RUTGERS

New Jersey Agricultural Experiment Station

Policy, Systems and Environmental Change in New Jersey

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ShapingNJ: "Making the Healthy Choice the Easy Choice"

- 2007: (Pre-ShapingNJ) New Jersey Department of Health establishes the Office of Nutrition and Fitness
- 2008-2013: Initial NPAO grant from CDC
- Mandate:
 - Form an infrastructure to create PSE changes in 5 settings that will increase access to healthy food and increase opportunities to be physically active
 - Health Care
 - Early Care and Education Centers
 - Communities
 - Schools
 - Workplace
 - (Faith-based added after 2013)



ShapingNJ Structure and Organization

- Leadership team: Executive and Sustainability Committee
 - Charged with partnership development and sustainability
 - Data and surveillance
 - Advocacy
- Partners
- Workgroups
 - 1st round: based on 6 obesity prevention behaviors
 - 2nd round: based on 5 settings



Role of Extension

- Community knowledge
- Leadership
- Covers the state
- Participation in workgroups
- Partnership network



ShapingNJ Obesity Prevention Strategies

- 10 Obesity Prevention Strategies (Samples)
 - Workplace: Disseminate model worksite wellness policies and programs to the business community
 - Communities: Put fruits, vegetables and other healthy foods and beverages within easy reach for all residents in all neighborhoods
 - Schools: Involve all students in high-quality physical education programs and additional physical activity throughout the school day



Health Care and Child Care

- Health Care: Promote exclusive breastfeeding through proven policies and practices
 - Adopt policies and practices that comply with the World Health Organization's "Ten Steps for Successful Breastfeeding"
- Child Care: Require child care centers and after-school programs to offer healthy food and beverages, provide opportunities for physical activity, limit television viewing and support breastfeeding for children in their care.



Outputs

- Website
 - Toolkits
 - Reports and data sheets
 - News/events
 - Funding opportunities
 - Research



- EPIC Curriculum *BEST* for New Jersey: *Breastfeeding Education Support & Training* for 129 clinical and administrative personnel in pediatrics, obstetrics, and family medicine practices
- Technical assistance and training on nutrition, physical activity and TV viewing to 105 child care centers







Outcomes: Health Care PSE Changes

- Health Care:
 - From 0 hospitals -> 6 designated Baby-Friendly (PSE outcome)
 - 18 more "on the path"
 - Input into and eventual adoption of amendments to the NJ maternity hospital licensing regulations (PSE outcome)
 - 11% increase in exclusive breastfeeding rates following years of decreases (Behavioral outcome)



Outcomes: Child Care PSE Changes

- Child Care
 - Revised licensing requirements in order for programs to meet or exceed best practice standards for nutrition, PA and breastfeeding (PSE outcome)
 - >60% offered more training and education for staff and parents
 - >50% strengthened or enforced their policies around healthy eating and play time
 - NJ selected to participate in Nemours Foundation Early Learning Collaborative Project (PSE outcome)



Other Settings

- Schools have implemented PSE changes in their nutrition and physical activity environments
- Municipalities have promoted walking and biking by improving street-scale design and pedestrian safety
- Farmers Markets have opened up in food deserts
- Healthy Corner Store initiatives funded refrigeration units, signage, incentives to sell healthier foods
- WIC-authorized vendors (~900) were trained on the business case for healthy retail to increase access to healthy food



Sustainability

- 230+ partners
- Multiple funding streams
- Healthy Community Grants increased from 10 to 45
 - Grantees received \$10K to \$12K
 - Must implement one nutrition and one PA ShapingNJ strategy
 - Technical assistance provided through innovative social media component in addition to in-person learning collaboratives
- NJDOH reorganized and integrated ONF into Office of Chronic Disease Prevention
- Common messaging and co-branding
- Social media presence



Healthy Beginnings NJ: Supporting Breastfeeding Moms and Babies

- NJ Hospital Association receives 4 years of CDC funding to sustain efforts supporting hospitals to achieve Baby-Friendly status
- Holds annual summits
- Adds additional staff
- Develops curriculum for coaching hospitals
- Develops technical assistance guide
- Launches website



Metrics: ShapingNJ Healthy Communities Grant Outcomes (30 grantees in 2015)

HEALTHY NUTRITION: ACTIVE LIVING: 80% of grantees improved 74% of grantees improved • • environments environments 60% of grantees improved policies 52% of grantees improved policies 0 \bullet 13 healthy corner store initiatives 13 active transportation installations 11 healthy food policies/programs 12 physical activity space developments 11 point of purchase modifications 9 organizational policies 9 community/school gardens 7 park improvements 8 farmers market efforts 7 Complete Street policy/design changes 3 audits of the food environment 3 Safe Routes to School efforts

Source: Center for Research and Evaluation on Education and Human Services (CREEHS) at Montclair State University 2015 *ShapingNJ* Healthy Communities Grant Project Report of Findings. April 2016. Retrieved from http://www.nj.gov/health/fhs/shapingnj/documents/reports/2015-ShapingNJ-HCG-Project-Eval/2015%20NJHCNG%20Rep%20of%20Findings_FINAL.pdf



Qualitative Evaluations

- Grants made it easier for residents to eat healthfully and live actively in their community
- Some succeeded in shifting individual projects to more comprehensive, community efforts
- "Small wins" make progress toward community change by gaining community buy-in and additional partners, projects and resources.

Source: Center for Research and Evaluation on Education and Human Services (CREEHS) at Montclair State University 2015 *ShapingNJ* Healthy Communities Grant Project Report of Findings. April 2016. Retrieved from <u>http://www.nj.gov/health/fhs/shapingnj/documents/reports/2015-ShapingNJ-HCG-Project-</u> <u>Eval/2015%20NJHCNG%20Rep%20of%20Findings_FINAL.pdf</u>



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