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SUCCESSFUL OUTCOMES AND LESSONS LEARNED IN ADDRESSING TYPE 2 DIABETES AMONG AGRICULTURAL WORKERS DURING A PANDEMIC

OCEANA HEALTH BOUND COALITION - DIABETES TASK FORCE

PRESENTED BY: CATALINA BURILLO & NAOMI HYSO

MARCH 28TH, 2022

2022 MIDWEST STREAM FORUM FOR AGRICULTURAL WORKER HEALTH

SHERATON AUSTIN HOTEL AT THE CAPITOL, AUSTIN, TEXAS
Trinity Health’s 22-state diversified system today

$17.6B
In Revenue

1.3M
Attributed Lives

$1.1B
Community Benefit Ministry

133K
Colleagues

7.5K
Employed Physicians & Clinicians

25.6K
Affiliated Physicians

94
Hospitals* in 22 states

23
Clinically Integrated Networks

13
PACE Programs

109
Continuing Care Locations

*Owned, managed or in JOAs or JVs.
Michigan State University Extension

A statewide educational network that applies research and knowledge of the land grant university to individuals and communities.

Health and Nutrition Institute

Health Team (Health Educator)

Workshops

Dining with Diabetes (Comiendo bien con la diabetes) In-person/virtual self-paced

Diabetes PATH (Personal Action Towards Health) Taller de Manejo Persona de la Diabetes in-person/virtual

National Diabetes Prevention Program (Programa Nacional de Prevención de la Diabetes) - virtual distance learning only
SNAPSHOT
OCEANA COUNTY, MICHIGAN

Oceana top three areas of agriculture production (by volume of sales):

- Fruits, tree nuts, and berries
- Vegetables, melons, potatoes, and sweet potatoes
- Hogs and pigs

Census at a Glance:

- Population: 26,027
- Race:
  - White non-hispanic 82.1%
  - Black 0.6%
  - American Indian 1.6%
  - Hispanic/Latino 14.8% (state average: 5.0%)
- Percentage of Spanish-speakers: 11% (state average: 8.9%)
DIABETES PATH IN SPANISH

Partners / Supporters:
**PRESCRIPTION FOR HEALTH (RX FOR HEALTH)**

**KEY PARTNERS:**
Health department, hospital systems, physician partners, FQHC, Cooperative Extension, fitness centers, migrant clinic, migrant council, senior center, teen health center (servicing clients 18-21)

Online registration

Bi-directional referrals
RX FOR HEALTH PRE-SURVEY DATA

- **Participants referred**: 60
- **Reasons for not purchasing fruits & veggies**: too expensive (73%)
- **Sometimes have trouble getting fruits & veggies**: 82%
- **# of cups of fruit per day**
  - None = 30%
  - 1 = 55%
  - 2+ = 15%
- **# of cups of veggies per day**
  - None = 7%
  - 1 = 73%
  - 2+ = 22%
Funding and Quarterly Reporting Requirements

- # of participants referred into the program
- # and amount of vouchers distributed
- # and amount of vouchers redeemed
- # of nutrition education sessions
- # of participants per nutrition education session
- Pre and post survey data
- Barriers and success stories
- Financial status reports
<table>
<thead>
<tr>
<th>Health Education sessions generating most interest:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Nutrition</td>
<td>48%</td>
</tr>
<tr>
<td>Evidence-based Exercise Programming</td>
<td>47%</td>
</tr>
<tr>
<td>Master Gardener</td>
<td>47%</td>
</tr>
<tr>
<td>Food Preservation</td>
<td>42%</td>
</tr>
<tr>
<td>Cooking Classes</td>
<td>38%</td>
</tr>
<tr>
<td>Chronic Pain Self Management</td>
<td>28%</td>
</tr>
<tr>
<td>Diabetes Self Management</td>
<td>18%</td>
</tr>
<tr>
<td>National Diabetes Prevention</td>
<td>13%</td>
</tr>
<tr>
<td>Chronic Disease Self Management</td>
<td>12%</td>
</tr>
</tbody>
</table>
QUESTIONS
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FINGERS TO DIABETES VIDEO

https://vimeo.com/86386186