

# ISO 28961:2012-01 (E)

## Acoustics - Statistical distribution of hearing thresholds of otologically normal persons in the age range from 18 years to 25 years under free-field listening conditions

---

### Contents

Page

Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Calculation of percentiles of hearing threshold distribution .....	2
3.1 General .....	2
3.2 Threshold distribution at frequencies lower than 10 000 Hz .....	2
3.3 Threshold distribution at 10 000 Hz and higher frequencies .....	4
Annex A (informative) Numerical examples to illustrate the procedure .....	5
Annex B (informative) Selected values of the statistical distribution of hearing thresholds of otologically normal persons in the age range 18 years to 25 years inclusive .....	6
Annex C (informative) Selected values of $z_x$ .....	9
Annex D (informative) Notes on the derivation of the statistical distribution of normal hearing thresholds .....	10
Bibliography .....	11