

Board of Regents

Leading Locally for Statewide Impact

Chancellor David Wilson
University of Wisconsin Board of Regents
April 8, 2010 Fond du Lac, Wisconsin



Board of Regents

13

75

14,000

1.6 million

Board of Regents

Eric Boos

**Assistant Professor of
Philosophy**

UW-Fond du Lac



"We want one class of persons to have a liberal education and we want another class of persons, a very much larger class of necessity, to forgo the privileges of a liberal education."

- President Woodrow Wilson, 1909

"I shall never be content until the beneficent influence of the University reaches every home in the state."

- Charles Van Hise, President,
University of Wisconsin, in a speech given in 1904

"In Wisconsin there has been a successful effort to redeem the promises by performances, and to reduce theories into practice ."

- President Theodore Roosevelt, 1912

"One of the longest and deepest traditions surrounding the University of Wisconsin, the Wisconsin Idea signifies a general principle: that education should influence people's lives beyond the boundaries of the classroom. Synonymous with Wisconsin for more than a century, this "Idea" has become the guiding philosophy of university outreach efforts in Wisconsin and throughout the world."

from www.wisconsinidea.wisc.edu/history

Fond du Lac County Dairying – Changing Times, Changing Faces

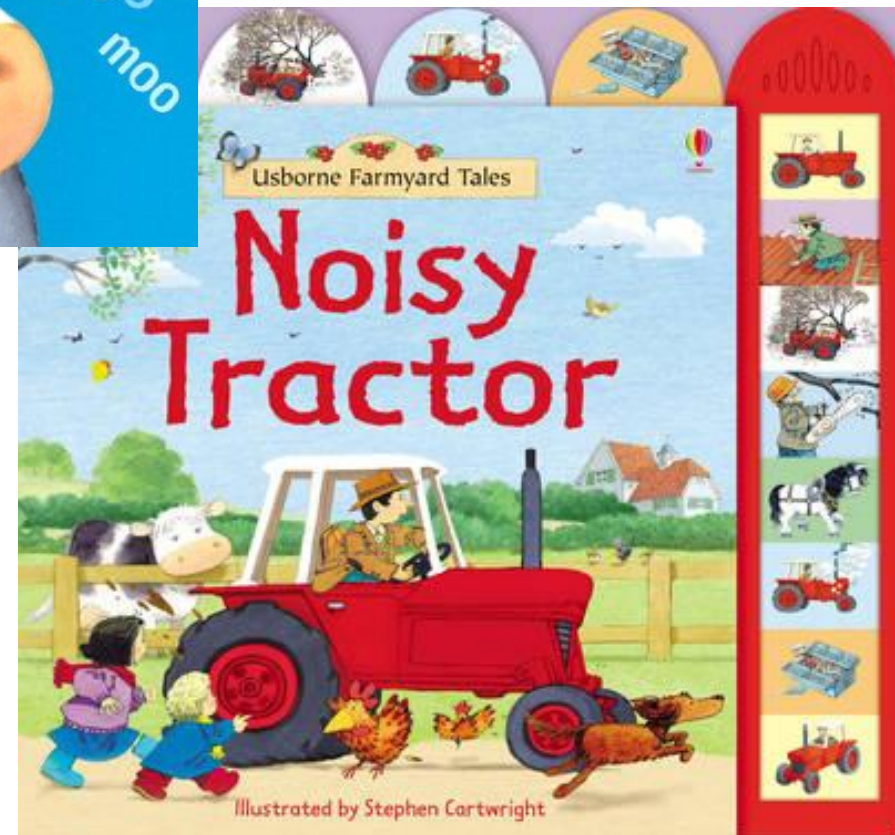
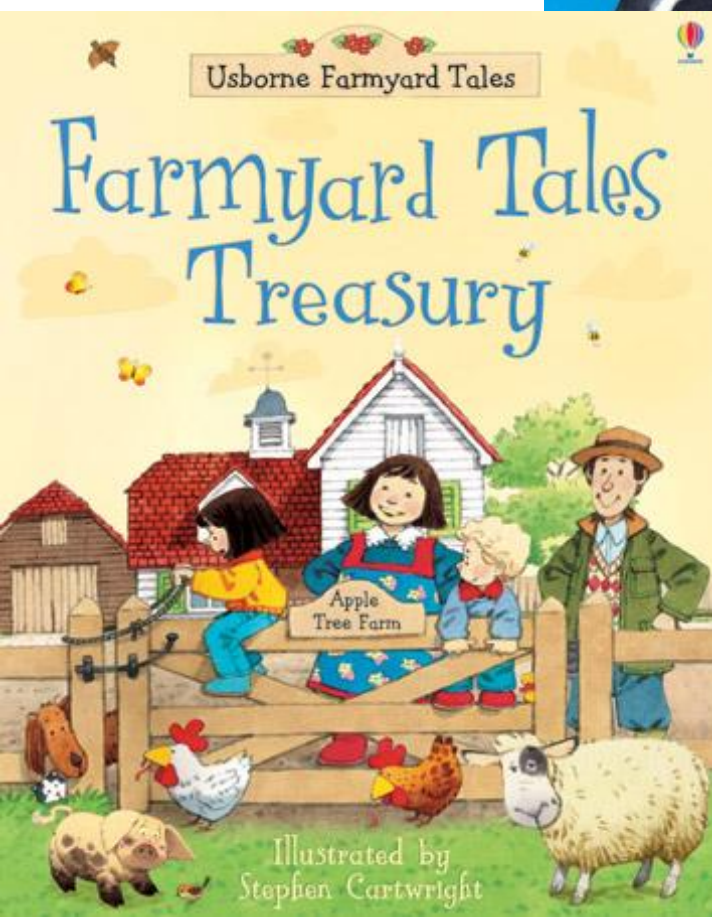
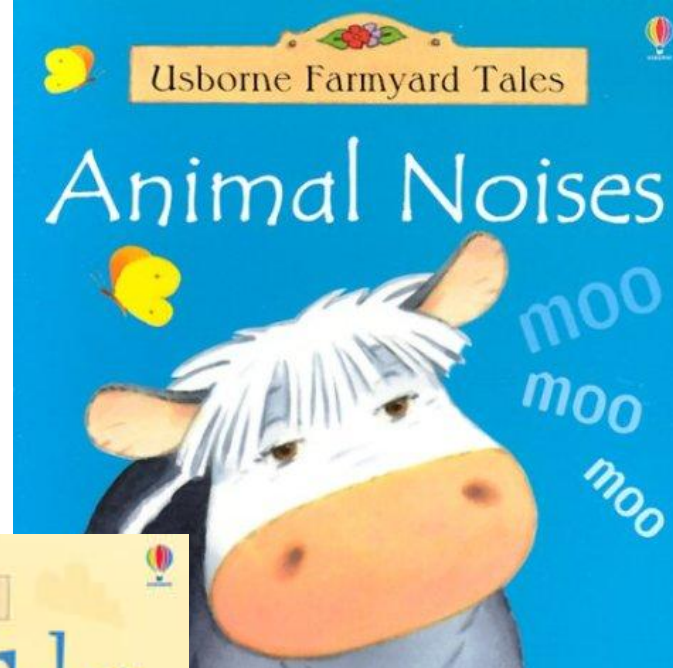


Paul Dyk
Dairy Agent
UW Board of Regents
April 8 2010

Agriculture in Fond du Lac County

- 8500 jobs in FDL County
- \$1.2 billion in economic activity







Paul Dyk, Dairy and Livestock Agent, UWEX
FDL



Paul Dyk, Dairy and Livestock Agent, UWEX
FDL





Paul Dyk, Dairy and Livestock Agent, UWEX
FDL



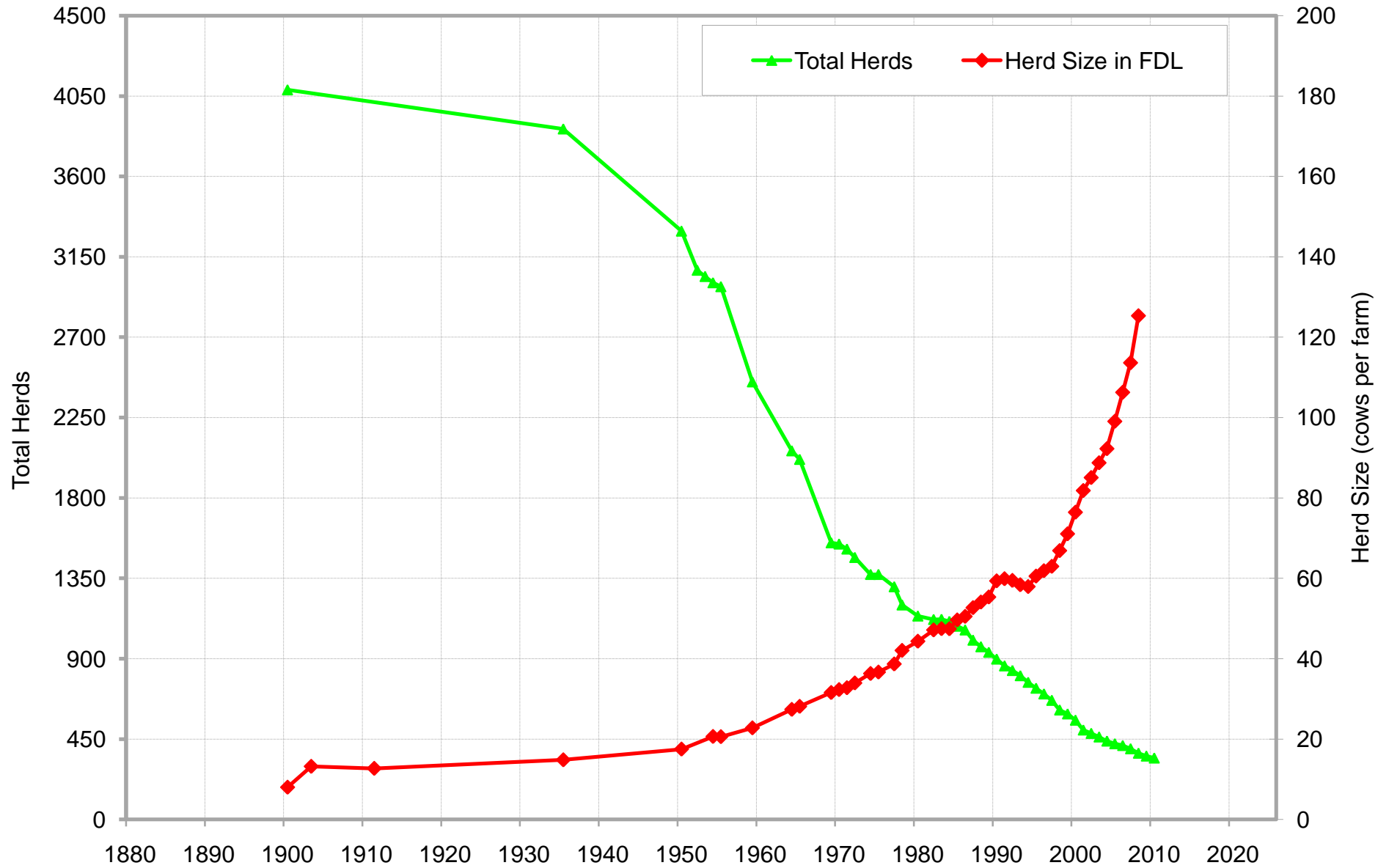
Paul Dyk, Dairy and Livestock Agent, UWEX
FDL



From rosendaledairy.net

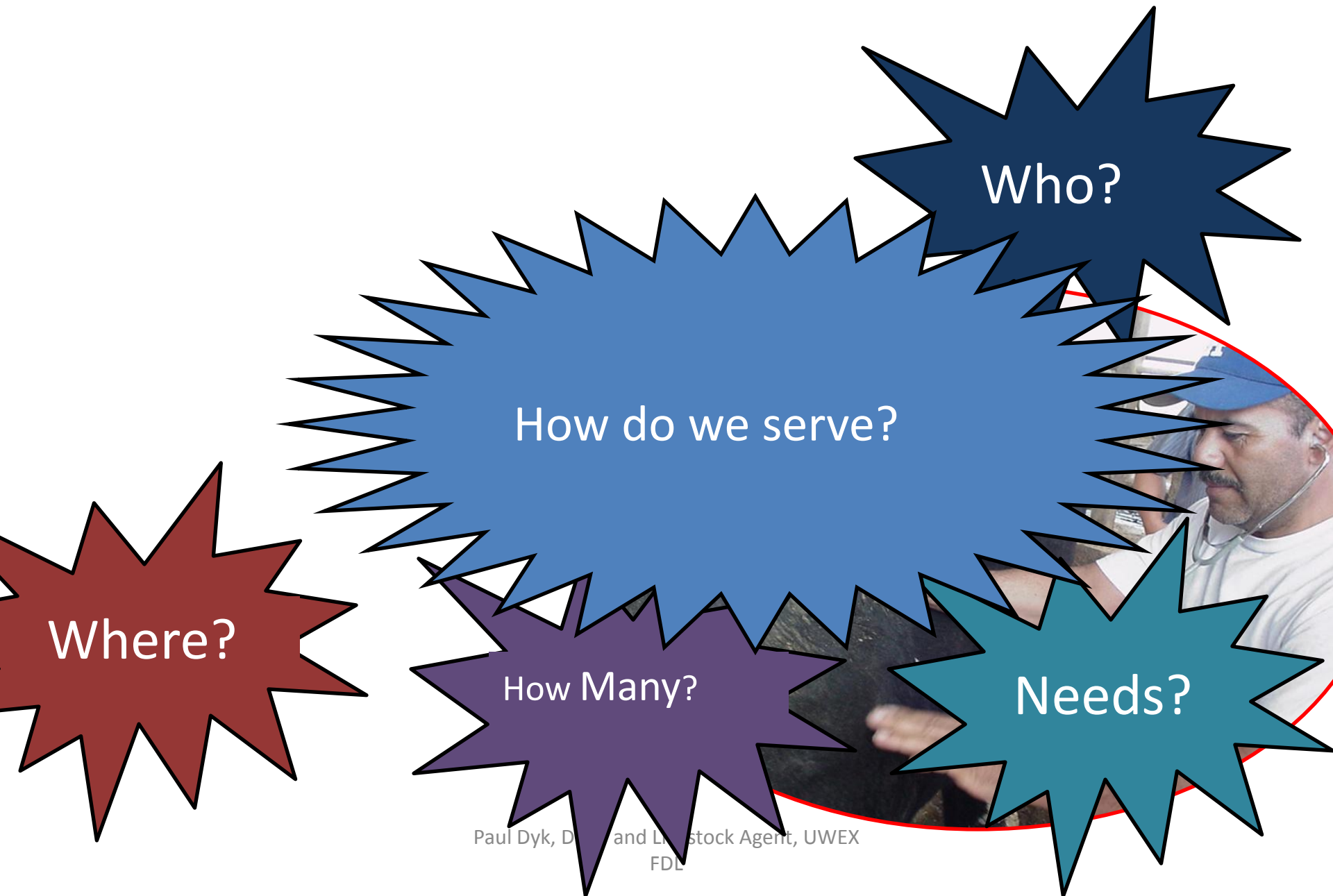
Paul Dyk, Dairy and Livestock Agent, UWEX
FDL

Herd Information for Fond du Lac County



Herd Information on FDL County Herds





Paul Dyk, DVM and Livestock Agent, UWEX
FDL

Dairy Employee Survey

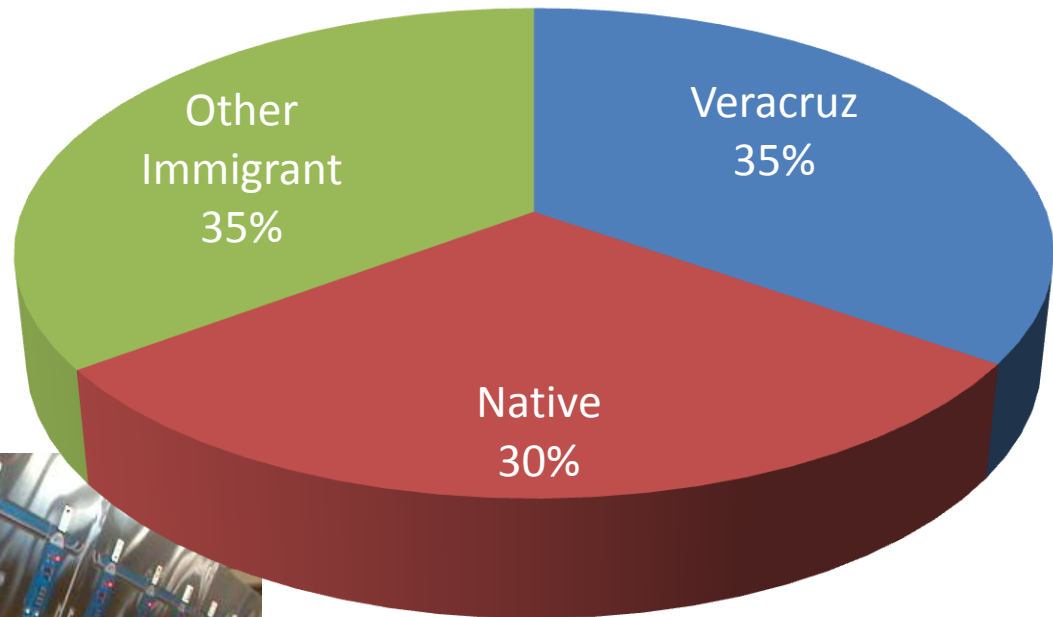


- 34 dairy farms in Mac & Sheboygan Counties
- 309 employees



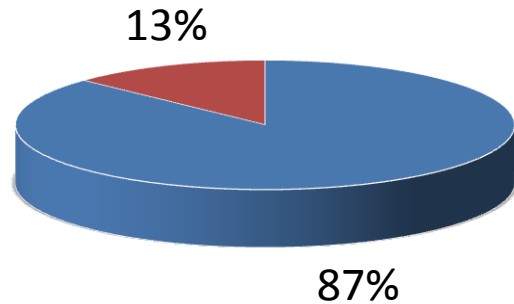
One on one interviews;
bilingual moderator

Who are the workers?



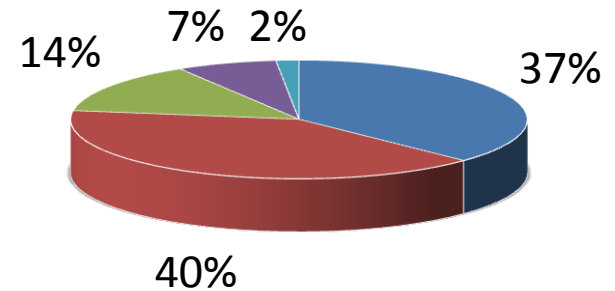
Who are the workers?

Workers by gender



■ Male ■ Female

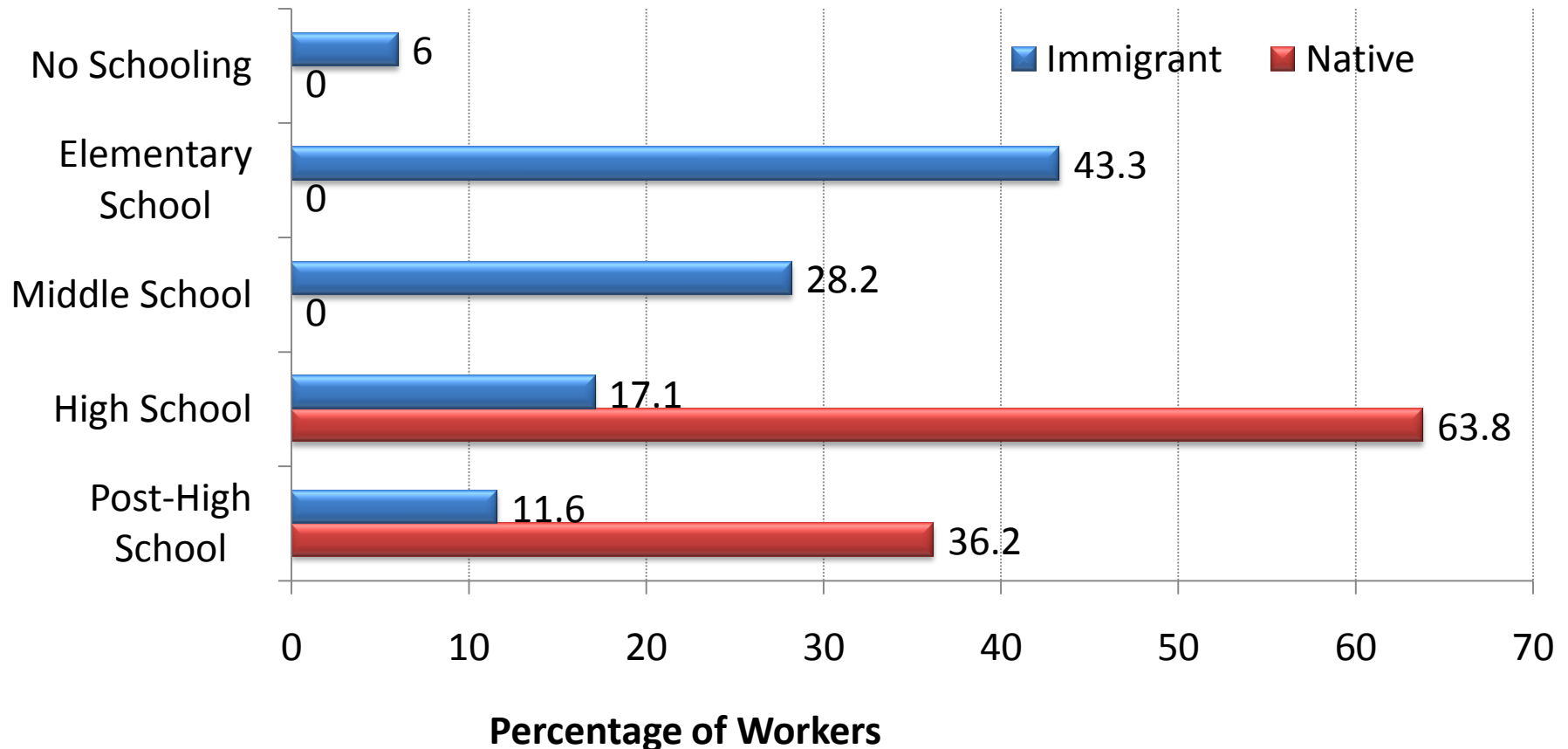
Workers by age



■ 16 to 25 ■ 26 to 35
■ 36 to 45 ■ 46 to 55
■ 56 and older

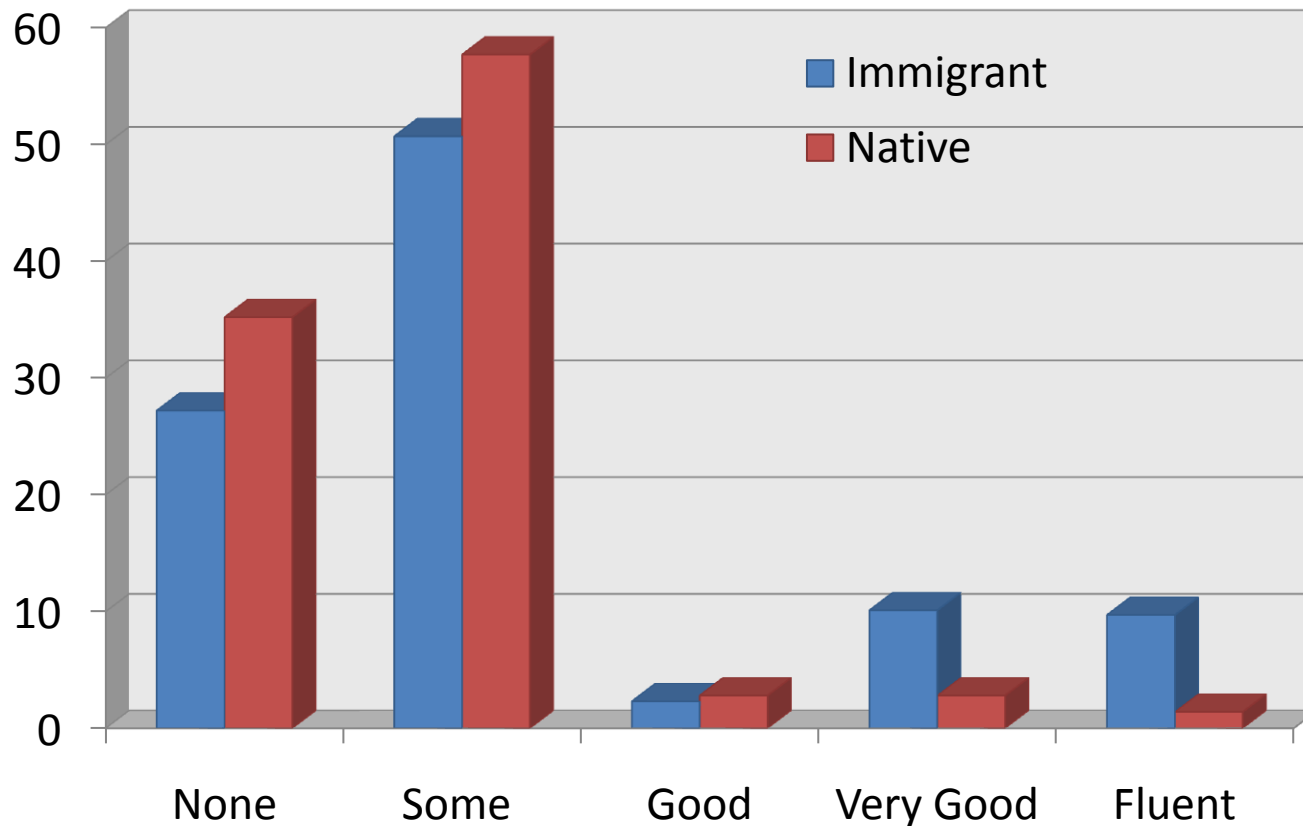
Who are the workers?

Education Level of Workers



Who are the workers?

English/Spanish Skills (%)



Farm Safety & Dairy Workers

- 23% some sort of injury on the job
- 47% of employers thought employees need more safety training



Milk Quality

How to Avoid the Twisted Liner!

Paul Dyk, UW-Extension, Fond du Lac County

Financial support provided by:
Pfizer Pfizer Animal Health

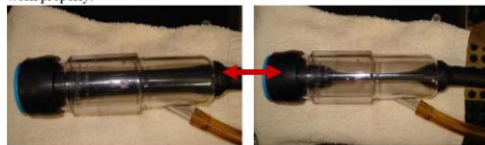
May 2008



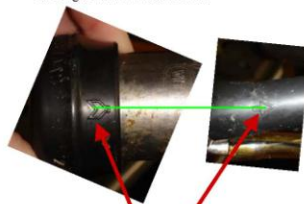
There is something wrong with the liner on the left. The quarter on multiple cows is not milking out correctly. There does not appear to be a leak in the vacuum tube (air tube). There is no milk in the vacuum tube (a sign of a hole in the liner).

One problem might be that the liner (inflation) is twisted, like the one shown here. This will not allow the milk machine to work properly.

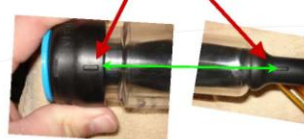
The liner needs to be flat when it is working properly. During milking, the liner will open and close. It will go from a rest to milk phase. A twisted liner will not work properly.



So, how do we know when there is a problem with a metal shell? One way to know is to look at the inflation on either side of the shell. Many liners will have a line or arrow. This must line up with the line or arrow on the other end of the shell. When these lines/arrows are lined up, you should no longer have a twisted liner.



Arrows and lines help prevent twisted liners (inflatons)



Calf Care

Where do You Put an Ear Tag?

When putting an ear tag in a calf's ear, apply the ear tag in the middle portion of the ear. Apply the tag in between the two middle cartilage ribs (you can feel and see them).

Not the correct placement!



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Calidad de la Leche

Mayo 2008

La ayuda financiero proporcionado por

Pfizer Pfizer Animal Health

¿Cómo evitar un empaque torcido!

Paul Dyk, UW-Extension, Fond du Lac County



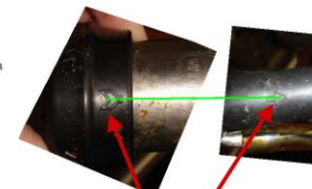
Existe algo equivocado con el empaque de plástico en la imagen de la izquierda. El cuarto de varias vacas no está siendo ordeñado correctamente. No parece haber fuga en el tubo de vacío (tubo de aire). No hay leche en el tubo de vacío (una señal de que existe un agujero en el empaque o cubierta de plástico).

Un problema puede ser que el empaque esté torcido (inflatmento), como se muestra aquí. Esto impedirá que la máquina de ordeña funcione apropiadamente.

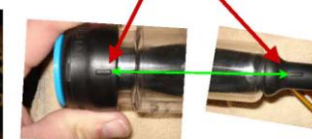
El empaque de plástico debe estar liso para que la máquina funcione apropiadamente. Durante la ordeña, el empaque se abrirá y cerrará. Irá de una posición de descanso a la posición de ordeña. Un empaque torcido no trabajará apropiadamente.



Entonces, ¿Cómo sabremos cuando existe algún problema con el casco de metal? Una forma de saberlo es observando el inflamiento en cualquier lado del casco. Muchas cubiertas tendrán una línea o flecha. La cual debe alinearse con la línea o flecha en el otro lado del casco. Cuando estas líneas/flechas están en la posición adecuada, usted no debería observar un empaque de plástico torcido.



Las flechas y líneas ayudan a prevenir empaques torcidos (inflatmentos)

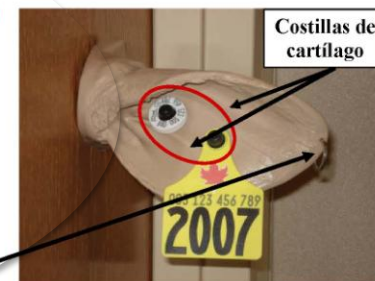


Cuidado de Becerro

¿En donde deben colocarse las etiquetas de oreja?

Al colocar una etiqueta en la oreja del becerro, póngala en la porción media de la oreja. Coloque la etiqueta entre las dos costillas de cartilago de en medio (usted puede verlas y sentirlas)

Posición incorrecta.



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UW-Extension Dairy Team
*Dairy Workers'
Skills Trainings ~
Modules*



- Bilingual
- Basic Skills Training
 - Milking, Reproduction, Herdsman, Calves, Feeding, Animal Handling
- More than 500 Modules, CDs, & DVDs sold across the US and South America.

Questions?

- Paul Dyk

paul.dyk@uwex.edu

920-929-3171



Board of Regents

Sarah Oehm

Student

UW-Fond du Lac



Board of Regents

Vicki Garthwaite

Local Businesswoman

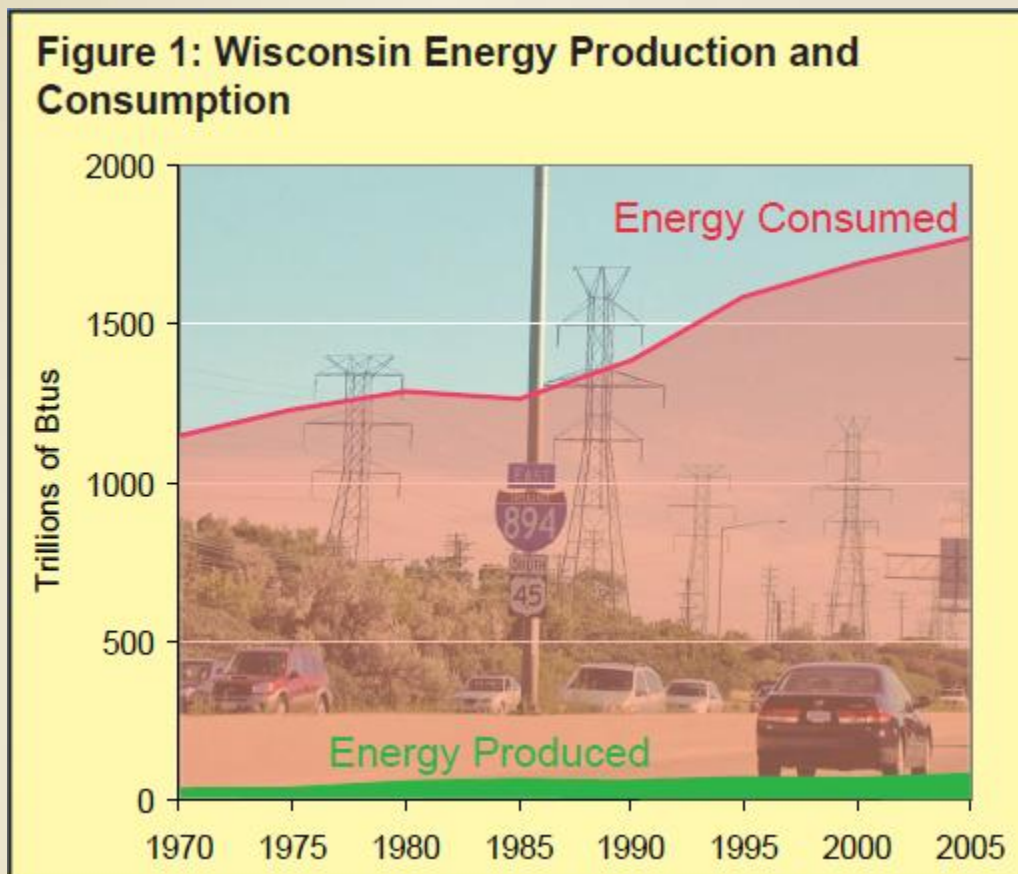
UW-Extension “Rent Smart” Program

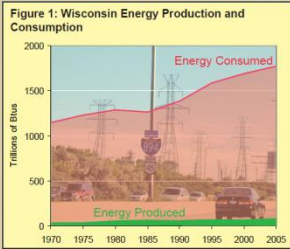


Powering the Local Economy:

How much more energy did WI residents use in

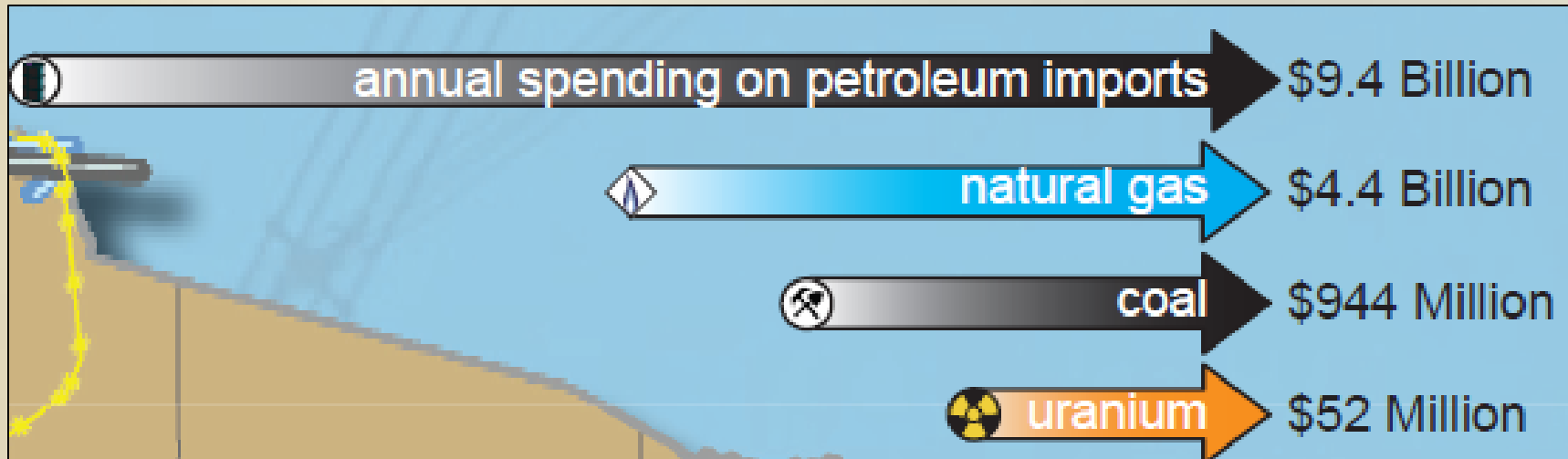
55% more





How much money does WI spend on imported fuel each year?

\$15 billion



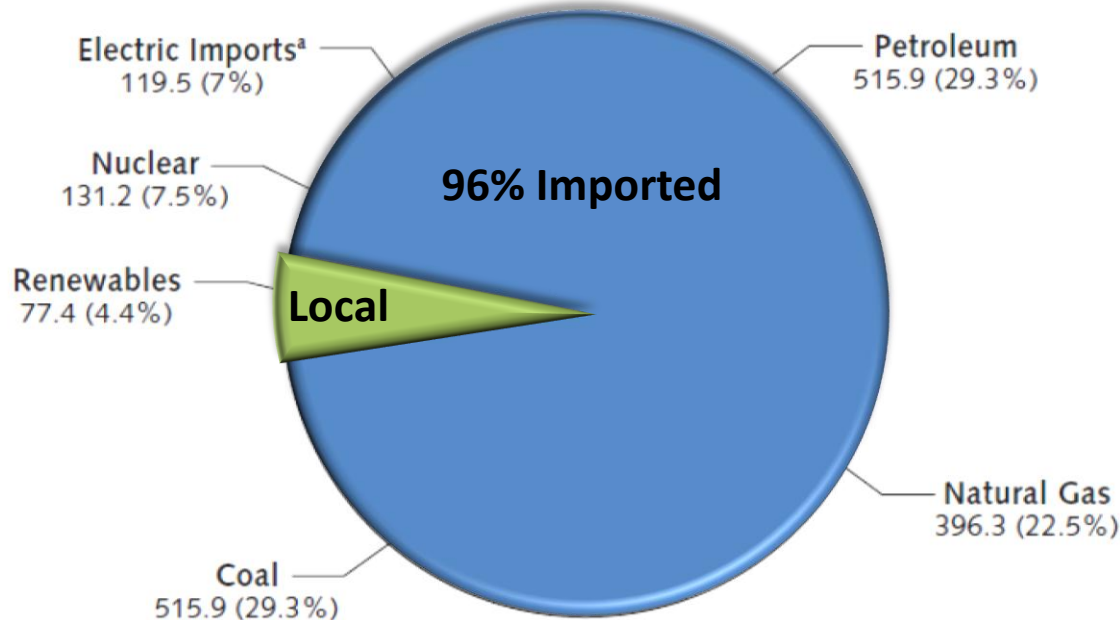
Center for Land Use Education, 2008



Wisconsin Resource Energy Consumption, by Type of Fuel

2007

(Trillions of Btu and Percent of Total)



Total Energy Consumption: 1,756.1

WI Renewable Energy Production

Trillions of Btu



ENERGY EFFICIENCY



UTILITIES



PRIVATE ENTERPRISE





SUBDIVISIONS



Virtual Energy Tour

www.SustainFDLCounty.org

Fond du Lac Fire Souls

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Local Energy Tour 10-8-09

- Local Energy Tour In Depth
- Related tax legislation
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EasyEdit

Local Energy Tour 10-8-09



Energy Tour guests visit Dr. Orvis Johnson's Dental Clinic which is kept comfortable with a solar energy system.

Take a [Virtual Tour](#) of the sites.

Use the tools in the upper left corner of the map to zoom & navigate.
Click on the pin points to learn more about each site.



Share this

Report page

Tour Sites

[Nett Land & Development, Inc.](#) (County Rd. H & Pheasant Run): Tour Pheasant Run Subdivision, one of the county's only conservation-design housing developments. With slightly smaller lots & shared open space, the concept offers municipalities & residents more green space.

[Horicon Bank](#): (854 E. Johnson St., FdL) Learn about the newly installed ground-source heat pump (geothermal) system, why the bank chose to install it, and how it operates.

[Vir-Clar Farm \(bus only\)](#): The anaerobic digester at this dairy converts manure from 1300 milking cows into electricity, compost, & animal bedding.

[Dr. Orvis Johnson Dental Clinic](#): (825 Prospect Ave., North FdL) Show your

Preliminary Evaluation Results

"The tour was well worth my time. I enjoyed it very much. I didn't know all of this was happening in our county,"

---Fond du Lac City Council President Tim Lakin.

- 77% of 75 participants knew only "a little bit" about this topic before the tour.
- 85% felt that all learning objectives were met & exceeded.

"Certainly the tour was beneficial. ...I know we've looked at that [J.F. Ahern technology] in the past, but I think [the tour] peaked some interest to re-look at it again [in our industrial facility]."

Media Coverage

new North B2B
BUSINESS COVERAGE FOR THE NEW NORTH

Economic Outlook

Various industry leaders offer their perspectives on the year ahead

Page 18

Sustainability
Environmental efforts driven by local government

Page 22

BUSINESS

Continued from Page A1

savings.
"It's tough enough in today's economy to make money," he said. "We've got to look for other things, other than the normal (cost-saving measures)."

Culver's uses efficient ice machines and lights — "a lot of small things that really add up," he said.

Keep it clean

Just off Grandview Road east of Fond du Lac, the Pheasant Run subdivision aims to improve water quality.

It has more green space than the average project, said Neal Nett, whose family runs Nett Land & Development Inc. in Malone. Buildings cover a smaller portion of land than usual, leaving more room for native plants, trees, brush and animals, he said.

Nett said abundant vegetation helps absorb runoff, so less storm-water enters streams. Too much nutrient-rich water leads to problems with algae blooms and pollution.

Residents appreciate the

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Neal Nett, co-owner of Nett construction, stands in green space that wraps around Pheasant Run subdivision east of Fond du Lac.

BY HEATHER STANEK
The Reporter
hstaneke@fdlreporter.com

The fluffy white stuff's about to fly, but Fond du Lac businesses are still seeing green.

Energy efficient upgrades helped local enterprises hang onto a few bucks during the recession, and they're poised to save again should Wisconsin blustery, freezing winter longing the environment is only part of the reason why so many have gone green.

Companies recently partnered with the University of Wisconsin-Extension office and Fond du Lac Area Association of Commerce to showcase how eco-friendly changes have given them a competitive edge. The Local Energy Tour was held Oct. 8 and, although the rain fell, wind blew and temperatures dipped, nearly 50 guests piled onto a bus to see the sites.



This series appears each Tuesday. If you know of a business that you think we should write about, contact business reporter Heather Stanek at (920) 907-7909 or hstaneke@fdlreporter.com.

and bathroom fixtures, just to name a few.

Since the expansion opened, J.F. Ahern has saved \$21,000 per year — or 25 percent — on energy costs and reduced its waste-water discharge by 25,000 gallons per year, or 26 percent. Demand for water fell by 61 percent, or 110,000 gallons per year, according to company literature.

Since more and more entrepreneurs have the planet in mind, J.F. Ahern had to change to stay competitive, said Craig Bahr, project manager for the company's industrial contracting division.

"Our customers demand that of us," he said. "The only way to demonstrate to our customers that we can do that is to do it ourselves."

Culver's, 969 E. Johnson St., has saved an average of \$400 a year in hot water costs

BUSINESS SPOTLIGHT PLANET PERKS

Going green makes dollars and sense for local companies



THE REPORTER PHOTO BY PATRICK FLOOD

Statewide Impact

www.CapacityCenter.org

Sustainable Communities Capacity Center

Energy & Climate Change Agriculture & Natural Resources Economic Development Consumer Choices Planning & Land Use Community Stories

The **Sustainability Team** develops and maintains a University of Wisconsin - Extension (UWEX) institutional framework for understanding and promoting sustainability across all program areas and divisions. The Team engages in both internal capacity building and strategic external educational programming.

University of Wisconsin - Extension Sustainability Team Capacity Center

Featured News Item for March

UW Colleges/Extension will be hosting the third in a continuing series of biannual "Wisconsin Idea" Public Policy Forums to be held March 25-26 at UW-Fox Valley. The theme of this forum is **Sustainable Communities**. The first day of the forum includes invited plenary speakers on community sustainability and community case study presentations featuring both in-state and out-of-state examples. The second day of the forum will be a hands-on, participatory session focused on public policy opportunities and recommendations. A series of regional Sustainable Communities Roundtables are underway to provide input for the March forum. The Roundtables are identifying ways that communities can engage in sustainability—based on compelling examples from around the state—and gaining input from participants regarding both opportunities and challenges. The findings and recommendations from the regional Sustainable Communities Roundtables and the Public Policy Forum on Sustainable Communities will be summarized in a post-forum publication. It will capture and document the broad movement across the state toward sustainability and help translate this grassroots interest into action through practical steps and solutions. For additional information on the roundtables and forum and to register for the forum, go to [Sustainable Communities Public Policy Forum](#).

[Archived News Items](#)



[Return to Capacity Center](#)

[Recovery Act Information](#)

[Sustainability Events Calendar](#)

[Tool Box](#)

[Presentations](#)

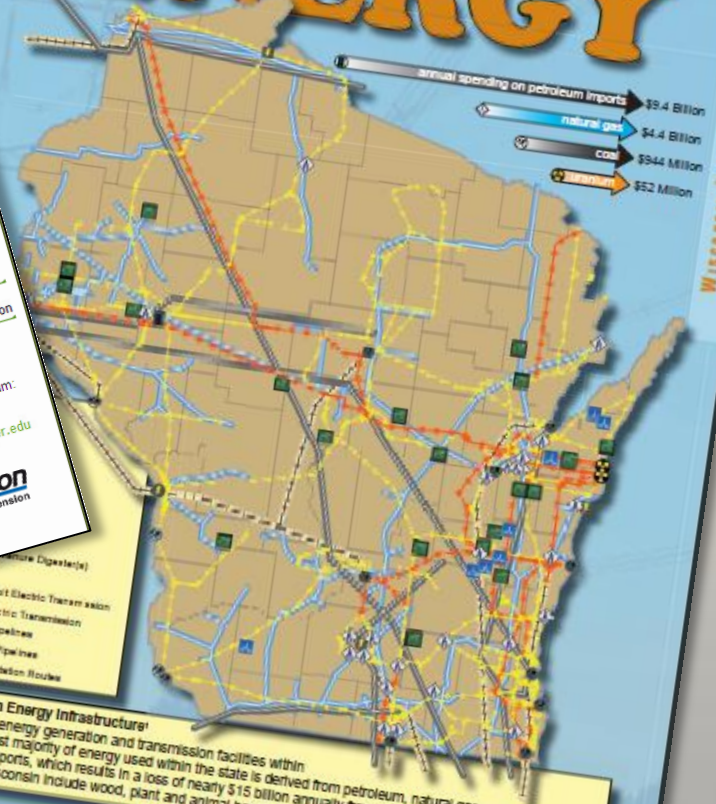
[Publications](#)

[Sustainability Team Information](#)

Contact Sustainability Team:
sustainability@uwsuper.edu



WISCONSIN LAND USE MEGATRENDS: ENERGY



Map 1: Wisconsin Energy Infrastructure

This map displays energy generation and transmission facilities within Wisconsin. The vast majority of energy used within the state is derived from petroleum, natural gas, coal and nuclear imports, which results in a loss of nearly \$15 billion annually from the state's economy. Resources produced within Wisconsin include wood, plant and animal-based biomass, solar, wind, and water.

Questions & Comments



www.toonpool.com

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CNRED Educator

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