



The new invisible hearing solution

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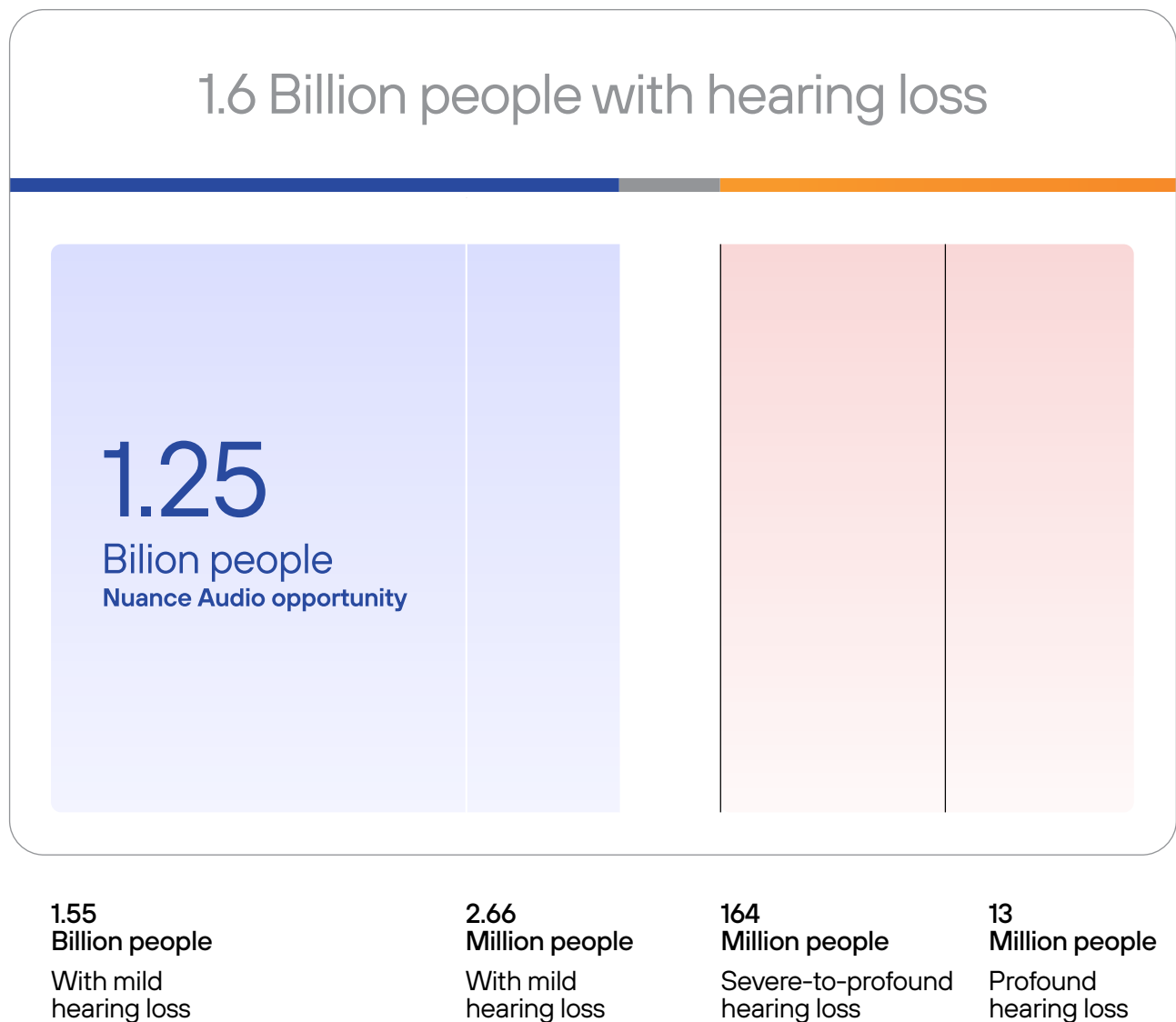
Nuance Audio

Invisible. Comfortable. Simple.

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THE CONTEXT

Breaking down the market
and core target for
Nuance Audio Glasses.



Source: Global Burden of Disease Study (GBD; Haile et. al.,2024)

Key barriers for hearing aid adoption

Stigma

Comfort

Price

Performance

Key barriers to hearing aid adoption include the acceptance of hearing loss, access to hearing care professionals, the stigma of using a hearing device, physical comfort, price, and accessibility.

THE SOLUTION

All-in-one hearing glasses that help you hear better, comfortably.

The new invisible open-ear OTC hearing solution for perceived mild to moderate hearing loss.



**Beam Forming
microphones**

**Stigma-Free discreet
open-ear design**

Nuance Audio blends sound engineering and world-class smart eyewear design for a stylish, high-tech solution engineered to transform lives with a stigma-free hearing solution which enables improved hearing and listening in noise and challenging environments like restaurants, cocktail parties and family gatherings.

USER EXPERIENCE

Nuance Audio App: The essential companion

Scan the QR code to download
the Nuance Audio App and activate your glasses.

[Download for iOS](#)[Download for Android](#)

Personalize your experience with the Nuance Audio App.
Through the app users can:

Manage noise reduction level

Switch between listening modes: Frontal
(i.e., beamforming) vs All-Around (i.e., omni).

Choose the listening options which you prefer
to facilitate a comfortable listening experience.



SCIENTIFIC EVIDENCE

Clinical Evaluation of the Nuance Audio Glasses in Adults with Mild to Moderate Hearing Difficulties

A peer-reviewed study conducted by the National Acoustic Laboratories, Sydney, Australia.

Principal investigators:

Bettina Turnbull AuD, Jorge Mejia PhD

Participants:

20 adults with self-perceived listening difficulties and mild to moderate hearing loss

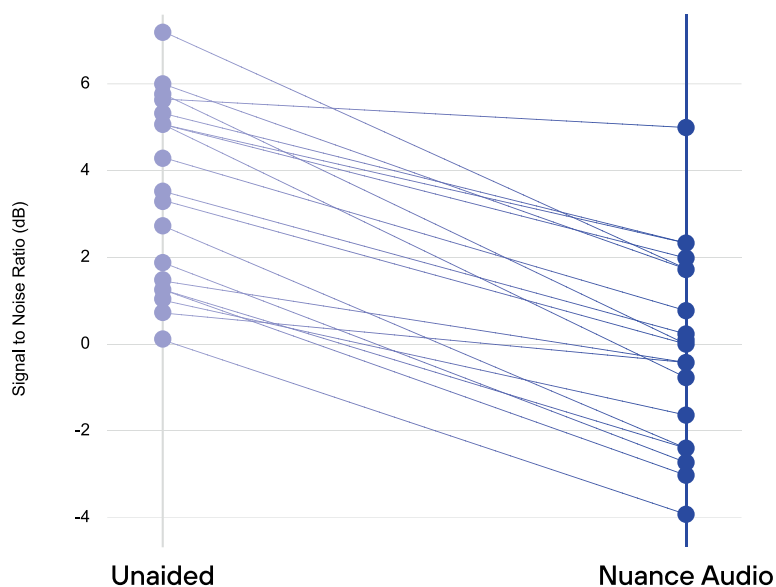
Assessments included:

- Speech in noise test (BKB SNR50)
 - Listening preferences in lab and real-world
 - Self-report questionnaires and user preferences
-

Enhanced speech-in-noise understanding

Nuance Audio Glasses significantly improve speech clarity in noisy environments.

SNR-50 Speech-in-noise performance.
Signal-to-noise ratio corresponding
with 50% word recognition.



SNR-50 improvement

3.48dB

20 participants with perceived mild to moderate hearing loss. BKB sentences in diffuse noise (4 speakers). Significantly improved performance in aided versus unaided condition ($p < 0.005$).

Improved ability to hear and communicate

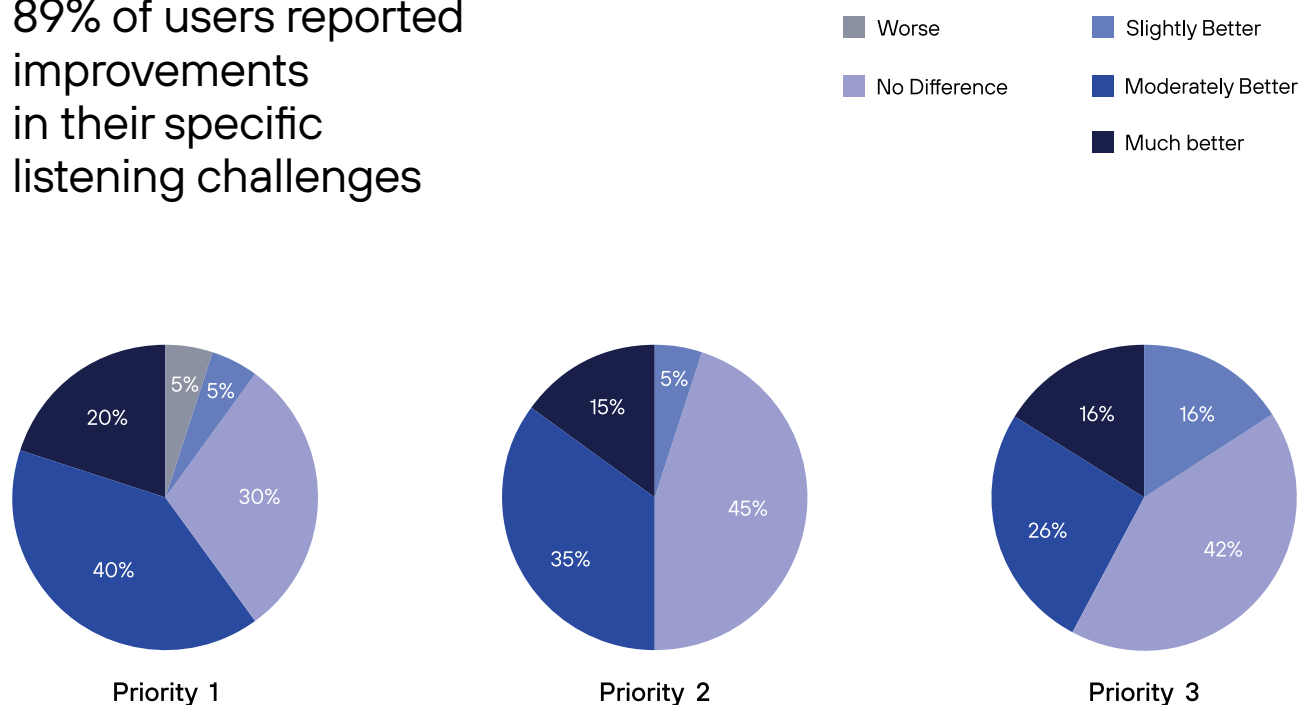
70% of participants reported positive change in communication ability, with the greatest perceived improvements observed in challenging social environments



Based on a modified, scene-anchored IOI-HA completed after a supervised 3-hour real-world walk with the Nuance Audio™ Glasses.

Nuance is a hearing solution designed to deliver clearer speech sounds in the moments that matter most.

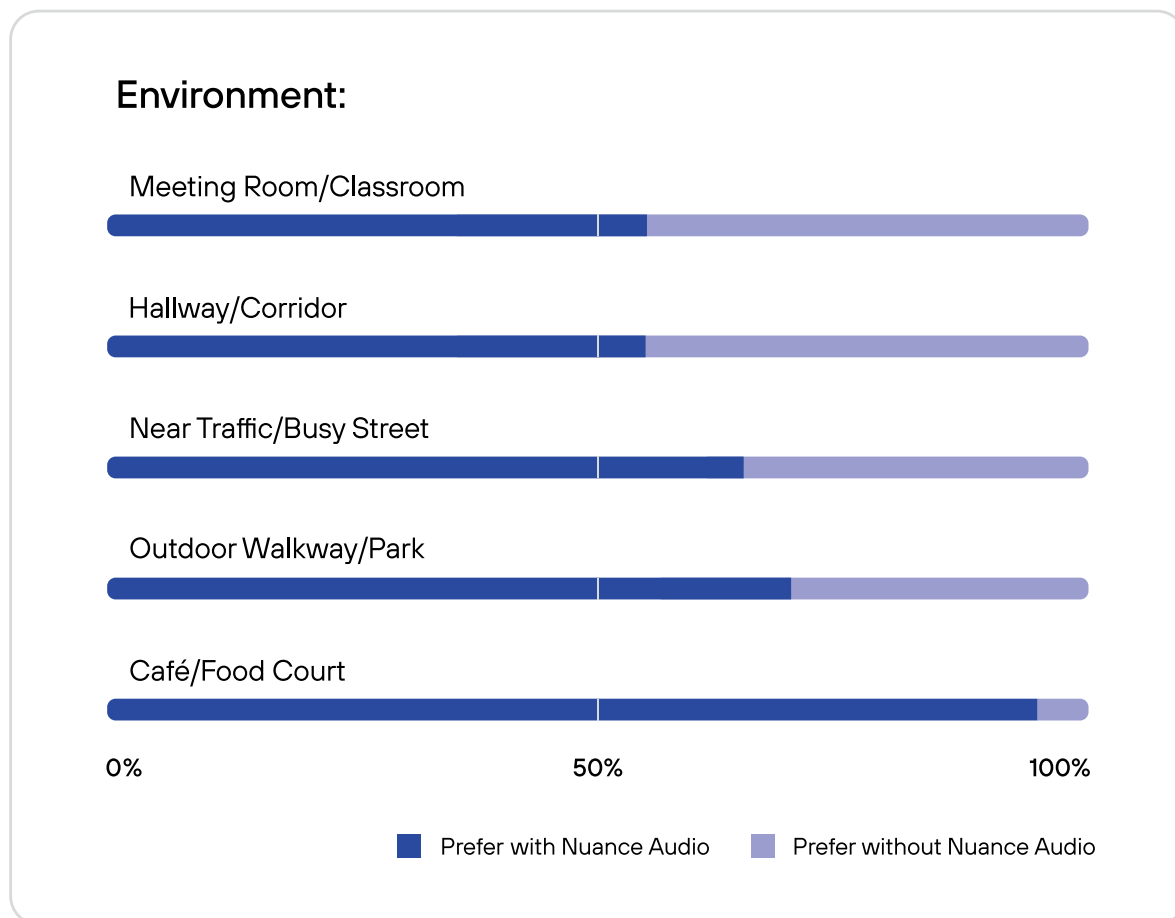
89% of users reported improvements in their specific listening challenges



Based on the modified COSI with participants selecting and prioritizing their listening goals and later rating improvement after ~3 hours of supervised real-world device use.

Overall preference for using Nuance Audio Glasses in real-world multi talker environment

95% of users preferred Nuance Audio Glasses over no product when listening to a live voice in a busy café.



Based on EMA responses collected during a supervised real-world walk, comparing aided vs. unaided listening when attending to a live talker in a café.

Performance measures of Nuance Audio Glasses: Behavioral outcomes and real ear measures

A clinical study conducted by Western University,
Ontario, Canada.
(publication date TBD)

Principal investigators:

Dr. Paula Folkeard, Dr. Susan Scollie

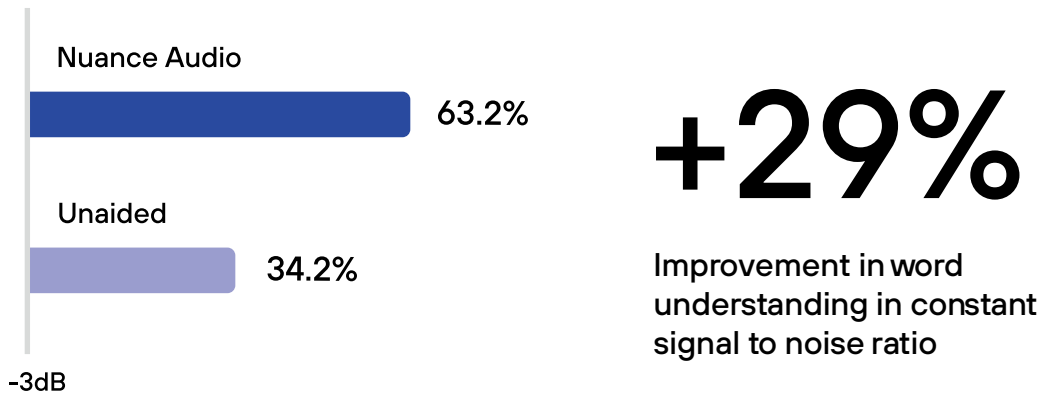
Participants:

21 adults with mild to moderate
sensorineural hearing loss

Assessments included:

- Speech in noise intelligibility,
Connected Speech Test (at 0 and -3dB SNR)
 - Subjective listening effort ratings
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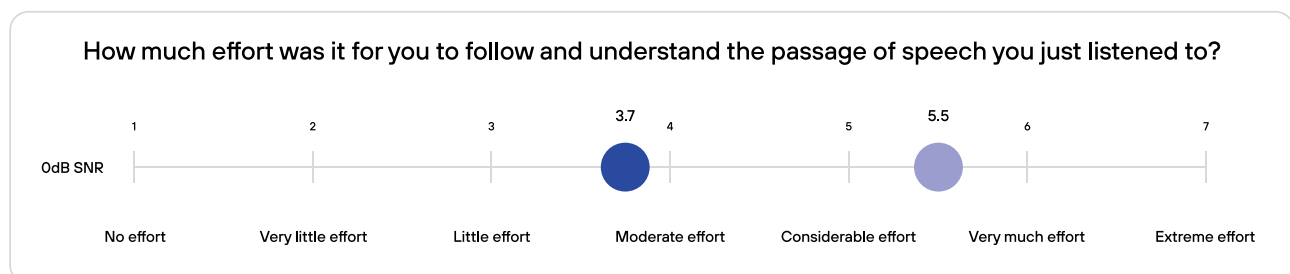
Improved speech in noise intelligibility



Significantly better scores compared to unaided condition [$t(80) = -4.05, p < .001$], in the CST in multi-talker babble noise in SBR -3dB.

Reduced listening effort

32% less listening effort while listening to speech in noise



Significant reduction in listening effort compared to the unaided condition [$z = -3.84, p < .001$] based on the listening-effort rating scale (Johnson et al., 2015) and measured after each CST passage in multi-talker babble noise (SNR 0)

Audiological validation of Nuance Audio Glasses

User study was conducted to evaluate
the efficacy of Nuance Audio
Glasses in real life.

Principal investigators:

Tami Harel- Arbeli

Participants:

23 Adults with self-perceived
mild-to-moderate hearing loss

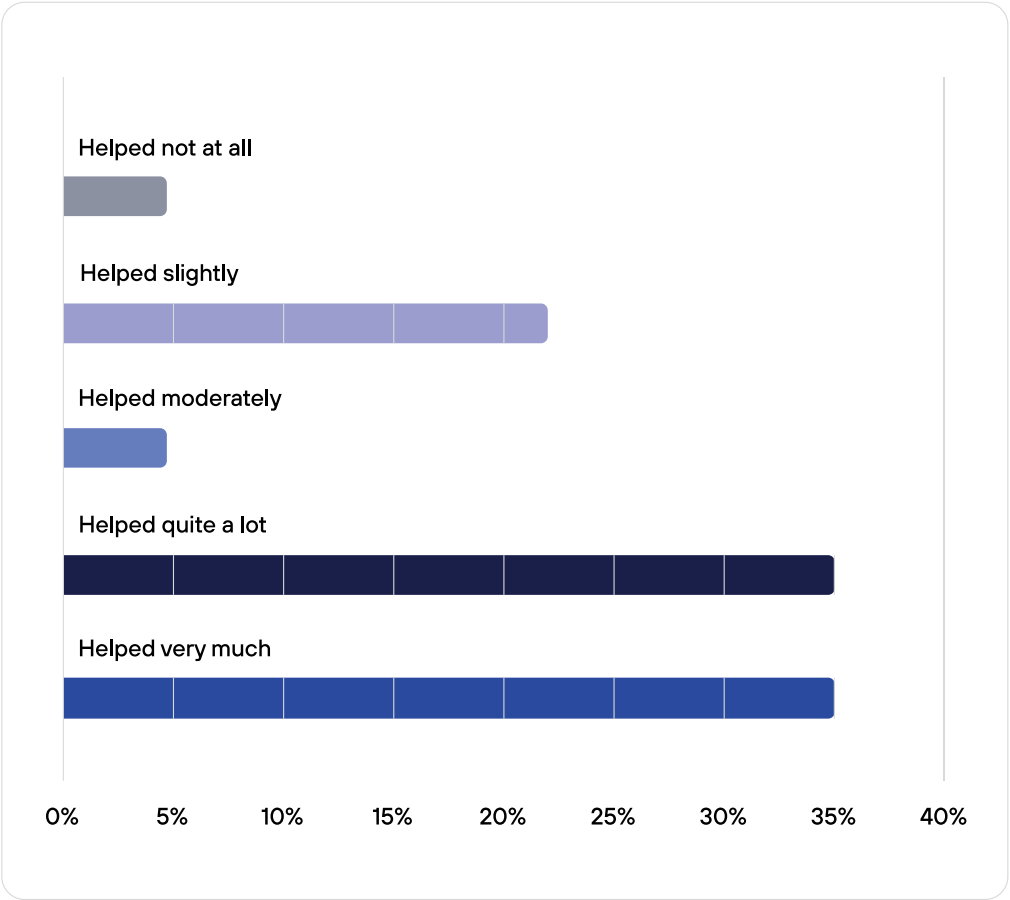
Assessments included:

- International Outcome Inventory for
Hearing Aids (IOI-HA) after 14 days
of using the Nuance Audio Glasses
-

Improved everyday interactions

Nuance Audio Glasses enhance daily communication by improving speech comprehension, leading to greater overall life satisfaction.

Question 2 - Benefit



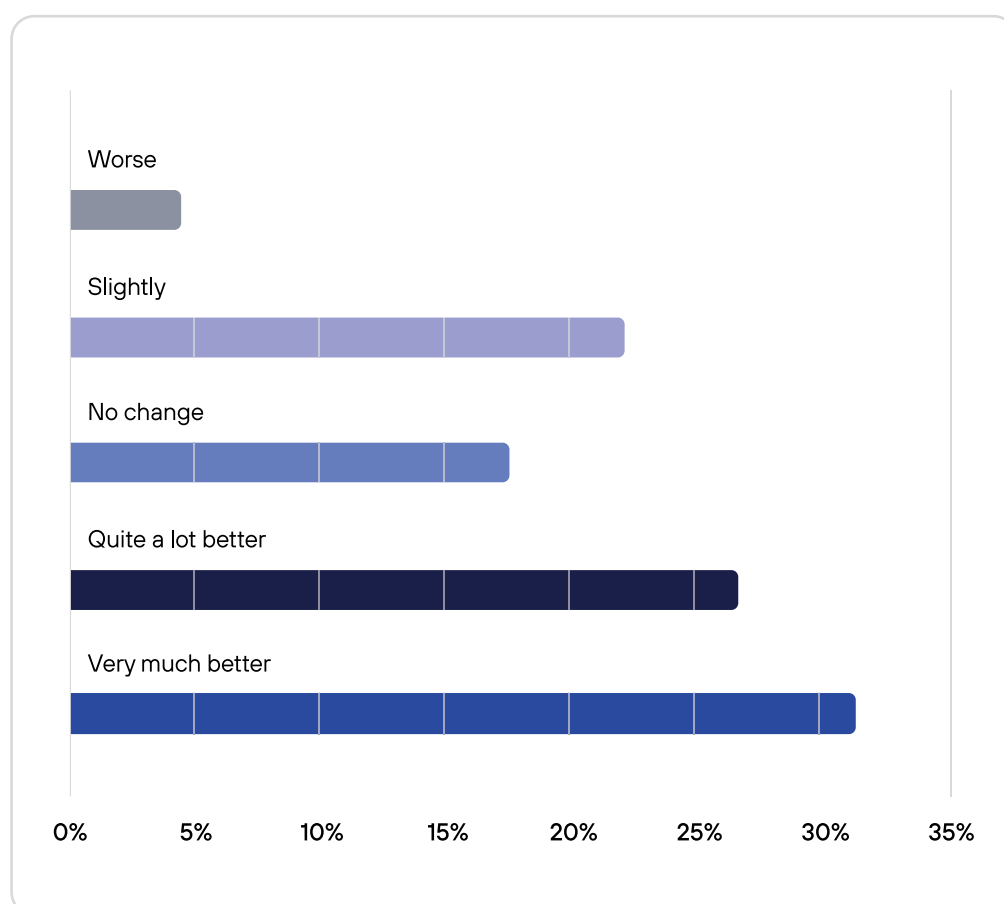
EssilorLuxottica data on file 2024. Audiological user research on Nuance Audio Glasses. 23 target users, International Outcome Inventory – hearing aids. Responses gathered after 2 weeks experience with Nuance Audio Glasses. Results similar to the norms of prescription hearing aids.

Enhanced quality of life

Enhancing users' quality of life, making everyday experiences more enjoyable and accessible.

Question 7 - Quality of life

Considering everything, how much has your present hearing aid (s) changed your enjoyment of life?



REFERENCES

- Folkeard et al., In-lab Evaluation of Nuance Audio™ Glasses for Mild to Moderate Hearing Loss, Western National Centre for Audiology. EssilorLuxottica Data on file 2025.
- Franks, I., & Timmer, B. H. B. (2024). Reasons for the non-use of hearing aids: perspectives of non-users, past users, and family members. *International Journal of Audiology*, 63(10), 794–801.
- Harel-Arbeli T, Beck DL. An Over-The-Counter (OTC) hearing aid option for people with self-perceived mild-to-moderate hearing loss: Nuance Audio™ Hearing Aid Glasses. *J Otolaryngol ENT Res*. 2025;17(1):15–20. DOI: 10.15406/joentr.2025.17.00558

Scan the QR code to read the article



- Turnbull B, Meija J, Hou S, et al. Clinical performance of nuance audio glasses on adults with perceived mild to moderate hearing difficulties. *J Otolaryngol ENT Res*. 2026;18(1):58. DOI: 10.15406/joentr.2026.18.00577

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