowship
 - Field placement throughout Tanzania
 - In person and field training to be oral health ambassadors
- Cohort 2022 starts October 24

COMMUNITY HEALTH FELLOWSHIP PROGRAM

- Curriculum includes:
 - Communication skills for Community Health Leaders
 - Re-defining leadership
 - Establishing an entrepreneurial mindset
 - Time management
 - Basics of nutrition, WASH, vision and other NCDs
- Goals (over 3 years)
 - 90,000 community members reached across TZ
 - 75% of fellows continue community-level work
 - Complete integration with SKYGEN programs and team members
 - Expansion into Vision and into Kenya



NSK HOSPITAL VISION AND DENTAL CLINICS

Partnership with local hospital – Started 9/8/22

Referral location for complex issues identified at mobile clinics

General services include:

- Auto-refraction
- Pressure checks
- Dental cleaning
- Minor restorative work

Dentists and ophthalmologists available:

- Major dental work
- Cataracts & other eye issues

Patients charged base on ability to pay



KALILUNI MEDICAL CENTER

Village in remote mountain area

One small clinic; Machakos hospital is 20 miles away

Samuel Muinde built the center

Gave us the building to use for at least 4 year

Will have both dental and optical departments

Completion goal is end of November



Farmers and a few small businesses

No nearby access to care

Start with Optometry clinic

Expand to Dental

Greatly impacted by fluorosis

Lens cutting operation





FOR MORE INFORMATION



[SKYGENFoundation.org](https://www.SKYGENFoundation.org)



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