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Normative Data for Consonant Production

	Age of Mastery*	Age of Customary Usage**
m	3	before 2
n	3	before 2
"ing"	3	2
p	3	before 2
f	3	3
h	3	before 2
w	3	before 2
y	3 1/2	4
b	4	before 2
d	4	2
k	4	2
g	4	2
r	4	3
s	4 1/2	3
"sh" (<u>r</u> ush)	4 1/2	4
"ch" (<u>ch</u> ase)	4 1/2	4
t	6	2
l	6	3
v	6	4
"th" (<u>w</u> ith) 0	6	5
"th" (<u>th</u> at)	7	5
z	7	4
(m <u>ea</u> s <u>u</u> re)	7	6
"j" (<u>j</u> udge)	7	4

* The age (years) at which 75% of the children tested correctly produced the sound in initial, medial and final positions (Templin, 1957).

** The age at which 50% of the children tested correctly produced the sound in two of three word positions (Sander, 1972).)

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