

MICHIGAN

Important Facts

Population 1990:	9,295,000
Estimated pop. 2010:	9,301,000
Number of households 1990:	3,419,000
Per capita average income:	\$11,973
Metropolitan area population:	80.1%
Total area:	96,810 sq. mi.
Land area:	56,809 sq. mi.
Water area:	40,001 sq. mi.
National parks:	632,053 acres
State parks/rec. areas:	262,000 acres
Environmental voting record (1991):	
U.S. House	54%
U.S. Senate	70%

Energy Use and Production

Total consumed/year:	2,753 tr. Btu
per capita:	298 m. Btu
Change in use 1973-88:	-9.77%
Chief sources:	
petroleum:	35%
gas:	28%
coal:	30%
Renewables as source of total energy used:	4.26%
Average price per kWh of electricity for residents:	7.8 cents
Consumption by end use:	
residential:	26%
commercial:	16%
industrial:	33%
transportation:	25%

Wastes

Total solid waste:	11,700 t. tons
per capita:	1.26 tons
Municipal landfills:	55
Curbside recycling programs:	100
Hazardous waste sites:	77
Municipal incinerators:	5

Transportation

Miles driven per year:	81,091 m. mi.
per capita:	8,700 mi.
Motor fuel consumed:	4,902 m. gal.
Registered motor vehicles:	7,293,000
Highway expenditures:	\$1,526.2 m.
How workers commute:	
drive alone:	72.5%
carpool:	17.8%
public transportation:	2.5%

Water

Total used per day:	11,400 m. gal.
per capita:	1,270 gal.
Withdrawals by sector:	
public supply:	12.0%
thermoelectric:	73.6%
industrial and mining:	12.1%
irrigation:	1.8%

Pollutant Releases

Toxics released:	59.9 t. tons
per capita:	12.89 pounds
Toxics transferred:	37.8 t. tons
Smog precursors:	4.1 m. tons
Acid precip. precursors:	833.7 t. tons
Greenhouse gas emissions (CO ₂ equiv.):	181.5 m. tons
per capita:	19.65 tons

Environmental Expenditures

Budget spent on environmental and natural resources:	1.42%
per capita:	\$23.96
Per capita budget by category:	
air quality:	\$0.85
drinking water:	\$0.02
forestry:	\$2.46
fish & wildlife:	\$4.88
geological survey:	\$0.10
hazardous waste:	\$0.42
land management:	\$1.33
marine & coastal progs.:	\$1.27
mining reclamation:	\$0.11
nuclear waste:	\$0.09
pesticides control:	\$0.15
soil conservation:	\$0.28
solid waste:	\$0.94
water quality:	\$10.73
water resources:	\$0.33

*Btu = British thermal unit
m. = million
sq. mi. = square mile
t. = thousand
tr. = trillion*

MICHIGAN

Agriculture

Department of Agriculture
Environmental Stewardship Division
PO Box 30017
Lansing, MI 48909 517-241-0236

Air Quality

Department of Environmental Quality
Air Quality Division
PO Box 30260
Hollister Building, 4th Floor
106 West Allegan
Lansing, MI 48909
Chief, Dennis Drake 517-373-7023

Environmental Headquarters

Department of Environmental Quality
PO Box 30473
Lansing, MI 48909
www.deq.state.mi.us
Director, Russell J Harding 517-373-7917

Department of Environmental Quality Southeast Office

38980 Seven Mile Road
Lavonia, MI 48152-1006
Director, Lynn Buhl 734-953-8905

Environmental Response

Department of Environmental Quality
Environmental Response Division
PO Box 30028
Lansing, MI 48909
Chief, Alan Howard 517-335-2419

Geological Survey

Department of Environmental Quality/Department of Natural Resources
Geological Survey Division
PO Box 30526
Lansing, MI 48909
Chief, Harold Fitch 517-334-6907

Laboratories

Department of Agriculture
Environmental Laboratory
1615 South Harison
East Lansing, MI 48823
Director, Tom Whalen 517-337-5040

Department of Community Health Bureau of Laboratories

3350 North Martin Luther Kind Boulevard
Lansing, MI 48909
Director, Frances Downes 517-335-8024

Pesticides

Department of Agriculture
Pesticide & Plant Pest Management Division
PO Box 30017
Lansing, MI 48909
Director, Ken Rauscher 517-373-1087

Public Health

Department of Community Health
320 South Walnut Street
Lansing, MI 48913
Director, James K Haveman, Jr 517-335-0267

Recycling

Waste Management Division
Resource Recovery Section
PO Box 30241
Lansing, MI 48909
Supervisor, Seth Phillips 517-373-2750

Waste Management

Department of Environmental Quality
Waste Management Division
PO Box 30241
Lansing, MI 48909
Chief, Jim Sygo 517-373-2750

Department of Environmental Quality Hazardous Waste Permit Section

PO Box 30241
Lansing, MI 48909
Chief, Kenneth Burda 517-373-0530

Underground Storage Tanks

Department of Environmental Quality
Storage Tank Division
PO Box 30157
Lansing, MI 48909
Chief, Roger Przybysz 517-373-8168

Water Quality

Department of Environmental Quality
Surface Water Quality Division
PO Box 30273
Lansing, MI 48909
Chief, David Hamilton 517-335-4176

Department of Environmental Quality Land & Water Management Division

PO Box 30458
Lansing, MI 48909
Chief, Richard Powers 517-335-3439

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