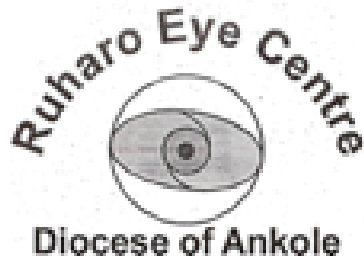


CBM-Peek Mbarara Community Eye Health Project

**Presentation to COECSA UGANDA
AT MANSION HOTEL-JINJA
4TH December 2021**



TOGETHER FOR
BETTER VISION



Background

- The project started on August 2019 with Site Analysis
- The Project Implementation Launch was on 4th November 2020
- The Project is currently on Iteration 2

Short-term Objectives

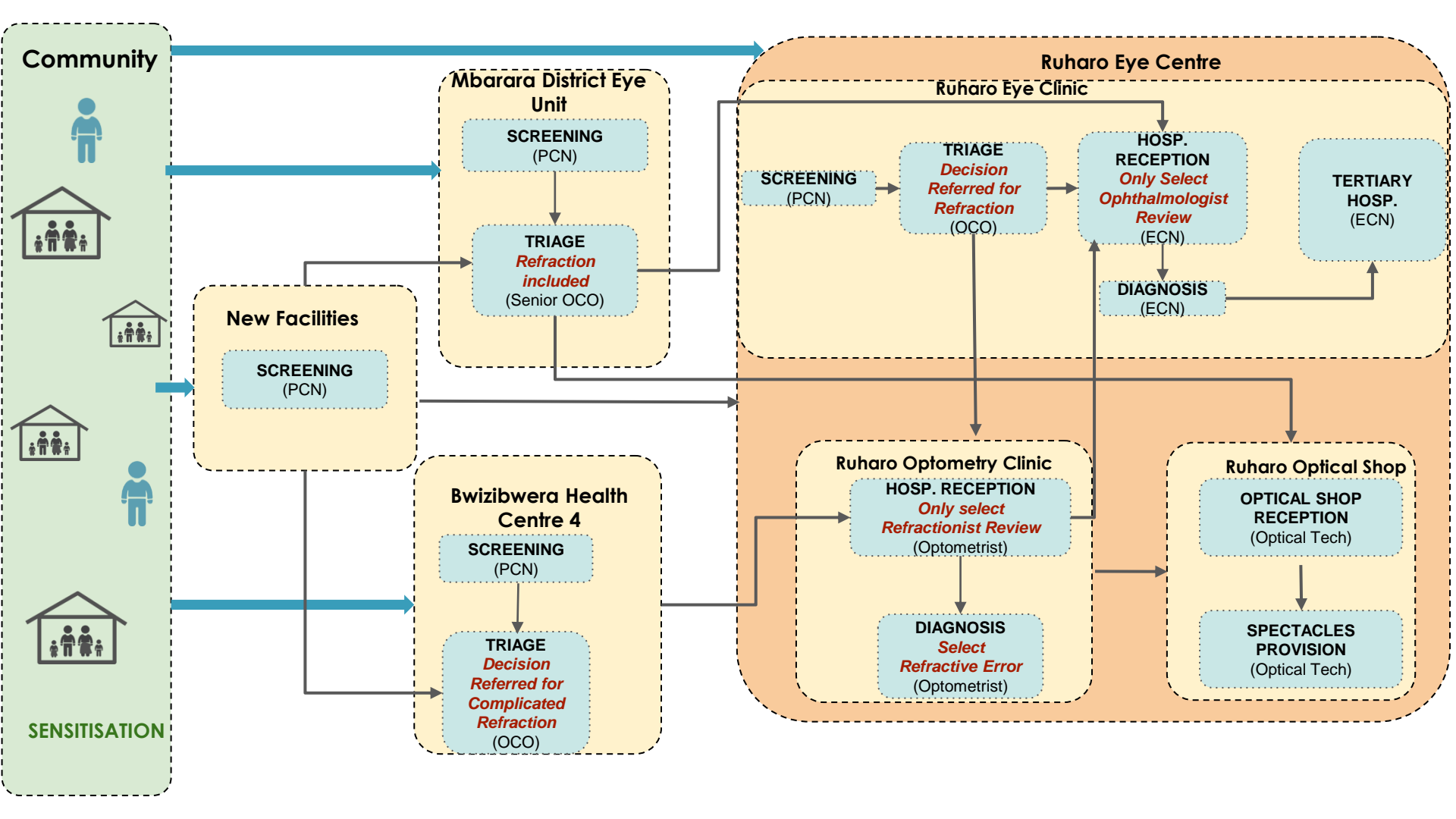
- 1. Improve the capacity** of eye care practitioners to perform consistent and more efficient eye health screening using smartphone technology.
- 2. Increase the number** of people in Mbarara that are screened for eye health conditions using smartphone technology.
- 3. Increase accessibility at both primary and tertiary health care facilities** through a well established and functional referral network system.
- 4. Provide comprehensive services at the tertiary facility** through human and equipment capacity support.
- 5. Improve data capturing, processing and utilisation in eye care department**

Long-term Objectives

1. Reduction in the prevalence of avoidable visual impairment (VI) and blindness among children and adults in the Mbarara district through provision of comprehensive quality eye health services.
2. Strengthen the technical capacity of Primary Eye Care facilities to provide basic eye health care

Team Composition

| Cadre | No of personnel | Role & responsibilities |
|--------------------------------------|------------------------|--|
| Project Coordinator/Officer | 2 | Overall coordination of the project activities |
| IT Lead | 1 | Technical support |
| Primary Care Nurse | 15 | Screening |
| Ophthalmic Clinical Officers (OCO's) | 5 | Triage |
| Optometrist | 1 | Refraction and dispensing spectacles |
| Ophthalmologist | 1 | Specialised consultation, surgery |
| Eye Care Nurse (Oas) | 3 | Hospital reception/screening |

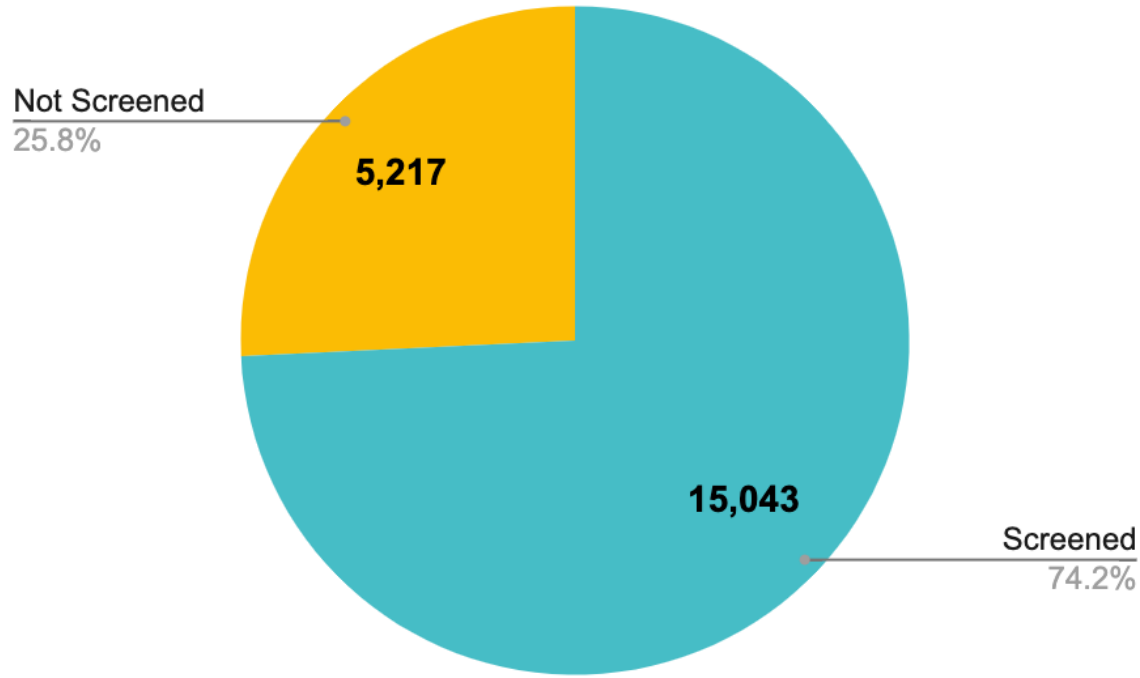


Results

Summary

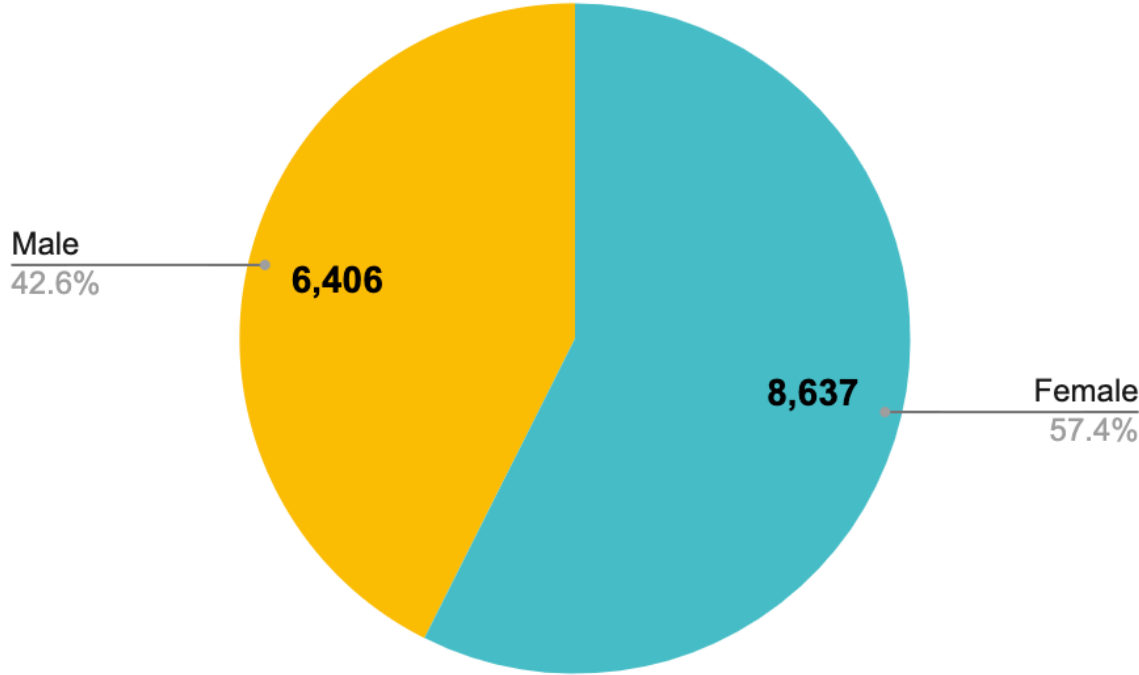
- Locations: **13**
- Total screened: **15,043/20,260 (74%)**
- Managed Locally: **1,107 (8.2%)**
- Referred to Triage: **12,361 (81.9%)**
- Attended Triage: **11,501 (83.1%)**
- Attended Refractionist Referral: **312 (49.1%)**
- Attended Ophthalmology Referral: **502 (43.1%)**
- Attended Specialist Referral: **203 (43.3%)**
- Medications Provided: **8,849 (97%)**
- Spectacles dispensed
 - Near: **134 (54.5%)**
 - Distance: **76 (30.9%)**
 - Both: **36 (14.6%)**

Screening Coverage



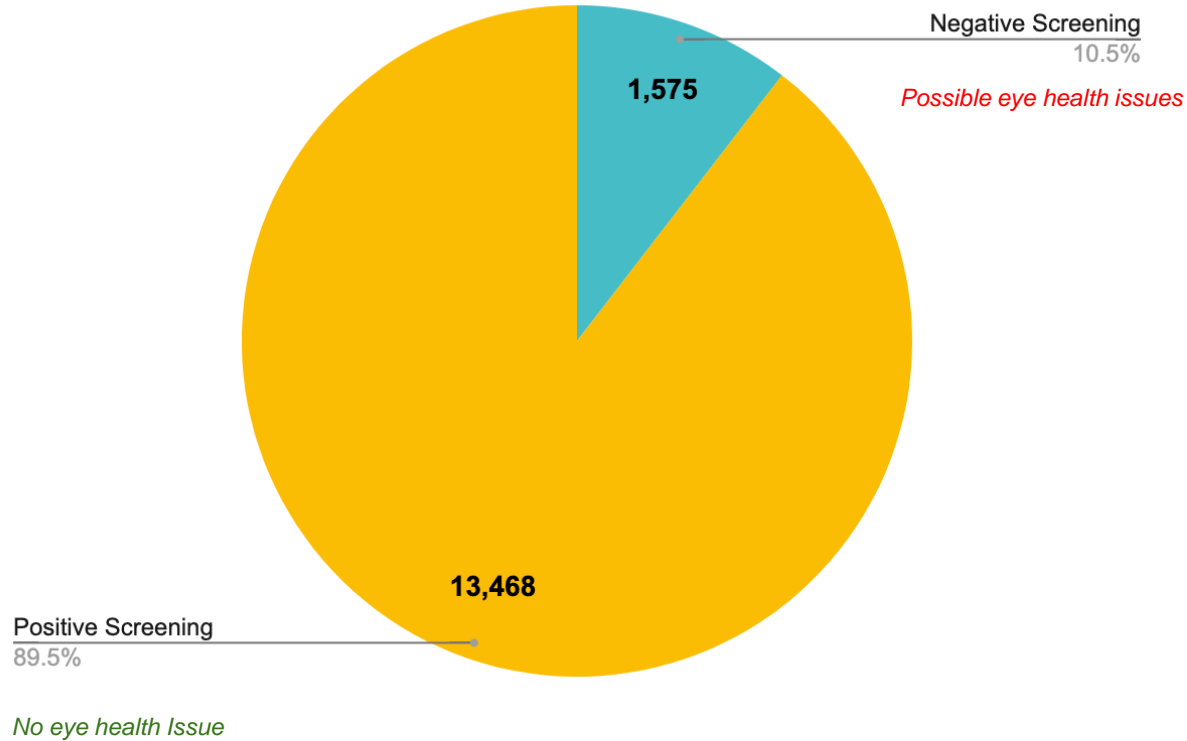
Screening coverage:
15,043/20,260 (74%)

Screened: Gender



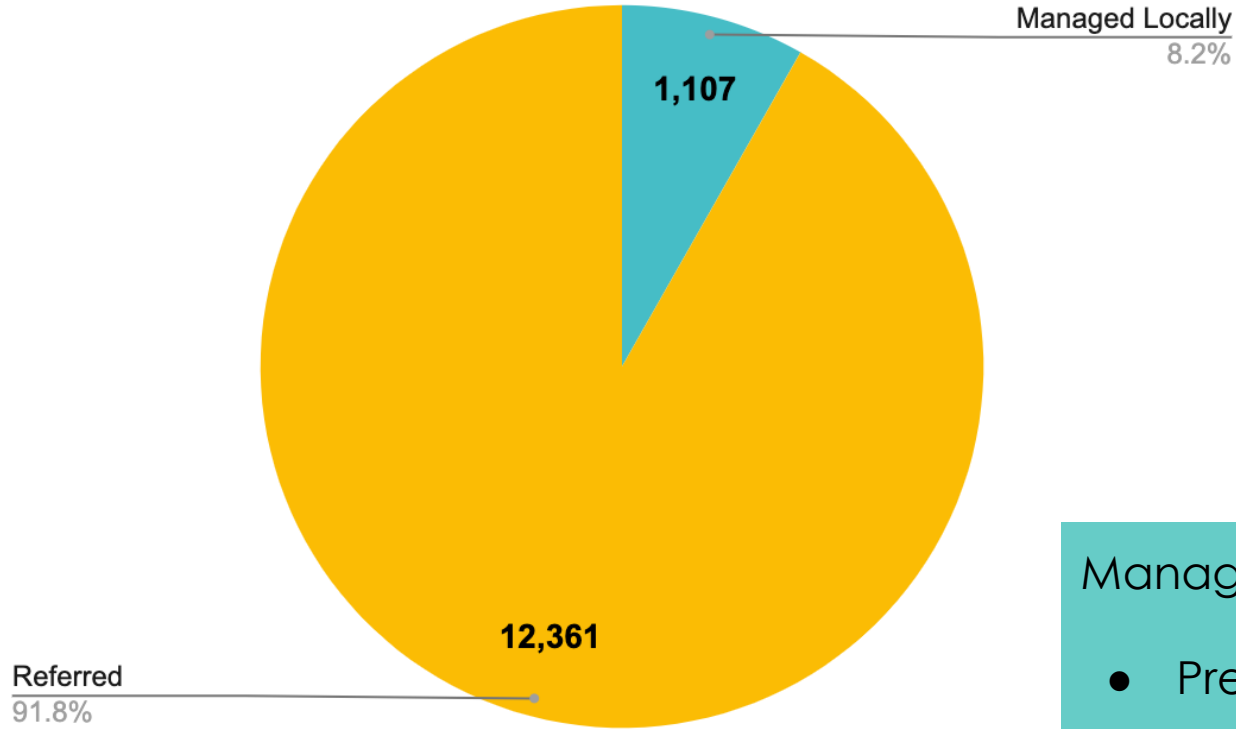
There was a good overall balance between males and females screened. Research in Uganda has shown that females have a higher health seeking behavior compared to males.

Overall Screening Outcome



89.5% of the screened individuals had a positive outcome (screened positive for a possible eye health issue)

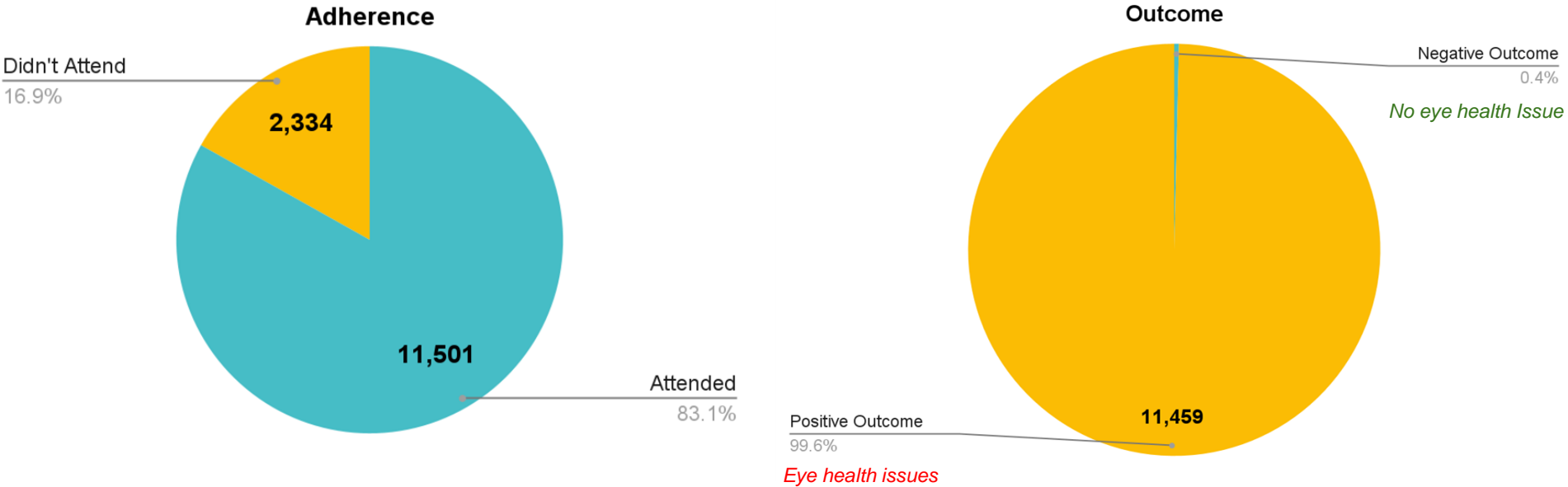
Managed Locally and Referred to Triage



Managed Locally included:

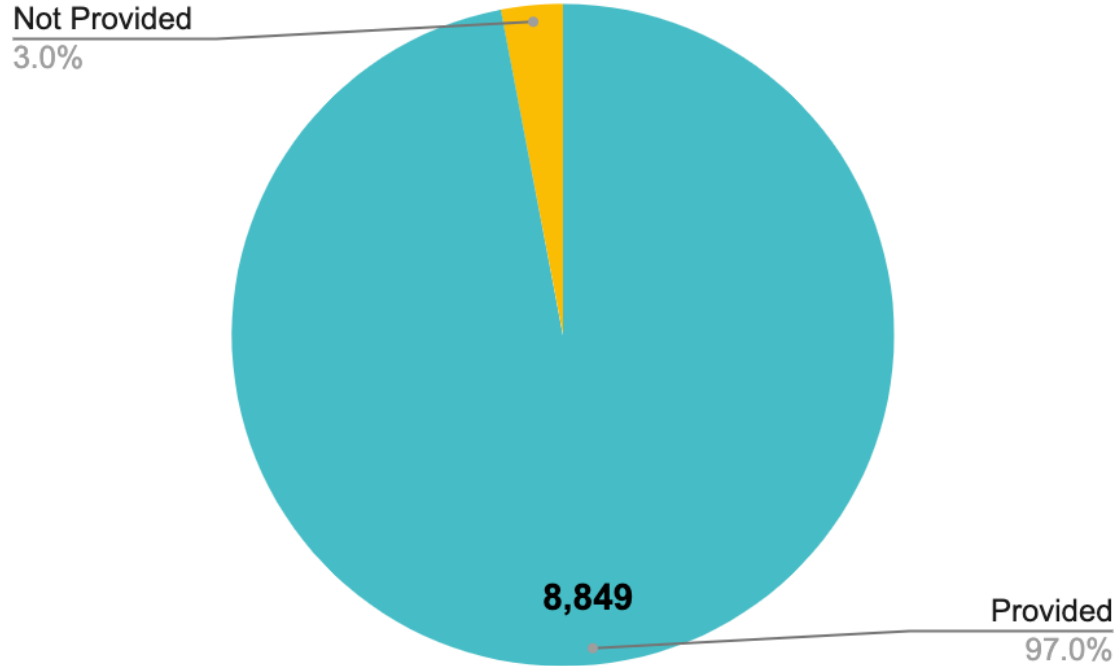
- Prescribing and dispensing medication
- Giving advice

Triage: Adherence & Outcome



- Triage attendance is at **83.1%**.
- Of those who attended triage, **99.6%** were confirmed to have an eye health problem (non-refractive and refractive)

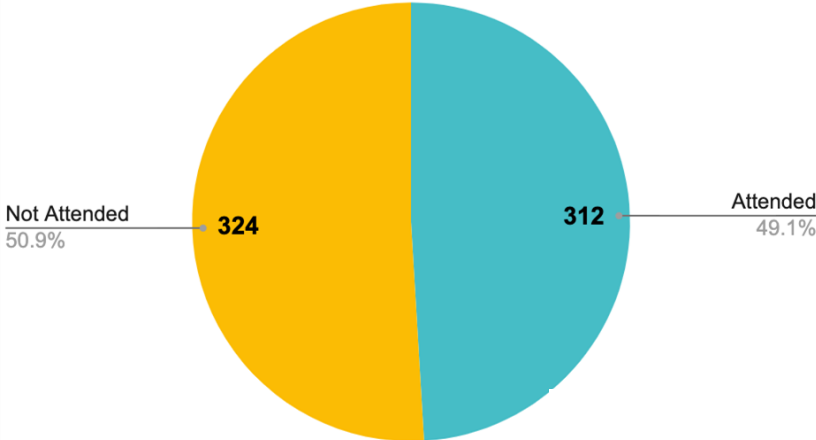
Medication Need



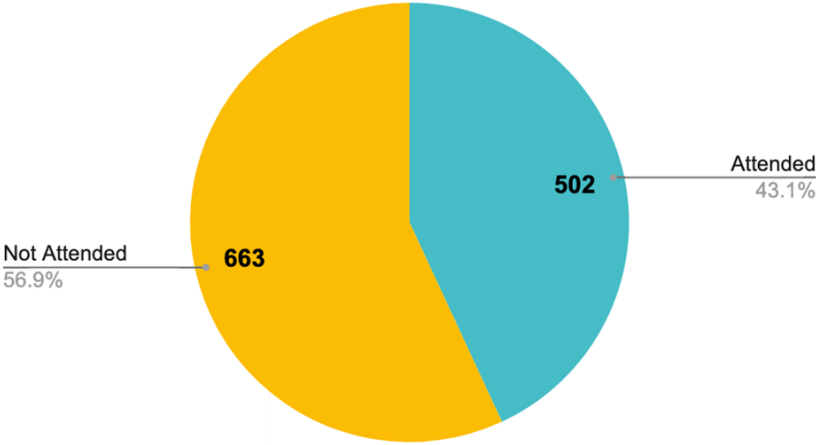
Medication prescribed at all the different level of service

Refractionist, Ophthalmologist & Specialist Referrals: Adherence

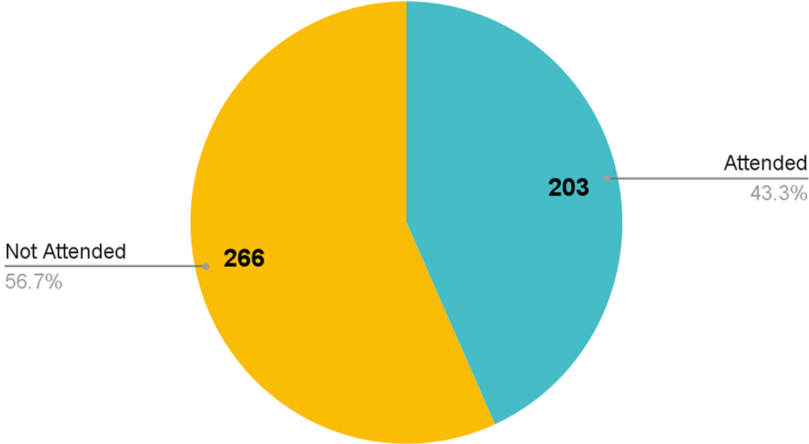
Refractionist



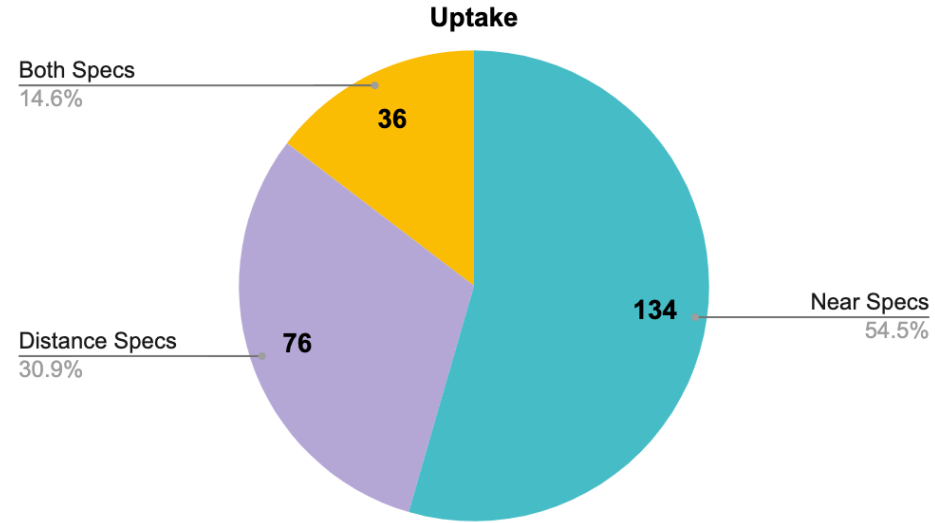
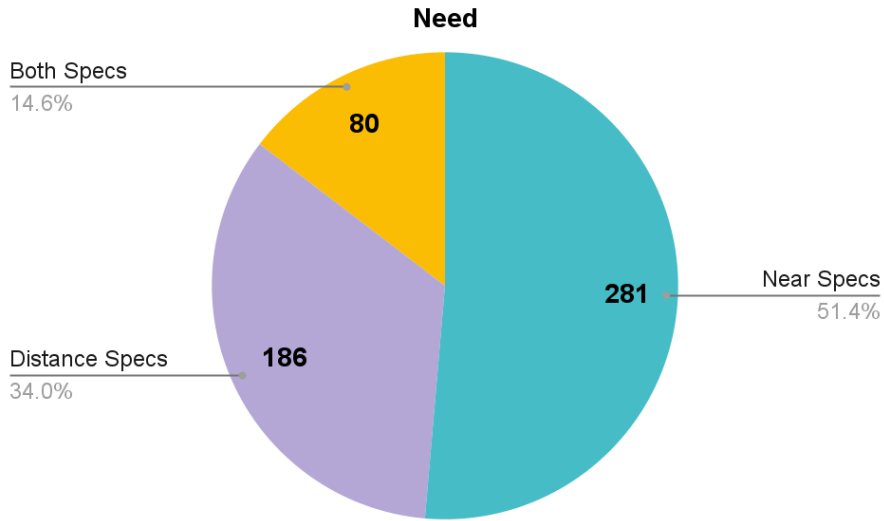
Ophthalmologist



Specialist



Spectacle:Need & Uptake



- The majority of people refracted needed Near Spectacles.
- Spectacles uptake is higher with the Near Spectacles.

THANK YOU FOR LISTENING

