**Public Health Data Watch**

**May 2002**

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**Michigan's diabetes prevalence rate 4th highest in nation.**

Since 1960, Type 2 diabetes prevalence has tripled along with the increased percentage of obesity. According to a recent landmark NIH study, risk of Type 2 diabetes was dramatically reduced by 58% with a lowfat diet and moderate exercise. In 2000, 193,413 persons discharged from Michigan hospitals had diabetes among their treatment diagnoses, up from 176,048 in 1998 and 159,306 in 1996. Diabetes was a primary cause of death for 2,612 persons (3%) and a contributing cause for 5,360 deaths (7.6%)—up from 5,047 deaths in 1996. **Diabetes is the nation’s leading cause of kidney failure, blindness and limb amputations.**

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**Michigan 2000 Diabetes Statistics:**

- From 2000 and 1996, Michigan ranked 9th (7.1%) and 4th highest respectively among all states.
- An estimated 491,000 Michigan adults (18 and older) will have been diagnosed with diabetes in 2000.
- Of this sum, an estimated 20,080 Hispanics are diabetic.
- Another 6,100 under the age of 18 will also be diagnosed.
- National figures suggest an additional 216,200 Michigan adults have diabetes, but are unaware of it.
- An estimated 574,800 adults have pre-diabetes (15.6% of Michigan adults ages 40 to 74).
- An estimated 3.5 Black females and 3.1 Black males aged 18-44 were diagnosed as diabetic compared to 1.7 for white females and 2.0 for white males.
- Black females aged 55-64 have nearly 3 times the death rate of white females the same age.
- Black females aged 65-74 have 2 times the death rate of white females the same age from diabetes.
- Diabetes caused 44.9% of kidney failure.
- 30% of Michigan kidney transplants (152) were due to kidney failure subsequent to diabetes.

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**Ottawa County 2000 Diabetes Stats:**

- Diabetes ranked 8th as leading cause of death: 2.5% as primary cause of death and 5.8% as contributing.
- The number of deaths rises with increased age - 7 deaths to those 65-74 years old and 17 to those aged 75 and over.
- An estimated 9,795 adults (including 1,035 Hispanics) were diagnosed as diabetic.
- Diabetes was included as a diagnosis in 2,445 hospitalizations - up from 2,069 in 1998.
- 7.5% of hospitalizations were due directly to diabetes (184) with another 35.1% involving hypertension and cardiovascular disease, commonly linked with diabetes.

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**NOTE:** Before 1999, deaths were classified with ICD-9 codes. From 1999 on, revised codes are used (ICD-10) and the comparability ratio is high (1.01) meaning good comparability of these mortality statistics.

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1. Diabetes in Michigan Fact Sheet, MDCH: Diabetes, Kidney and Other Chronic Diseases, April 2002
3. Diabetes in Michigan Fact Sheet, MDCH: Diabetes, Kidney and Other Chronic Diseases, April 2002
5. Diabetes in Ottawa Fact Sheet, MDCH: Diabetes, Kidney and Other Chronic Diseases, May 2002

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