

# Addressing Childhood Obesity through Implementation of a Standardized Health Curriculum



Head Start/Early Head Start Lowell

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# Head Start/Early Head Start

Federally funded program of The United States Department of Health and Human Services that **promotes** school readiness and family well-being in those eligible.

#### How do they do this?

- Early childhood education
- Health and Nutrition
- Parent Involvement Services



#### Who is Eligible?

*Children from birth to age five, and pregnant mothers who meet any of the following criteria:* 

- Living at or below the poverty line
- In foster care
- Homeless
- From a family receiving public assistance (TANF or SSI)
- Living with a disability

# Head Start/Early Head Start Lowell:

### A Snapshot



10.7% Asian12.4% Black or African American59.1% White17.0% Biracial/Multiracial

47.0% Hispanic or Latino origin

Children ages birth to five years, and pregnant mothers

Lowell Dracut Chelmsford Tewksbury Billerica Tyngsboro





Key factors impacting the health and social stability of this population:

Opioid epidemic Homelessness Financial/food insecurity Developmental delays Childhood obesity

# **Our Focus: Childhood Obesity**



#### Immediate physical health risks

HTN, cholesterol, diabetes, breathing problems, MSK problems, fatty liver, gallstones, GERD

#### Immediate mental health risks

Anxiety, depression, low self-esteem, bullying

#### **Future health risks**

Children with obesity are more likely to become adults with obesity → Obesity in adults is associated with heart disease, diabetes & cancer

## 2018 Obesity Rates in Children Ages 2-5



National average obtained from CDC Childhood Obesity Fact Sheet.

### Head Start Lowell Case Study



# **Tiger Teams:**

### An Interprofessional Approach to Improving the Head Start Program

The Tiger Teams were designed in response to a federal grant to address areas in need of improvement within the program, such as:



- Dual language learners
- Staff well being
- Family engagement
- Health promotion
- Professional development

### **Tiger Team Health Promotion Goals**

- Assess current food service practices
- Implement food service changes
- Evaluate success of food service changes.
- Pilot new health and nutrition program.

## Meet the Health Promotion Tiger Team!



### **Our Role:** Supporting the Tiger Team Goals



# Head Start/Early Head Start and Lowell Health Community Health Center as Advocates







# **SPECIAL THANKS TO:**



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## References

https://www.cdc.gov/obesity/childhood/index.html

https://www.acf.hhs.gov/ohs

Office of Head Start/Early Head Start Lowell - Program Information Report (2018).