

# Cambodia Fact Sheet

**SEVA'S WORK AT A GLANCE:** In country since 1998 | Partners: 6



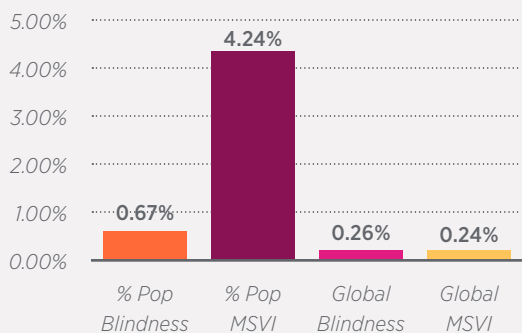
## Country Overview

- » Bordered by Thailand to the northwest, Laos to the northeast, Vietnam to the east and the Gulf of Thailand to the southwest.
- » Cambodia spans 181,035 square kilometers (69,898 square miles).
- » Population: 16.7 million people.
- » 2020 Human Development Index Ranking: 144 of 189 countries.

## Scope of Eye Care Needs

- » 0.67% of Cambodia's population is blind (112,528) as compared to 0.19% in the United States.
- » 4.24% of the population has moderate to severe vision impairment or MSVI (713,283) as compared to 2.02% in the United States.
- » Cambodia's Global Burden of Blindness is 0.26% and Global Burden of MSVI is 0.24%.

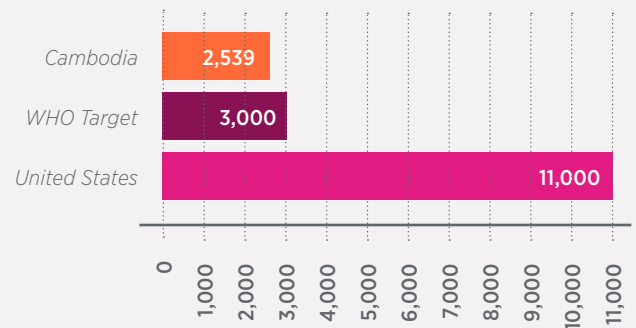
### EYE CARE NEEDS



## Nationwide Eye Care Response

- » Cambodia's CSR was 2,539 surgeries per million<sup>1</sup> in 2019, as compared to the US CSR of 11,000.
- » 3.9 Ophthalmologists per million people in Cambodia (71/16.7M as of 2019. US = 54.7 per million people).
- » 9 allied ophthalmic personnel per million (152/16.7M) as of 2019.

### CATARACT SURGICAL RATE PER MILLION PEOPLE



<sup>1</sup> 2020 UNDP Human Development Report: <http://hdr.undp.org/en/countries> - country overview

<sup>2</sup> Unless otherwise noted, all country sight statistics from IAPB Vision Atlas: <http://atlas.iapb.org/global-action-plan/gap-indicators/>

### Context

Cambodia is a country rich in culture, inspired from nearly two millennia of a unique Khmer blend of Buddhism, Hinduism and animistic religious belief systems. After years of painful genocide and civil war, now just under 40 years later, the Cambodian population continues to slowly rebuild and reclaim their culture as well as an infrastructure of government and health care systems. The majority of the population lives in rural communities practicing traditional and other forms of agriculture, making access to primary health care facilities extremely challenging.<sup>1</sup>

Today, there are less than 71 fully trained ophthalmologists in a country of over 16 million – Seva has trained at least four of them and is currently training two more. The large majority of those experiencing blindness in Cambodia are either preventable or curable, but sadly the vast majority of Cambodians do not have access to quality, affordable eye care. Seva works in five provinces, with in country partners, to bring needed eye care services to Cambodia's most vulnerable populations, including rural communities, women, and children.

**Countrywide services** continue to be built out in attempts at alleviating this concern. Existing and new infrastructure of hospitals and health centers as well as the professionals who staff these locations and other remote programs throughout the country are pivotal in providing Cambodians with the care they need and deserve.

In a country with a total of 25 provinces, there are **24 provincial referral hospitals** with eye units and 331 Health centers in Cambodia with eye units (29% of the countries total number of health centers). It's clear the country is striving to tackle the widespread issue of preventable blindness. However, with a total of only 71 Ophthalmologists (3.9 for every million person) and 152 allied ophthalmic personnel (ophthalmic and refraction nurses), or 9 for every million persons, the country still needs a significant increase in trained and available eye care professionals.

### Seva's Approach in Cambodia

Seva works in five provinces throughout Cambodia with nine partners including the Ministry of Health, government operated eye clinics and health facilities as well as not-for-profit clinics. The provinces include Banteay Meanchey, Siem Reap, Battambang and Pursat all in the northwest and Kampot, in the southwest bordering Vietnam. Seva's target is to screen 26% of the total population by continuing to work with existing partners in these provinces.

Seva's approach to addressing eye health needs in Cambodia prioritize three key strategies; **Access** to universal eye care, building **Capacity** of personnel and infrastructure as well as **Evidence**-based interventions and advocacy.

**Primary eye care services** offer adult outpatient services through key partner hospitals and vision centers in Seva's catchment area. Community outreach activities include screenings and door-to-door visits in remote communities as well as distribution of educational materials and radio PSAs.

Modern **Technology** for patient care is vital in supporting up to date practices implemented locally. By purchasing clinical equipment for partner hospitals, Seva and our partners ensure an increase in availability of quality services for the Cambodian population.

By focusing on **Hospital Management Systems** such as training, tracking and evaluations, hospitals and local communities alike are more equipped to build out their capacity and more effectively serve their populations. Seva with our partners, provide trainings for local doctors in ophthalmology residencies, Allied Ophthalmic personnel as well as teachers for school screenings. The quality of cataract surgeries, evaluation of personnel and the effectiveness of service delivery are all tracked. Attendance at professional conferences and meetings allows our partners to share program findings with a broader community of specialists.

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<sup>1</sup> [http://www.wpro.who.int/health\\_services/service\\_delivery\\_profile\\_cambodia.pdf](http://www.wpro.who.int/health_services/service_delivery_profile_cambodia.pdf)

## CAMBODIA FACT SHEET

Seva continues to build our partnership with Angkor Hospital for Children in delivering **pediatric outpatient services** and eye camps (exams, eye health education, medical treatment, glasses, surgeries, transport) with technology and trained personnel (Pediatric Allied Ophthalmic Personnel; Health Center Staff; Teachers for school screening). The quality of cataract surgeries, specifically for pediatrics, is always tracked and the findings disseminated with other professionals who are invested in improving universal eye care.

Seva has also been working closely with the Ministry of Health and National Plan for Eye Health (NPEH) in developing Cambodia's next 10-year road map on eye health. Seva Cambodia is an active member of the consultative team established by the government and has been contributing to the development of national eye health strategies.

### SPOTLIGHT ON COVID-19 RESPONSE

Seva Cambodia purchased and supplied Rapid Test Devices and Personal Protective Equipment (PPE) in July 2021 to five government eye units and hospitals: Battambang eye unit at Battambang Provincial Referral Hospital, Banteay Meanchey eye unit at Cambodia-Japan Friendship Mongkol Borey Provincial Hospital in Banteay Meanchey, Pursat eye unit at Pursat Provincial Referral Hospital, Kampot eye unit at Kampot Referral Hospital and Siem Reap Regional Eye hospital at Siem Reap Referral Hospital. These Rapid Test Devices and PPE were used as safety measures at for eye patients who urgently needed to receive eye surgeries.

### EYE CARE PERSONNEL

3.9



Ophthalmologists per million people

9



Ophthalmic personnel per million people

= 1 million people

### IMPACT (FY 2020-2021)\*

44,839

People receiving services

4,766

Cataract surgeries performed

6,463

Children screened

2,697

Children receiving surgery

1,543

Children receiving glasses

21

Administrators trained

17

Doctors trained

35

AOPS trained

10

Community Health Promoters trained

\* Numbers based on reports received.

### Impact of COVID-19 in Cambodia

COVID-19 cases across Cambodia remain low to date with fewer than 1,000 new daily cases reported across the country. In response to COVID, Seva’s staff and partners have incorporated additional safety protocols into its day to day operations. Community screening remains limited and in accordance to enhanced protection and part of its response, Seva organized training for its partners in the development

and implementation of standard operation procedures for COVID-19 and safety. Seva also provided essential protective equipment and Rapid COVID test kits to its partner hospitals.

### Resources

[Seva in Cambodia](#)

