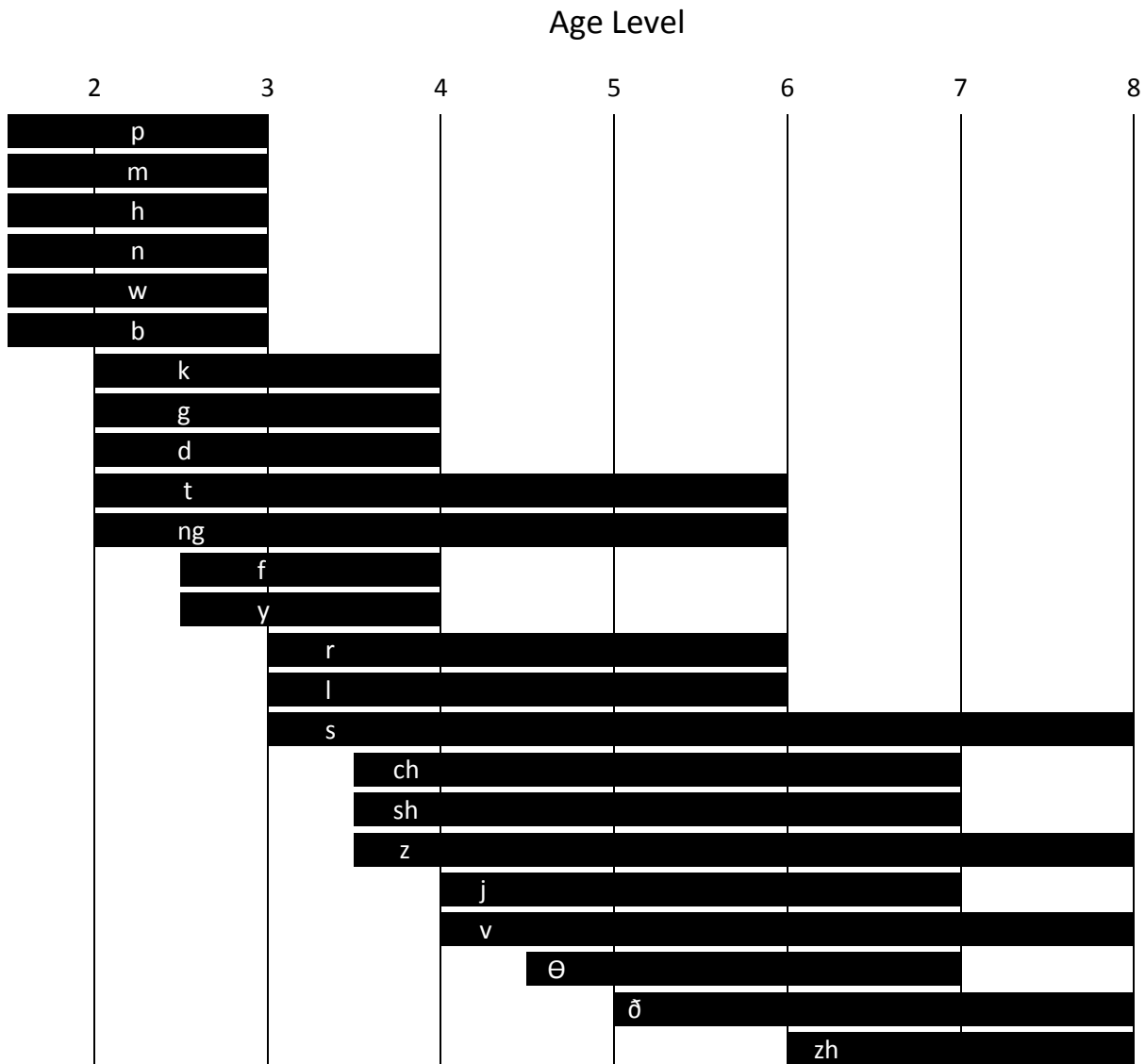


Age of Customary Consonant Production



Average age estimates and upper age limits of customary consonant production. The solid bar corresponding to each sound starts at the median age of customary, articulation; it stops at an age level at which 90% of all children are customarily producing the sound (from Templin, 1957; Wellman et al., 1931). Source: Sander © 1972 American Speech-Language-Hearing Association.

Sander, E. K. (1972). When are speech sounds learned? *Journal of Speech and Hearing Disorders*, 37(1), 55–63.

Templin, M. (1957). *Certain language skills in children: Their development and interrelationships*. Minneapolis, MN: University of Minnesota Press.

Wellman, B., Case, I., Mengert, I., & Bradbury, D. (1931). Speech sounds of young children. *University of Iowa Study, Child Welfare*, 5(2), 1–82.