

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**

**15. Ford Motor Co.
Louisville, KY**

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:

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1994 Summary of TRI Chemical Releases and Transfers from Sources within 3 Miles of Assembly Plant
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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:
Ford Motor Co.
Louisville KY**

12/2/97

LOCATION	Address	Fern Valley Rd @ Grade Ln, Louisville KY 40213	DESCRIPTION	Plant opened 1955; Produced Ford Explorer, Ranger and Mazda Navajo in 1994.			
	Lat/Long:	latitude (degrees N) 38 9' 26"		ID NUMBERS	RCRA ID	KYD 071315899	
		longitude (degrees W) 85 43' 55"			AIRS ID	AFS2111100072	
	County:	Jefferson MSA: Louisville KY-IN			NPDES ID	KY0002658	
	Other counties within 3 miles of plant:	none			TRI	40213FRDMTFERNV	
OPERATIONS	Production	Employment					
Calendar Year: 1991	393,762						
1992	380,645						
1993	415,674						
1994	371,288	3,682					

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>
<i>1991</i>								
D001 (ignitable)	N	B203 org. liquids	A21 painting	Off	M029 solvents recov.	1,202.3	1,202.3	0.0
D001 (ignitable)	N	B203 org. liquids	A21 painting	Off	M041 incineration	7.5	7.5	0.0
D001(ignit) D018 (benzene) D039	N	B211 org. liquids	A19 other clean/degr.	Off	M029 solvents recov.	0.3	0.3	0.0
D001(ignit) D018 (benzene) D039	N	B211 org. liquids	A19 other clean/degr.	Off	M141 transfer facil.	1.3	1.3	0.0
D001(ignit) F003, F005 (solvents)	N	B203 org. liquids	A21 painting	Off	M061 fuel blending	84.4	84.4	0.0
D001, D006, F003, F005, D007, D008	N	B203 org. liquids	A19 other clean/degr.	Off	M029 solvents recov.	1.3	1.3	0.0
D008 (lead)	N	B604 org. sludges	A21 painting	Off	M132 landfill	60.5	60.5	0.0
TOTAL - 1991						1,357.6	1,357.6	0.0
<i>1993</i>								
D001 (ignit.) F003, F005 (solvents)	N	B203 org. liquid	A21 painting	Off	M061 fuel blending	48.9	48.9	0.0
D001 (ignitable)	N	B203 org. liquid	A21 painting	Off	M021 solvents recov.	1,197.1	1,197.1	0.0
D001, D006, F003, F005	N	B203 org. liquid	A19 other clean/degr.	Off	M141 transfer facil.	1.3	1.3	0.0
D001, D018, D039	N	B211org. liquid	A19 other clean/degr.	Off	M125 other treat.	2.3	2.3	0.0
D008 (lead)	N	B604 org. sludges	A24 phosphating	Off	M132 landfill	100.8	100.8	0.0
D009 (mercury)	N	B117 inorg liquid	A56 1x/intermittent	Off	M012 metals recov.	0.0	0.0	0.0
D009 (mercury)	N	B319 inorg. solids	A56 1x/intermittent	Off	M012 metals recov.	0.8	0.8	0.0
TOTAL - 1993						1,351.1	1,351.1	0.0

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	40,213	1,826,777	1,866,990	301,321	20,800	1,252,540	30,001	33,210	1,637,872
1992	49,360	1,475,159	1,524,519	142,593	0	1,484,930	0	36,922	1,664,445
1993	70,840	1,531,589	1,602,429	134,954	103,070	1,527,280	0	64,110	1,829,414
1994	129,581	1,231,514	1,361,095	115,320	33,970	1,552,690	0	29,125	1,731,105
Lbs. per vehicle produced:									
1991	0.10	4.64	4.74	0.77	0.05	3.18	0.08	0.08	4.16
1992	0.13	3.88	4.01	0.37	0.00	3.90	0.00	0.10	4.37
1993	0.17	3.68	3.86	0.32	0.25	3.67	0.00	0.15	4.40
1994	0.35	3.32	3.67	0.31	0.09	4.18	0.00	0.08	4.66

**Plant-Community Profile:
Ford Motor Co.
Louisville KY**

12/2/97

PLANT ENVIRONMENTAL PROFILE (continued)

1994 TRI Emissions/Releases by Chemical (lbs.)

Chemical Name	Air-Fugitive Emissions	Air-Stack Emissions	Total Releases	Discharge to POTW	Off-Site Energy Recovery	Off-Site Recycling	Off-Site Treatment	Off-Site Disposal	Total Transfers
FORMALDEHYDE	24	4,700	4,724	0	180	1,060	0	0	1,240
METHANOL	2,500	43,000	45,500	0	1,600	9,100	0	0	10,700
N-BUTYL ALCOHOL	1,100	160,000	161,100	0	5,700	32,400	0	0	38,100
BENZENE	41	110	151	0	0	0	0	0	0
METHYL ETHYL KETONE	18,000	7,800	25,800	0	160	8,700	0	0	8,860
1,2,4-TRIMETHYLBENZENE	71,000	23,000	94,000	0	2,700	14,900	0	0	17,600
ETHYLBENZENE	2,400	93,000	95,400	0	3,000	188,000	0	0	191,000
ETHYLENE GLYCOL	0	0	0	10,000	0	530	0	0	10,530
METHYL ISOBUTYL KETONE	19,000	200,000	219,000	3,000	860	430,000	0	0	433,860
TOLUENE	1,900	8,800	10,700	0	70	25,500	0	0	25,570
CYCLOHEXANE	1	4	5	0	0	0	0	0	0
PROPYLENE	150	0	150	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	8,800	560,000	568,800	0	17,000	830,000	0	0	847,000
METHYL TERT-BUTYL ETHER	410	1,100	1,510	0	0	0	0	0	0
NITRIC ACID	5	0	5	0	0	0	0	0	0
GLYCOL ETHERS	4,000	130,000	134,000	100,000	2,700	12,500	0	0	115,200
MANGANESE COMPOUNDS	0	0	0	470	0	0	0	4,700	5,170
NICKEL COMPOUNDS	0	0	0	550	0	0	0	6,400	6,950
ZINC COMPOUNDS	250	0	250	1,300	0	0	0	18,025	19,325
TOTAL	129,581	1,231,514	1,361,095	115,320	33,970	1,552,690	0	29,125	1,731,105

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

	VOCs	NOx
1990	4,050,000	228,000
1991	NA	NA
1992	NA	NA
1993	4,880,000	244,000
1994	3,014,000	210,000

**Plant-Community Profile:
Ford Motor Co.
Louisville KY**

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>
1 REYNOLDS METALS PLANT #15	0	0	0	0	45,223	45,223
2 DEVOE & RAYNOLDS CO.	3,972	0	3,972	3,048	1,103	4,151
3 STONE CONTAINER CORP. BAG DIV.	12,922	1,477	14,399	0	1,500	1,500
4 JOHNSON CONTROLS BATTERY GRC	60	200	265	2	3,713,000	3,713,002
5 PURINA MILLS INC.	500	10	510	0	500	500
7 CALDWELL TANKS INC.	4,307	10,050	14,357	0	13,970	13,970
8 CARDINAL ALUMINUM CO. PLANT 1	265	4,799	5,064	12,857	401,100	413,957
9 CARDINAL ALUMINUM CO. PLANT 3	1,010	15,461	16,471	3,513	0	3,513
10 CONCO INC. CONCO INC. DIV.	1,600	8,708	10,308	0	6,838	6,838
11 PPG ARCHITECTURAL FINISHES	15	1,711	1,726	0	1,421	1,421
12 LOUISVILLE COOLER MFG. CO.	1	0	1	0	0	0
13 DAVIES CAN CO.	0	0	0	0	0	0
Total	24,652	42,416	67,073	19,420	4,184,655	4,204,075

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

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

* No changes in status since 1994.

**Plant-Community Profile:
Ford Motor Co.
Louisville KY**

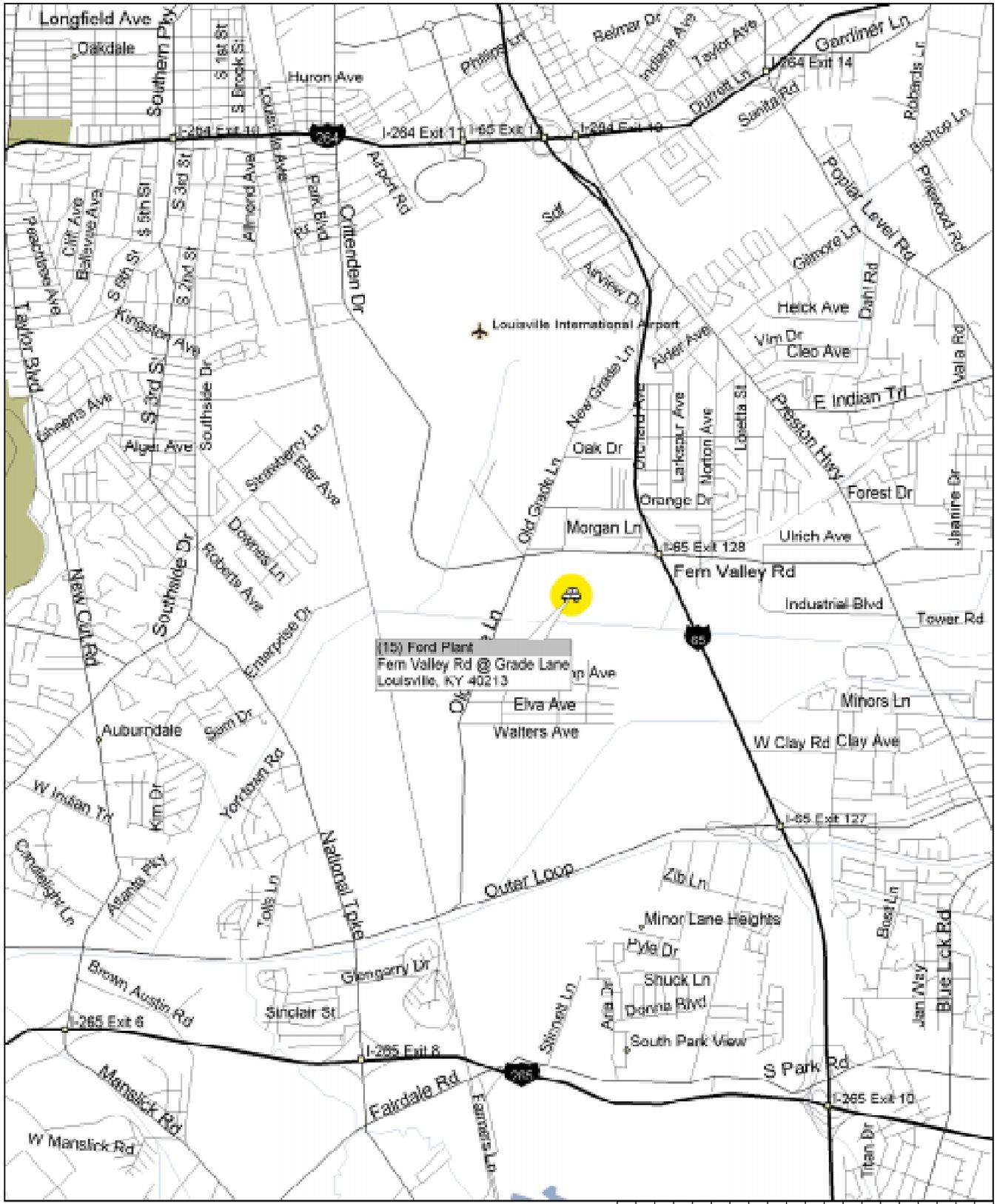
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COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS

	<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	672,310	3,826,839	260,340,990
Total Population (1990)	140	1,670	66,274	64,604	163,097	664,937	3,685,296	248,709,873
% Change 1990-1994	NA	NA	NA	NA	NA	1	4	5
Total Area (sq. mi.) (1990)	3.9	3.1	28.2	25.1	50.2	385.1	39,732.3	3,536,278.1
Population/sq. mi. (land area) (1990)	36	534	2,391	2,627	3,354	1,727	93	70
Median Household Income (1994)						NA	26,595	32,264
Median Household Income (1989)						27,092	21,949	30,056
% Change 1979-1989 (constant \$)						-3	-14	7
% Change 1989-1994 (constant \$)						NA	<0.5	7
Per Capita Personal Income (1993)						22,372	16,889	20,800
Per Capita Personal Income (1989)						17,985	13,756	17,690
% Change 1989-1993 (current \$)						24	23	18
Minority Percentage (1990)	0	5	9	9	11	18	7	20
Pct. of Households Below Poverty Level (1989)	27	18	23	23	22	18	21	20
Pct. Not Completing High School (1990)	25	29	31	31	27	25	33	25
Total Employment (1994) (civilian nonfarm)						363,151	1,825,000	131,056,000
Unemployment Rate (1994)						5	5	6
Manufacturing Employment (1993)						62,608	284,185	18,183,381
Mfgr. as % Total Employment (1993)						18	23	19
Manufacturing Employment (1992)						NA	277,000	18,253,000
Production Workers (1992)						NA	203,000	11,654,000
% Change in Mfgr. Employment 1987-1992						NA	10	-4
Assembly Plant as % Total Mfgr. Workers						6		

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

Louisville, KY, Ford Plant - Fern Valley Road



Microsoft **Maplets**

Streets98

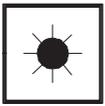
FORD MOTOR CO
FERN VALLEY RD & GLADE
LOUISVILLE KY
Tri Number: 40213FRDMTFERNV

Map #	SIC	Name	Address	City	State
0	3711	FORD MOTOR CO. LOUISVILLE ASSEMBLY PLT.	FERN VALLEY RD. & GRADE LN.	LOUISVILLE	KY
1	3354	REYNOLDS METALS PLANT #15	4301 PRODUCE RD.	LOUISVILLE	KY
2	2851	DEVOE & RAYNOLDS CO.	101 LOUISVILLE AIR PARK	LOUISVILLE	KY
3	2674	STONE CONTAINER CORP. BAG DIV.	8004 ASHBOTTOM RD.	LOUISVILLE	KY
4	3691	JOHNSON CONTROLS BATTERY GROUP INC.	3200 FERN VALLEY RD.	LOUISVILLE	KY
5	2048	PURINA MILLS INC.	6315 INDUSTRIAL BLVD.	LOUISVILLE	KY
7	3443	CALDWELL TANKS INC.	4000 TOWER RD.	LOUISVILLE	KY
8	3354	CARDINAL ALUMINUM CO. PLANT 1	6910 PRESTON HWY. P.O. BOX 19987	LOUISVILLE	KY
9	3354	CARDINAL ALUMINUM CO. PLANT 3	4005 OAKLAWN DR.	LOUISVILLE	KY
10	3411	CONCO INC. CONCO INC. DIV.	4000 OAKLAWN DR.	LOUISVILLE	KY
11	2851	PPG ARCHITECTURAL FINISHES	6804 ENTERPRISE DR.	LOUISVILLE	KY
12	3585	LOUISVILLE COOLER MFG. CO.	7657 NATIONAL TURNPIKE	LOUISVILLE	KY
13	3411	DAVIES CAN CO.	8191 NATIONAL TURNPIKE	LOUISVILLE	KY

AREA WIDE 1994 TRI EMISSION PROFILE

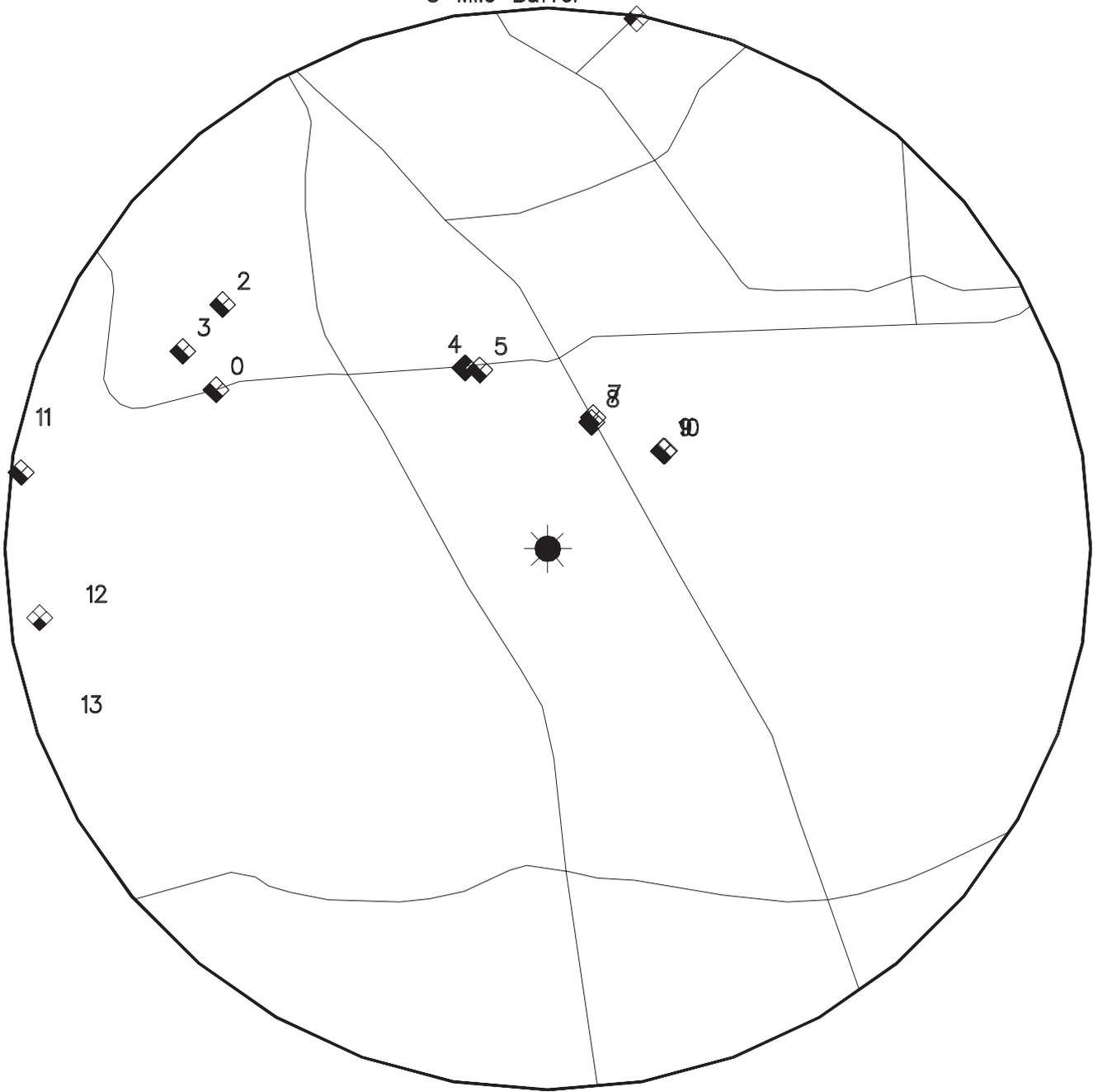
FORD MOTOR CO
JEFFERSON COUNTY, Kentucky

Latitude: 38 9 26
Longitude: 85 43 55



- Map Key:
- Auto Release
 - Plant Truck Release
 - Water Release
 - Land 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
 FORD MOTOR CO TRI NO: 40213FRDMTFERNV

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
FORD MOTOR CO. LOUISVILLE ASSEMBLY PLT. SIC DESCRIPTION: MOTOR VEHICLES & CAR BODIES MAP LOCATION NO: 0 FERN VALLEY RD. & GRADE LN. SIC CODE: 3711 LOUISVILLE KY 40213								
FORMALDEHYDE	24	4,700	0	0	4,724	0	1,240	1,240
METHANOL	2,500	43,000	0	0	45,500	0	10,700	10,700
N-BUTYL ALCOHOL	1,100	160,000	0	0	161,100	0	38,100	38,100
BENZENE	41	110	0	0	151	0	0	0
METHYL ETHYL KETONE	18,000	7,800	0	0	25,800	0	8,860	8,860
1,2,4-TRIMETHYLBENZENE	71,000	23,000	0	0	94,000	0	17,600	17,600
ETHYLBENZENE	580	77,000	0	0	77,580	0	191,000	191,000
ETHYLENE GLYCOL	0	0	0	0	0	10,000	530	10,530
METHYL ISOBUTYL KETONE	19,000	200,000	0	0	219,000	3,000	430,860	433,860
TOLUENE	1,900	8,800	0	0	10,700	0	25,570	25,570
CYCLOHEXANE	1	4	0	0	5	0	0	0
PROPYLENE	150	0	0	0	150	0	0	0
XYLENE (MIXED ISOMERS)	8,800	560,000	0	0	568,800	0	847,000	847,000
METHYL TERT-BUTYL ETHER	410	1,100	0	0	1,510	0	0	0
NITRIC ACID	5	0	0	0	5	0	0	0
GLYCOL ETHERS	4,000	130,000	0	0	134,000	100,000	15,200	115,200
MANGANESE COMPOUNDS	0	0	0	0	0	470	4,700	5,170
NICKEL COMPOUNDS	0	0	0	0	0	550	6,400	6,950
ZINC COMPOUNDS	250	0	0	0	250	1,300	18,025	19,325
SUBTOTALS	127,761	1,215,514	0	0	1,343,275	115,320	1,615,785	1,731,105

REYNOLDS METALS PLANT #15 SIC DESCRIPTION: ALUMINUM EXTRUDED PRODUCTS MAP LOCATION NO: 1 4301 PRODUCE RD. SIC CODE: 3354 LOUISVILLE KY 40218								
MANGANESE	0	0	0	0	0	0	37,000	37,000
CHROMIUM	0	0	0	0	0	0	8,223	8,223
SUBTOTALS	0	0	0	0	0	0	45,223	45,223

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 40213FRDMTFERNV

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
DEVOE & RAYNOLDS CO. SIC DESCRIPTION: PAINTS/VARNISH/LACQUERS/ENAMEL MAP LOCATION NO: 2 101 LOUISVILLE AIR PARK SIC CODE: 2851 LOUISVILLE KY 40213								
ETHYLENE GLYCOL	91	0	0	0	91	2,350	266	2,616
XYLENE (MIXED ISOMERS)	463	0	0	0	463	2	103	105
GLYCOL ETHERS	3,418	0	0	0	3,418	696	734	1,430
SUBTOTALS	3,972	0	0	0	3,972	3,048	1,103	4,151
STONE CONTAINER CORP. BAG DIV. SIC DESCRIPTION: BAGS,UNCOATD PAPER & MULTIWALL MAP LOCATION NO: 3 8004 ASHBOTTOM RD. SIC CODE: 2674 LOUISVILLE KY 40213								
TOLUENE	7,553	863	0	0	8,416	0	750	750
XYLENE (MIXED ISOMERS)	5,369	614	0	0	5,983	0	750	750
SUBTOTALS	12,922	1,477	0	0	14,399	0	1,500	1,500
JOHNSON CONTROLS BATTERY GROUP INC. SIC DESCRIPTION: STORAGE BATTERIES MAP LOCATION NO: 4 3200 FERN VALLEY RD. SIC CODE: 3691 LOUISVILLE KY 40213 3598								
ANTIMONY	0	0	0	0	0	0	13,000	13,000
SULFURIC ACID	10	0	0	0	10	0	0	0
LEAD COMPOUNDS	50	200	5	0	255	2	3,700,000	3,700,002
SUBTOTALS	60	200	5	0	265	2	3,713,000	3,713,002

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 40213FRDMTFERNV

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	
<hr/>									
PURINA MILLS INC. 6315 INDUSTRIAL BLVD. LOUISVILLE KY 40219	SIC DESCRIPTION: PREP FEEDS & INGRED FOR ANIMA			MAP LOCATION NO:			5		
	SIC CODE: 2048								
MANGANESE COMPOUNDS	250	5	0	0	255	0	250	250	
ZINC COMPOUNDS	250	5	0	0	255	0	250	250	
SUBTOTALS	500	10	0	0	510	0	500	500	
<hr/>									
CALDWELL TANKS INC. 4000 TOWER RD. LOUISVILLE KY 40219	SIC DESCRIPTION: FAB PLATE WORK (BOILER SHOPS)			MAP LOCATION NO:			7		
	SIC CODE: 3443								
XYLENE (MIXED ISOMERS)	4,307	10,050	0	0	14,357	0	5,470	5,470	
BARIUM COMPOUNDS	0	0	0	0	0	0	8,500	8,500	
SUBTOTALS	4,307	10,050	0	0	14,357	0	13,970	13,970	
<hr/>									
CARDINAL ALUMINUM CO. PLANT 1 6910 PRESTON HWY. P.O. BOX 19987 LOUISVILLE KY 40219 0987	SIC DESCRIPTION: ALUMINUM EXTRUDED PRODUCTS			MAP LOCATION NO:			8		
	SIC CODE: 3354								
PHOSPHORIC ACID	5	1,059	0	0	1,064	0	401,100	401,100	
AMMONIA	250	250	0	0	500	12,857	0	12,857	
SULFURIC ACID	5	250	0	0	255	0	0	0	
NITRIC ACID	5	3,240	0	0	3,245	0	0	0	
SUBTOTALS	265	4,799	0	0	5,064	12,857	401,100	413,957	

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 40213FRDMTFERNV

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
CARDINAL ALUMINUM CO. PLANT 3			SIC DESCRIPTION: ALUMINUM EXTRUDED PRODUCTS		MAP LOCATION NO: 9			
4005 OAKLAWN DR. LOUISVILLE KY 40219			SIC CODE: 3354					
PHOSPHORIC ACID	5	3,491	0	0	3,496	0	0	0
AMMONIA	250	250	0	0	500	3,513	0	3,513
SULFURIC ACID	750	750	0	0	1,500	0	0	0
NITRIC ACID	5	10,970	0	0	10,975	0	0	0
SUBTOTALS	1,010	15,461	0	0	16,471	3,513	0	3,513
CONCO INC. CONCO INC. DIV.			SIC DESCRIPTION: METAL CANS		MAP LOCATION NO: 10			
4000 OAKLAWN DR. LOUISVILLE KY 40219			SIC CODE: 3411					
XYLENE (MIXED ISOMERS)	1,600	8,708	0	0	10,308	0	6,838	6,838
SUBTOTALS	1,600	8,708	0	0	10,308	0	6,838	6,838
PPG ARCHITECTURAL FINISHES			SIC DESCRIPTION: PAINTS/VARNISH/LACQUERS/ENAMEL		MAP LOCATION NO: 11			
6804 ENTERPRISE DR. LOUISVILLE KY 40214			SIC CODE: 2851					
1,2,4-TRIMETHYLBENZENE	5	901	0	0	906	0	14	14
ETHYLENE GLYCOL	0	0	0	0	0	0	591	591
XYLENE (MIXED ISOMERS)	5	572	0	0	577	0	140	140
COBALT COMPOUNDS	0	0	0	0	0	0	151	151
GLYCOL ETHERS	5	238	0	0	243	0	518	518
MANGANESE COMPOUNDS	0	0	0	0	0	0	7	7
SUBTOTALS	15	1,711	0	0	1,726	0	1,421	1,421

Ford Motor Company Louisville Jefferson County, Kentucky

Latitude: 38 9 26 N
Longitude: 85 43 55 W

MAP KEY:

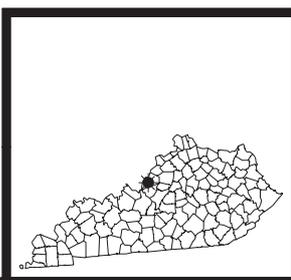
-  County Boundaries
-  Inter State Highway
-  US Highway
-  Rail Road
-  One Mile
-  Three Miles
-  Five Miles

POPULATION DENSITY / SQ. MILE

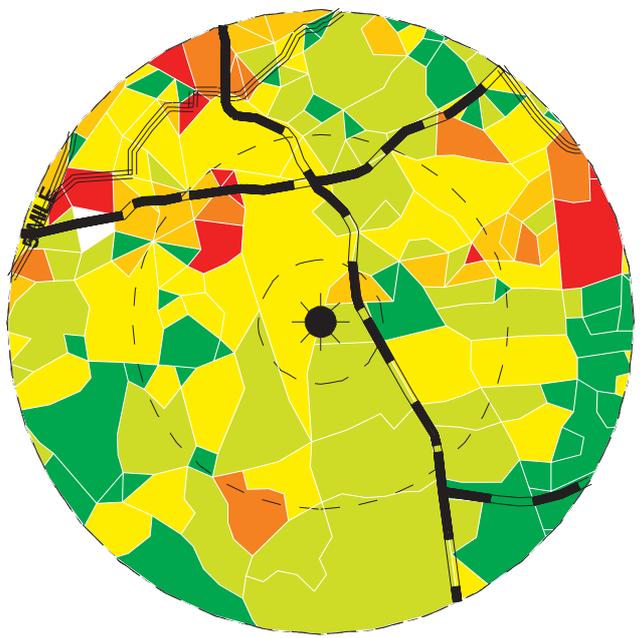
-  Greater than 10000
-  1000 - 10000
-  100 - 1000
-  10-100
-  1-10

Minority, poverty, and High School Incomplete percentages

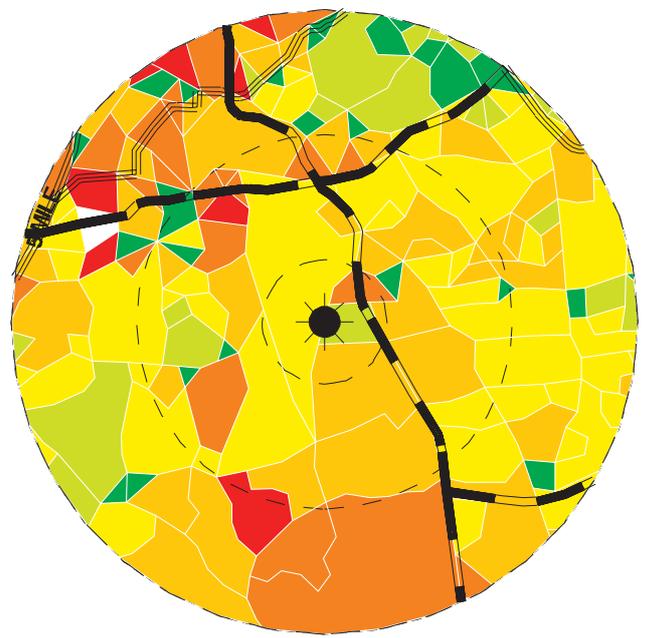
-  Greater than 50
-  40 - 50
-  30 - 40
-  20 - 30
-  10 - 20
-  0 - 10



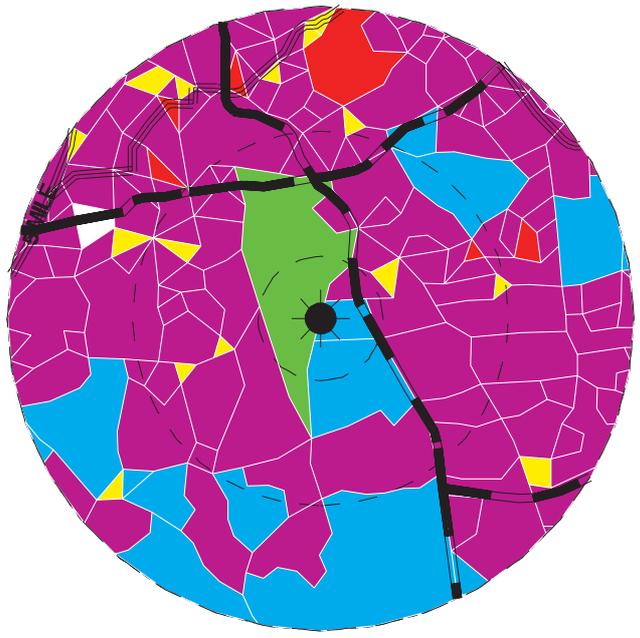
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



**Population Density
People Per Sq. Mile**



**Minority Population
Percent of Total Population**

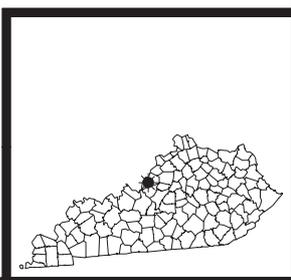


Ford Motor Company Louisville Jefferson County, Kentucky

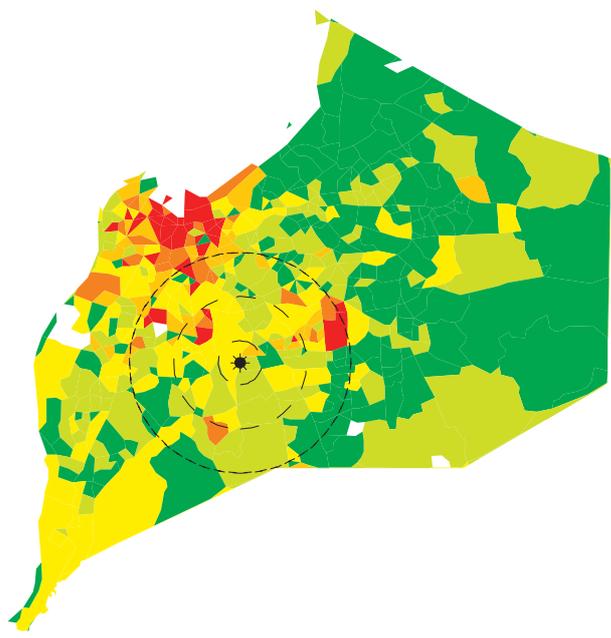
Latitude: 38 9 26 N
Longitude: 85 43 55 W

- 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

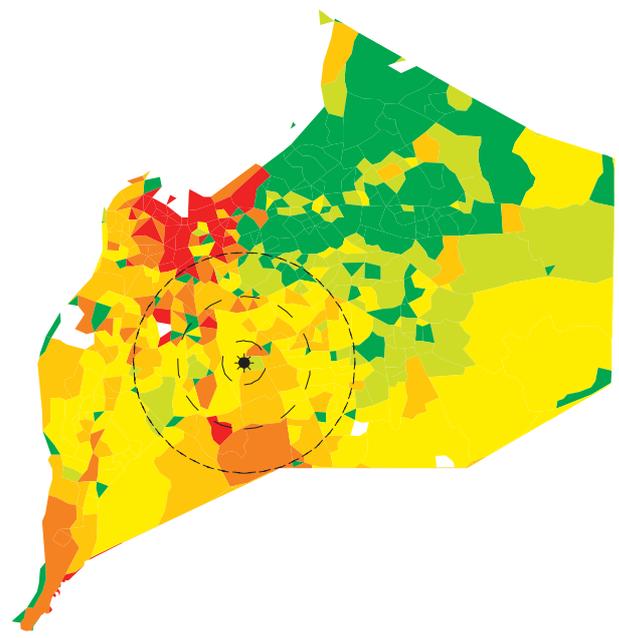
- Minority, poverty, and High School Incomplete percentages**
- Greater than 50
 - 40 - 50
 - 30 - 40
 - 20 - 30
 - 10 - 20
 - 0 - 10



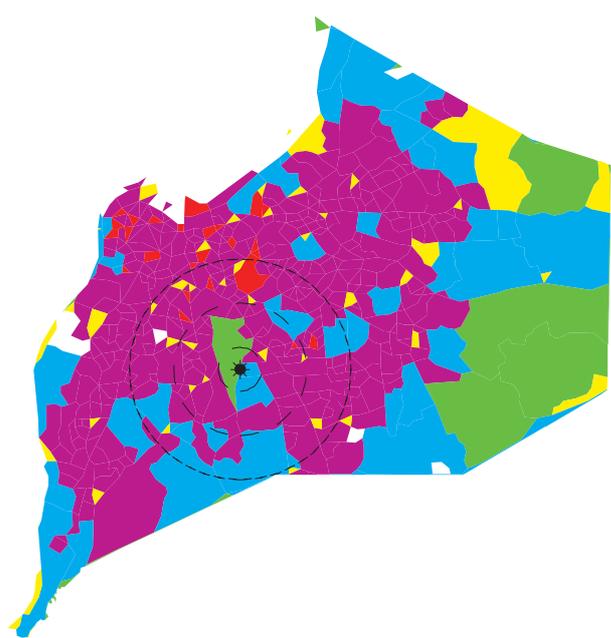
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population

