

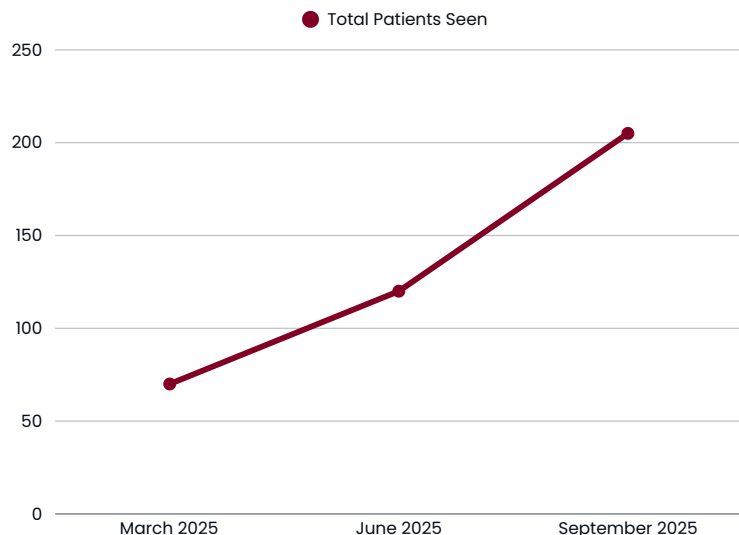
COMMUNITY OPHTHALMOLOGY & REMOTE ACCESS PROGRAMS (CORAP)

Overview

From July-September, **10 eyeVan mobile vision clinics**, including a pediatric glasses drive, and **5 Eyes On Wheels clinics** took place in Allegheny County and the surrounding counties, serving **239 total patients**. CORAP celebrated one year of operations with an annual review presented at the Eye & Ear Foundation's Community Outreach Committee Summit.

By continuing to expand partnerships throughout Q3, CORAP met their goal number of unique mobile clinic sites, now expecting to schedule 2026 clinic placeholders at ~40 locations. CORAP further developed eyeVan clinic protocols and produced a Partnership Guide for stakeholders.

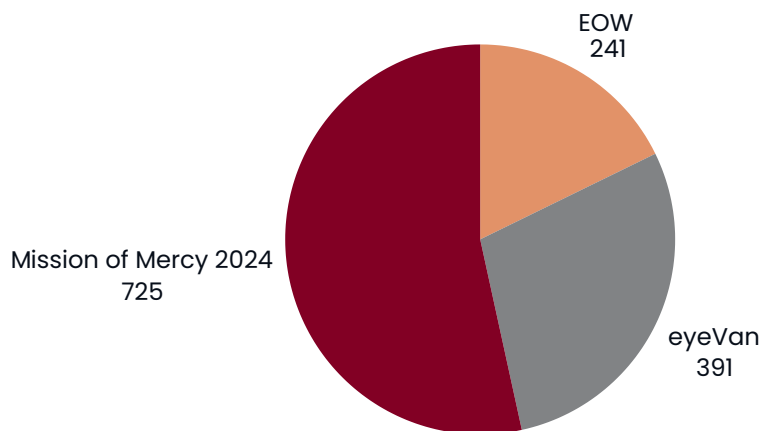
UPMC eyeVan Patient Volume Q1 2025-Q3 2025



So far in 2025, the number of patients served at eyeVan mobile vision clinic events has grown each quarter, as has the number of partnerships. CORAP expects partnership numbers to plateau in 2026 as partnership criteria are refined and further large-scale clinic models are explored, such as the UPMC Vision Institute Community Vision Day scheduled for December 6, 2025.

In Q3, CORAP also made significant progress in submitting research deliverables to relevant journals and earning an award for a student research project based on social determinants data from Mission of Mercy 2024. The Diabetic Retinopathy screening project also gained momentum compared to Q1-Q2 2025.

Annual Review: CORAP Total Patients Served September 2024-September 2025



Washington High School Glasses Drive

On September 3, 2025, CORAP partnered with UPMC Optometry and volunteers from the Vision Services of Washington Greene Counties (VSWG) to facilitate visual acuity screenings and glasses selection for students at Washington High School, where 60% of the student body failed their initial vision screenings.

122 children were seen using 5 refraction lanes, some of which consisted of Snellen charts taped to various surfaces to expand patient volume. **102 pairs of glasses were ordered for WHS students.**

CORAP glasses drives at WHS will occur annually in the Fall. The next event is scheduled for Friday, October 2, 2026. Special thanks to Dr. Ellen Butts and her Optometry team for quickly generating accurate prescriptions for dozens of students, to Changing Lives Through Lenses for providing free glasses, and to the volunteers from the VSWG who helped with patient flow and glasses orders.



COMMUNITY OPHTHALMOLOGY & REMOTE ACCESS PROGRAMS (CORAP)

Remote Access Project Updates

UPMC Mobile Vision Clinics: Eye Care for Older Adults & Underserved Communities

UPMC VI eyeVan: A Staff-Driven Program

The UPMC eyeVan is the flagship initiative of CORAP’s mobile vision program, bringing comprehensive vision clinics to senior living facilities and other non-traditional sites during office hours. CORAP’s ability to facilitate staff-driven eyeVan events during regular clinic hours expanded access to care beyond traditional settings to 15 locations in Q3 2025 including a large scale glasses drive at Washington High School.

eyeVan Patient Metrics & Referrals

At eyeVan clinics in July-September, **113 women and 92 men received care; their average age was 55 years old.** 205 patients total were seen at eyeVan mobile vision clinics in Q3; ~23% of those patients were reportedly new to UPMC Ophthalmology, implying that the eyeVan initiative can augment patient metrics for the department. Billing protocols for several eyeVan partner sites were outlined in Q3. Further, ~31% of the 32 adult patients that received annual or specialist referrals have expected imaging and surgical outcomes.

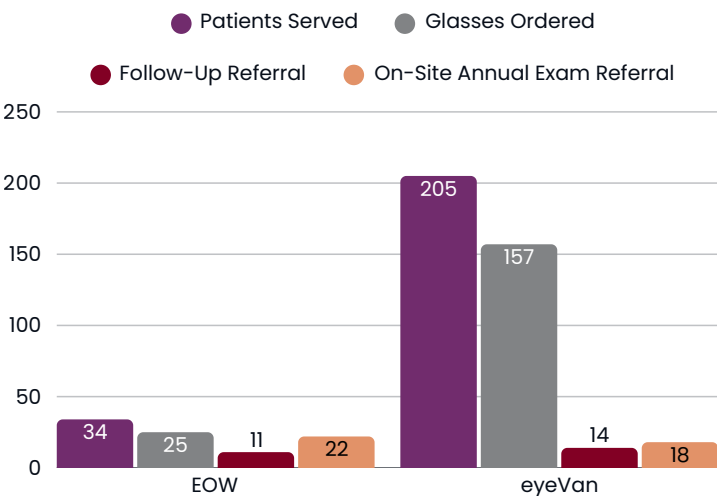
Areas of Improvement

Because ambiguous insurance protocols surrounding the UPMC Mobile Frame Kit exemplified the broader challenge of balancing institutional capabilities with desired remote access outcomes, CORAP began dispensing donated frames to insured patients that can be updated with their prescription at any optical retailer.

Due to lack of patient engagement at several assisted living facilities in August 2025, CORAP also experienced its first cancellations of eyeVan mobile vision clinics. To mitigate future cancellations, CORAP developed rigid patient scheduling and engagement protocols for partner locations and disseminated them via the finalized eyeVan Partner Guide.

Regarding scheduling, CORAP continued to explore eyeVan partnerships with the Housing Authority of Allegheny County and Primary Care Health Services for 2026 as well as expanding services to additional locations offered by organizational partners like UPMC Family Care Connections.

Mobile Clinic Metrics: Q3 2025



PittMed Eyes On Wheels: A Student-Driven Program

Eyes On Wheels (EOW) is a student-led initiative that provides comprehensive vision clinics at Federally Qualified Health Centers across the Pittsburgh region at least twice a month during evenings and weekends, with essential support from volunteer staff.

EOW Patient Metrics & Referrals

At EOW clinics in July-September, **23 women and 11 men received care.** Their average age was 49 years old. The majority of patients who attend Eyes On Wheels events are uninsured due to their citizenship and/or low-income status. A third of the patients referred for follow-up in Q3 are expected to visit the UPMC Vision Institute for specialist care.

Upcoming Large Scale Clinic Events

Mission of Mercy 2025: October 24-25, 2025

Free dental, vision and hearing services offered at the David L. Lawrence Convention Center from 7AM-5PM

UPMC Community Vision Day: December 6, 2025

Free vision services offered on the ground floor of the UPMC Vision Institute from 10AM-3PM. Uninsured patients referred from Mission of Mercy will be scheduled for specialist exams at Community Vision Day from 8AM-10AM.

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eyeVan Case Studies & Testimonials

CORAP focused on better utilizing the in-van exam space in Q3, hosting their second glasses drive at Penn State - Greater Allegheny Campus and partnering with the Penn State - Beaver campus for similar clinics in 2026. Students and passerby were grateful for services, with one patient lingering for nearly an hour after her appointment to learn more about her developing cataracts and their treatment.

Cataracts were an unfortunate trend for eyeVan patients in Q3; Patient W is a prime example. Referred from an eyeVan event in early June, Patient W attended his follow-up at the Vision Institute in September and was confirmed as needing cataract surgery in both eyes. Surgery is scheduled and expected to significantly improve patient W's vision. New to UPMC Ophthalmology, Patient W did not regularly visit the eye doctor prior to June, 2025.



UPMC eyeVan set up in an auxiliary parking lot of the Penn State - Greater Allegheny Campus to facilitate eye exams and dispense eyeglasses to underserved students, faculty and campus visitors.

Research Deliverables

CORAP medical student researcher James Whitely, alongside his mentors Dr. Valeria Villabona-Martinez and Zeila Hobson, was the 3rd Place Recipient of the Dr. Jeanette South-Paul Social Determinants of Health Enrichment Award for his submission, "Why Patients Don't Show Up: Comorbidities & Follow Up at a Free Eye Clinic" presented at the 2025 DSRP/SDoH Research Symposium at Scaife Hall.

Research papers were also submitted for publication to a special issue of the *Medicina* journal centering mobile units and social determinants of health:

- *Through the Lens of Complexity: A Narrative Review of Systemic Barriers in Eye Care*
- *"Eyes on Wheels: Closing the Eye Care Gap with Mobile Units."*

Additional deliverables (centering the implementation of eyeVan mobile vision clinics) were further developed for submission in Q4:

- *A Real-World Model for Mobile Eye Care Delivery: Development, Implementation, and Sustainability of the EyeVan Program*
- *Improving Engagement in Community-Based Diabetic Retinopathy Screening Programs: Strategies and Implementation Outcomes*



EOW Student Leader James Whitely & CORAP Program Manager Zeila Hobson pose with their research awards.

COMMUNITY OPHTHALMOLOGY & REMOTE ACCESS PROGRAMS (CORAP)

Remote Access Project Updates

Remote Screening: Early Detection of Eye Disease

CORAP aims to close the CMS-identified care gap (50%+) in diabetic eye screening by integrating remote imaging into primary care offices, enabling early detection and treatment of asymptomatic diabetic retinopathy before vision loss occurs. Currently, 40+ screening cameras are deployed in primary care and endocrine offices in and outside the UPMC network. These sites generate images, then securely transfer them to remote ophthalmologists who expertly interpret them within 48 hours. This workflow reduces unnecessary in-person exams, decreasing the burden on patients without retinopathy and freeing specialists to focus on patients in need of treatment.

Progress

Comprehensive qualitative interviews of partner site stakeholders continued, with initial stakeholder discussions providing early insights into workflow strengths and barriers. Using stakeholder feedback to guide development, training videos regarding image capture and troubleshooting were created and shared.

Reallocation plans for the retina cameras collected during the preliminary audit of all 40+ locations were solidified, with the Turtle Creek allocation scheduled in addition to the confirmation and scheduling of device installation at UPMC Brentwood for Q4. Most excitingly, installation of a retina camera at UPMC Western Maryland in October will officially expand the program across state lines!

The monthly performance reports launched last quarter began to have noticeable impact on image output in Q3, indicating that highlighting top-performing and most-improved sites encourages other sites to better utilize their cameras. Studying patient targeting practices at high-performing sites also led to the development of a generalizable protocol for scheduling imaging for diabetic patients scheduled for annual exams at their PCPs.

Quarterly Events

CORAP has partnered with East Liberty Family Care Center to augment patient volume at the site's quarterly diabetic retinopathy screening events. Staff are also piloting DRS engagement with UPMC sponsored health fairs in Q3-Q4 to determine whether the team should prioritize health fair presence in 2026 or not.

What's Next?

- Complete qualitative data collection to inform the comprehensive report.
- Begin collaboration with a University of Pittsburgh graduate student to develop research protocols and track patient impact/outcomes.

Optain Resolve Tabletop Retina Camera Device Trial: Phase 1

Trials of the Optain Resolve Tabletop Retina Camera, initially stymied by device approval workflows, became a concrete reality as UPMC Enterprise, IT and CORAP collaborated with Optain stakeholders to develop a two-phase trial for implementation at the UPMC Vision Institute Urgent Eye Care Center (UECC) and Comprehensive Eye Service (CES) this Fall.

Phase 1 is expected to launch in November with the goal of assessing the usability and image quality of the retina camera. Phase 2 is expected to launch in 2026 to assess Optain's backend capabilities and network integrations in addition to the usability of the device.



Q3 REPORT 2025

COMMUNITY OPHTHALMOLOGY & REMOTE ACCESS PROGRAMS (CORAP)

Thank you to all our partners, sponsors, volunteers and staff!

eyeVan Partner Organizations & Sites

New partner sites are emboldened.

Alliance Health Fair

Alliance Center Church: 250 East Ohio Street, Pitt, PA 15212

Penn State University Campuses

- Greater Allegheny: 4000 University Drive, McKeesport, PA 15132
- Beaver Campus: 100 University Drive, Monaca, PA 15061

Vintage Senior Center

421 N Highland Ave, Pitt, PA 15206

Homewood House

7130 Frankstown Avenue Pitt, PA 15208

Presbyterian SeniorCare

- Fairmont Apartments: 5461 Penn Ave, Pitt, PA 15206
- Silver Lake Commons: 6935 Frankstown Ave, Pitt, PA 15208
- Longwood at Oakmont
- Forward Shady Apartments

Hilltop Family Care Connection

1630 Arlington Avenue PGH PA 15210

Casa San Jose: REDACTED

Islamic Center of Pitt,:

Brandywine Property Management

- Port Vue: 1810 Myer Ave McKeesport PA 15133
- Shady Park Place: 415 Lobinger Ave, North Braddock, PA 15104
- Harriet Tubman Terrace: 550 Negley Run Boulevard Pitt, PA

Primary Care Health Services

- Alma Illery Health Center: 7227 Hamilton Ave, Pitt, PA 15208
- **West End Health Center: 415 Neptune Street Pitt, PA 15220**

Homewood Healthy Active Living Center

7321 Frankstown Ave, Pitt, PA 15208

Abiding Missions

731 Excelsior St, Pitt, PA 15210

Roots of Faith

800 Main St, Sharpsburg, PA 15215

Light of Life Rescue Mission

234 Voeghtly St, Pitt, PA 15212

Sheep Inc Health Center

11817 Frankstown Rd, Penn Hills Township, PA 15235

Macedonia FACE

- K. Leroy Irvis Towers: 715 Mercer Street, Pitt, PA 15219
- Thelma Lovette YMCA: 2114 Centre Avenue, Pitt, PA 15219
- Bellefield Dwellings: 4400 Centre Ave, Pitt, PA 15213

HACP

- Bedford Dwellings Envision Center: TBD

Neighborhood Resilience Project

- NRP Headquarters: 2038 Bedford Ave, Pitt, PA 15219
- Dorothy Davis Learning Center: 1410 Marion Cir, Clairton, PA 15025

SRHS Community Engagement Centers

- Homewood Wellness Pavilion: 622 N. Homewood Ave., Pitt, PA 15208
- Hill District CEC: TBD

Steel City Squash (Peds) (SCS)

624 Larimer Ave, Pitt, PA 15206

Vision Services of Washington-Greene Counties (VSWG)

566 E Maiden St, Washington, PA 15301

Hosanna House

807 Wallace Avenue, Wilkinsburg, PA 15221

Bethany Christian Ministries Location(s)

- Bethany Center: 7745 Tioga Street Pitt, PA 15208
- Bennett Plaza: 7245 Bennett Street Pitt, PA 15208
- Homewood Station: 7202 Susquehanna Street Pitt, PA 15208

Penn Rose Assisted Living

- North Highlands 1: 100 Felicity Drive, Pitt, PA 15237
- North Highlands 2: 110 McIntyre Road, Pitt, PA 15237
- Chris. Smith Terrace: 2829 Bedford Avenue, Pitt, PA 15219
- Allegheny Apartments: 401 W. Commons, Pitt, PA 15212

Washington High School

201 Allison Ave, Washington, PA 15301

North Side Christian Health Center

525 Mount Pleasant Rd, Pitt, PA 15214

CORAP Sponsors

- Eye & Ear Foundation
- Jewish Healthcare Foundation
- Henry L. Hillman Foundation
- Nancy Washington
- PA Medical Society

Q3 REPORT 2025

COMMUNITY OPHTHALMOLOGY & REMOTE ACCESS PROGRAMS (CORAP)

Thank you to all our partners, sponsors, volunteers and staff!

Eyes On Wheels Partner Sites

2nd Avenue Commons
700 2nd Ave. Pitt, PA 15219

Alma Illery Medical Center
7227 Hamilton Avenue, Pitt, PA 15208

Birmingham Clinic
1515 Locust St., Suite 705 Pitt, PA 15219

Braddock Family Health Center
404 Braddock Ave, Pitt, PA 15104

East End Community Center
117 N Negley, Pitt, PA 15206

McKeesport 9th Street Clinic
410 Ninth Street, McKeesport, PA 15132

Sheep Inc Health Center
11817 Frankstown Road, Penn Hills, PA 15235

Squirrel Hill Health Center
4516 Browns Hill Rd, Pitt, PA 15217

East Liberty Family Healthcare Center
6023 Harvard St, Pitt, PA 15206

Allies for Health & Wellbeing
5913 Penn Ave 2nd Floor, Pitt, PA 15206

Midland Health Center
754 Ohio Ave, Midland, PA 15059

CORAP Sponsors

Eye & Ear Foundation - Jewish Healthcare Foundation - Henry L. Hillman Foundation - Nancy Washington - PA Medical Society - Brother's Brother Foundation - EssilorLuxottica Changing Life Through Lenses

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