

Communication Disorders

Pat Caldwell, SLP
Speech and Language Pathologist

Communication Disorders

- Communication
 - Receiving, understanding and expressing information, feelings and ideas

Types of Disorders

Speech Disorders

- Difficulty producing sounds as well as disorders of voice quality or fluency of speech.

Types of Disorders

Speech Disorders

- Articulation Disorders
 - Substitutions
 - Omissions
 - Additions

Types of Disorders

Speech Disorders

- Articulation Disorders
- Voice Disorders
 - Hyponasality
 - Hypernasality

Types of Disorders

Speech Disorders

- Articulation disorders
- Voice Disorders
- Fluency Disorders

Types of Disorders

- Language Disorder
 - Difficulty receiving or understanding information.

Types of Disorders

- Language Disorder
 - Phonology
 - Morphology
 - Syntax
 - Pragmatics

Communication Disorders

- 18.8% of special education recipients ages 6 to 21 have received speech and language services.
- 55% of 3 to 5 year olds served under the IDEA had speech- language disorders.

Speech Statistics

- The prevalence of speech sound disorder in young children is 8 to 9 percent.
- By the first grade, roughly 5 percent of children have noticeable speech disorders; the majority of these speech disorders have no known cause.

Speech Statistics

- It is estimated that more than 3 million Americans stutter.
- Stuttering affects individuals of all ages but occurs most frequently in young children between the ages of 2 and 6 who are developing language.
- Boys are 3 times more likely to stutter than girls. Most children, however, outgrow their stuttering, and it is estimated that fewer than 1 percent of adults stutter.

Speech Statistics

- When recovery occurs, it is likely to do so from 6 to 36 months after onset, with most children recovering within the first 1 to 2 years after their stuttering was first noted (7).
- Males are more likely to exhibit co-occurring speech disorders than females, especially in articulation and phonology. Co-occurring non-speech-language disorders are also significantly higher in males than females (8).
- In 2006, almost 69% of speech-language pathologists in schools indicated that they served individuals with fluency disorders (9).

Language Statistics

- Between 6 and 8 million people in the United States have some form of language impairment.
- Research suggests that the first 6 months are the most crucial to a child's development of language skills. For a person to become fully competent in any language, exposure must begin as early as possible, preferably before school age.

Language Statistics

- Specific Language Impairment (SLI) occurs when children present language maturation at least 12 months behind their chronological age, in the absence of sensory or intellectual defects, pervasive developmental disorders, evident cerebral damage, and adequate social and emotional conditions.
- SLI is one of the most common childhood disorders, affecting 7% of children.
- Substantial evidence illustrates possible familial transmission of SLI. The incidence in families with a history of SLI is estimated at 20%-40%.
- SLI has a prevalence of approximately 7% in children entering school and is associated with later difficulties in learning to read.
- In 2006, approximately 61% of speech-language pathologists in schools indicated that they served individuals with SLI.

Communication Disorders

Communication disorders are among the most common disabilities in the United States. A child's overall future and success can be improved greatly through the early identification of communication disorders, establishment of their causes, and subsequent intervention.

Websites

- <http://www.nsslha.org/research/reports/children.htm>
- <http://www.nlm.nih.gov/medlineplus/speechandcommunicationdisorders.html#cat22>

Communication Disorders

Pat Caldwell, SLP

Speech and Language Pathologist