

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% Asian

12.4% Black or African American

59.1% White

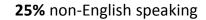
17.0% Biracial/Multiracial

47.0% Hispanic or Latino origin

71.2% living below the poverty line

Children ages birth to five years, and pregnant mothers

Lowell
Dracut
Chelmsford
Tewksbury
Billerica
Tyngsboro







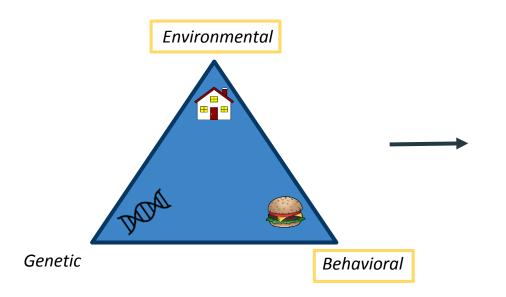
Key factors impacting the health and social stability of this population:



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

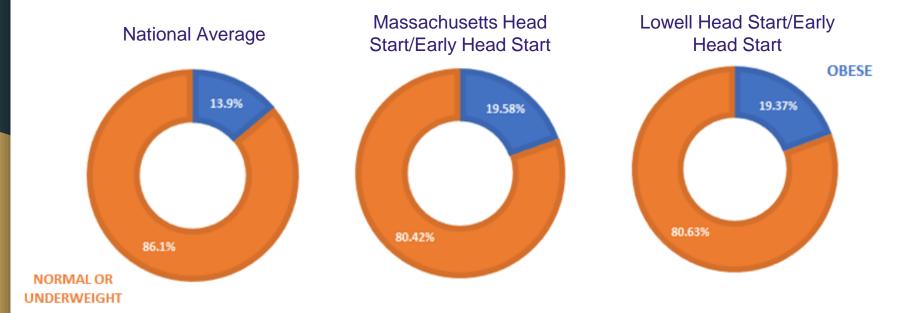
Anxiety, depression, low self-esteem, bullying

Future health risks

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

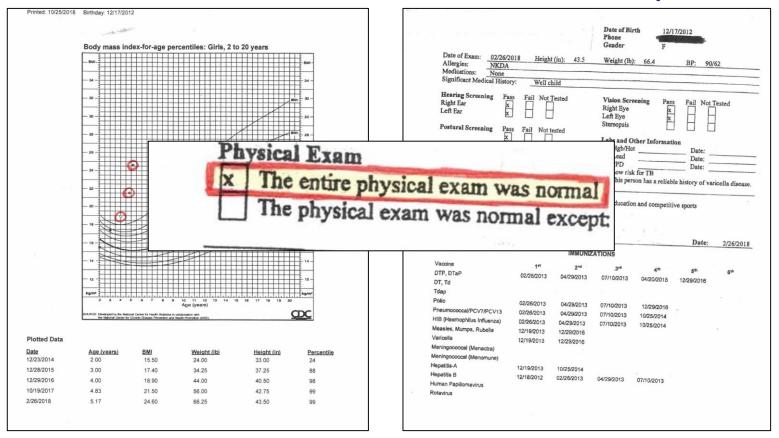
2018 Obesity Rates in Children

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:



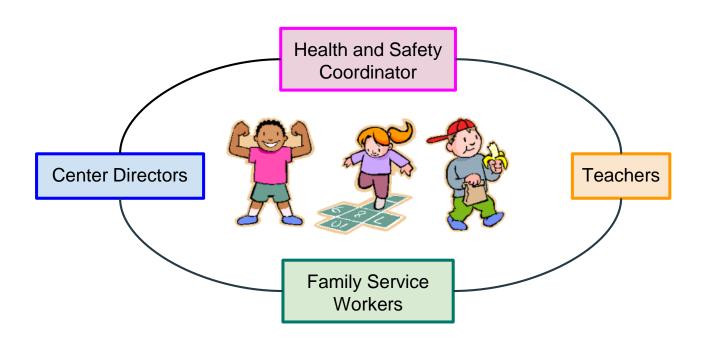
- Staff well being
- Family engagement
- Health promotion
- Professional development



Tiger Team Health Promotion Goals

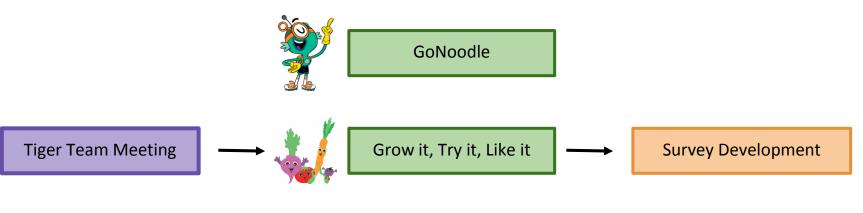
- Assess current food service practices
- Implement food service changes
- Evaluate success of food service changes.
- Pilot new health and nutrition program.

Meet the Health Promotion Tiger Team!



Our Role:

Supporting the Tiger Team Goals





Farm to Preschool

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













SPECIAL THANKS TO:



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UMass Medical School



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).