

**Common Sense Initiative, Automobile Manufacturing Sector**

*U.S. Automobile Assembly Plants and Their Communities:  
Environmental Economic, and Demographic Profile*

**Part III: Automobile/Light Duty Truck Assembly  
Plant-Community Profiles**

**46. Honda (Marysville)  
Marysville, OH**

**December 1997**

## Contents and Guidelines for Use

**Users of this profile should carefully review the description of methods, data limitations, and guidelines for use and interpretation of the data presented in Part I of the report.**

### **Contents:**

Plant Locations (National and Michigan maps)  
Plant Location, Database Identification Numbers, 1994 Production and Employment  
1991 and 1993 RCRA Biennial Report Summary  
1991-1994 TRI Releases and Transfers Summary  
1994 TRI Releases and Transfers by Chemical  
1991-1994 Volatile Organic Compound and Nitrogen Oxide Emissions  
1994 Summary of TRI Chemical Releases and Transfers from Sources within 3 Miles of Assembly Plant  
Air Quality Attainment Status for Criteria Pollutants (as of 1994)  
Community Demographic and Economic Characteristics  
Facility Location (map)  
Area Wide 1994 TRI Emission Profile (map)  
1994 TRI Releases and Transfers from Sources within 3 Miles of Assembly Plant, by Chemical  
Demographic Characteristics (maps)

### **General Guidelines for Use**

Efforts have been made to ensure that the data presented here are accurate. The Project Team could not independently verify data accuracy in all cases, however, and some errors may remain. The following is a partial list of factors that should be considered in using these profiles:

1. Current releases presented in this report represent only some of the contamination sources in a given area. Data on historical releases (prior to 1991) were not included, and releases from non-assembly plant emission sources were identified only through the Toxics Release Inventory (TRI). TRI data do not cover all sources of releases. Considering only TRI data for a given community may mis-state the relative contribution of plants and their neighboring TRI facilities to an area's total releases.
2. Care must be taken to distinguish true changes over time in environmental releases from apparent changes, due, for example, to changes in the scope of reporting requirements.
3. TRI data are often based on engineering estimates and are reported on an annual basis. Data on releases over shorter time frames are not available.
4. TRI, the Biennial Report and other databases do not include all substances and environmental releases of concern.

### **Notes on Comparisons Across Facilities**

1. The following factors can affect an assembly plant's environmental profile, among other things: the number of vehicles produced, plant age, process equipment age, and vehicle size and configuration.
2. Some plants are highly-integrated, performing some parts and all assembly steps in-house. Others obtain parts from other manufacturing facilities, or share assembly operations with another plant.
3. States differ in how they define hazardous waste and how they treat recycled wastes and small quantity generators. Therefore, data on quantities of BRS wastes generated may not be comparable for plants located in different states.
4. Area-wide averages for economic and demographic characteristics may be better or worse measures of the plant's immediate community, depending on the specific location of a plant within the reporting area.

**Plant-Community Profile:  
Honda  
Marysville OH**

12/2/97

<b>LOCATION</b>	Address	24000 Honda Pkwy., Marysville OH 43040		<b>DESCRIPTION</b>	Plant opened in 1982;	
	Lat/Long:	latitude (degrees N)	40 17' 7"		Produced Accord in 1994.	
		longitude (degrees W)	83 31' 35"	<b>ID NUMBERS</b>	RCRA ID	OHD987027828
	County:	Union	MSA: na		AIRS ID	AFS0001090010
	Other counties within 3 miles of plant:	Logan, Champaign			NPDES ID	OH0097039
			TRI	43040HNDFM24000		

<b>OPERATIONS</b>	<b>Production</b>	<b>Employment</b>
Calendar Year: 1991	356,980	
1992	341,924	
1993	283,038	
1994	360,591	5,300

**PLANT ENVIRONMENTAL PROFILE**

**RCRA BIENNIAL REPORT**

<i>Waste Code(s)</i>	<i>Wastewater?</i>	<i>Physical Form</i>	<i>Source</i>	<i>Mgd. On/Off-Site</i>	<i>Management Method</i>	<i>Quantity Generated (tons)</i>	<i>Quantity Shipped (tons)</i>	<i>Quantity Mgd. On-Site (tons)</i>
1991								
			[facility not found in national database]					
<b>TOTAL - 1991</b>								
1993								
			[facility not found in national database]					
<b>TOTAL - 1993</b>								

**TOXICS RELEASE INVENTORY**

<i>Total lbs of TRI chemicals:</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Energy Recovery</i>	<i>Off-Site Recycling</i>	<i>Off-Site Treatment</i>	<i>Off-Site Disposal</i>	<i>Total Transfers</i>
1991	1,491,305	2,545,210	4,036,515	50,080	2,684,505	355,700	5,060	140,970	3,236,315
1992	2,290,434	1,303,438	3,593,872	6,153	3,490,534	337,316	6,813	162,344	4,003,160
1993	1,888,000	1,550,305	3,438,305	3,019	1,933,905	155,604	4,881	60,276	2,157,685
1994	791,792	1,548,434	2,340,226	8,207	1,803,513	3,053	9,877	130,058	1,954,708
<b>Lbs. per vehicle produced:</b>									
1991	4.18	7.13	11.31	0.14	7.52	1.00	0.01	0.39	9.07
1992	6.70	3.81	10.51	0.02	10.21	0.99	0.02	0.47	11.71
1993	6.67	5.48	12.15	0.01	6.83	0.55	0.02	0.21	7.62
1994	2.20	4.29	6.49	0.02	5.00	0.01	0.03	0.36	5.42

**Plant-Community Profile:  
Honda  
Marysville OH**

12/2/97

**PLANT ENVIRONMENTAL PROFILE (continued)**

**1994 TRI Emissions/Releases by Chemical (lbs.)**

<i>Chemical Name</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Energy Recovery</i>	<i>Off-Site Recycling</i>	<i>Off-Site Treatment</i>	<i>Off-Site Disposal</i>	<i>Total Transfers</i>
METHANOL	8,483	104,642	113,125	0	60,793	0	250	5	61,048
N-BUTYL ALCOHOL	786	177,948	178,734	5	25,498	0	5	5	25,513
BENZENE	1,895	18,549	20,444	0	556	0	927	0	1,483
1,1,1-TRICHLOROETHANE	116,514	230,006	346,520	0	222,537	0	3,338	0	225,875
DICHLOROMETHANE	8,497	0	8,497	0	10,401	0	0	0	10,401
METHYL ETHYL KETONE	28,757	113,809	142,566	0	11,138	0	0	0	11,138
NAPHTHALENE	15	4,093	4,108	0	0	0	0	0	0
1,2,4-TRIMETHYLBENZENE	1,405	34,518	35,923	0	30,838	0	577	0	31,415
CUMENE	8	6,873	6,881	0	1,429	0	0	0	1,429
ETHYLBENZENE	79,893	42,140	122,033	0	211,717	0	331	0	212,048
STYRENE	50	0	50	0	0	0	0	250	250
ETHYLENE GLYCOL	49,984	24,740	74,724	247	0	0	0	0	247
METHYL ISOBUTYL KETONE	19	48	67	0	2,039	0	0	0	2,039
TOLUENE	36,378	88,275	124,653	5	40,684	0	1,915	5	42,609
1,4-DIOXANE	3	0	3	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	451,636	556,730	1,008,366	20	1,176,613	0	2,034	14	1,178,681
METHYL TERT-BUTYL ETHER	590	5,751	6,341	0	250	0	250	0	500
COPPER	7	1	8	0	0	0	0	0	0
HYDROCHLORIC ACID	1,346	0	1,346	250	0	0	0	0	250
PHOSPHORIC ACID	31	0	31	0	0	0	0	0	0
SULFURIC ACID	2,147	0	2,147	250	0	0	0	0	250
NITRIC ACID	2,026	0	2,026	250	0	0	0	0	250
CHROMIUM COMPOUNDS	32	0	32	250	0	0	0	532	782
GLYCOL ETHERS	1,288	140,311	141,599	156	9,020	3,053	0	302	12,531
LEAD COMPOUNDS	0	0	0	0	0	0	250	250	500
MANGANESE COMPOUNDS	0	0	0	397	0	0	0	7,538	7,935
NICKEL COMPOUNDS	2	0	2	459	0	0	0	8,715	9,174
ZINC COMPOUNDS	0	0	0	5,918	0	0	0	112,442	118,360
<b>TOTAL</b>	<b>791,792</b>	<b>1,548,434</b>	<b>2,340,226</b>	<b>8,207</b>	<b>1,803,513</b>	<b>3,053</b>	<b>9,877</b>	<b>130,058</b>	<b>1,954,708</b>

**VOC/NOx Emissions:  
(lbs/year)**

	<b>VOCs</b>	<b>NOx</b>
1990	6,509,660	NA
1991	NA	NA
1992	NA	NA
1993	NA	NA
1994	NA	NA

**Plant-Community Profile:  
Honda  
Marysville OH**

12/2/97

**COMMUNITY ENVIRONMENTAL PROFILE**

**TRI Chemical Releases & Transfers from Sources Within 3 Miles of Auto/LDT Plant (lbs.)**

<i>Facility (w. map #)</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Transfers</i>	<i>Total Transfers</i>
2 BELLEMAR PARTS IND. INC.	0	5	5	0	15,446	15,446
<b>Total</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>15,446</b>	<b>15,446</b>

**Air Quality Attainment Status  
(as of 1994)\***

ozone - attainment or unclassifiable  
carbon monoxide - attainment or unclassifiable  
particulates - unclassifiable  
lead - unclassifiable  
NO2 - cannot be classified or better than national standards  
SO2 - attainment

\* no changes in designations occurred between 1994 and 1996

**Plant-Community Profile:  
Honda  
Marysville OH**

12/2/97

**COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS**

	<i>Census Block</i>	<i>0-1 Mile</i>	<i>0-3 Miles</i>	<i>1-3 Miles</i>	<i>3-5 Miles</i>	<i>County</i>	<i>State</i>	<i>U.S.</i>
Total Population (1994)	NA	NA	NA	NA	NA	35,421	11,102,268	260,340,990
Total Population (1990)	788	101	990	889	2,316	31,969	10,847,115	248,709,873
% Change 1990-1994	NA	NA	NA	NA	NA	11	2	5
Total Area (sq. mi.) (1990)	26.3	3.1	28.2	25.1	50.2	436.7	40,952.6	3,536,278.1
Population/sq. mi. (land area) (1990)	30	32	35	35	46	73	265	70
Median Household Income (1994)						NA	31,855	32,264
Median Household Income (1989)						33,244	28,706	30,056
% Change 1979-1989 (constant \$)						14	-4	7
% Change 1989-1994 (constant \$)						NA	11	7
Per Capita Personal Income (1993)						19,003	19,696	20,800
Per Capita Personal Income (1989)						16,815	16,644	17,690
% Change 1989-1993 (current \$)						13	18	18
Minority Percentage (1990)	0	0	1	1	1	4	12	20
Pct. of Households Below Poverty Level (1989)	18	17	15	14	13	0	24	20
Pct. Not Completing High School (1990)	21	20	20	20	20	23	23	25
Total Employment (1994) (civilian nonfarm)						15,706	5,537,000	131,056,000
Unemployment Rate (1994)						5	6	6
Manufacturing Employment (1993)						9,843	1,046,039	18,183,381
Mfgr. as % Total Employment (1993)						58	25	19
Manufacturing Employment (1992)						NA	1,046,000	18,253,000
Production Workers (1992)						NA	681,000	11,654,000
% Change in Mfgr. Employment 1987-1992						NA	-5	-4
Assembly Plant as % Total Mfgr. Workers						54		

Data sources used were not always complete or current.  
Attempts have been made to verify data, but errors may still exist.



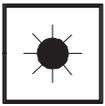
HONDA OF AMERICA MFG INC  
24000 HONDA PKY  
MARYSVILLE OH  
Tri Number: 43040HNDFM24000

Map #	SIC	Name	Address	City	State
0	3711	HONDA OF AMERICA MFG. INC.	24000 HONDA PKY.	MARYSVILLE	OH
2	3714	BELLEMAR PARTS IND. INC.	25000 U.S. RTE. 33	MARYSVILLE	OH

# AREA WIDE 1994 TRI EMISSION PROFILE

HONDA OF AMERICA MFG INC  
UNION COUNTY, Ohio

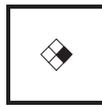
Latitude: 40 17 7  
Longitude: 83 31 35



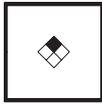
Map Key:  
Auto  
Plant  
Truck



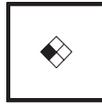
Air  
Release



Land  
Release

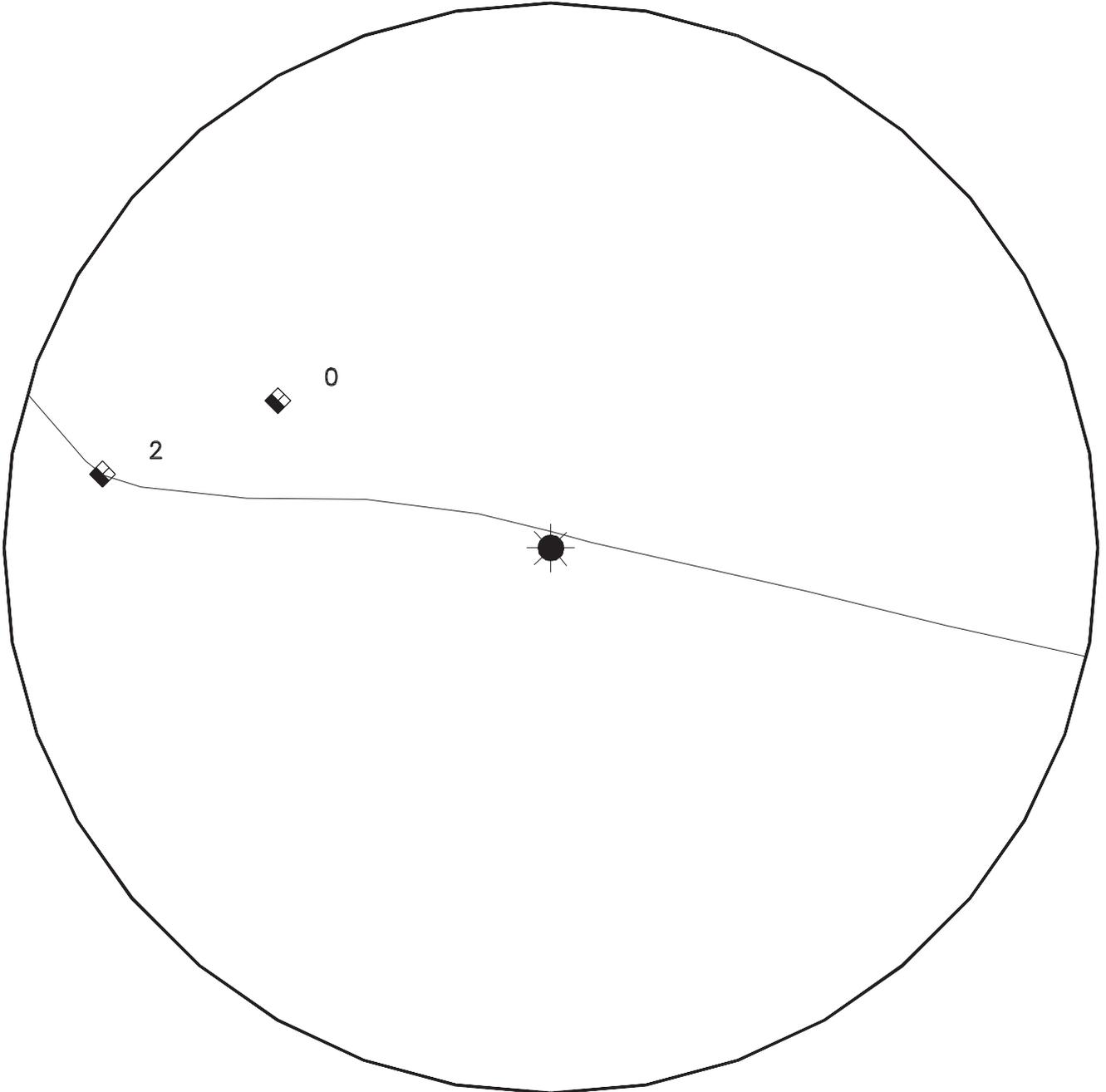


Water  
Release



Transfer  
location  
To offsite

3 Mile Buffer



Number without a Symbol denotes no reported emissions over 0.5 pounds per year

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF  
HONDA OF AMERICA MFG INC TRI NO: 43040HNDFM24000

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
HONDA OF AMERICA MFG. INC. SIC DESCRIPTION: MOTOR VEHICLES & CAR BODIES MAP LOCATION NO: 0								
24000 HONDA PKY. OH 43040 SIC CODE: 3711								
MARYSVILLE								
METHANOL	8,483	104,642	0	0	113,125	0	61,048	61,048
N-BUTYL ALCOHOL	786	177,948	0	0	178,734	5	25,508	25,513
BENZENE	1,895	18,549	0	0	20,444	0	1,483	1,483
1,1,1-TRICHLOROETHANE	116,514	230,006	0	0	346,520	0	225,875	225,875
DICHLOROMETHANE	8,497	0	0	0	8,497	0	10,401	10,401
METHYL ETHYL KETONE	28,757	113,809	0	0	142,566	0	11,138	11,138
NAPHTHALENE	15	4,093	0	0	4,108	0	0	0
1,2,4-TRIMETHYLBENZENE	1,405	34,518	0	0	35,923	0	31,415	31,415
CUMENE	8	6,873	0	0	6,881	0	1,429	1,429
ETHYLBENZENE	79,893	42,140	0	0	122,033	0	212,048	212,048
STYRENE	50	0	0	0	50	0	250	250
ETHYLENE GLYCOL	49,984	24,740	0	0	74,724	247	0	247
METHYL ISOBUTYL KETONE	19	48	0	0	67	0	2,039	2,039
TOLUENE	36,378	88,275	0	0	124,653	5	42,604	42,609
1,4-DIOXANE	3	0	0	0	3	0	0	0
XYLENE (MIXED ISOMERS)	451,636	556,730	0	0	1,008,366	20	1,178,661	1,178,681
METHYL TERT-BUTYL ETHER	590	5,751	0	0	6,341	0	500	500
COPPER	7	1	0	0	8	0	0	0
HYDROCHLORIC ACID	1,346	0	0	0	1,346	250	0	250
PHOSPHORIC ACID	31	0	0	0	31	0	0	0
SULFURIC ACID	2,147	0	0	0	2,147	250	0	250
NITRIC ACID	2,026	0	0	0	2,026	250	0	250
CHROMIUM COMPOUNDS	32	0	0	0	32	250	532	782
GLYCOL ETHERS	1,288	140,311	0	0	141,599	156	12,375	12,531
LEAD COMPOUNDS	0	0	0	0	0	0	500	500
MANGANESE COMPOUNDS	0	0	0	0	0	397	7,538	7,935
NICKEL COMPOUNDS	2	0	0	0	2	459	8,715	9,174
ZINC COMPOUNDS	0	0	0	0	0	5,918	112,442	118,360
SUBTOTALS	791,792	1,548,434	0	0	2,340,226	8,207	1,946,501	1,954,708

BELLEMAR PARTS IND. INC. SIC DESCRIPTION: MOTOR VEHICLE PARTS & ACCESSOR MAP LOCATION NO: 2								
25000 U.S. RTE. 33 OH 43040 SIC CODE: 3714								
MARYSVILLE								
HYDROCHLORIC ACID	0	5	0	0	5	0	15,446	15,446
SUBTOTALS	0	5	0	0	5	0	15,446	15,446

# Honda (Marysville)

## Marysville Union County, Ohio

Latitude: 40 17 7 N  
 Longitude: 83 31 35 W

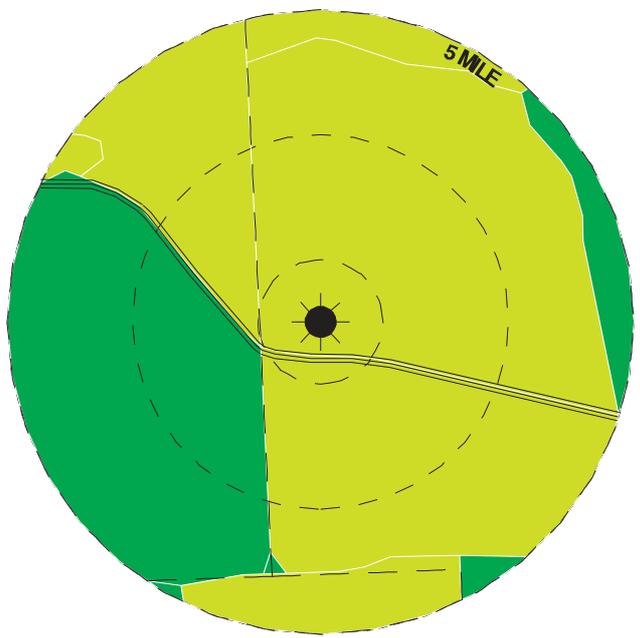
- MAP KEY:**
-  County Boundaries
  -  Inter State Highway
  -  US Highway
  -  Rail Road
  -  One Mile
  -  Three Miles
  -  Five Miles

- POPULATION DENSITY / SQ. MILE**
-  Greater than 10000
  -  1000 - 10000
  -  100 - 1000
  -  10-100
  -  1-10

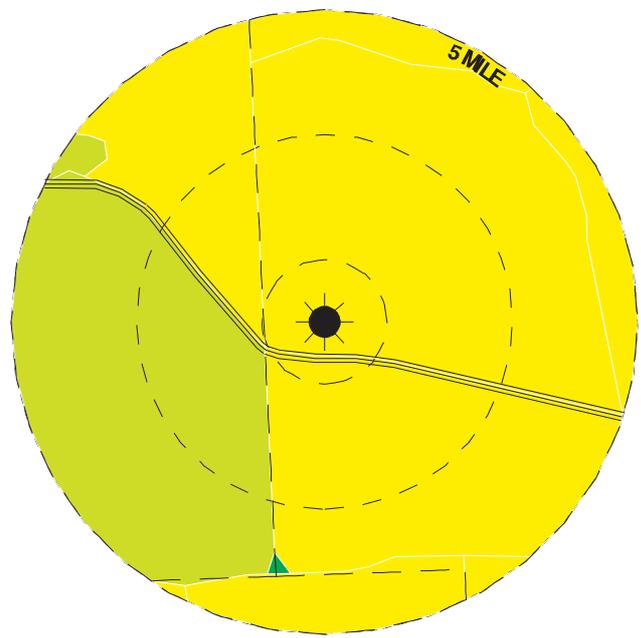
- Minority, poverty, and High School Incomplete percentages**
-  Greater than 50
  -  40 - 50
  -  30 - 40
  -  20 - 30
  -  10 - 20
  -  0 - 10



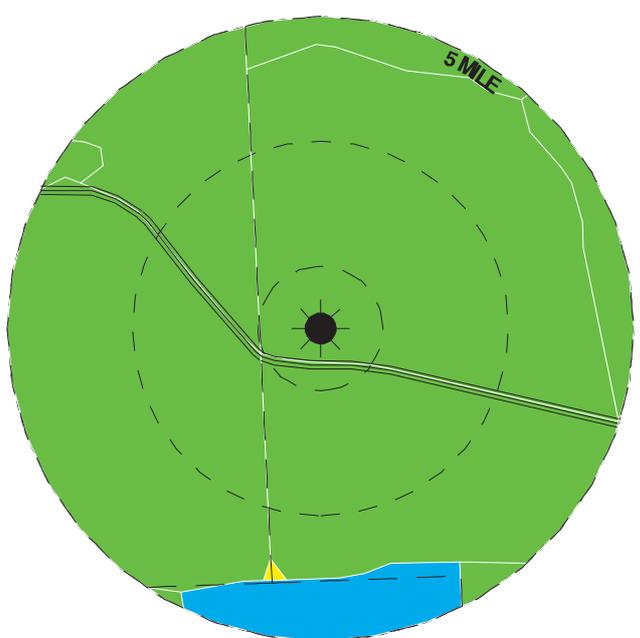
Percentage of Total Population Below Poverty Level



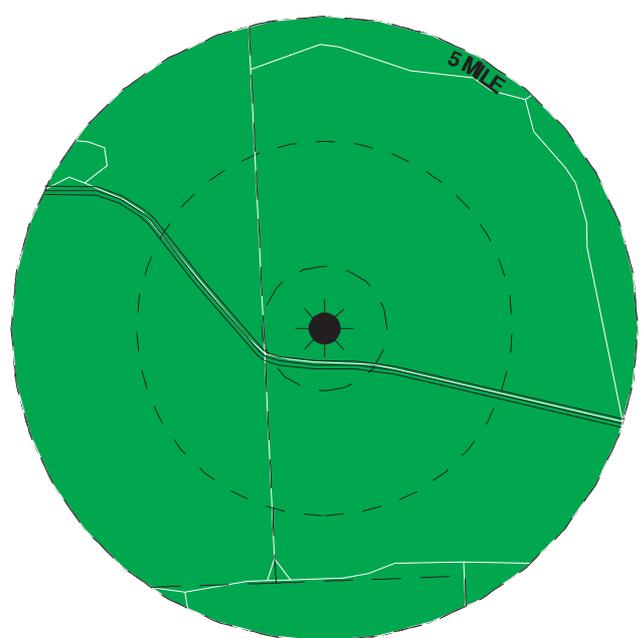
Percentage of Population not Completing High School



Population Density People Per Sq. Mile



Minority Population Percent of Total Population



# Honda ( Marysville )

## Marysville Union County, Ohio

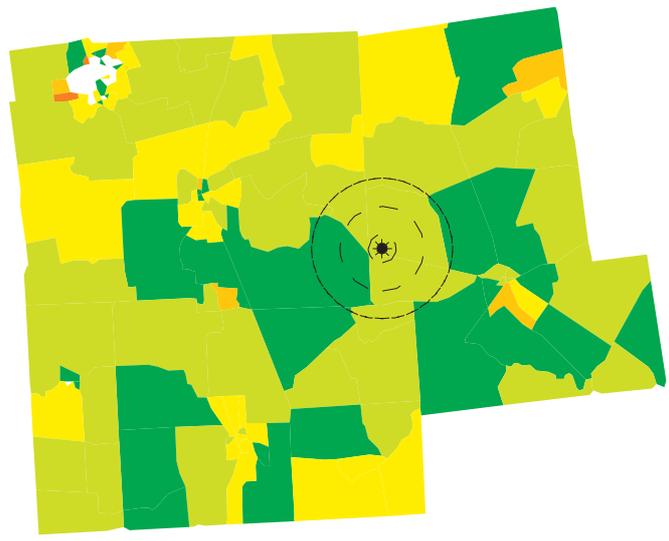
Latitude: 40 17 7 N  
 Longitude: 83 31 35 W

- MAP KEY:**
- County Boundaries
  - Inter State Highway
  - US Highway
  - Rail Road
  - One Mile
  - Three Miles
  - Five Miles
- POPULATION DENSITY / SQ. MILE**
- Greater than 10000
  - 1000 - 10000
  - 100 - 1000
  - 10-100
  - 1-10

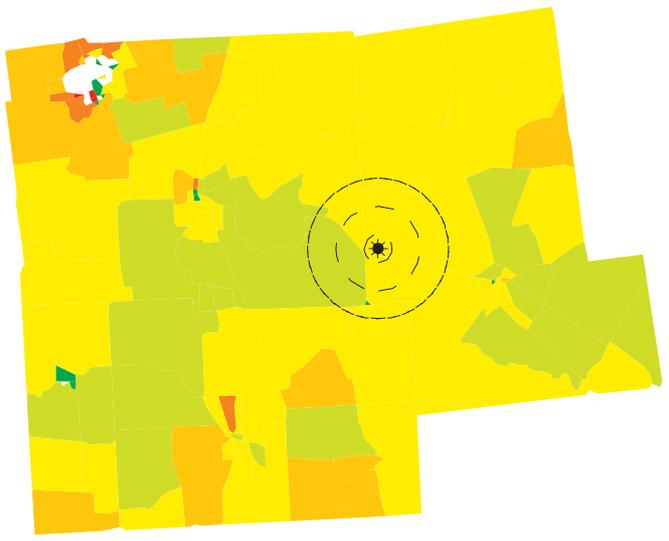
- Minority, poverty, and High School Incomplete percentages**
- Greater than 50
  - 40 - 50
  - 30 - 40
  - 20 - 30
  - 10 - 20
  - 0 - 10



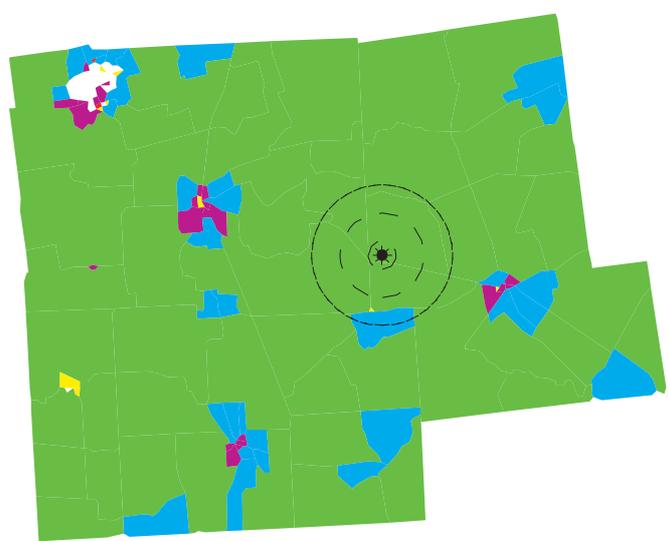
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density  
 People Per Sq. Mile



Minority Population  
 Percent of Total Population

