

# The National BCHI Registry

*Supported by Oticon Medical & Cochlear Europe*



The Ear Foundation BCHI Registry team

[www.earfoundation.org.uk](http://www.earfoundation.org.uk)  
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The Ear Foundation®

# Aims of the Registry

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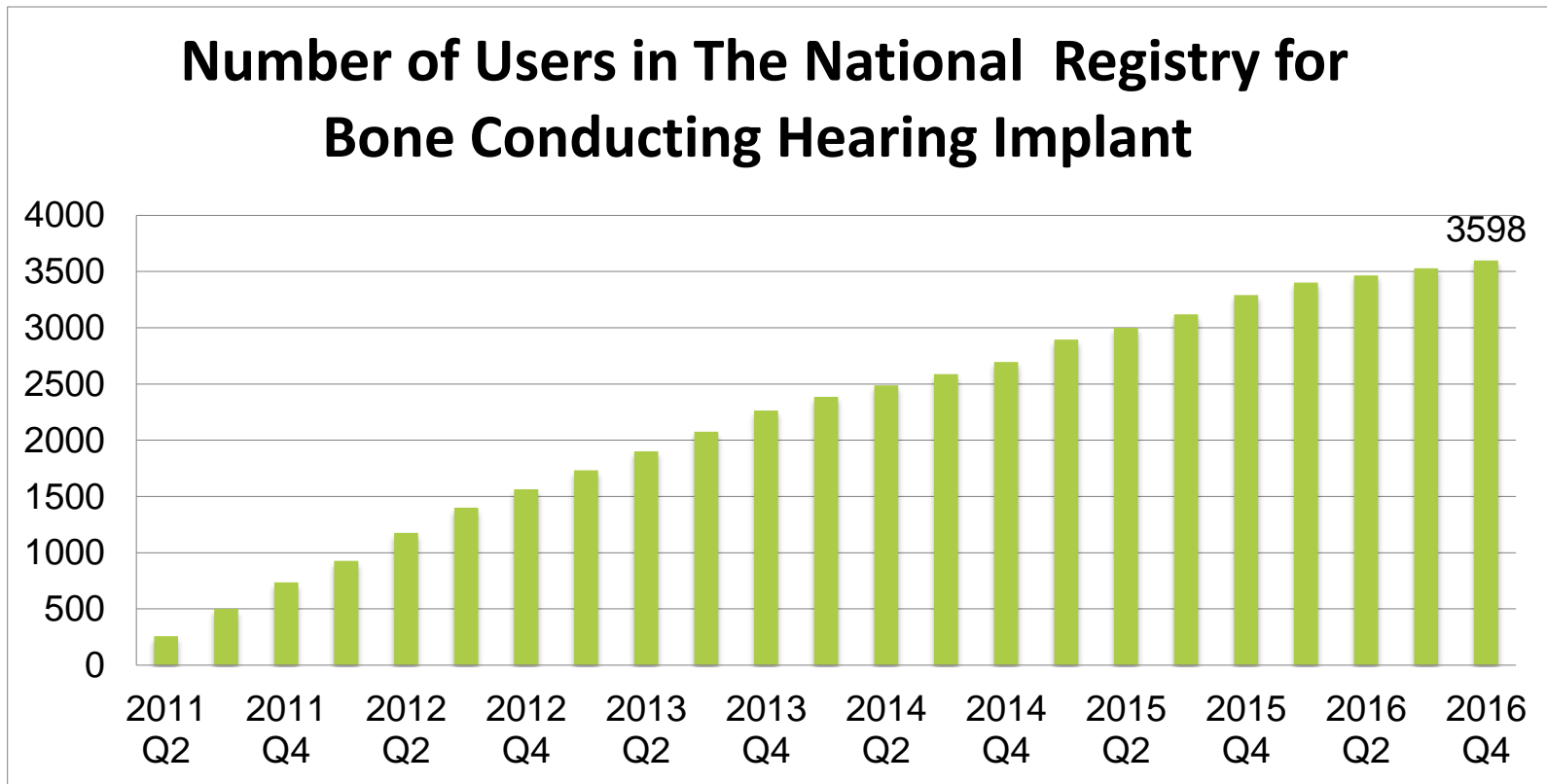
- To collect data on the current uptake of BCHIs in the UK
- To collect data on those fitted with BCHIs
- To update the data and produce the data collected on a quarterly basis for individual centres and collectively

## **Why this work is vital:**

- To increase awareness of the use of BCHIs
- To increase evidence on the use of BCHIs for users, families and professionals
- To inform policy and practice



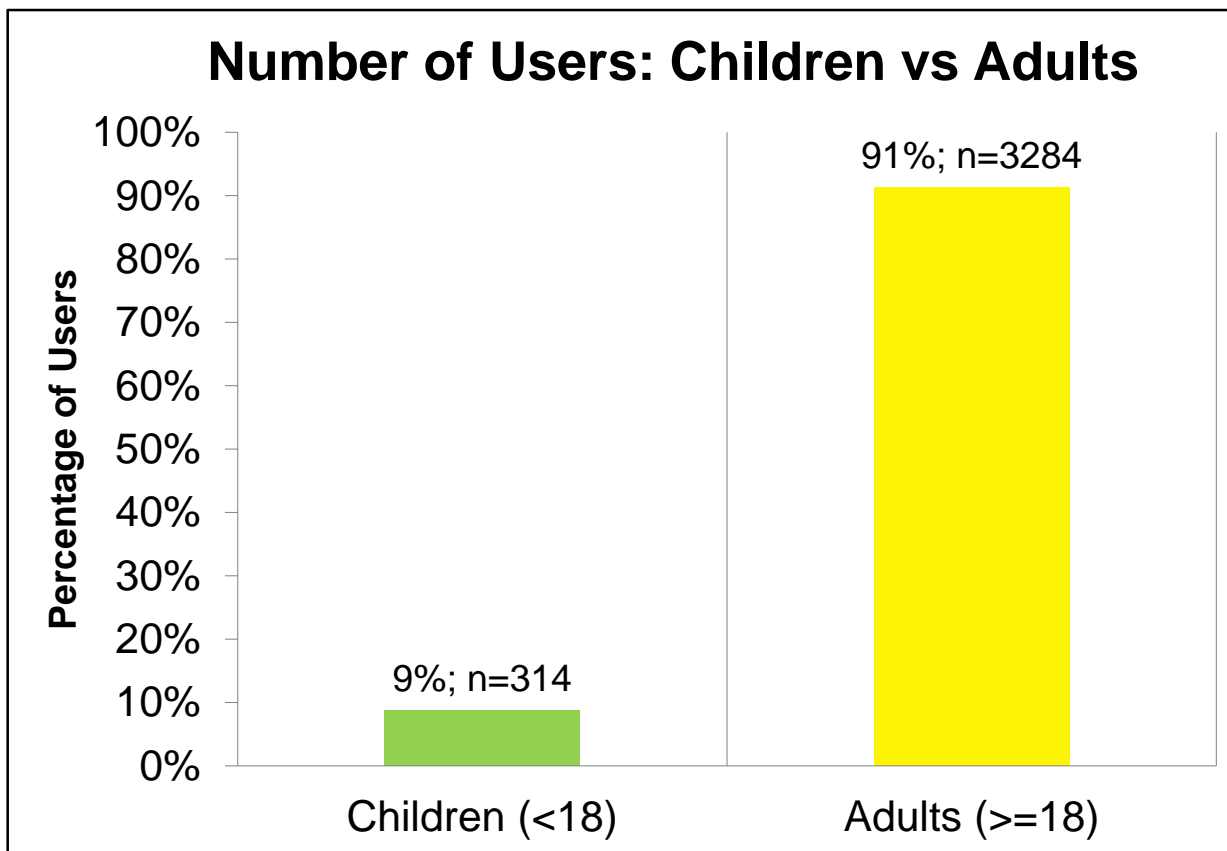
# Number of Users in the National BCHI Registry



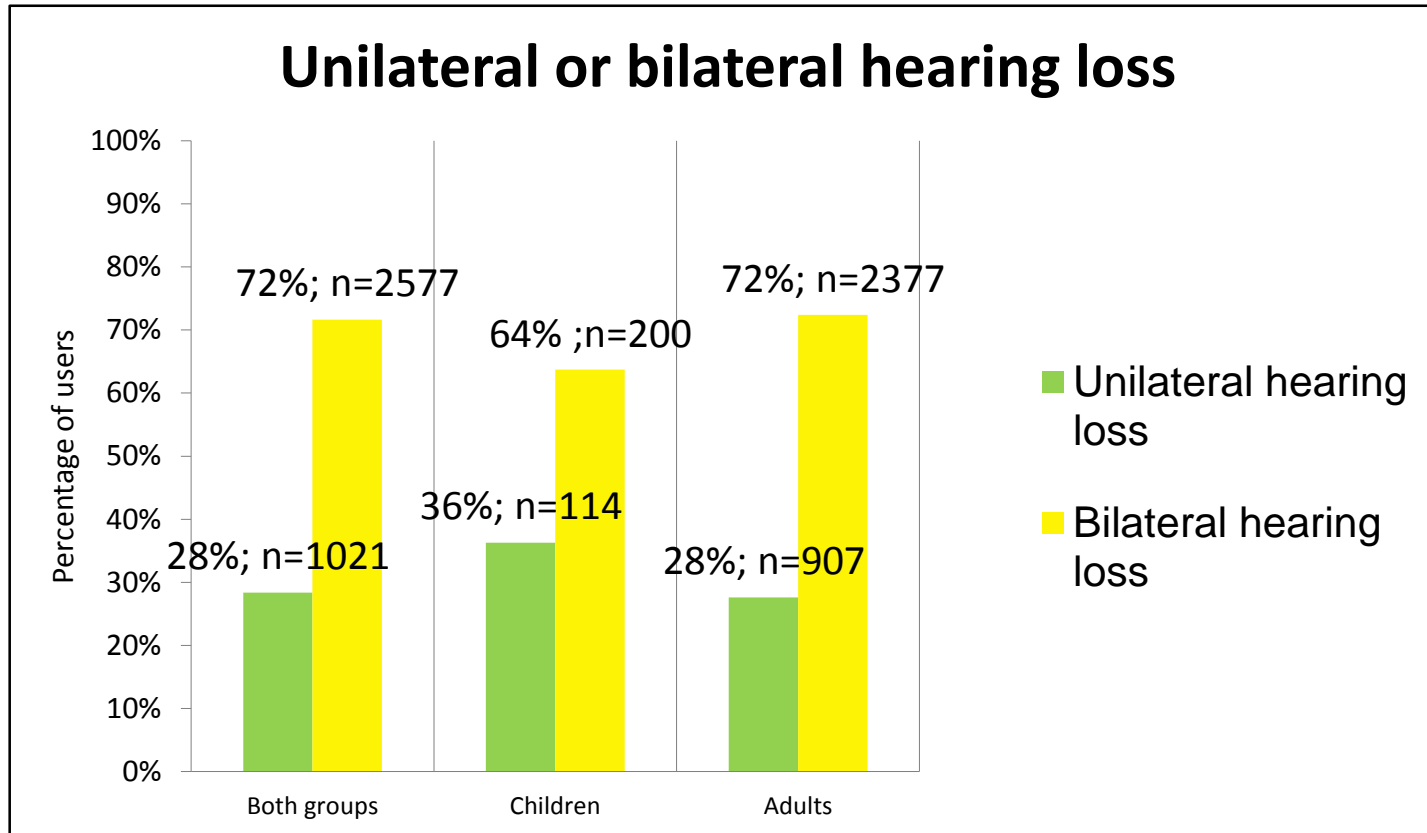
The total number of users in the BCHI Registry is now **3598** users (December 2016)



# Number of Users – Children vs. Adults



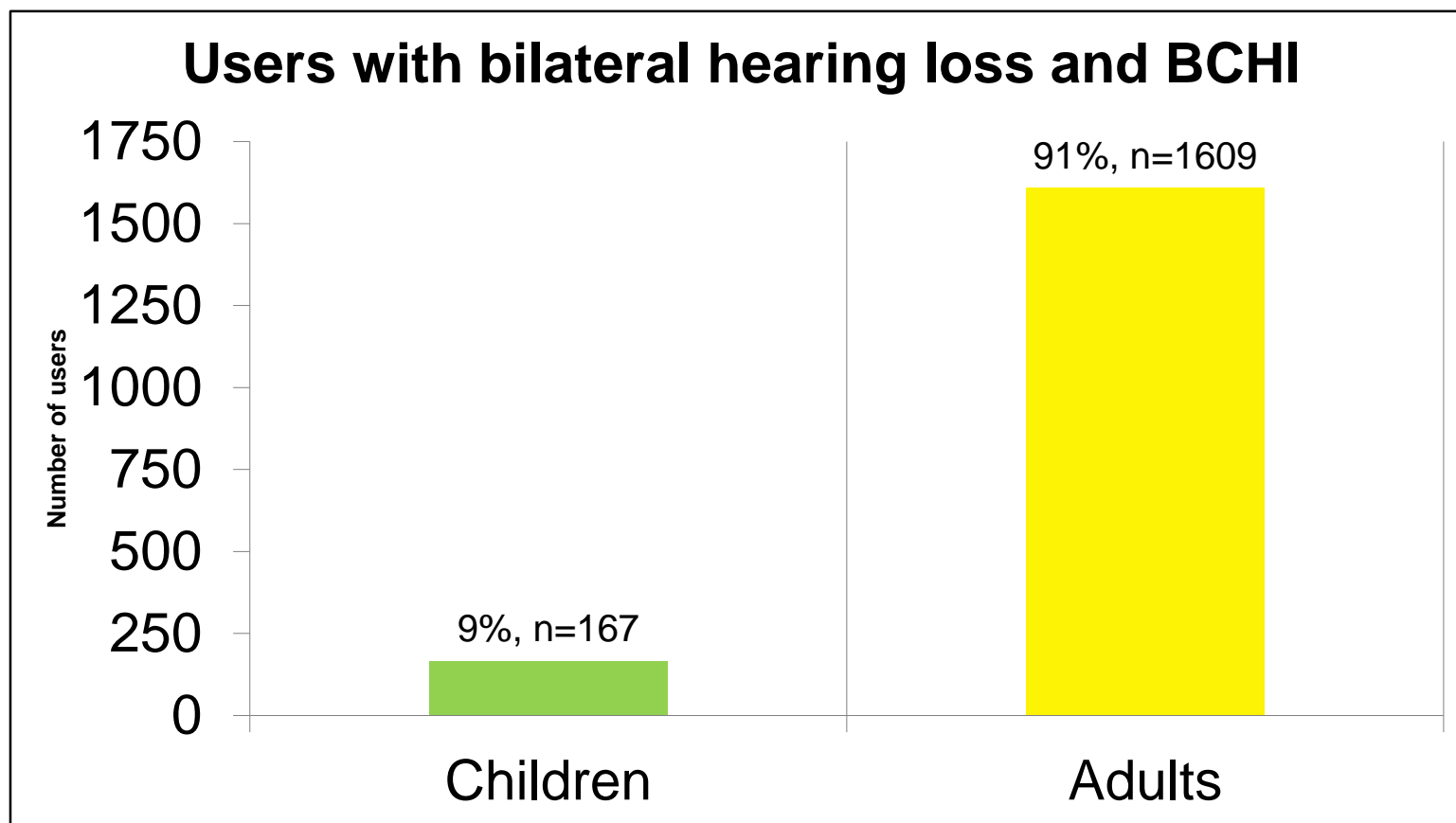
# Unilateral or Bilateral Hearing Loss?



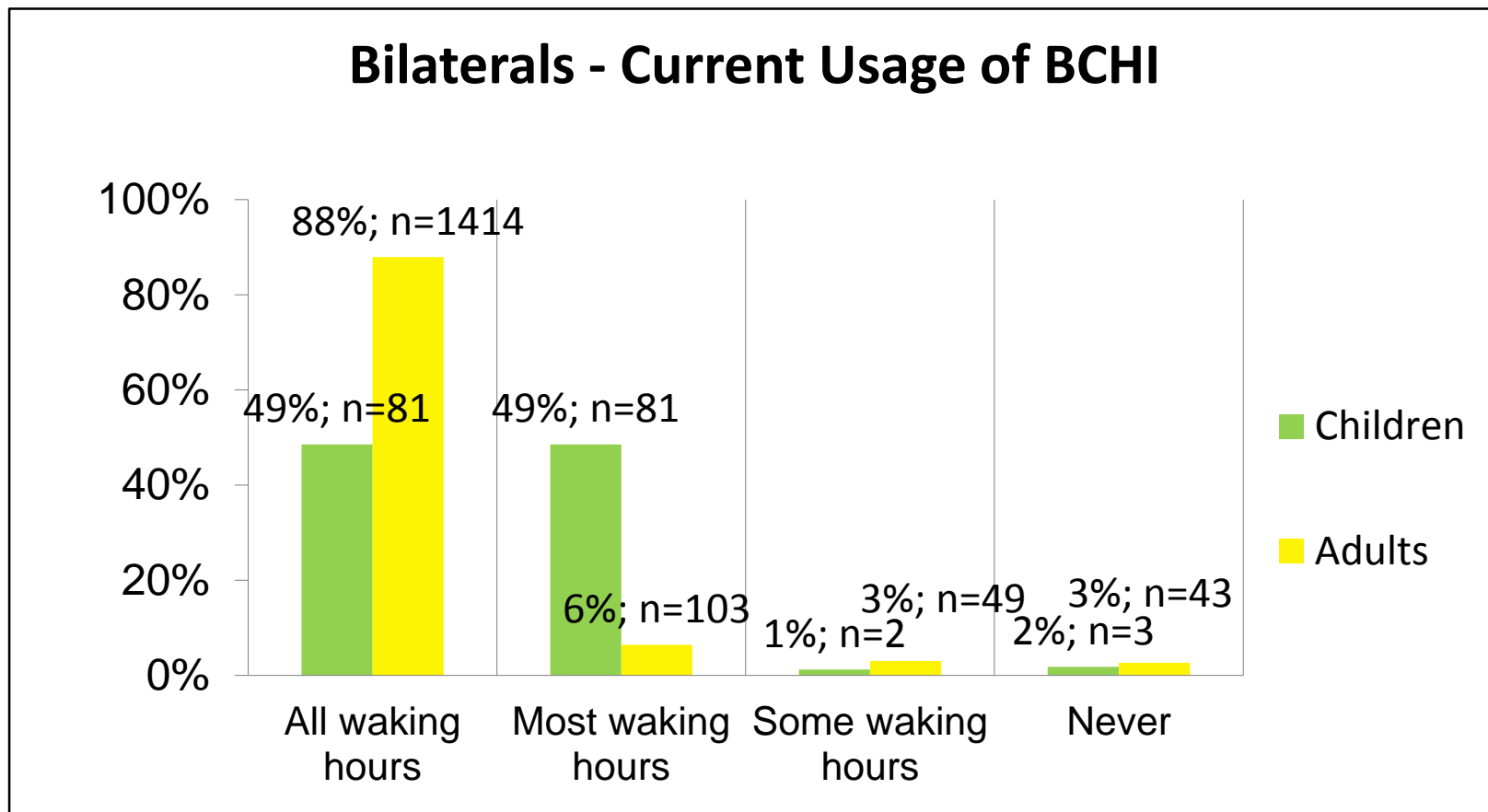
# Aetiology

| <b>Table 1. Aetiology</b>             | Both groups | Children | Adults |
|---------------------------------------|-------------|----------|--------|
| CSOM                                  | 48%         | 15%      | 46%    |
| Downs syndrome                        | 2%          | 13%      | 1%     |
| Isolated Atresia                      | 4%          | 20%      | 2%     |
| OME                                   | 4%          | 6%       | 6%     |
| Otitis Externa                        | 5%          | 1%       | 6%     |
| Otosclerosis                          | 5%          | 1%       | 5%     |
| Syndrome with associated hearing loss | 5%          | 23%      | 3%     |
| Trauma                                | 1%          | 0%       | 1%     |
| Other                                 | 26%         | 22%      | 29%    |

# How many users with a bilateral Hearing Loss were fitted with a BCHI? (n=1776)

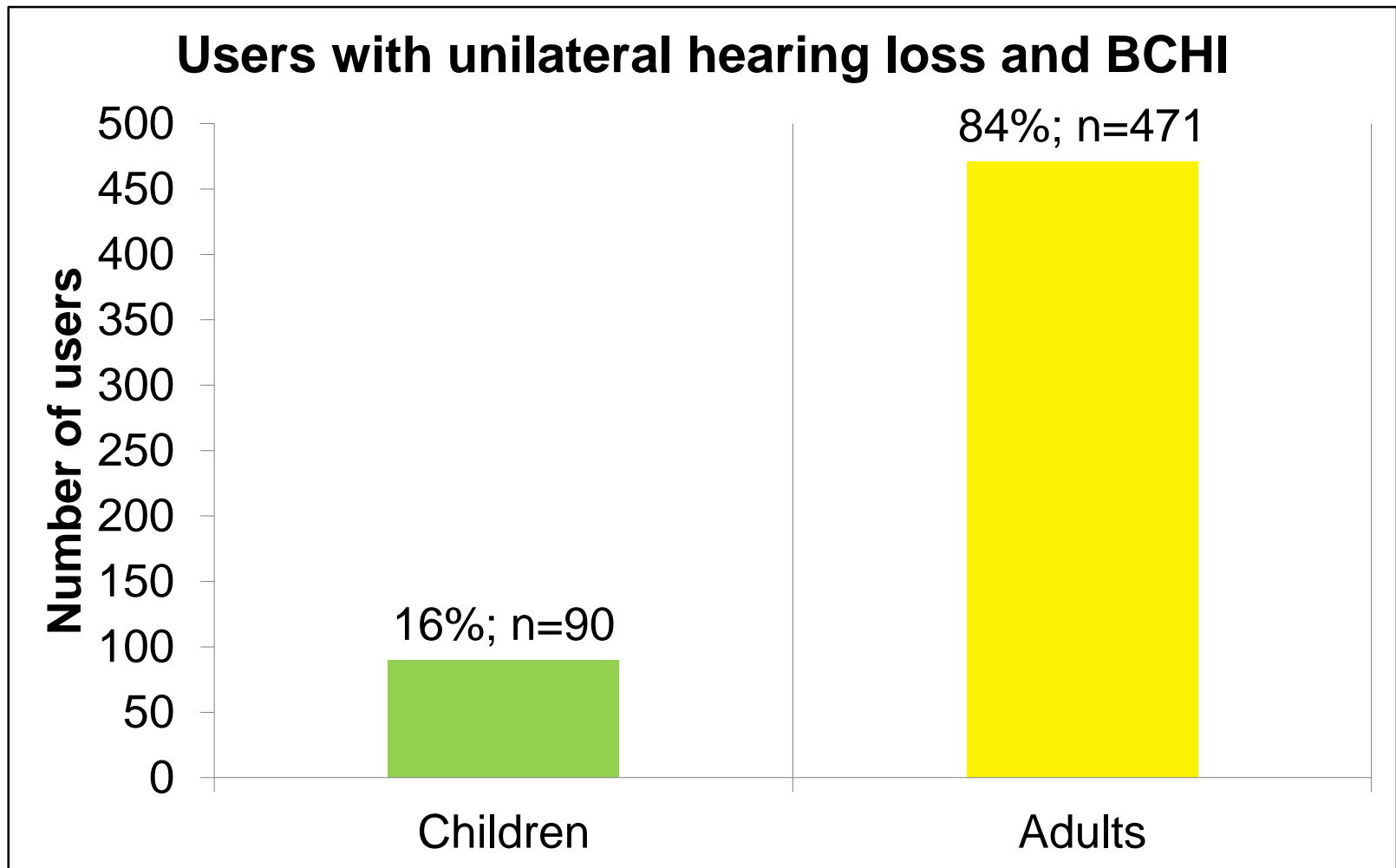


# Current Usage of BCHI – Users with bilateral hearing loss

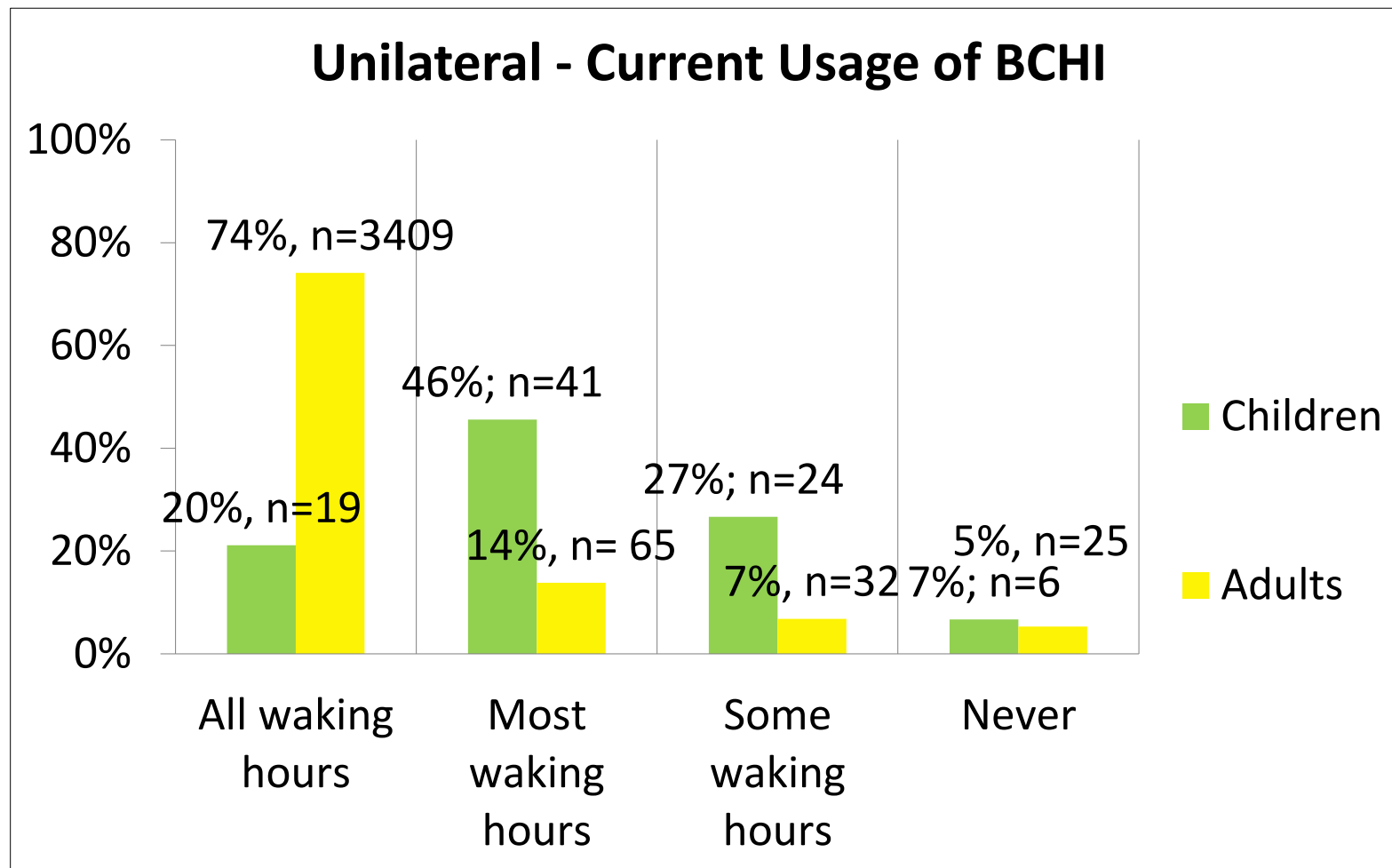




# How many users with a unilateral Hearing Loss were fitted with a BCHI? (n=561)



# Current Usage of BCHI – Users with unilateral hearing loss



# We currently have 21 centres involved in gathering data; 4 following

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- Addenbrooke's Hospital (Cambridge UH)
- Alder Hey Children's Hospital (Liverpool)
- Birmingham Children's Hospital
- Brighton & Sussex UH NHS T
- Countess of Chester Hospital (Chester)
- Derriford Hospital (Plymouth H NHS T)
- East Kent Hospitals U NHS T
- Freeman Hospital (Newcastle Hospitals, Newcastle Upon Tyne)
- Frimley Park Hospital (Camberley)
- Heartlands Hospital (Heart of England NHSFT, Birmingham)
- Leeds Teaching Hospitals NHS T
- Mid Cheshire H NHS FT (Crewe)
- North Manchester General Hospital
- Norfolk and Norwich UH NHS FT
- Queen Elizabeth Hospital Birmingham
- Ropewalk House (Nottingham UH NHS T)
- Rotherham NHS FT
- Royal Stoke University Hospital (UHNM, Stoke on Trent)
- Shrewsbury & Telford H NHS Trust
- South Tees NHS T (Middlesbrough)
- University College Hospital (UCLH, London)

# Next quarter

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**Thank you for the ongoing support to the National BCHI Registry!**

Please send through your data for the next quarter by:

**Friday 7<sup>th</sup> of April 2017**

If you know any other centres who could join, please let them get in touch with:

[zheng@earfoundation.org.uk](mailto:zheng@earfoundation.org.uk)

