

Supplemental Material S1. Age of datasets from previously published studies on treatment access in speech and language disorders.

Reported study	Data source	Year(s) data collected/used
Bishop & Haiyou-Thomas (2008)	Twins Early Development Study (TEDS)	1994–1996
Black et al. (2015)	National Health Interview Survey (NHIS)	2012
Hebbeler et al. (2007)	National Early Intervention Longitudinal Study (NEILS)	1997–1998
McManus et al. (2013)	Newborn Lung Project	2003–2004
Morgan et al. (2012)	Early Childhood Longitudinal Study–Birth Cohort (ECLS-B)	2001
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Robinson & Norton (2019)	Office of Special Education Programs (OSEP)/National Center for Educational Statistics (NCES)	2004–2014
Scarborough et al. (2006)	National Early Intervention Longitudinal Study (NEILS)	1997–1998
Skeat et al. (2014)	Early Language in Victoria Study (ELVS)	2003–2007
Tomblin et al. (1997)	EpiSLI	Began ~1995
Warfield & Gulley (2006)	Family’s Partner Survey	1998–1999
Wittke & Spaulding (2018)	Unknown/not available	Unknown
Zhang & Tomblin (2000)	EpiSLI	Began ~1995

References

- Bishop, D. V. M., & Haiyou-Thomas, M. E. (2008). Heritability of specific language impairment depends on diagnostic criteria. *Genes, Brain and Behavior*, 7(3), 365–372. <https://doi.org/10.1111/j.1601-183X.2007.00360.x>
- Black, L. I., Vajratian, A., & Hoffman, H. J. (2015). *Communication disorders and use of intervention services among children aged 3–17 years: United States, 2012*. U.S. Department of Health and Human Services.
- Hebbeler, K., Spiker, D., Bailey, D., Scarborough, A., Mallik, S., Simeonsson, R., Singer, M., & Nelson, L. (2007). *Early intervention for infants and toddlers with disabilities and their families: Participants, services, and outcomes* (p. 116). SRI International.
- McManus, B. M., Robert, S., Albanese, A., Sadek-Badawi, M., & Palta, M. (2013). Predictors of receiving therapy among very low birth weight 2-year olds eligible for Part C early intervention in Wisconsin. *BMC Pediatrics*, 13(1), 106. <https://doi.org/10.1186/1471-2431-13-106>
- Morgan, P. L., Farkas, G., Hillemeier, M. M., & Maczuga, S. (2012). Are minority children disproportionately represented in early intervention and early childhood special education? *Educational Researcher*, 41(9), 339–351. <https://doi.org/10.3102/0013189X12459678>
- Morgan, P. L., Hammer, C. S., Farkas, G., Hillemeier, M. M., Maczuga, S., Cook, M., & Morano, S. (2016). Who receives speech/language services by 5 years of age in the United States? *American Journal of Speech-Language Pathology*, 25(2), 183–199. https://doi.org/10.1044/2015_AJSLP-14-0201
- Robinson, G. C., & Norton, P. C. (2019). A decade of disproportionality: A state-level analysis of African American students enrolled in the primary disability category of speech or language impairment. *Language, Speech, and Hearing Services in Schools*, 50(2), 267–282. https://doi.org/10.1044/2018_LSHSS-17-0149
- Scarborough, A. A., Hebbeler, K. M., & Spiker, D. (2006). Eligibility characteristics of infants and toddlers entering early intervention services in the United States. *Journal of Policy and Practice in Intellectual Disabilities*, 3(1), 57–64. <https://doi.org/10.1111/j.1741-1130.2006.00053.x>

- Skeat, J., Wake, M., Ukoumunne, O. C., Eadie, P., Bretherton, L., & Reilly, S. (2014). Who gets help for pre-school communication problems? Data from a prospective community study. *Child: Care, Health and Development*, 40(2), 215–222. <https://doi.org/10.1111/cch.12032>
- Tomblin, J. B., Records, N. L., Buckwalter, P., Zhang, X., Smith, E., & O'Brien, M. (1997). Prevalence of specific language impairment in kindergarten children. *Journal of Speech, Language, and Hearing Research*, 40(6), 1245–1260. <https://doi.org/10.1044/jslhr.4006.1245>
- Warfield, M. E., & Gulley, S. (2006). Unmet need and problems accessing specialty medical and related services among children with special health care needs. *Maternal and Child Health Journal*, 10(2), 201–216. <https://doi.org/10.1007/s10995-005-0041-3>
- Wittke, K., & Spaulding, T. J. (2018). Which preschool children with specific language impairment receive language intervention? *Language, Speech, and Hearing Services in Schools*, 49(1), 59–71. https://doi.org/10.1044/2017_LSHSS-17-0024
- Zhang, X., & Tomblin, J. B. (2000). The association of intervention receipt with speech-language profiles and social-demographic variables. *American Journal of Speech-Language Pathology*, 9(4), 345–357. <https://doi.org/10.1044/1058-0360.0904.345>