

Disparities in Diagnosis and Care for Children with Autism

February 2019

PREVALENCE & DIAGNOSIS

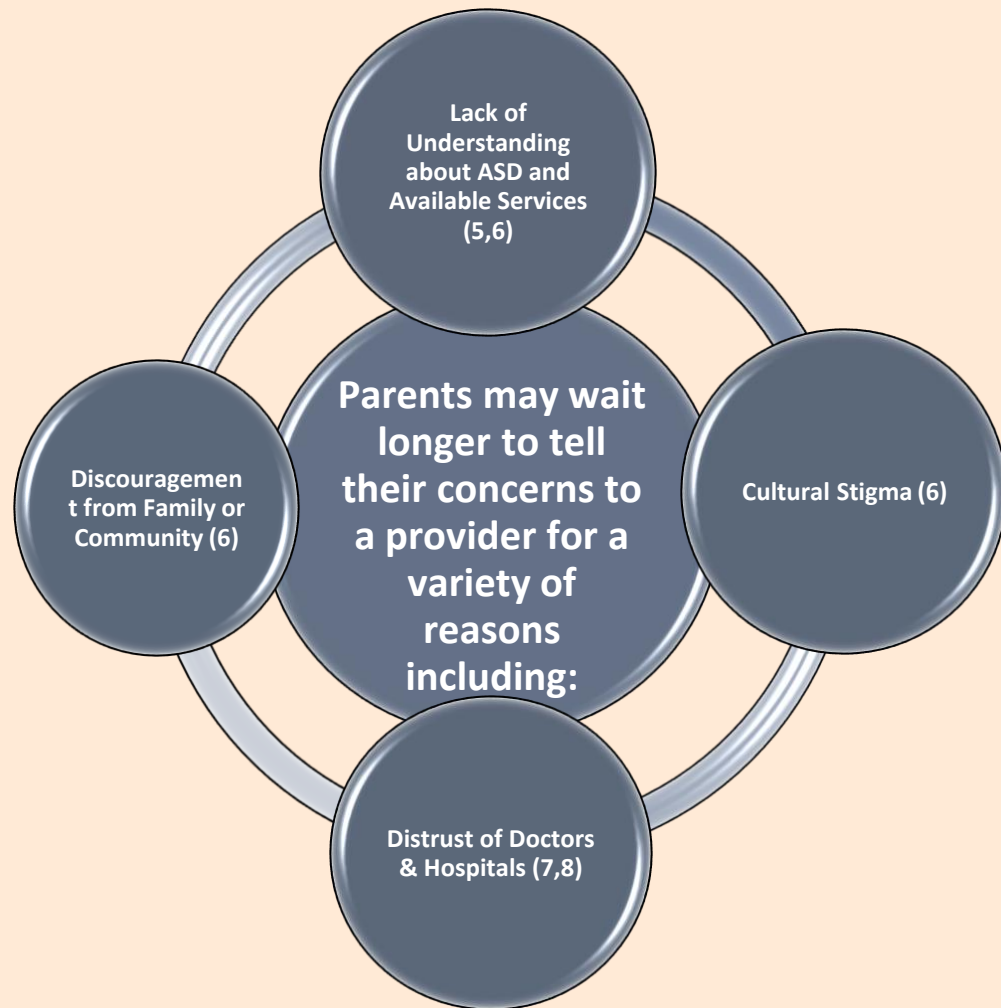
Latino and black children are less likely to be diagnosed with ASD than white children^{1,2}, are more likely to be misdiagnosed³, and on average are diagnosed at an older age than white children⁴.



1 in 59 children was identified with Autism Spectrum Disorder (ASD) in a recent CDC survey.¹

Of children identified with ASD, 85% had developmental concerns by age 3, but only 42% received a comprehensive developmental evaluation by age 3.¹

The Healthy People 2020 goal is to have 47% of children with ASD receive a comprehensive evaluation by age 3.¹



The SCHUBERT CENTER FOR CHILD STUDIES in the College of Arts and Sciences at Case Western Reserve University bridges research, practice, policy and education for the well being of children and adolescents and has been generously supported by the Bondy, Brisky, Hamilton, Mann and Schubert Endowments.

Director: Jill Korbin, PhD Policy Director: Gabriella Celeste, JD Research Director: Anastasia Dimitropoulos, PhD Assistant Director: Samantha Hill, MNO Graduate Research Assistant: Kelley Kampman

INTERVENTION & TREATMENT

Latino children with ASD are less likely than white children to access early intervention services. Those that do access services are less likely to receive the recommended level of services.^{9,7}

Children over the age of 3 with ASD receive the majority of services and interventions through the special education system, but Latino children with ASD experience disparities in the type and amount of special education services they receive.^{10,11}

PROMISING PRACTICES to REDUCE DISPARITIES

Awareness

Increase awareness of ASD disparities among underserved communities.¹²
Provide parents with information about ASD and available services.

Screening

Help early childcare providers to screen for ASD in preschool and daycare settings.¹³

Diagnosis

Develop culturally and linguistically appropriate screening tools.¹⁴

REFERENCES

1. Baio, J., Wiggins, L., Christensen, D.L., et al. (2018). Prevalence of Autism Spectrum Disorder Among Children Aged 8 Years — Autism and Developmental Disabilities Monitoring Network, 11 Sites, United States, 2014. *MMWR. Surveillance Summaries*, 67.
2. Mandell, D. S., Wiggins, L. D., Carpenter, L. A., Daniels, J., DiGiuseppi, C., Durkin, M. S., ... Kirby, R. S. (2009). Racial/Ethnic Disparities in the Identification of Children With Autism Spectrum Disorders. *American Journal of Public Health*, 99(3), 493–498.
3. Mandell, D. S., Ittenbach, R. F., Levy, S. E., & Pinto-Martin, J. A. (2007). Disparities in Diagnoses Received Prior to a Diagnosis of Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 37(9), 1795–1802.
4. Mandell, D. S., Listerud, J., Levy, S. E., & Pinto-martin, J. A. (2002). Race Differences in the Age at Diagnosis Among Medicaid-Eligible Children With Autism. *Journal of the American Academy of Child & Adolescent Psychiatry*, 41(12), 1447–1453.
5. Benevides, T. W., Carretta, H. J., & Mandell, D. S. (2016). Differences in Perceived Need for Medical, Therapeutic, and Family Support Services Among Children With ASD. *Pediatrics*, 137(Supplement 2), S176–S185.
6. Burkett, K., Morris, E., Manning-Courtney, P., Anthony, J., & Shambley-Ebron, D. (2015). African American Families on Autism Diagnosis and Treatment: The Influence of Culture. *Journal of Autism and Developmental Disorders*, 45(10), 3244–3254.
7. Zuckerman, K. E., Lindly, O. J., Reyes, N. M., Chavez, A. E., Macias, K., Smith, K. N., & Reynolds, A. (2017). Disparities in Diagnosis and Treatment of Autism in Latino and Non-Latino White Families. *Pediatrics*, 139(5), e20163010.
8. Jegatheesan, B. (2009). Cross Cultural Issues in Parent Professional Interactions: A Qualitative Study of Perceptions of Asian American Mothers of Children with Developmental Disabilities. *Research and Practice for Persons with Severe Disabilities*, 34(3–4), 123–136.
9. Magaña, S., Lopez, K., Aguinaga, A., & Morton, H. (2013). Access to Diagnosis and Treatment Services Among Latino Children With Autism Spectrum Disorders. *Intellectual & Developmental Disabilities*, 51(3), 141–153.
10. Bilaver, L. A., Cushing, L. S., & Cutler, A. T. (2016). Prevalence and Correlates of Educational Intervention Utilization Among Children with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 46(2), 561–571.
11. Harstad, E., Huntington, N., Bacic, J., & Barbaresi, W. (2013). Disparity of Care for Children With Parent Reported Autism Spectrum Disorders. *Academic Pediatrics*, 13(4), 334–339.
12. Cohen, S. R. (2013). Advocacy for the Abandonados: Harnessing Cultural Beliefs for Latino Families and Their Children With Intellectual Disabilities. *Journal of Policy and Practice in Intellectual Disabilities*, 10(1), 71–78.
13. Janvier, Y. M., Harris, J. F., Coffield, C. N., Louis, B., Xie, M., Cidav, Z., & Mandell, D. S. (2016). Screening for autism spectrum disorder in underserved communities: Early childcare providers as reporters. *Autism*, 20(3), 364–373.
14. Harris, B., Barton, E. E., & Albert, C. (2014). Evaluating Autism Diagnostic and Screening Tools for Cultural and Linguistic Responsiveness. *Journal of Autism and Developmental Disorders*, 44(6), 1275–1287.