

DEVELOPING A COMMUNITY WIDE MODEL FOR TYPE 2 DIABETICS IN RURAL AREAS

OCEANA HEALTH BOUND COALITION - DIABETES TASK FORCE

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SEPTEMBER 12TH, 2018

2018 MIDWEST STREAM FORUM FOR AGRICULTURAL WORKER HEALTH

HARRAH'S NEW ORLEANS HOTEL, NEW ORLEANS, LOUISIANA

MICHIGAN STATE
UNIVERSITY

Extension

HEALTH PROJECT

A COMMUNITY BENEFIT MINISTRY OF  MERCY HEALTH

 **Oceana
health
bound**
Connecting Health & Wellness for All

ICEBREAKER

What's In Your Drink?



- 1) Using your cell phone, go to: kahoot.it
- 2) Enter game pin
- 3) Enter name (individual or team)

**STOP. RETHINK YOUR DRINK.
GO ON GREEN.**



The graphic shows a vertical traffic light with three circular lights. The top light is red, the middle is yellow, and the bottom is green. The traffic light is mounted on a grey pole.

Red - Drink Rarely, If At All

- Regular sodas
- Energy or sports drinks
- Fruit drinks



Yellow - Drink Occasionally

- Diet soda
- Low-calorie, low-sugar drinks
- 100% juice



Green - Drink Plenty

- Water
- Seltzer water
- Skim or 1% milk



BOSTON PUBLIC HEALTH COMMISSION



Farmworker Health

- According to (Connor et al. 2010), a **quarter** of all farmworker medical encounters at health centers were for the treatment of **chronic diseases**.
- Documented prevalence rates indicate a combined type 1 and 2 diabetes prevalence rate of **7.8%** among MSAWs (Boggess and Ochoa- Bogue 2014).
- The **primary drivers** for cardiovascular disease in the MSAW population include type 2 diabetes, cigarette smoking, obesity, and high cholesterol (Hunt et al. 2003; Kanna et al. 2008; Carroll et al. 2005).

Michigan Agriculture

Food and agriculture sector is the state's second largest industry.

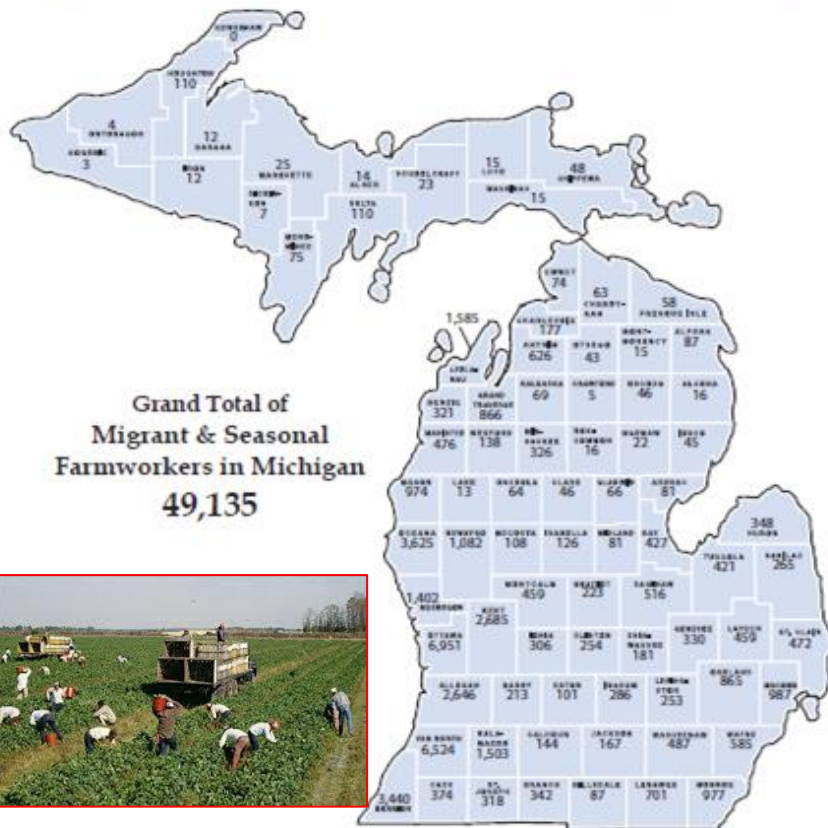
Over 101 billion impact on state's economy.

Michigan is the second most agriculturally diverse state in the nation.

#1 nationwide in the production of 18 commodities, including blueberries, tart cherries, Niagara grapes, cucumber for pickles, and some varieties of flowering plants.



Map One: Michigan Estimates For MSFW Workers Only by County



NOTE: The grand total includes reforestation workers statewide = 625.

Source: MI-MSFW Enumeration Profiles Study, June 2013.

Map Two: Michigan Estimates For MSFW Workers & Nonworkers by County



NOTE: The grand total includes reforestation workers and nonworkers statewide = 1,200.

Source: MI-MSFW Enumeration Profiles Study, June 2013.



SNAPSHOT OCEANA COUNTY, MICHIGAN

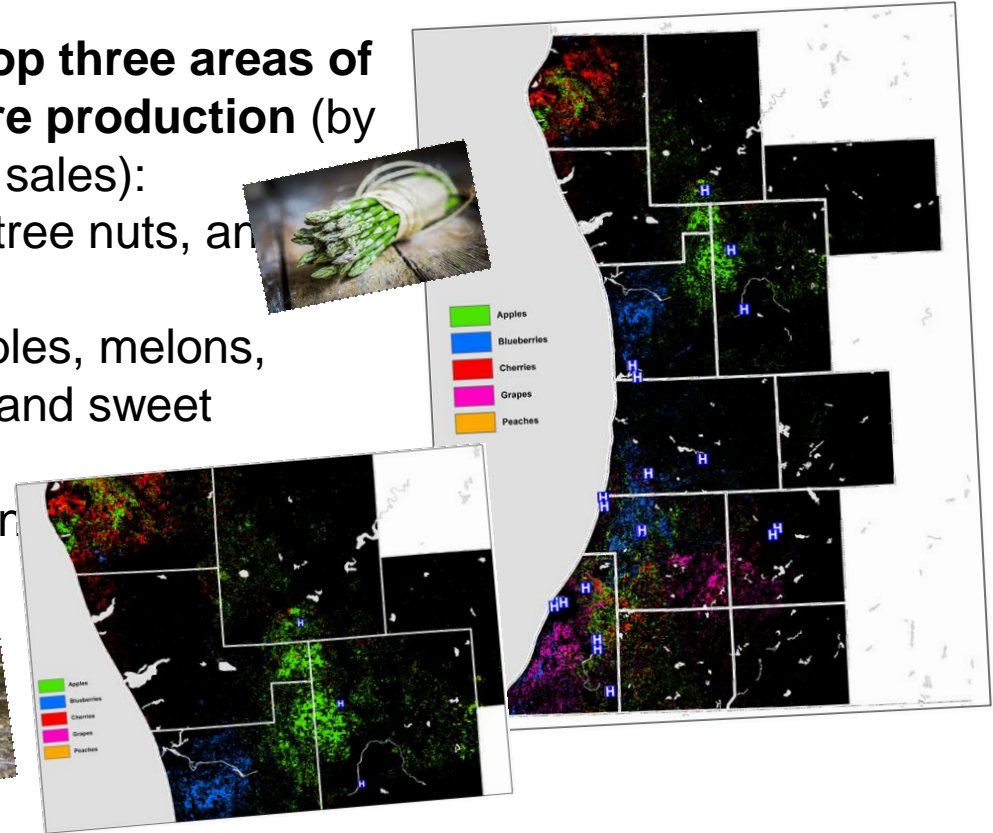
Oceana top three areas of agriculture production (by volume of sales):

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



Census at a Glance:


- ❑ Population: 26,442
- ❑ Race:
 - White non-hispanic 81.8%
 - Black 1.1%
 - American Indian 1.6%
 - Hispanic/Latino 14.9%
(state average: 4.8%)
- ❑ Percentage of Spanish-speakers: 11%
(state average: 8.9%)



Social Determinants of Health:



HISPANIC HEALTH IN THE U.S.

1 out of 6



Hispanics have diabetes, but new research reveals Mexican families have a heightened risk compared to South Americans or Cubans.

Children from Puerto Rico or Dominican Republic are at higher risk for asthma than a child from El Salvador.

Hispanics are at higher risk for type 2 diabetes than non-Hispanic Caucasians.

Source: diabetes.org

- ❑ Social & Physical Environment (housing, social cohesion, transportation, political influence, air/water quality)



- ❑ Social inequality (race, ethnicity, language)
- ❑ Economic factors (income, employment, wealth)

Differences in the 10 leading causes of death, NON-HISPANIC WHITES vs HISPANICS

Non-Hispanic Whites	Hispanics
1 Heart Disease	1 Cancer
2 Cancer	2 Heart Disease
3 Chronic Lower Respiratory Diseases	3 Unintentional Injuries
4 Unintentional Injuries	4 Stroke
5 Stroke	5 Diabetes
6 Alzheimer's Disease	6 Chronic Liver Disease & Cirrhosis
7 Diabetes	7 Chronic Lower Respiratory Diseases
8 Influenza & Pneumonia	8 Alzheimer's Disease
9 Suicide	9 Influenza & Pneumonia
10 Kidney Diseases*	10 Kidney Diseases*

*Types of kidney diseases–Nephritis, Nephrotic Syndrome & Nephrosis

SOURCES: Vital Statistics Cooperative Program, Mortality Data Files, 2013.

- ❑ Individual health behaviors (smoking, alcohol, drug abuse)

Health Disparities by race and ethnicity

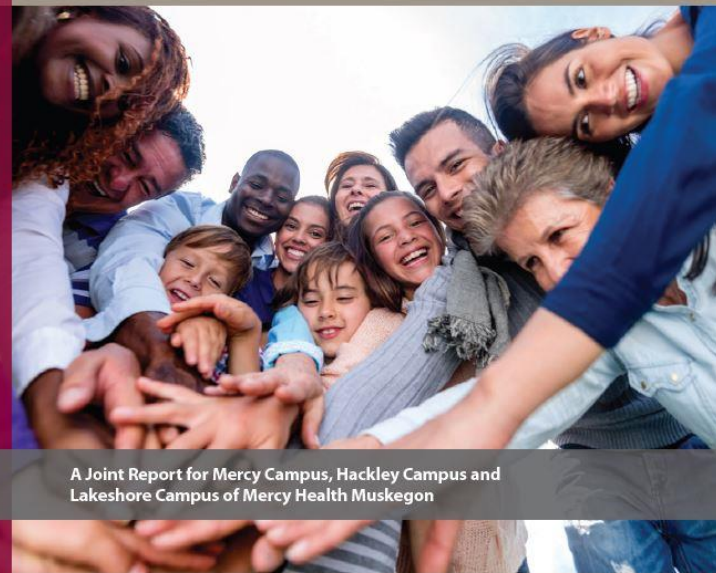


Community Health Needs Assessment

A Snapshot of the disparities in Muskegon, Oceana and Newaygo Counties

Pathways to Community Health

2016 Community Health Needs Assessment for Muskegon, Oceana and Newaygo Counties



A Joint Report for Mercy Campus, Hackley Campus and Lakeshore Campus of Mercy Health Muskegon

Prepared by the Health Project, A Community Benefit Ministry of Mercy Health www.rndp.org

HEALTH PROJECT
A COMMUNITY BENEFIT MINISTRY OF MERCY HEALTH

MERCY HEALTH

Looking Back at the 2013 Community Health Needs Assessment: Progress Review

The expanded 2013 *Community Health Needs Assessment* (CHNA) included Muskegon, Oceana and Newaygo Counties, which comprise the service area of Mercy Health Muskegon. The health needs and concerns identified by the CHNA process included identifying ten key issues in Muskegon County and the combined Oceana/Newaygo Counties. Of all the issues identified in 2013, the following were the leading health concerns ranked by community stakeholder groups:

MUSKEGON COUNTY

- 1 Obesity
- 2 Diabetes
- 3 High blood pressure
- 4 Depression
- 5 Sexually transmitted diseases and teen pregnancy
- 6 Access to dental care
- 7 Need for preventive care
- 8 Nutrition education/access to healthy food
- 9 Need for health coverage
- 10 Smoking

OCEANA/NEWAYGO COUNTIES

- 1 Diabetes and preventive care
- 2 Obesity, high blood pressure and need for community care coordination
- 3 Better patient-provider communication
- 4 Transportation
- 5 Cardiovascular disease
- 6 Lack of dental care
- 7 Teen pregnancy and lack of specialty care and testing
- 8 Lack of primary care physicians
- 9 Need for after-hours urgent care
- 10 Depression

Although health issues were not ranked in 2009, a few health issues repeated from the 2009 CHNA: lack of health insurance, lack of dental care, depression, diabetes, teen pregnancy, high blood pressure/cardiovascular disease and obesity. On these issues, notable trends in all three counties from 2009 to 2015 are:

- **Significant progress** — health coverage, obesity and cardiovascular disease (Oceana County)
- **Modest progress** — teen pregnancy
- **No change** — diabetes
- **Rates rose** — low birth weight babies, overweight and cardiovascular disease (Muskegon and Newaygo Counties).

CHNA Leading Health Conditions: Changes from 2013–2015

We have seen good improvements in health coverage in Muskegon County since 2013, but the rates of uninsured have climbed slightly in Newaygo and significantly in Oceana. Depression remains an area of concern, especially in Muskegon County where the reported rate increased significantly since 2013. Teen pregnancy declined in Muskegon and Oceana Counties, but increased in Newaygo County, which also saw an increase in reported cases of chlamydia. There have been some gains in the fight against obesity, especially in Oceana County, which may suggest that many may have dropped into the *overweight* data category, which has generally increased.

2013 CHNA Data

Leading Health Care Issues/Concerns (2016)

Leading Health Care Issues/Concerns:

Oceana/Newaygo Counties

TOP FIVE

- 1 Access to specialty care
- 2 Access to primary care
- 3 Cardiovascular disease
- 4 Hypertension
- 5 Diabetes

SECONDARY FIVE

- 6 Health coverage
- 7 Cancer
- 8 Access to urgent care
- 9 Access to medication
- 10 Patient/provider communication

Additional Concerns

Although not ranked in the top ten health issues for the health system in the community input process, a variety of attendant concerns uniformly surfaced throughout the tri-county area as well. It may be that as our community addresses and progresses with some highly ranked issues from the 2013 CHNA, other health concerns rise to the top ranks for 2016. Obesity, smoking, language services, access to healthy foods, dental care and teen pregnancy may be examples. As reflected in our low ranking in the University of Wisconsin 2015 County Health Rankings, this does not imply that these issues are no longer health concerns in our community.

Appendix 4: Health Disparities Report Card

Indicators for Oceana County

Health Disparities & Access to Care

Indicators	Michigan Total	County Total	African American ⁽¹⁾	Hispanic ⁽²⁾	White ⁽²⁾	Source
Oceana						
Population	9,888,640	26,570	108	3,629	22,337	2010 Census
Health Indicators						
Premature Death: years of potential life lost before age 75 per 100,000 population (age adjusted)	7,273	8182	NA by race/ethnicity	NA by race/ethnicity	NA by race/ethnicity	2012 UW County Health Rankings
Infant Mortality: ratio of infant deaths per 1,000 live births in specified group	7.5	5.2	NA by race	NA by race	4.9	MDCH, 2009
Low Birthweight: ratio of low weight babies (5.5 lbs) per 1000 live births	84.4 (2010)	85.2 (2010)	N= too small	N= too small	81.8 (2009)	MDCH
Poor Mental Health Days: % poor mental health days on at least 14 days in the past month	10.70%	12.30%	NA by race/ethnicity	NA by race/ethnicity	NA by race/ethnicity	MIBRFS, 2010
Poor Physical Health Days: % reporting poor physical health on at least 14 days in the past month	108%	14.3%	NA by race/ethnicity	NA by race/ethnicity	NA by race/ethnicity	MIBRFS, 2010
Diabetes: proportion of adults with diabetes	9.5%	12.70%	NA by race/ethnicity	NA by race/ethnicity	NA by race/ethnicity	MIBRFS, 2010
STD ⁽³⁾ : # of reported cases of Chlamydia in 2010	NA	55	N = too small	N = too small	45	MDCH, 2012
STD ⁽³⁾ : rate p/100K identified cases of Chlamydia in 2010	457 ⁽⁴⁾	207	N = too small	N = too small	173.8	MDCH, 2012
Preventable Hospital Stays: rate for ambulatory-care conditions p/1000 Medicare enrollees	74	69	NA by race	NA by race	NA by race	2012 UW County Health Rankings
Teenage Mothers: Teen birth ratio per 1000 live births in specified groups	100.9	120.9	N= too small	N= too small	128.9	MDCH, 2010
Adults and Children Served at CMH: number of patients served at CMH	NA	2300	85	91	2009	CMH, 2010
Social Determinants of Health						
No Health Care Coverage: Percent report no healthcare coverage among those aged 18-64	11.7%	14.4%	N= too small	36.3%	11.2%	ACS ⁽⁵⁾ , 2008- 2010
Unemployment: % of population age 16+ unemployment seeking work	13%	9.3%	N= too small	N= too small	9.7%	ACS, 2008- 2010
Household Income: Median Household income in the past 12 months	\$46,861	\$39,043	N= too small	\$27,031	\$39,346	ACS, 2008- 2010
Poverty ⁽⁶⁾ : % of households whose income in the past 12 Months below poverty level	15.7%	19%	N= too small	50.5%	14.2%	ACS, 2008- 2010
Single Parent Households ⁽⁷⁾ : % of male/female householder with no spouse present and children under 18	6.5% (08-10)	5% (08-10)	6.6% (07-09)	4.3% (07-09)	3.4% (08-10)	ACS, 2008- 2010
Michigan High School Graduation Rate ⁽⁸⁾ : High School Graduate for all public schools in the state of Michigan	74%	85 ⁽⁹⁾	57%	63%	80%	See footnote #8
Household Receipt of Food Stamps: with cash public assistance or food stamps/ SNAP	550,975	1409	N= too small	N = too small	1,264	ACS, 2008- 2010

⁽¹⁾ Data Based on most recently published data available including 2010 Census (ACS, 3 year moving average) and BRFS (including MDCH Reports using 3 year moving averages) unless otherwise noted)

⁽²⁾ Muskegon and Ocean race represented by definitions on U.S. Census

⁽³⁾ Data not available by ethnicity. Hispanics are included as "other" classification

⁽⁴⁾ Michigan Disease Surveillance System, MDCH, Data retrieved 5/25/12

⁽⁵⁾ STD reporting more consistent in public health sector. Data may not accurately represent disparity as private providers may not be reporting to MDCH.

⁽⁶⁾ ACS means American Community Survey

⁽⁷⁾ Percent of Population Segment

⁽⁸⁾ Center for Educational Performance and Information, Fall '05 - Fall '11. Local rates not available by race/ethnicity

⁽⁹⁾ 2012 UW County Health Rankings

Ranking and Prioritizing the findings



Oceana and Newaygo County Health System Rankings

Two ranking sessions were held in Oceana County that included health and human service providers serving the resident and migrant communities in Oceana and Newaygo Counties. The top five and secondary five issues selected for the health system to take the lead role on for Oceana and Newaygo Counties are as follows:

Health System Rankings: Oceana/Newaygo Counties

TOP FIVE

- 1 Access to specialty care
- 2 Access to primary care
- 3 Cardiovascular disease
- 4 Hypertension
- 5 Diabetes

SECONDARY FIVE

- 6 Health coverage
- 7 Cancer
- 8 Access to urgent care
- 9 Access to medication
- 10 Patient/provider communication

Health Issue Rankings for Public Health and Community Sectors

Public Health Sector

The top five issues selected for public health to take the lead role on are:

Health Issue Rankings: Public Health Sector

MUSKOGON COUNTY

- 1 Teen pregnancy
- 2 Overweight
- 3 Lack of mental health providers
- 4 Low birth weight babies
- 5 Women's reproductive health

OCEANA/NEWAYGO COUNTIES

- 1 Obesity/overweight
- 2 Teen pregnancy
- 3 Health care coverage; STDs/chlamydia (list)
- 4 Low birth weight babies
- 5 Depression/anxiety

Community Sector

The top five issues selected for the community to take the lead role on are:

Health Issue Rankings: Community Sector

MUSKOGON COUNTY

- 1 Transportation
- 2 Depression and social isolation
- 3 Access to healthy food
- 4 Physical fitness
- 5 Senior isolation

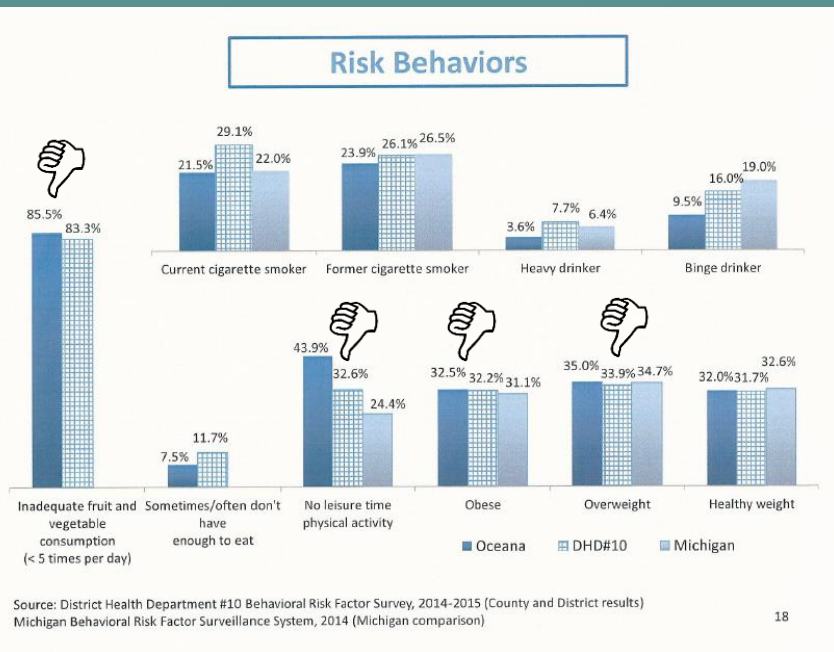
OCEANA/NEWAYGO COUNTIES

- 1 Obesity/overweight
- 2 Binge drinking, youth and adults over 65
- 3 Depression/anxiety
- 4 Teen pregnancy
- 5 Transportation

Health Data (2016)

Indicator	Muskegon County	Oceana County	Newaygo County	Michigan	United States	Source		
Diabetes						Michigan Department of Health and Human Services, 2016 (M- only)		
Incidence per 1,000	11.1	10.3	11.1	30	6.3	Centers for Disease Control and Prevention, 2012 & 2014		
Cardiovascular Disease						Centers for Disease Control and Prevention, 2013 (U.S. only)		
Ever Told Angina or Coronary Heart Disease	4.70%	1.80%	4.20%	5.02%	11.30%	Michigan Behavior Risk Factor Survey, 2012		
Asthma						Centers for Disease Control and Prevention, 2013 (U.S. only)		
Current Asthma Prevalence (18+)	16.70%	5.40%	17.00%	15.10%	7%	Michigan Behavior Risk Factor Survey, 2012		
Teen Pregnancy						Michigan Department of Health and Human Services, 2013 (M- only)		
Rate per 1,000 live births	59.4	57.8	70.3	38.2	26.5	U.S. Department of Health and Human Services, 2013 (U.S. only)		
Low Birth Weight						University of Wisconsin Community Health Rankings, 2016		
Low Birth Weight babies (i.e. 5 lbs) per 100 live births	6.6	6.3	6.6	8.3		University of Wisconsin Community Health Rankings, 2016		
Vaccination								
Flu Vaccination Annual	77.40%	72.20%	72.20%	66.20%	NA	Michigan Behavior Risk Factor Survey, 2012		
STD								
Gonorrhea: New Cases	202	0	0	NA	NA	Centers for Disease Control and Prevention, 2011		
Chlamydia: New Cases	1194	64	117	NA	NA	University of Wisconsin Community Health Rankings, 2014		
HIV/AIDS						Michigan Department of Health and Human Services, 2014		
Prevalence	160	NA	NA	18,800	1,200,000	Centers for Disease Control and Prevention, 2014 (U.S. only)		
Cancer								
Annual Deaths from All Cancers/100K of Population	109.9	160.8	200.2	NA	NA	National Vital Statistics System, 2011		
Injury								
Deaths from Unintentional Injury/100K of population	46.7	32.7	48.6	NA	NA	National Vital Statistics System, 2011		
Alcohol Use								
Binge Drinking in the past month (18+)	21.70%	21.60%	1.7%	17.70%		Michigan Behavior Risk Factor Survey, 2012		
Excessive Drinking in the past month (18+)	23.00%	22.20%	1.9%	18.90%		Michigan Behavior Risk Factor Survey, 2012		
Obesity								
Obese (BMI >30)	35.50%	35%	35.20%			University of Wisconsin Community Health Rankings, 2014		
Overweight (BMI 25-29)	34.60%	23.70%	30%	34.35%		Michigan Behavior Risk Factor Survey, 2012		
Mental Health								
2013 Consumer Health Issues Survey: Respondents Reporting Mental Health Issues from 2013 Consumer Health Issues Survey								
Diagnosis	# Muskegon Responses	% of Total Muskegon Responses	# Oceana Responses	% of Total Oceana Responses	# Newaygo Responses	% of Total Newaygo Responses	# Total Responses	% of Total Responses
Schizophrenia	46	2.05%	2	0.72%	9	8.82%	60	2.40%
Depression	690	31.18%	139	50.36%	33	32.35%	871	35.40%
Anxiety	385	17.17%	146	52.90%	8	7.84%	739	30.00%
Bi-Polar Disorder	210	9.50%	30	10.90%	16	15.68%	259	10.51%
AGWD	260	12.00%	57	20.65%	14	13.73%	340	13.80%
Autism	45	2.00%	10	3.62%	8	7.84%	63	2.58%
Intellectual and Developmental Disabilities	49	2.19%	7	2.54%	4	3.92%	60	2.40%
Substance Abuse	138	6.16%	16	5.80%	6	5.88%	160	6.40%
PTSD	84	3.75%	24	8.70%	12	11.76%	120	4.87%
Other Mental Health Disorder	66	2.94%	23	8.34%	4	3.92%	93	3.78%

Oceana Health Status



Oceana County Community Health Needs Assessment Summary

Health Issues:
 Access to care
 Chronic diseases
 Health disparities
 Healthy lifestyles
 Maternal/child health
 Mental health
 Substance abuse
 Tobacco use



Access to Care
 Chronic Disease
 Healthy Lifestyle

Overweight and obese	No leisure time physical activity	Diabetes, adults	Primary Care Physicians	<5 fruits and vegetables/day
67.5%	43.9%	14.8%	1,870:1	85.5%

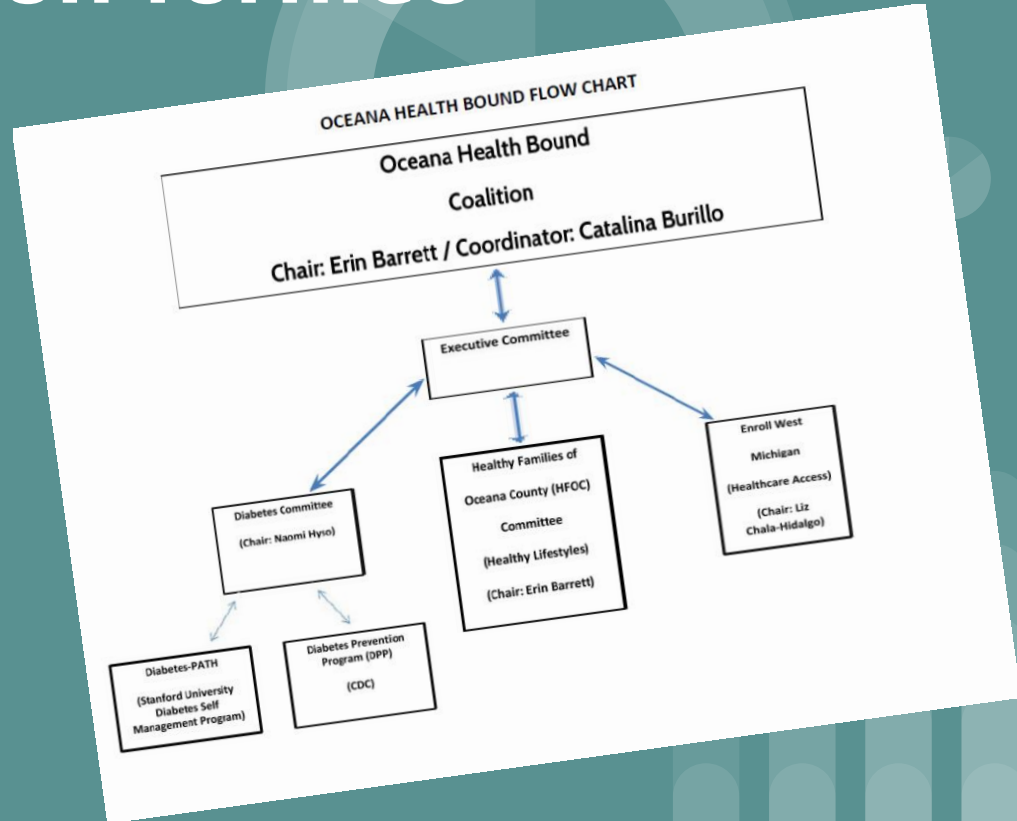
What Matters to You? Community Member Survey Results

Top factors that define a healthy community!	<ul style="list-style-type: none"> Access to health care, including primary care, specialty care, behavioral health, or dental care Access to affordable, healthy food Good jobs and healthy economy 			
Top health problems in your community!	<ul style="list-style-type: none"> Substance abuse (alcohol, illegal drugs, prescription drugs) Overweight and obesity Mental health issues 			
Problems family members have getting health care services?	<table border="0"> <tr> <td> Adults: <ul style="list-style-type: none"> Health insurance has high deductibles/co-pays Cannot afford visits to doctor, dentist, clinic, and/or hospital Health insurance coverage is limited </td> <td> Older Adults: <ul style="list-style-type: none"> Health insurance has high deductibles/co-pays Health insurance coverage is limited Health insurance does not cover dental services </td> <td> Children: <ul style="list-style-type: none"> Health insurance has high deductibles/co-pays Health insurance coverage is limited ER waiting time </td> </tr> </table>	Adults: <ul style="list-style-type: none"> Health insurance has high deductibles/co-pays Cannot afford visits to doctor, dentist, clinic, and/or hospital Health insurance coverage is limited 	Older Adults: <ul style="list-style-type: none"> Health insurance has high deductibles/co-pays Health insurance coverage is limited Health insurance does not cover dental services 	Children: <ul style="list-style-type: none"> Health insurance has high deductibles/co-pays Health insurance coverage is limited ER waiting time
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- Collaborate to unite resources for community
- Develop and promote mind and body wellness
- Enhance the wellbeing of families
- Build opportunities to connect community to resources
- Increase transportation options to community resources
- Connect community to housing resources and advocate growth
- Create employment opportunities for all abilities and increase workforce readiness
- Create activity for healthy lifestyles

Community Conversation:
 Goals Identified by Key Stakeholders

Health Disparities Reduction Coalition formed



What we are doing?

Continuing to Identify Ways to Overcome Health Disparities

1. Impact a broad range of services by inviting new and diverse members to the coalition
2. As a result of implementing these initiatives, the overall program outcomes that will occur:

“Through the establishment and enhancement of partnerships to mobilize Spanish-speaking community chronic health issues and developing community education and training, the anticipated vision of health outcomes for those with chronic illness will emphasize keeping them healthy and dramatically improving their overall health.”

Some Goals have been:

- Goal: to get 3 bilingual lay leaders trained
 goal achieved (*we now have 4*)
- Goal: to provide two six-week D-PATH courses for Spanish speaking populations in a year's time Achieved (*provided 3*)

Helping our community access services

1. Mobile screenings for health issues such as high blood pressure, diabetes, etc.
 - Goal: hold a health fair for MSFW's at annual Farmworker Appreciation Night (FAN) event
 Achieved (*on 8/22/18*)

Rx for Health



Talleres de Acción personal contra la diabetes y para mejorar la salud (PATH)

Fecha: _____

Nombre del paciente: _____

Para ayudarle a controlar mejor su diabetes, nuestra oficina le recomienda asistir a un taller de PATH sobre diabetes SIN COSTO PARA USTED.

Los talleres de PATH pueden ayudarle a sentirse mejor, a tomar el control de su salud y a hacer las cosas que quiere hacer. Los talleres incluyen seis sesiones diferentes. Cada sesión cubre un tema nuevo. Usted aprenderá las técnicas que le ayudarán a:

- Fomentar hábitos alimenticios saludables y control de la medicación
- Controlar los niveles de glucosa en la sangre, el colesterol y la presión arterial
- Aprender ejercicios físicos para mantener fuerza y resistencia
- Comunicarse mejor con su médico
- Encontrar apoyo continuo y recursos de la comunidad

X _____
Health care provider signature/Firma del proveedor de atención médica

¿Listo para comenzar a controlar su diabetes?

Fecha: _____ Hora: _____

Instructor: _____

Lugar: _____

Para encontrar talleres cerca de usted, vaya a:
MiHealthyPrograms.org o llame al 517-335-1236.



Acerca de la diabetes

Se estima que 29.1 millones o 9.3% de estadounidenses tenían diabetes en 2012.

Un 25.9% de estadounidenses de 65 años o mayores tienen diabetes. Muchos de ellos no han sido diagnosticados y no están al tanto de su enfermedad.

Tipos de diabetes y prediabetes

Prediabetes: Niveles de azúcar por encima de lo normal, pero no califican para diabetes 2.

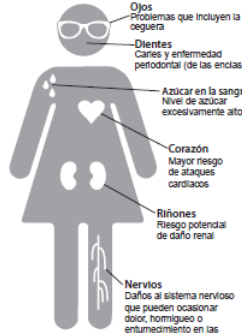
Tipo 1: El cuerpo no produce suficiente insulina.

Tipo 2: El cuerpo no utiliza la insulina adecuadamente.

Porcentaje de estadounidenses por raza/etnia diagnosticados con diabetes

- 15.9% Indios americanos/Indígenas de Alaska
- 13.2% Afroamericanos
- 12.8% Hispánicos
- 9.0% Asiático americanos
- 7.6% Caucásicos

Efectos de la diabetes



Cómo controlar la diabetes y prevenir complicaciones



Este material fue preparado por el Fleet de Ciudad e Innovación del Lago Superior (Lake Superior Quality Innovation Network), en virtud de un contrato con los Centros de Medicina y Medicina (Centers for Medicine & Medical Services - CMMS), una agencia del Departamento de Salud y Servicios de EE.UU. Las modificaciones se reflejan necesariamente en política de CMMS. 11/20/2014-MD-15-07 02/17/15



Rx for Health

Free or low cost workshops for you and your family

MSU Extension has many educational programs to help you stay healthy.

Learn more about:

- Eating healthy & being active
- Raising kids
- Managing money
- Living well with diabetes
- Preventing diabetes
- Dealing with stress and anger
- Preventing foodborne illness
- Cooking for health
- Healthy aging
- Healthy relationships

For more information contact:

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msue.msu.edu

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MI PATH

PATH (Personal Action Towards Health)

Participants in PATH workshops may have one or more chronic health condition

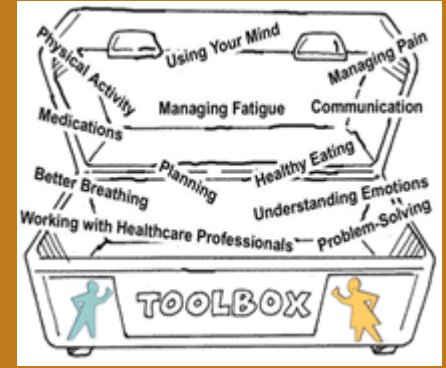
Programs include: PATH, Diabetes PATH, and Chronic Pain PATH



<http://www.mihealthyprograms.org/mipath.aspx>

MI PATH

- Six week series, 2.5 hrs. per session
- Facilitated by two trained & certified leaders
- Small group community setting
- Participants are given “tools” to help manage their own health
- Group discussion, problem-solving and brainstorming activities
- Weekly Action Plans



Diabetes PATH- Session Overview

Session 1

- Introduction
- What is diabetes?
- Monitoring
- Healthy Eating

Session 2

- Problem-Solving
- Menu Planning
- Dealing with Stress

Session 3

- Feedback
- Preventing Hypoglycemia
- Making decisions
- Physical Activity and Exercise



Diabetes PATH- Session Overview

Session 4

- Dealing with Difficult Emotions
- Food Choices & Menu Planning

Session 5

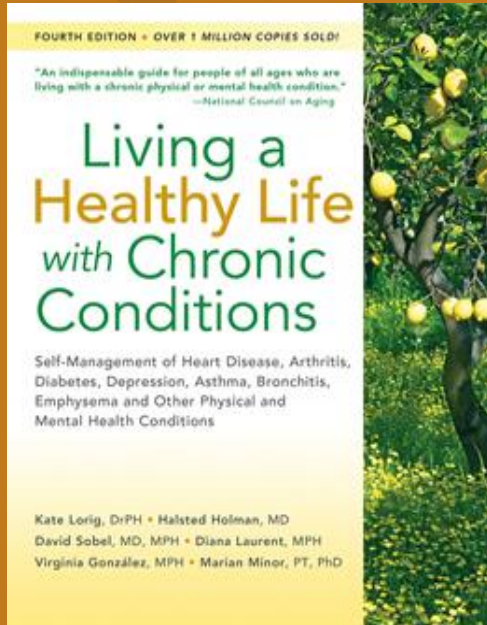
- Dealing with Depression
- Positive Thinking
- Relaxation Body Scan
- Communication Skills
- Endurance Activity

Session 6

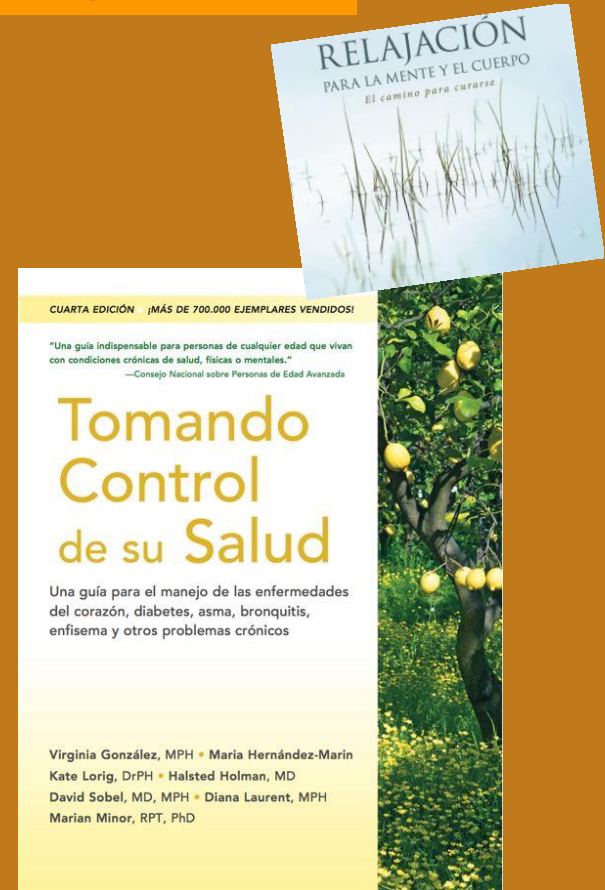
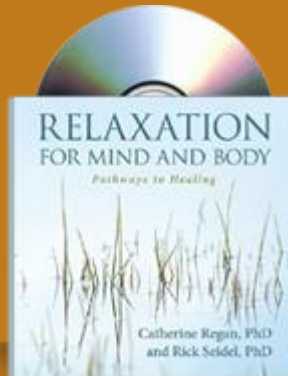
- Strategies for Sick Days
- Foot Care
- Medication Usage
- Working with Your Health Care Professional
- Planning for the Future



Participants Booklet & Relaxation CD



"Yes, hello, I'd like a refund on my body. It's kinda defective and really expensive."
— anyone with a chronic illness



Diabetes PATH in Spanish



Vivir bien con diabetes!
El Programa de Manejo Personal de la Diabetes de la Universidad de Stanford

Toma control de su salud! Crearon este taller interactivo en la universidad de Stanford para ayudar a la gente que padece diabetes o que cuida a alguien que padece diabetes. Hará que su vida se mejore enormemente.



En este taller GRATIS, se aprenderán técnicas como:

- Comunicarse con los profesionales de salud y participar más activamente en su cuidado
- Controlar los síntomas de su condición de salud
- Comer de una manera sana
- Crear un plan de acción como una herramienta clave del manejo personal
- Comunicarse mejor
- Relajarse para manejar el estrés

Detalles

Precio: GRATIS!

Ubicación: en el Hospital de Mercy (Shelby) ubicado en 72 S State St, Shelby, MI 49455

Fecha: cada martes entre el 25 de septiembre y el 30 de octubre 2018

Hora: 8:00-8:30 pm

Se proporcionará una pequeña comida saludable.

Para más información o para registrarse, favor de comunicarse con Catalina Burillo al 231-672-3365.



Partners / Supporters:



Achieving our Goal:

Pasaporte de Salud Health Passport

*¡La Salud
Empieza Contigo!*

*Your Health
Begins with You!*



Registro de Salud de Diabetes / Diabetes Health Record

Statistics cont'd from: Spanish D-PATH courses:

	Course 1	Course 2	Course 3
Ever been told had any chronic conditions by a health professional?	93% yes 6% no	90% yes 10% no	100% yes
Household size (mean)	2.77	3.2	5
Highest level of education completed	83% less than hs 8%+ graduated hs 8%+ some post-secondary	50% less than hs 20% some hs 20% graduated hs 10% some post-secondary	29% less than hs 14% some hs 29% graduated hs 14% graduated post-secondary 14% no answer

Statistics cont'd from: Spanish D-PATH courses:

	Course 1	Course 2	Course 3
Monthly household income	21% less than \$1000 29% \$1000-\$1249 14% \$1250-\$1599 7% \$1600-\$1999 29% more than \$3000	20% less than \$1000 20% \$1000-\$1249 20% \$1600-\$1999 10% more than \$3000 30% no answer	14% less than \$1000 28.5% \$1000-\$1249 28.5% \$2000-\$2999 29% no answer
Has medical insurance	85% yes 15% uninsured	80% yes 20% uninsured	57% yes 29% uninsured 14% no answer
Type of insurance	Of those insured: 36% Medicare 18% ACA 18% Private Insurance 27% Public Aide	Of those insured: 10% Medicare 60% Private Insurance 20% Public Aide 10% not specified	Of those insured: 43% Medicare 43% Private Insurance 14% Public Aide

Pre & Post-Survey Results:

	Pre	Post
1) How does exercise help your blood sugar?	89% ▲ 11% ▼	89% ▲ 11% ▼
2) Which one is the best way to take care of your feet?	89% ▲ 11% ▼	94% ▲ 6% ▼
3) What is a retinal exam?	89% ▲ 11% ▼	89% ▲ 11% ▼
4) Carbohydrates (starches & sweets) break down in your body to what?	78% ▲ 22% ▼	72% ▲ 28% ▼
5) How often in the last week have you felt overwhelmed by living with diabetes?		33% ▲ 56% (m) 11% ▼
6) Do you know of healthy ways to handle the stress related to your diabetes?		33% ▲ 67% (m)
7) When you need it, do you feel you can ask for support on how to live with and take care of your diabetes?		33% ▲ 67% (m)

Pre & Post-Survey Results cont'd:

8) Do you feel you can ask your doctor questions about your treatment plan?	22% ▲ 78% (m)
9) Do you feel you can make a plan with goals that will help control your diabetes?	89% (m) 11% ▼
10) In the last week, how many days did you eat three or more servings of vegetables low in carbohydrates, such as tomatoes, lettuce, and carrots?	44.4% ▲ 44.4% (m) 11% ▼
11) In the last week, how many days did you exercise for at least 30 minutes?	44.4% ▲ 33.3% (m) 22.2% ▼
12) In the last week, how many days did you test your blood sugar?	22% ▲ 78% (m)
13) In the last week, how many days did you take your diabetes medication as ordered by your doctor?	11% ▲ 89% (m)
14) In the last week, how many days did you check your feet?	44.4% ▲ 44.4% (m) 11% ▼

2018 FAN Event Results

- ❑ # of people screened: 39
- ❑ # of Blood Pressure checks: 38
- ❑ # of A1C tests run: 30
- ❑ # people who received A1C Tests: 23
- ❑ Total number of A1C test results given: 14
- ❑ # of Pulmonary Function tests: 22



Events ~ Eventos

6 p.m. *New this year: Health Resource Fair for diabetics & pre-diabetics
 *Nuevo este año: Feria de Salud para diabéticos y pre-diabéticos
 *Community Resource Fair / Feria de Recursos
 (**mandatory participation in order to receive Raffle Tickets for the Big Door Prizes!
 Participación Requerida para recibir Boletos para las Grandes Premios)

7-9 p.m. Family Games & Contests by / Concursos y Juegos por La Costra's Party Time (Including Music, Photographs with "Coco" Characters, Prizes / Incluye Fotos con Personajes de "Coco", Música y Premios)

9 p.m. Big Door Prizes Giveaway / Entrega de los Grandes Premios

Event Sponsors ~ Patrocinadores del Evento

Alfre Farms Peterson Farms Inc
 Killercrest Farms La Guera's Party Time
 Shelby State Bank Oceana County Fair Board
 Ludington Lock & Key Thai Mango Restaurant
 DJ Cora

Donations ~ Donaciones
 (Door & Contest Prizes)

AMC Theatres—Ludington Auto Zone—Ludington
 EnerG Fitness Familia Berumen
 Home Depot—Ludington Greenridge Realty
 Servicios de Esperanza Low's—Ludington
 Taquería El Paisano FCCU
 Telamon Migrant Headstart The Pizza Factory—Shelby
 Read Early, Read Often House of Flavors
 Subway—Hart State Farm—Hart
 McDonald's—Hart Northern Staffing

DHD #10—Hart DHD #10—Hart
 La Fiesta—Hart La Proleada
 Mercy Health Pepsi Co.
 DHD #10 / WIC Indian Summer
 Maxine's Closet LakeSide Rehab

Planning Committee Members / Comité Organizador:
 Julia Y Briones
 Rubicella Salgado
 West Michigan Migrant Resource Council

Join us for a Traditional Celebration with family members of Disney PIXAR's "Coco"

Venga a Celebrar con los personajes de "Coco" - la película de Disney PIXAR

16th/16o Annual Farmworker Appreciation Night/ Noche de Agradecimiento para los Trabajadores Agrícolas

Date/Fecha: 08/22/18
 Time/Horario: 6:00—9:00 p.m.

Presented by / Presentado por:
 Oceana Co. Fair Board & West Michigan Migrant Resource Council

2018 Farmworker Appreciation Night

TIA	Northern Staffing	Peterson Farms, Inc	FLS
DHHS	MIRC	OHC	HPS
DHD #10	OCAN	MWVC- WIOA	Telamon- New Era
NWHSI (Over Health)			Health Project
Diabetic Foot Mgmt Ctr	Reimer Eye Ctr	WMCMH	Oceana LEADS
DHD #10	Access Health/ Lions Club Int'l	MSU- Extension	LRFF/ LRCC

16th Annual Farmworker Appreciation Night Event (8/22/18)



Collaboration: Working Together

Meet some of our Community Partners

Blood pressure and A1C
screenings



Pulmonary Function
screenings



Volunteers included staff from: *Mercy Health: Mary Welsh, Quality Mgmt Mgr, Karen MacWilliams, RN & Hybrid Care Mgr, Emma Johnston, Community Health Worker and Cynthia Powers, Program Mgr; *OCCOA: Vicki Platt, RN; *Lions Int'l - District 11E1: Bill Bradfield

2018 Diabetic Health Fair cont'd - Eye Care Partners (Cuidado Ocular)



2018 Diabetic Health Fair cont'd - Foot Care Partners (Cuidado de los Pies)



2018 Diabetic Health Fair cont'd - Mental Health Partners (Salud Mental)



2018 Diabetic Health Fair cont'd - Physical Fitness Partners (Actividad Física)



2018 Diabetic Health Fair cont'd - Oral Health Partners (Salud Oral)

Northwest Michigan Health Services Inc. (FQHC)



2018 Diabetic Health Fair cont'd - Health Dept Partners (Dpto. de Salud)



Kim Rendon (WIC) & Kortni
García (Oceana LEADS)



Ana Torres (Community Health Worker)
& Kate Donaldson (Public Health
Educator)



2018 Diabetic Health Fair cont'd - Other Partners

MSU Extension

Health Project - Mercy Health



Extension's Role

- ❖ Cooperative Extension System
- ❖ Provides outreach education to citizens
- ❖ Functions as a partner of the Land Grant System

The Structure of the Land Grant University

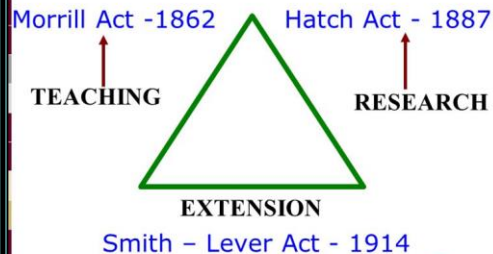
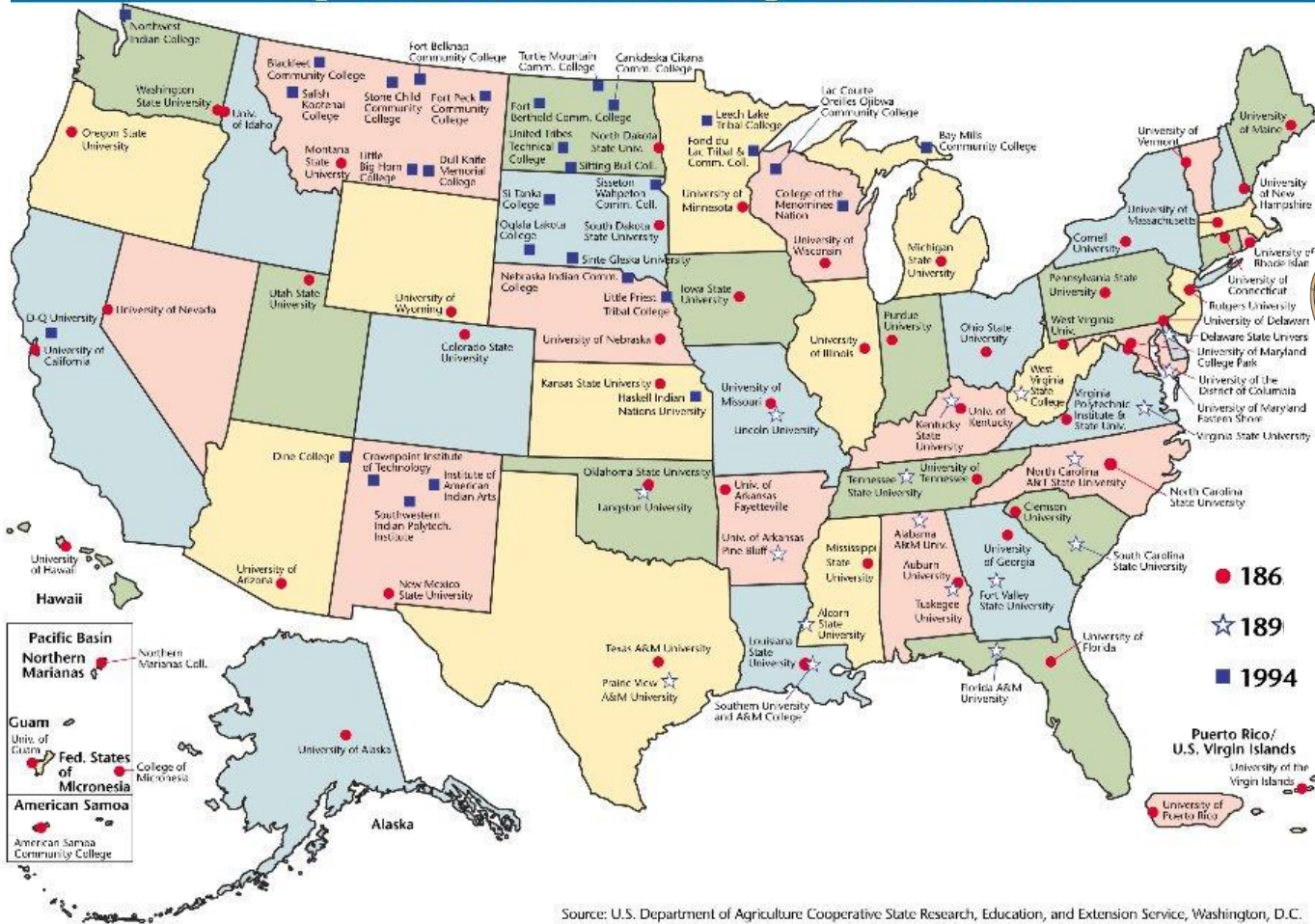


Figure 1: U.S. Land-Grant Colleges and Universities



Source: U.S. Department of Agriculture Cooperative State Research, Education, and Extension Service, Washington, D.C.
Based on U.S. Department of Agriculture map: m2783, June 2003



What is MSU Extension?



A statewide educational network that applies research and knowledge of a land grant institution(MSU) to individuals and communities.

What we do

MSU Extension staff throughout the state deliver high-quality, affordable education through focused and specialized programs serving the needs of children, youth, families, communities, and businesses across Michigan.

Our Mission

Help people improve their lives through an educational process that applies knowledge to critical issues, needs and opportunities.



MSUE Disease Prevention & Management (DPM) Work Team



The mission of the DPM work team is to reduce the risk and incidence of chronic diseases including diabetes, across Michigan.

OUR IMPACT

- Increased consumption and knowledge of healthier foods.
- Increased physical activity.
- Improved self-rated health scores.
- Increased ability to manage chronic health conditions.



Other MSUE DPM Programs in Spanish





QUESTIONS



Contact Us:

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Sources

USDA <https://nifa.usda.gov/cooperative-extension-history>

SMRC <https://www.selfmanagementresource.com>

MSUE <https://www.canr.msu.edu/outreach/>

Snapshot of Oceana County [agbioresearch.msu.edu http://msue.anr.msu.edu/uploads/annualreports/ABR-MSUE_County_Portrait_Oceana.pdf](http://msue.anr.msu.edu/uploads/annualreports/ABR-MSUE_County_Portrait_Oceana.pdf)

Bull Publishing <https://www.bullpub.com/>

CHNA 2016 http://www.dhd10.org/wp-content/uploads/2017/05/DHD10_CHNA_2017.pdf

County Health Rankings and Roadmaps

<http://www.countyhealthrankings.org/app/michigan/2018/rankings/oceana/county/outcomes/overall/snapshot>

CDC, Hispanic Health <https://www.cdc.gov/vitalsigns/hispanic-health/index.html>

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Pure Agribusiness.MEDC.<https://www.michiganbusiness.org>