



Multilingual Children's Speech Development

TAGALOG

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Presented by:

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Tagalog

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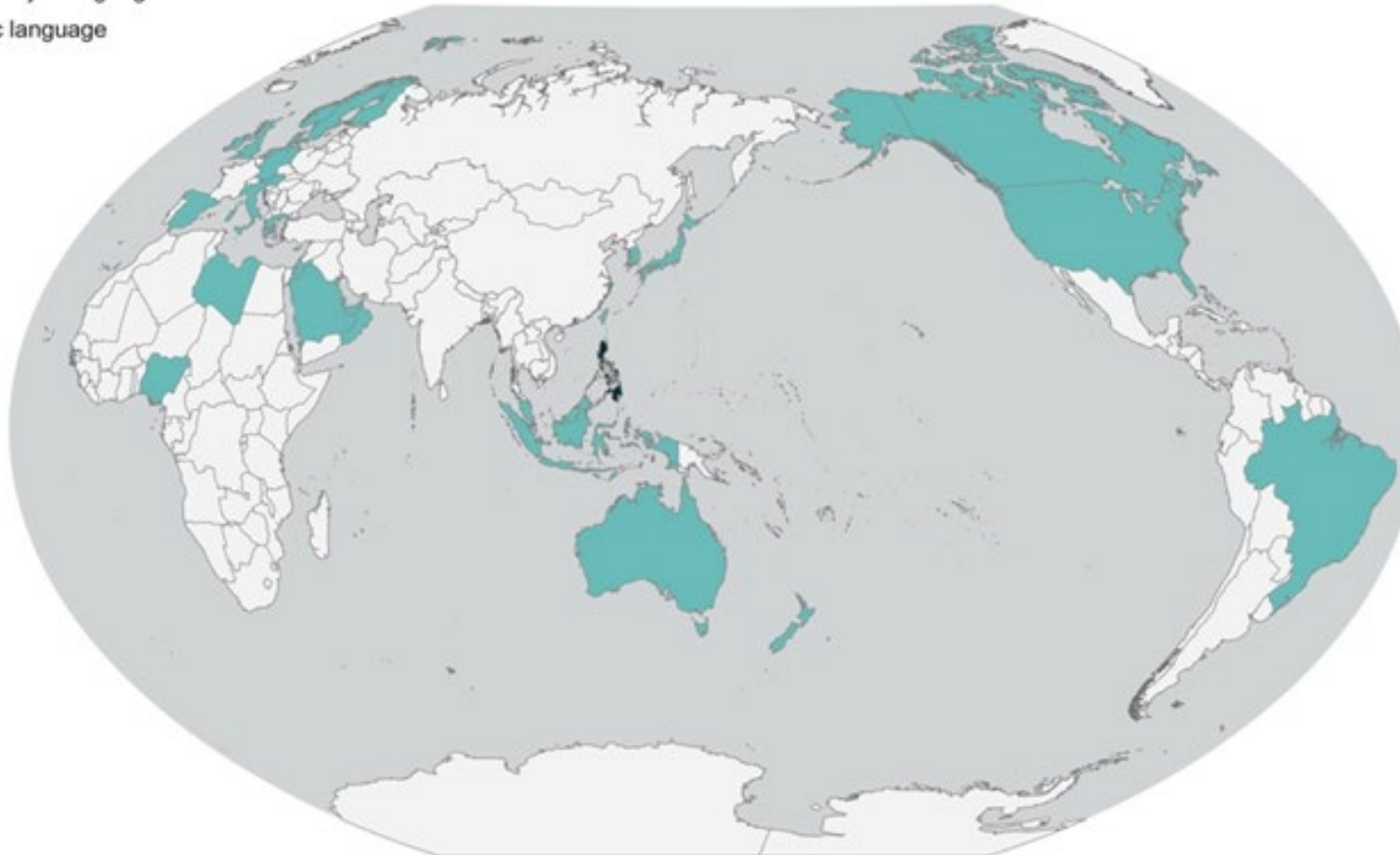


Tagalog

- **Commonly spoken in**
 - mainly spoken in the Philippines and 40 other countries as a diasporic language
- **Dialects and variants**
 - Manila, Bataan, Batangas, Bulacan, Lubang, Marinduque, Puray, Tanay-Paete, and Tayabas (Eberhard et al., 2023)
- **Writing**
 - Ancient Tagalog script (baybayin), a syllabic writing system (Rubino, 2004)
 - In contemporary Tagalog, the Roman alphabet is now used, with twenty letters plus eight additional letters often used in loan words (Schachter & Reid, 2018)

Tagalog Map

- Official / major language
- Diasporic language



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Tagalog Speech Components

- **Consonants (16 native + 6 loan):**
 - native: /p, b, t, d, k, g, ʔ, m, n, ŋ, s, h, r, l, j, w/ (Zuraw, 2010)
 - loan: /f, v, z, ʃ, tʃ, dʒ/ in Spanish and English loanwords (Chen et al., 2016; Himmelmann, 2005; Schachter & Otones, 1972)
- **Consonant clusters:** non-native, but clusters occur in Spanish and English loanwords (Cena, 1979; Laranjo, 2017; Llamzon, 1975)
- **Vowels (5):** /a, e, i, o, u/ (Schachter & Reid, 2018)
- **Tones (0):** None
- **Phonotactic restrictions:** $C_1V_1C_{(0-1)}$ in native Tagalog, with more complex syllable structures possible in Spanish and English loanwords
- **Prosody:** phonemic lexical stress; rising intonation (questions); falling intonation (sentences)

Tagalog

Age of Acquisition

■ Consonants

- “mastered” if >75% or more of the children in an age group produced the phoneme in all word positions (Prather et al., 1975)
- /b, p, m, n, d, j, dʒ/ mastered at 2;0-2;11, /w, t, l, ŋ, k, g, tʃ, s, h/ at 3;0-3;11, /r/ at 4;0-4;11 (Riguer & Panganiban, 2004)

■ Consonant clusters

- At 4;0-4;11, loan clusters /tr, kl, br, pr, dr, gr, kw, bl, pl, tʃr, sw, kr, pw, sp, kj, pj/ were the most commonly produced for the onset position, while /ns, ks, ndʒ, ts, nd, rk, rls, ld, nt, rs, st, ŋs, ŋk, ls, rt, rʃ, rd, rks/ were the most common in the coda position (Jacinto et al., 2020)

■ Vowels

- No study has looked at acquisition of Tagalog vowels

■ Tones

- Tagalog does not have tones

Tagalog Speech Development

■ Percentage correct

- 98-100% consonants correct by age 4;0-4;11 (single-word elicitation, Rodriguez et al., 2008)
- 97% consonants correct by age 4;0-4;11 (connected speech, Jacinto et al., 2017)

■ Intelligibility

- 96% intelligibility of words by age 4;0-4;11 (Maximo et al., 2017)

■ Common phonological patterns

- Cluster reduction, depalatalization, and epenthesis persist at age 3;0-3;11 (Cheng & Sison, 1996; Limbo et al., 2015)

Tagalog Children with Speech Sound Disorders

- **Also called**
 - phonological disorder, articulation disorder, childhood apraxia of speech, dysarthria (no Tagalog equivalent)
- **Research has focused on**
 - assessment
 - cleft lip and palate (CLP)
- **Studies (examples)**
 - fricative production of 6- to 17-year-olds with cleft lip and palate (Ligot et al., 2004)

Tagalog Speech Assessments

- **Tagalog sentence repetition test for Tagalog speakers**
(Albert, 2022)
- **Tagalog Articulation Test**
(Cuadro et al., 2016)
- **Halo-halo Espesyal Passage: Tool for Assessment of Children with Cleft lip and palate**
(Ligot et al., 2004)
- **Pagsala ng Larawang Pagsusulit ng Kaayunan sa Pagbigkas sa Antas ng Kataga (PALAPA)** [Screening Picture Test of Articulation Consistency in the word level]
(Sabir, 1992)

Tagalog Speech Interventions

- To date, there are no specialized intervention programs in Tagalog
- Filipino clinicians judiciously consider clinical evidence, clinical experience and expertise, and client values and preferences in the intervention process (Sackett et al., 2002)
- Approaches are also adjusted by clinicians based on the client's socioeconomic status and the language or dialect by the clinician and the client

Reference

Book chapter

- Bondoc, I. P., Garcia, R. & Garcia, F. D. S. (forthcoming). Tagalog speech development. In S. McLeod (Ed.). *The Oxford handbook of speech development in languages of the world*. Oxford University Press.

Presentation

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