Appendix G
HMG LA Risk Indicator Heat Map

The proposer will need to identify what part of the community catchment area their collaborative will focus their efforts on, such as detailing zip codes, neighborhood, cities or the entire catchment area in their proposal. We encourage proposers to our Heat Map tool as well as other data sources in drafting their proposals. To access this tool, visit:
http://first5la.maps.arcgis.com/apps/MapJournal/index.html?appid=0ecefbd5038344b79e29ca44e14d0529

Data Sources: U.S. Census Bureau and University of Southern California Children's Data Network.

Background

The HMG LA Recommendation Report – *Promoting Young Children's Optimal Development* – identifies the need to use population, administrative and caseload data to inform population and geographic targets to guide the selection of HMG LA Pathways communities to ensure communities of need are not overlooked.

About the Heat Map

Recognizing the importance of implementing an equitable and data-driven place-based project, a heat map was developed that displays the below parental, perinatal and socio-demographic population data across multiple geographic areas within L.A. County.

Indicator	Source	Percentage Calculation
Population below age 6 living below the federal poverty level (FPL)	American Community Survey (2013-2017 5-year average)	0-6 year olds living below FPL / 0-6 year olds
Population with limited English proficiency	American Community Survey (2013-2017 5-year average)	Population > 5 years old speaking English less than very well / Population > 5 years old
Count of substantiated child maltreatment reports (for ages 0-18 years old)	University of Southern California Children's Data Network (2007-2016)	Total substantiated reports of child maltreatment / Reports of child maltreatment
Births to mothers with less than a high school diploma	University of Southern California Children's Data Network (2007-2016)	Total births to mothers with less than a high school diploma / Total births
Births to mothers under 20 years of age	University of Southern California Children's Data Network (2007-2016)	Total births to mothers less than 20 years old / Total births
Births to mothers below 2500g (low birth-weight births)	University of Southern California Children's Data Network (2007-2016)	Total births under 2500g / Total births
Mothers entering prenatal care late (2nd trimester or later)	University of Southern California Children's Data Network (2007-2016)	Total births to mothers entering prenatal care in the 2nd or 3rd trimester / Total births

The mapping tool presents an index score for each zip code in L.A. County. Of the indicators identified these seven were available via First 5 LA partnerships or publicly available. The index scores were calculated by generating a standard score of the population (within each zip code) for each of the seven indicators. They were then summed to create a single standard score for each zip code. Index scores range from 0-7 with higher scores indicating higher risk. Color-coded shading is used to visually represent the risk index score of a zip code, with certain shading indicating higher risk. In addition, clicking on a zip code gives the percentage of each indicator. While the risk indicators are research based and indicative of areas of high-need, which may be associated with poorer developmental outcomes, this mapping tool in itself is not a measure of the likelihood or risk of developmental or behavioral delays and disabilities within a given geographic region.

Other than zip code, the heat map provides boundaries of the Regional Center catchment areas, school districts, and Best Start Communities. Regional Center and school district boundaries were selected given the significant role they play in providing or coordinating intervention services for young children in Los Angeles County. Regional Centers provide Early Start (IDEA Part C) early intervention services for eligible infants and toddlers from birth to age three, as well as, entitlement services and supports for individuals with disabilities under the Lanterman Developmental Disabilities Act. Local Education Agencies (LEAs) provide critical school-based services and supports for children with disabilities, including special education and related services (IDEA Part B) for children ages three to twenty-one.

First 5 LA has concerted investments in 14 Best Start Communities. Best Start is First 5 LA's primary investment for engaging communities in a common vision for children and families, working to strengthen community leadership and collaboration across sectors. Many of the socio-demographic risk factors that prioritized the selection of Best Start Communities may overlap with the geographic areas that were identified as having "moderate" and "high" need, which may be associated with poorer developmental outcomes, and may be proxy indicators for areas to strengthen early identification and intervention services.