

# Hearing Response

Measure your hearing sensitivity over a frequency range of 800Hz to 16000Hz.

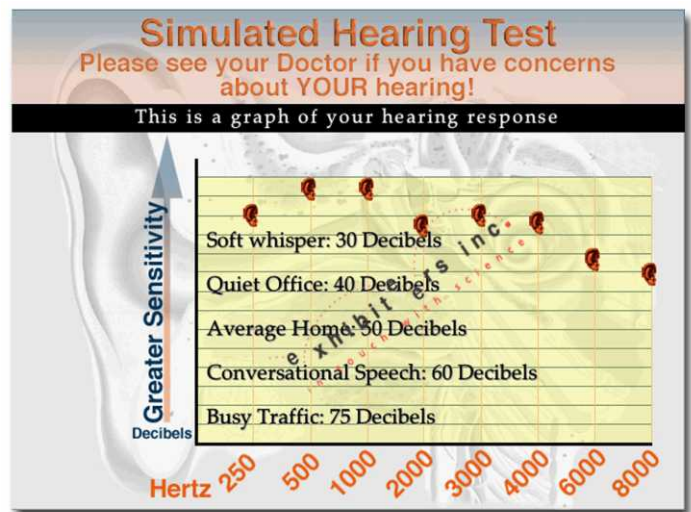
**Simulated Hearing Test**  
Please see your Doctor if you have concerns about YOUR hearing!

Information Courtesy  
Susan Wittrup - Audiologist

**Symptoms of Hearing Loss**

- Asking people to repeat
- Strained personal relationships... denial
- Misunderstanding conversations
- Social withdrawal
- Fatigue & stress
- Difficulty understanding children

Press the button to begin the "Test"...



Back

Sound will begin in ...

The graph plots hearing response in Decibels (y-axis, increasing upwards) against frequency in Hertz (x-axis, logarithmic scale from 250 to 8000). A large orange number '3' is overlaid on the graph, indicating the starting point of the sound.

Press the button to restart the test.

**How Much Will My Hearing Decrease as I Age?**

Click Here to Experiment with Hearing Loss

Hearing loss occurs throughout the lifespan. Up to age 55, our hearing declines about 2.5 decibels every ten years. After age 55, it declines about 8.5 decibels per decade.

Exposure to loud noises accelerates hearing loss. Noise above 85 decibels, such as loud city traffic and rock concerts, is especially damaging. Baby boomers have more significant loss at a younger age than previous generations. Men experience loss faster than women. Diseases such as Alzheimer's and heart disease also accelerate hearing loss.

Software designed by J.G. Broughton in cooperation with Exhibiteers Inc.  
Client: Boston Museum of Science - Secrets of Aging Traveling Exhibit