

Defining Competencies for the Early Childhood Workforce

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Abstract

Standards and competencies are critical structural supports for any professional workforce, including early childhood professionals. Workforce capacity building, career progression, and career longevity can be supported by the foundation of consistent competency expectations. Defining and embedding consistent, evidence-based competencies is a foundational step in realizing significant, sustainable improvements to infant–toddler services. Competencies can help build awareness, readiness, and capacity to change, and support exploration and adaptation in professional practice. ZERO TO THREE defined and provides competency-based education to advance effective early childhood services.

Historically, the various early childhood disciplines and the sectors within them have had different expectations for professional knowledge and competencies, rather than a single set of professional standards delineated by role; most early childhood professional standards and requirements vary according to funding streams and program type (LeMoine, 2008). Yet, professionals in these fields know providing the best services for young children and their families requires a holistic approach. Early childhood professionals play key roles in supporting and nurturing all aspects of learning and development. In the best-case scenarios, professionals partner with families; create systems of primary care; support environments that protect, engage, challenge, and nurture learning and development; and coordinate with colleagues across sectors and disciplines to provide comprehensive services (Dean, LeMoine, & Mayoral, 2016/2019).

Meeting Both Foundational and Specific Needs

ZERO TO THREE's more than 40 years of experience translating research into a range of practical tools, resources, and professional development, confirms that there are foundational core

knowledge, skills, and attitudes needed by professionals in all disciplines working with young children and their families. And evidence confirms these competencies are needed to effectively collaborate and coordinate with one another on behalf of the families they serve—core competencies for all professionals serving young children. To address this need, ZERO TO THREE published the *ZERO TO THREE Competencies for Prenatal to Age 5 (P-5) Professionals™* (P-5 Competencies; 2018).

As part of its standard-setting work, ZERO TO THREE has also helped define and describe best practices for infant–toddler teaching. Through collaborative work and targeted analysis, ZERO TO THREE identified that there was little available information about how infant and toddler educators apply foundational knowledge in a group setting, what infant–toddler teaching and learning looks like in practice, and what specific skills educators need to optimize children's learning opportunities. To address this need, the organization developed the *ZERO TO THREE Critical Competencies for Infant-Toddler Educators™* (Dean et al., 2016/2019).

Foundation of P-5 Competencies

The *P-5 Competencies* are helping to build a secure foundation across and within early childhood disciplines. The *P-5 Competencies* define the core knowledge, skills, and attitudes needed by professionals in all disciplines who work with young children and their families. The *P-5 Competencies* present a universal set of competencies necessary for all prenatal to

Competencies for Prenatal to 5 (P-5) Professionals™

P-5 1 P-5 7 P-5 8

For more information see page 4, or visit www.zerotothree.org/p-5

age 5 service providers, supervisors, and managers. The *P-5 Competencies* have a broad purpose to strengthen professional competence on shared fundamental concepts and to facilitate cross-sector partnerships and coordinated service delivery. The *P-5 Competencies* also provide a foundation for collaboration and professional development to deepen and support work within and across all five early childhood sectors (see Figure 1).

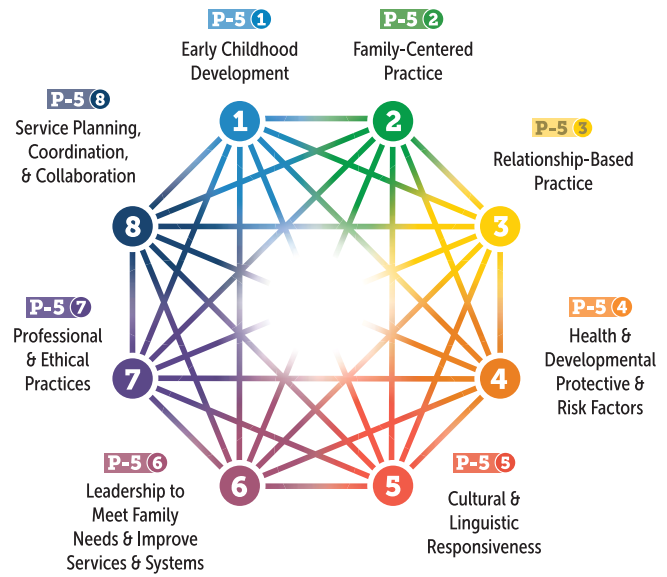
ZERO TO THREE learning experiences use a competency-based approach to build knowledge, skills, and abilities. The *P-5 Competencies* (see Figure 2) serve as the framework for all of ZERO TO THREE's professional development offerings.

The *Critical Competencies* are specialized competencies intended to provide clear, concrete descriptions of specific teacher behaviors and interactions that are known to support critical areas of development during a critical time of development, from birth to 3 years old. The specialized *Critical Competencies* build on the core knowledge and attitudes defined in the *P-5 Competencies* (see Figure 3).

The *Critical Competencies* (Dean et al., 2016/2019) model is important because:

- It specifically meets the field's identified gaps and needs, and it directly advances the call from the Institute of Medicine and National Research Council's committee report *Transforming the Workforce for Children Birth Through Age 8: A Unifying Foundation* (2015) to:
 - 1. Specifically support the infant–toddler early childhood education workforce**
 - The *Critical Competencies* are specifically for educators who work in group settings (center-based and family child care homes) with infants, toddlers, or both.
 - The *Critical Competencies* detail essential and observable skills educators can demonstrate to support optimal development and learning experiences for babies and toddlers, including examples in practice with young infants, mobile infants, and toddlers. (See Figure 4, p. 8)

Figure 2. P-5 Competency Domains



Source: ZERO TO THREE, 2018, p. 10

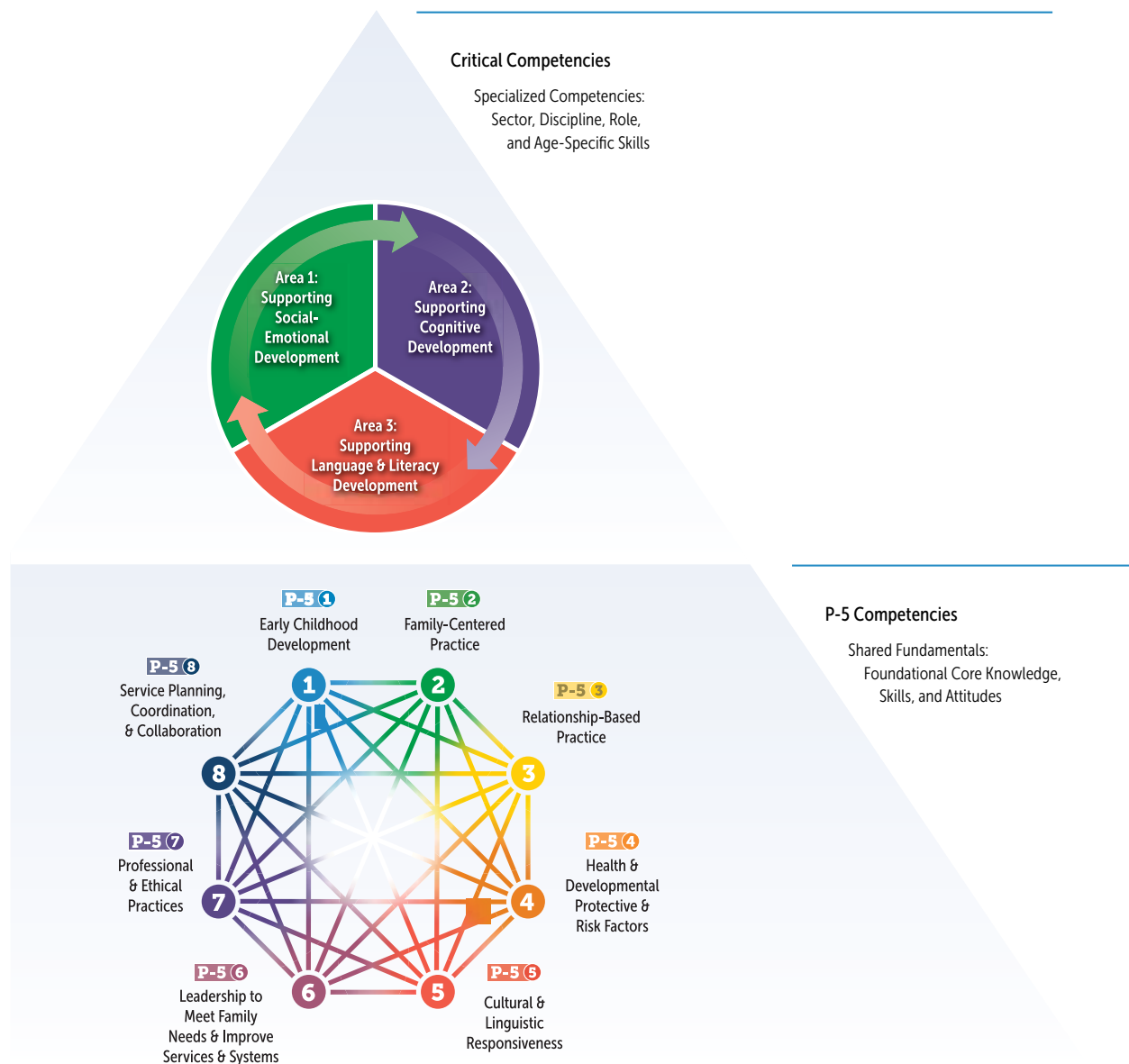
2. Develop specific and specialized competencies for this population that build on those for all of the early childhood education workforce

- The *Critical Competencies* are designed to fill an identified gap and intentionally complement related criteria.
- In partnership with key organizations, the *Critical Competencies* were cross-walked with relevant criteria in the field to give consolidated and easily understood guidance (see ZERO TO THREE, n.d. for details).
- The *Critical Competencies* also include links to the child development outcomes described in the Head Start Early Learning Outcomes Framework

Figure 1. Early Childhood Disciplines



Figure 3. Critical Competencies Build on the Foundation of the P-5 Competencies



Source: Dean, LeMoine, & Mayoral, 2016/2019, p. 9

(U.S. Department of Health and Human Services, 2015) and alignment with infant and toddler teacher observation tools

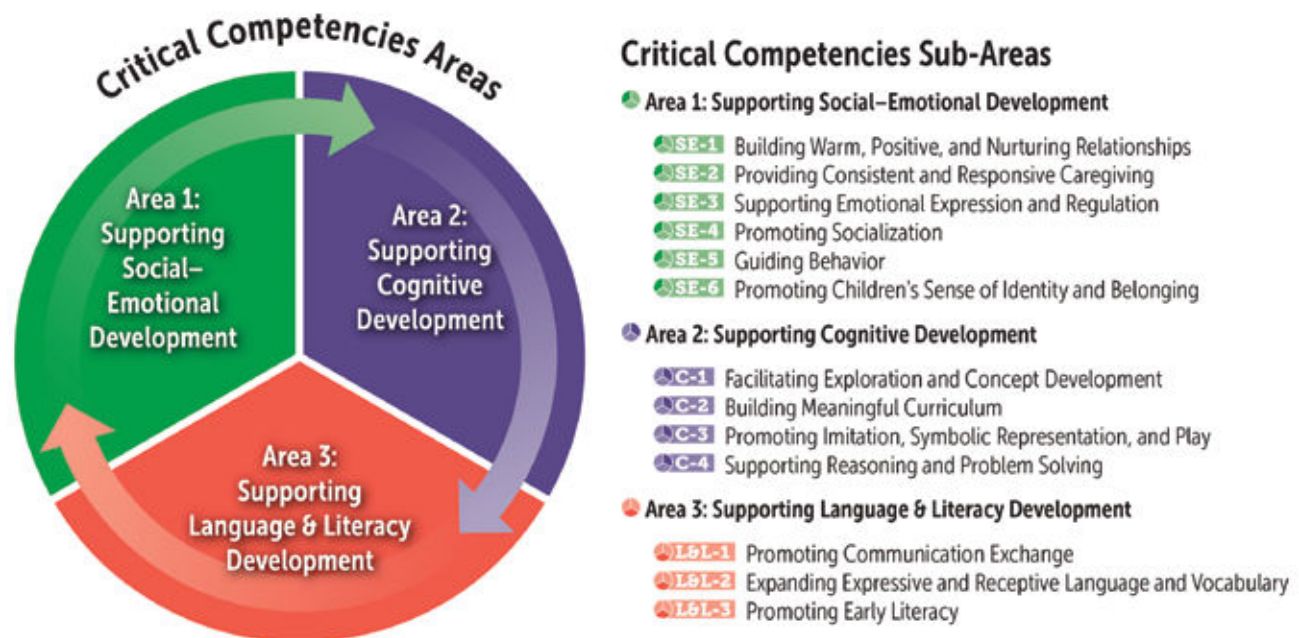
3. Ensure that competencies address the cross-cultural skills needed to work with diverse populations

- The *Critical Competencies* include specific considerations for adjusting practices to meet the individual needs of infants and toddlers from populations facing significant risk factors and for ensuring a strength-based approach to supporting multilingual learners

Using and Implementing the Critical Competencies

The updated version of the *Critical Competencies* (Dean et al., 2016/2019) emphasized that educator competencies can serve an important role for multiple stakeholders including: individual educators, collaborating professionals, program administrators, professional development (training, technical assistance, and higher education) providers and their organizations/agencies/institutions, and as a basis for professional development systems. Attainment and application of critical knowledge and skills can improve educator effectiveness.

Figure 4. Critical Competencies Areas and Sub-Areas



Source: Dean, LeMoine, & Mayoral, 2016/2019, p. 18

A central tenet of the early childhood field is the individual context at the heart of each child's development. Similarly, the individual context of early childhood professionals, programs, communities, and systems influence the potential uses of competencies and related professional development needs. To be meaningful and impactful, competencies (and truly any standards) must be used appropriately in the unique context of the individual professional, program, agency, organization, institution, community, and system.

Translating key knowledge into practice can be a daunting challenge for educators, professional development providers, and the systems that support them. To address this challenge and need, ZERO TO THREE's Professional Development and Workforce Innovations department developed a robust suite of *Critical Competencies* products and services. The suite is strategically designed for infant-toddler educators and the range of professional development trainers, faculty, coaches, and system leaders who support them.

The skills defined by *Critical Competencies* can be used by all stakeholders to build a shared understanding of what effective and specific teaching skills that support infants' and toddlers' social-emotional, cognitive, and language and literacy development look like. The *Critical Competencies* provide concrete skill statements and practice examples to help these professionals and the systems that support them successfully bridge the knowledge-to-practice process.

Table 1 provides some example uses of *Critical Competencies* and the related implementation offerings from the Critical Competencies suite of products and services, listed by stakeholder roles. The examples are intended to be illustrative, not an exhaustive list. Some of the application examples of professional development products and services may be relevant to each stakeholder, some may be applicable to multiple stakeholders, and some may be designed specifically for a single stakeholder.

To realize significant, sustainable improvements in professional practices with and on behalf of young children, system leaders must intentionally and skillfully listen to, engage with, and support those at each level of influence—system, program, and individual levels. Competencies can help frame and articulate professional needs, but the entire early childhood eco-system has to adopt and use them to realize their full potential. At ZERO TO THREE, we are working to ensure our core *P-5 Competencies* and specialized, role-specific *Critical Competencies* are useful to and impacting these multi-levels:

- supplementing and helping systems build on what they have already invested in to fill urgent needs with a long-term, embedded emphasis;
- building the capacity of professional development providers and faculty;
- helping programs to enhance planning, supports, and practices; and

Table 1. ZERO TO THREE Critical Competencies for Infant-Toddler Educators™ Uses and Implementation Supports

Stakeholders	Uses	Implementation Supports from ZERO TO THREE
Individual educators	Reflect on current practice, assess current competencies, identify areas for growth, and plan for professional development	<p>Professional Development: Designed for educators who work in home- or center-based group settings with infants and/or toddlers; provide opportunities for educators to observe, understand, and reflect on critical interactions with infants and toddlers that support and nurture their social-emotional, cognitive, and language and literacy development and learning.</p> <ul style="list-style-type: none"> • Online and In-Person Course and Micro-Courses <p>Resources and Tools:</p> <ul style="list-style-type: none"> • Competency Model eBook • Curriculum: Part of all PD offerings (e.g., participant manuals and higher education student textbooks) • Online and In-Person Course and Micro-Courses • <i>Online ZERO TO THREE Reflection Tool™: Critical Competencies</i>
Program administrators	Specify competencies for roles and job descriptions; reflect on and evaluate staff performance; frame and record professional development needs, plans, goals, and achievements	<p>Professional Development: Prepares adult educators to deliver, incorporate, or otherwise leverage <i>Critical Competencies</i> model, e-Resources, and tools into their work supporting infant-toddler educators</p> <ul style="list-style-type: none"> • Training of Trainers and Trainer Certification • Coaching Program • Faculty Institutes • Training for Facilitators of Communities of Practice <p>Resources and Tools:</p> <ul style="list-style-type: none"> • Competency Model eBook • Aggregate reports and consultation on results from the <i>Online ZERO TO THREE Reflection Tool™: Critical Competencies</i> • Curriculum: Part of all PD offerings (e.g., trainer and participant manuals, higher education student textbooks, toolkits with mixed media files and planning tools specific to adult educator roles)
Professional preparation and development (training, technical assistance, and higher education) providers	Inform and frame professional development goals, objectives, expected outcomes, and other elements of content and design; categorize and publicize opportunities	<p>Professional Development: Customized onsite and virtual technical assistance using the competency framework; supports analysis of existing workforce efforts and targeting strategic professional development priorities aligned with requirements and system goals</p> <p>Resources and Tools:</p> <ul style="list-style-type: none"> • Competency Model eBook • Aggregate reports and consultation on results from the <i>Online ZERO TO THREE Reflection Tool™: Critical Competencies</i> • License to use and adapt the <i>Critical Competencies</i>
Organizations/institutions/agencies that design or deliver professional development	Set or align professional development content; ensure aligned requirements; coordinate, categorize, and align offerings; facilitate modularized, stackable, transferable offerings and articulation agreements	
Professional development systems	Assess current offerings and identify overlaps and gaps; plan for priority needs; categorize, promote, and track opportunities; frame expectations of competency and career progression	

Source: Dean, LeMoine, & Mayoral, 2016/2019, p. 18

- supporting individuals to reflect on and positively impact their concrete and daily practices with and on behalf of young children and their families.

Learn More

ZERO TO THREE'S Professional Development and Workforce Innovations (PDWI) Department develops pioneering products and services, and it provides customized professional development and technical assistance to individuals, organizations, and agencies around the world. The PDWI Department's Expert Faculty provides research-informed, competency-based professional development that elevates the knowledge, skills, and abilities of multidisciplinary professionals serving young children and their families.

www.zerotothree.org/PDWI

ZERO TO THREE Competencies for Prenatal to Age 5 (P-5) Professionals

www.zerotothree.org/P-5Competencies

ZERO TO THREE Critical Competencies for Infant-Toddler Educators

www.zerotothree.org/CriticalCompetencies

Sarah LeMoine, MS, is senior director, Professional Development and Workforce Innovations at ZERO TO THREE. In this role, Ms. LeMoine advances ZERO TO THREE's education strategy and coordinates these efforts with international, national, and state partners. Ms. LeMoine has focused her career on early childhood professional development systems and workforce issues. She holds a master's degree in leadership and policy with extensive experience of nearly 30 years ranging from direct service work to national-level research and writing, technical assistance and training, policy analysis, advocacy, and leadership. Previously, she directed the National Center on Child Care Professional Development and Workforce Systems Initiatives at ZERO TO THREE, jointly funded by the Administration for Children and Families' Offices of Head Start and Child Care, and the National Association for the Education of Young Children's State Workforce Systems Policy, and she held leadership and technical assistance positions with the National Child Care Information Center and the Wheelock College Center for Career Development. Ms. LeMoine is proud of her service on numerous national and international advisory boards and workgroups to advance early childhood professional systems and practice.

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