

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**

**7. Ford Motor Co.
Chicago, IL**

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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Plant Location, Database Identification Numbers, 1994 Production and Employment
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1994 Summary of TRI Chemical Releases and Transfers from Sources within 3 Miles of Assembly Plant
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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:
Ford Motor Co.
Chicago IL**

12/2/97

LOCATION	Address	12600 S. Torrence Ave., Chicago IL 60633		DESCRIPTION	Plant opened 1924; Produced Ford Taurus and Mercury Sable in 1994.	
	Lat/Long:	latitude (degrees N)	41 39' 58"		ID NUMBERS	RCRA ID
		longitude (degrees W)	87 33' 32"	AIRS ID		AFS1703101168
	County:	Cook	MSA:	Chicago IL		NPDES ID
Other counties within 3 miles of plant:			Lake (IN)	TRI		60633FRDMT12600
OPERATIONS		Production	Employment			
Calendar Year: 1991		218,328				
1992		275,920				
1993		286,962				
1994		277,770	2,773			

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	M021 solvents recov.}	594.6	557.0	0.0
D001 (ignitable)	N	B203 org. liquids	A21 painting	Off	M061 fuel blending }		37.6	0.0
D001(ignit) F005 (solvents)	N	B210 org. liquids	A58 1x/intermittent	Off	M061 fuel blending	0.5	0.5	0.0
F001 (halog. solvents)	N	B202 org. liquids	A58 1x/intermittent	Off	M061 fuel blending	0.4	0.4	0.0
TOTAL - 1991						595.5	595.5	0.0
<i>1993</i>								
D001 (ignitable)	N	B203 org. liquid	A21 painting	Off	M021 solvents recov.	684.2	684.2	0.0
D001 (ignitable)	N	B203 org. liquid	A58 1x/intermittent	Off	M061 fuel blending	9.3	9.3	0.0
D001, D018, D039	N	B204 org. liquid	A04 flush rinsing	Off	M021 solvents recov.	1.3	1.3	0.0
TOTAL - 1993						694.9	694.8	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	49,520	1,572,679	1,622,199	103,754	4,140	597,179	5,543	45,900	756,516
1992	53,899	1,516,712	1,570,611	98,040	77,200	910,160	2,282	37,980	1,125,662
1993	51,643	1,162,922	1,214,565	104,790	9,020	911,247	77	40,200	1,065,334
1994	75,820	1,153,698	1,229,518	62,960	6,940	914,600	17	23,000	1,007,517
Lbs. per vehicle produced:									
1991	0.23	7.20	7.43	0.48	0.02	2.74	0.03	0.21	3.47
1992	0.20	5.50	5.69	0.36	0.28	3.30	0.01	0.14	4.08
1993	0.18	4.05	4.23	0.37	0.03	3.18	0.00	0.14	3.71
1994	0.27	4.15	4.43	0.23	0.02	3.29	0.00	0.08	3.63

**Plant-Community Profile:
Ford Motor Co.
Chicago IL**

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
METHANOL	1,200	43,000	44,200	0	320	6,000	0	0	6,320
N-BUTYL ALCOHOL	1,200	120,000	121,200	0	0	29,000	0	0	29,000
BENZENE	0	56	56	0	0	0	0	0	0
METHYL ETHYL KETONE	39,000	28,000	67,000	0	6,300	38,000	0	0	44,300
1,2,4-TRIMETHYLBENZENE	340	12,000	12,340	0	0	54,000	0	0	54,000
ETHYLBENZENE	630	9,200	9,830	0	0	87,000	0	0	87,000
ETHYLENE GLYCOL	0	0	0	5,100	0	0	0	0	5,100
METHYL ISOBUTYL KETONE	13,000	360,000	373,000	0	0	250,000	0	0	250,000
TOLUENE	2,700	890	3,590	0	320	19,300	0	0	19,620
CYCLOHEXANE	0	2	2	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	9,700	320,000	329,700	0	0	420,000	0	0	420,000
METHYL TERT-BUTYL ETHER	0	550	550	0	0	0	0	0	0
GLYCOL ETHERS	7,800	260,000	267,800	56,000	0	11,300	0	0	67,300
MANGANESE COMPOUNDS	0	0	0	1,200	0	0	17	10,000	11,217
ZINC COMPOUNDS	250	0	250	660	0	0	0	13,000	13,660
TOTAL	75,820	1,153,698	1,229,518	62,960	6,940	914,600	17	23,000	1,007,517

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

	VOMs*	NOx**
1990	NA	NA
1991	NA	NA
1992	3,247,380	NA
1993	2,007,640	NA
1994	2,955,460	70,253

*volatile organic material

** est NO2

**Plant-Community Profile:
Ford Motor Co.
Chicago IL**

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 LTV STEEL CO.	37,831	0	46,781	110,000	250	110,250
2 PVS CHEMICALS INC. ILLINOIS	2,330	2,474	4,804	0	0	0
3 WELDED TUBE CO. OF AMERICA	4,800	6,700	11,500	0	0	0
4 CARGILL INC. OILSEEDS PROCESSIN	0	0	0	0	0	0
5 SPRAYLAT CORP.	1,750	14,550	16,300	0	46,957	46,957
6 GLOBE IND. INC.	11,000	11,500	22,500	0	0	0
8 AMERICAN MAIZE PRODS. CO.	82,255	21,005	314,030	100,000	0	100,000
9 SIGNODE CONSUMABLE PRODS. OPS	0	0	0	0	0	0
10 RHONE-POULENC BASIC CHEMICALS	0	0	0	0	0	0
11 BALL GLASS CONTAINER CORP.	0	0	0	0	0	0
12 VERMETTE MACHINE CO. INC.	0	0	0	0	0	0
13 FINA OIL & CHEMICAL CO.	0	0	0	0	0	0
14 DOLTON EXTRUSION CO. INC.	0	0	0	0	0	0
15 IMPERIAL WALLCOVERINGS INC.	0	0	0	0	0	0
16 ASHLAND CHEMICAL CO. INC.	5,005	5,065	10,070	68,002	74,505	142,507
17 ROHM & HAAS KENTUCKY INC.	0	0	0	0	0	0
18 PLASTICS COLOR-CHIP	1,005	760	1,765	0	2,992	2,992
19 ROMAN ADHESIVES INC.	0	0	0	0	0	0
20 AMERICAN STEEL FNDY. HAMMOND I	0	0	0	0	5,000	5,000
21 DYNAGEL INC.	0	250	250	0	0	0
22 HT ALUMINUM SPECIALTIES INC.	0	0	0	0	0	0
23 CALUMET BRASS FNDY. INC.	685	0	685	0	3,288	3,288
24 HAMMOND LEAD PRODS. INC.	104	231	335	180	157,624	157,804
Total	146,765	62,535	429,020	278,182	290,616	568,798

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

ozone - nonattainment (severe)
carbon monoxide - attainment or unclassifiable
particulates - nonattainment (moderate)
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:
Ford Motor Co.
Chicago IL**

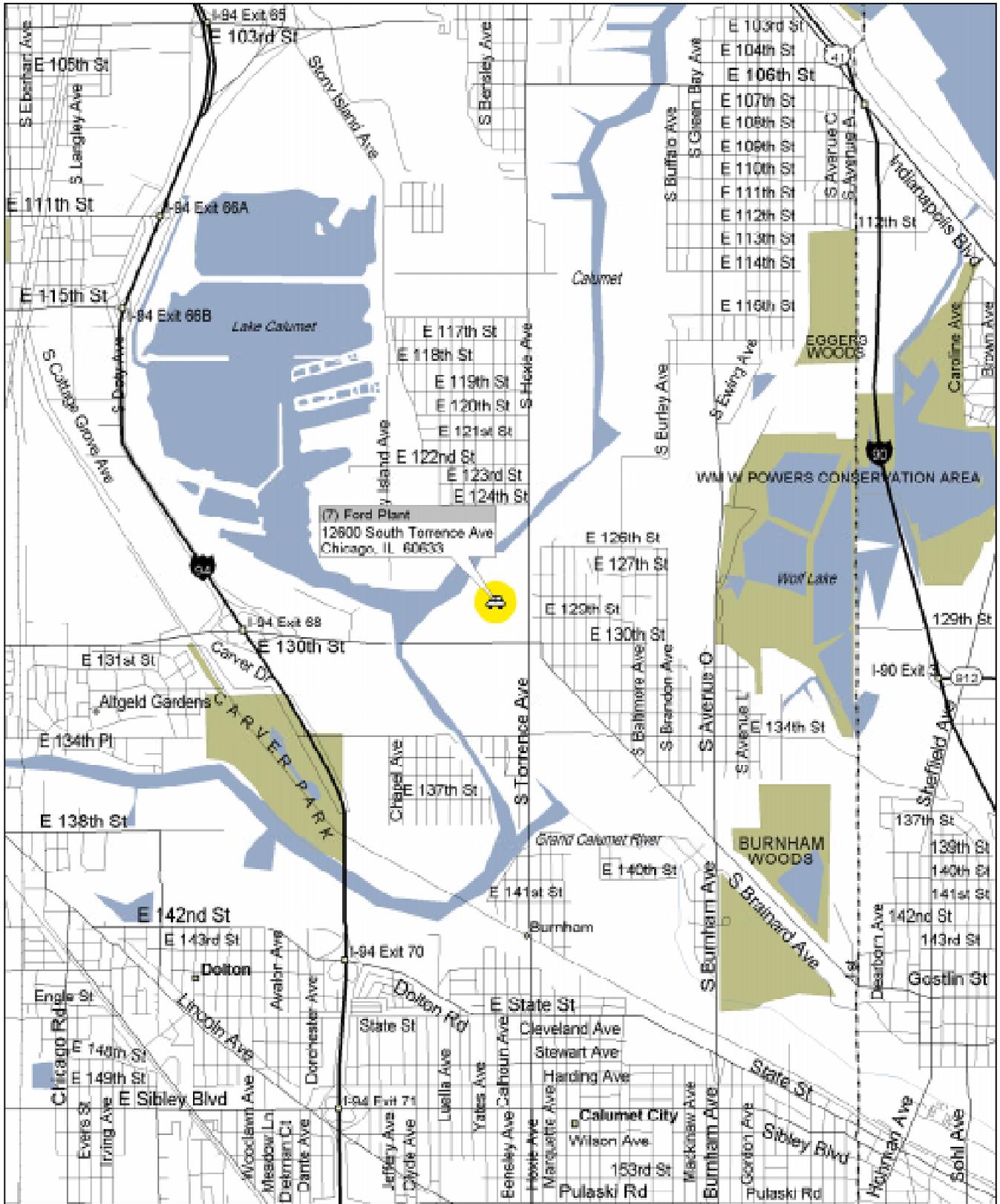
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COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS

	<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	5,141,209	11,751,679	260,340,990
Total Population (1990)	0	14,938	141,758	126,820	255,720	5,105,067	11,430,602	248,709,873
% Change 1990-1994	NA	NA	NA	NA	NA	1	3	5
Total Area (sq. mi.) (1990)	<1	3.1	28.2	25.1	50.2	945.7	55,593.3	3,536,278.1
Population/sq. mi. (land area) (1990)	0	6,023	7,319	7,509	6,397	5,398	206	70
Median Household Income (1994)						NA	35,081	32,264
Median Household Income (1989)						32,673	32,252	30,056
% Change 1979-1989 (constant \$)						2	<0	7
% Change 1989-1994 (constant \$)						NA	<0.5	7
Per Capita Personal Income (1993)						23,983	22,560	20,800
Per Capita Personal Income (1989)						20,131	19,071	17,690
% Change 1989-1993 (current \$)						19	18	18
Minority Percentage (1990)	0	36	40	40	65	37	21	20
Pct. of Households Below Poverty Level (1989)	0	34	27	26	22	21	20	20
Pct. Not Completing High School (1990)	0	30	34	34	29	26	23	25
Total Employment (1994) (civilian nonfarm)						2,624,956	5,999,000	131,056,000
Unemployment Rate (1994)						6	6	6
Manufacturing Employment (1993)						440,312	978,517	18,183,381
Mfgr. as % Total Employment (1993)						19	21	19
Manufacturing Employment (1992)						NA	18,000	18,253,000
Production Workers (1992)						NA	11,000	11,654,000
% Change in Mfgr. Employment 1987-1992						NA	-2	-4
Assembly Plant as % Total Mfgr. Workers						1		

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

Chicago, IL, Ford Plant



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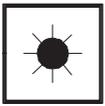
FORD MOTOR CO
 12600 S TORRENCE AVE
 CHICAGO IL
 Tri Number: 60633FRDMT12600

Map #	SIC	Name	Address	City	State
0	3711	FORD MOTOR CO. CHICAGO ASSEMBLY PLANT	12600 S. TORRENCE AVE.	CHICAGO	IL
1	3312	LTV STEEL CO.	11600 S. BURLEY AVE.	CHICAGO	IL
2	2819	PVS CHEMICALS INC. ILLINOIS	12260 S. CARONDOLET AVE.	CHICAGO	IL
3	3317	WELDED TUBE CO. OF AMERICA	1855 E. 122ND ST.	CHICAGO	IL
4	2079	CARGILL INC. OILSEEDS PROCESSING DIV.	12201 S. TORRENCE AVE.	CHICAGO	IL
5	2851	SPRAYLAT CORP.	1701 E. 122ND ST.	CHICAGO	IL
6	3714	GLOBE IND. INC.	2638 E. 126TH ST.	CHICAGO	IL
8	2046	AMERICAN MAIZE PRODS. CO.	1100 INDIANAPOLIS BLVD.	HAMMOND	IN
9	3398	SIGNODE CONSUMABLE PRODS. OPS. OPERATIONS	13535 S. TORRENCE AVE.	CHICAGO	IL
10	2819	RHONE-POULENC BASIC CHEMICALS CO.	618 E. 138TH ST.	CHICAGO	IL
11	3221	BALL GLASS CONTAINER CORP.	13850 COTTAGE GROVE AVE.	DOLTON	IL
12	3537	VERMETTE MACHINE CO. INC.	7-143RD. ST.	HAMMOND	IN
13	2821	FINA OIL & CHEMICAL CO.	14200 S. PAXTON AVE.	CALUMET CITY	IL
14	3354	DOLTON EXTRUSION CO. INC.	14200 SOUTH COTTAGE GROVE AVE.	DOLTON	IL
15	2649	IMPERIAL WALLCOVERINGS INC.	724 HOFFMAN ST.	HAMMOND	IN
16	2821	ASHLAND CHEMICAL CO. INC.	142ND ST. & PAXTON AVE.	CALUMET CITY	IL
17	282	ROHM & HAAS KENTUCKY INC.	142ND ST. & PAXTON ST.	CALUMET CITY	IL
18	3087	PLASTICS COLOR-CHIP	142 E. PAXTON ST.	CALUMET CITY	IL
19	2891	ROMAN ADHESIVES INC.	824 STATE ST.	CALUMET CITY	IL
20	3493	AMERICAN STEEL FNDY. HAMMOND PLANT	4831 HOHMAN AVE.	HAMMOND	IN
21	2899	DYNAGEL INC.	PLUMMER ST. & WENTWORTH AVE.	CALUMET CITY	IL
22	3999	HT ALUMINUM SPECIALTIES INC.	5009 CALUMET AVE.	HAMMOND	IN
23	3369	CALUMET BRASS FNDY. INC.	14610 S. LAKESIDE AVE.	DOLTON	IL
24	2819	HAMMOND LEAD PRODS. INC.	2308 165TH ST.	HAMMOND	IN

AREA WIDE 1994 TRI EMISSION PROFILE

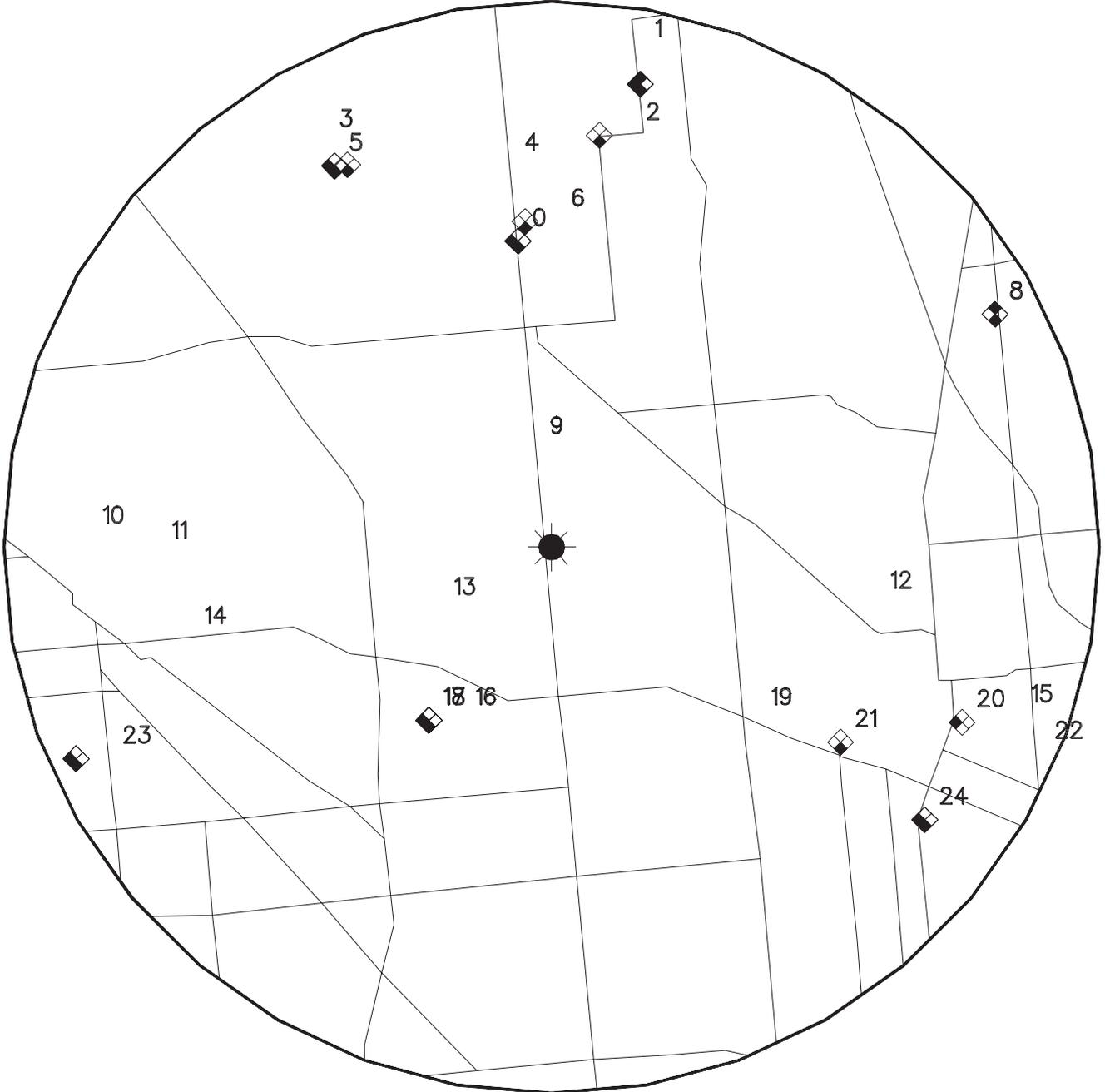
FORD MOTOR CO
COOK COUNTY, Illinois

Latitude: 41 39 58
Longitude: 87 33 32



- 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: 60633FRDMT12600

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. CHICAGO ASSEMBLY PLANT SIC DESCRIPTION: MOTOR VEHICLES & CAR BODIES MAP LOCATION NO: 0 12600 S. TORRENCE AVE. SIC CODE: 3711 CHICAGO IL 60633								
METHANOL	1,200	43,000	0	0	44,200	0	6,320	6,320
N-BUTYL ALCOHOL	1,200	120,000	0	0	121,200	0	29,000	29,000
BENZENE	0	56	0	0	56	0	0	0
METHYL ETHYL KETONE	39,000	28,000	0	0	67,000	0	44,300	44,300
1,2,4-TRIMETHYLBENZENE	340	12,000	0	0	12,340	0	54,000	54,000
ETHYLBENZENE	630	9,200	0	0	9,830	0	87,000	87,000
ETHYLENE GLYCOL	0	0	0	0	0	5,100	0	5,100
METHYL ISOBUTYL KETONE	13,000	360,000	0	0	373,000	0	250,000	250,000
TOLUENE	2,700	890	0	0	3,590	0	19,620	19,620
CYCLOHEXANE	0	2	0	0	2	0	0	0
XYLENE (MIXED ISOMERS)	9,700	320,000	0	0	329,700	0	420,000	420,000
METHYL TERT-BUTYL ETHER	0	550	0	0	550	0	0	0
GLYCOL ETHERS	7,800	260,000	0	0	267,800	56,000	11,300	67,300
MANGANESE COMPOUNDS	0	0	0	0	0	1,200	10,017	11,217
ZINC COMPOUNDS	250	0	0	0	250	660	13,000	13,660
SUBTOTALS	75,820	1,153,698	0	0	1,229,518	62,960	944,557	1,007,517
LTV STEEL CO. SIC DESCRIPTION: BLAST FURN/STEEL WORKS/ROLLING MAP LOCATION NO: 1 11600 S. BURLEY AVE. SIC CODE: 3312 CHICAGO IL 60617								
BENZENE	12,000	0	0	0	12,000	0	250	250
ETHYLENE	12,000	0	0	0	12,000	0	0	0
NAPHTHALENE	250	0	0	0	250	0	0	0
QUINOLINE	6	0	0	0	6	0	0	0
BIPHENYL	5	0	0	0	5	0	0	0
1,2,4-TRIMETHYLBENZENE	5	0	0	0	5	0	0	0
ETHYLBENZENE	5	0	0	0	5	0	0	0
STYRENE	5	0	0	0	5	0	0	0
TOLUENE	750	0	0	0	750	0	0	0
PHENOL	250	0	250	0	500	75,000	0	75,000
PROPYLENE	2,100	0	0	0	2,100	0	0	0
ANTHRACENE	250	0	0	0	250	0	0	0
DIBENZOFURAN	250	0	0	0	250	0	0	0
XYLENE (MIXED ISOMERS)	250	0	0	0	250	0	0	0
AMMONIA	9,700	0	8,700	0	18,400	23,000	0	23,000
NITRIC ACID	5	0	0	0	5	0	0	0
CYANIDE COMPOUNDS	0	0	0	0	0	12,000	0	12,000
SUBTOTALS	37,831	0	8,950	0	46,781	110,000	250	110,250

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 60633FRDMT12600

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
SPRAYLAT CORP. SIC DESCRIPTION: PAINTS/VARNISH/LACQUERS/ENAMEL MAP LOCATION NO: 5 1701 E. 122ND ST. SIC CODE: 2851 CHICAGO IL 60633								
N-BUTYL ALCOHOL	250	2,214	0	0	2,464	0	3,513	3,513
METHYL ETHYL KETONE	250	750	0	0	1,000	0	8,850	8,850
ETHYLBENZENE	250	750	0	0	1,000	0	1,510	1,510
METHYL ISOBUTYL KETONE	250	2,361	0	0	2,611	0	9,484	9,484
TOLUENE	250	4,125	0	0	4,375	0	9,200	9,200
XYLENE (MIXED ISOMERS)	250	3,250	0	0	3,500	0	9,700	9,700
GLYCOL ETHERS	250	1,100	0	0	1,350	0	4,700	4,700
SUBTOTALS	1,750	14,550	0	0	16,300	0	46,957	46,957
GLOBE IND. INC. SIC DESCRIPTION: MOTOR VEHICLE PARTS & ACCESSOR MAP LOCATION NO: 6 2638 E. 126TH ST. SIC CODE: 3714 CHICAGO IL 60633								
1,1,1-TRICHLOROETHANE	11,000	11,500	0	0	22,500	0	0	0
SUBTOTALS	11,000	11,500	0	0	22,500	0	0	0
AMERICAN MAIZE PRODS. CO. SIC DESCRIPTION: WET CORN MILLING MAP LOCATION NO: 8 1100 INDIANAPOLIS BLVD. SIC CODE: 2046 HAMMOND IN 46320 1094								
PROPYLENE OXIDE	1,400	18,000	0	0	19,400	0	0	0
TOLUENE	79,000	250	0	0	79,250	0	0	0
HYDROCHLORIC ACID	1,600	2,000	0	0	3,600	0	0	0
AMMONIA	250	750	210,000	0	211,000	100,000	0	100,000
CHLORINE	5	5	770	0	780	0	0	0
SUBTOTALS	82,255	21,005	210,770	0	314,030	100,000	0	100,000

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 60633FRDMT12600

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	
DOLTON EXTRUSION CO. INC. SIC DESCRIPTION: ALUMINUM EXTRUDED PRODUCTS MAP LOCATION NO: 14 14200 SOUTH COTTAGE GROVE AVE. SIC CODE: 3354 DOLTON IL 60419									
	0	0	0	0	0	0	0	0	0
SUBTOTALS									
IMPERIAL WALLCOVERINGS INC. SIC DESCRIPTION: MAP LOCATION NO: 15 724 HOFFMAN ST. SIC CODE: 2649 HAMMOND IN 46320									
	0	0	0	0	0	0	0	0	0
SUBTOTALS									
ASHLAND CHEMICAL CO. INC. SIC DESCRIPTION: PLSTC MAT./SYN RESINS/NV ELAST MAP LOCATION NO: 16 142ND ST. & PAXTON AVE. SIC CODE: 2821 CALUMET CITY IL 60409									
FORMALDEHYDE	750	250	0	0	1,000	0	1,255	1,255	
METHANOL	750	750	0	0	1,500	0	0	0	
ACRYLIC ACID	250	5	0	0	255	0	3,500	3,500	
BENZOYL PEROXIDE	250	0	0	0	250	0	0	0	
METHYL ACRYLATE	250	250	0	0	500	0	0	0	
METHYLENEBIS(PHENYLISOCYANATE)	5	5	0	0	10	0	0	0	
VINYL ACETATE	250	1,700	0	0	1,950	0	34,000	34,000	
METHYL ISOBUTYL KETONE	250	250	0	0	500	0	0	0	
MALEIC ANHYDRIDE	250	0	0	0	250	0	0	0	
TOLUENE	250	1,100	0	0	1,350	2	34,250	34,252	
PHENOL	750	250	0	0	1,000	68,000	1,500	69,500	
ETHYL ACRYLATE	250	250	0	0	500	0	0	0	
BUTYL ACRYLATE	250	250	0	0	500	0	0	0	
XYLENE (MIXED ISOMERS)	250	5	0	0	255	0	0	0	
SULFURIC ACID	250	0	0	0	250	0	0	0	
	5,005	5,065	0	0	10,070	68,002	74,505	142,507	
SUBTOTALS									

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 60633FRDMT12600

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				
ROHM & HAAS KENTUCKY INC. 142ND ST. & PAXTON ST. CALUMET CITY IL 60409									SIC DESCRIPTION: SIC CODE: 0282	MAP LOCATION NO: 17		
	0	0	0	0	0	0	0	0				
<hr/>												
PLASTICS COLOR-CHIP 142 E. PAXTON ST. CALUMET CITY IL 60409										SIC DESCRIPTION: SIC CODE: 3087	CUSTOM COMPOUNDED PURCH. RESIN	MAP LOCATION NO: 18
ANTIMONY COMPOUNDS	5	5	0	0	10	0	250	250				
BARIUM COMPOUNDS	250	5	0	0	255	0	250	250				
CHROMIUM COMPOUNDS	250	250	0	0	500	0	250	250				
LEAD COMPOUNDS	250	250	0	0	500	0	1,492	1,492				
ZINC COMPOUNDS	250	250	0	0	500	0	750	750				
	1,005	760	0	0	1,765	0	2,992	2,992				
<hr/>												
ROMAN ADHESIVES INC. 824 STATE ST. CALUMET CITY IL 60409										SIC DESCRIPTION: SIC CODE: 2891	ADHESIVES AND SEALANTS	MAP LOCATION NO: 19
	0	0	0	0	0	0	0	0				
<hr/>												
AMERICAN STEEL FNDY. HAMMOND PLANT 4831 HOHMAN AVE. HAMMOND IN 46327										SIC DESCRIPTION: SIC CODE: 3493	STEEL SPRINGS, EXCEPT WIRE	MAP LOCATION NO: 20
CHROMIUM	0	0	0	0	0	0	5,000	5,000				
	0	0	0	0	0	0	5,000	5,000				

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
 FORD MOTOR CO TRI NO: 60633FRDMT12600

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/>									
DYNAGEL INC. PLUMMER ST. & WENTWORTH AVE. CALUMET CITY IL 60409									
			SIC DESCRIPTION: SIC CODE: 2899	CHEMICALS & CHEM PREP, NEC			MAP LOCATION NO:		21
HYDROCHLORIC ACID	0	250	0	0	250	0	0	0	
SUBTOTALS	0	250	0	0	250	0	0	0	
<hr/>									
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HT ALUMINUM SPECIALTIES INC. 5009 CALUMET AVE. HAMMOND IN 46325									
			SIC DESCRIPTION: SIC CODE: 3999	MANUFACTURING INDUSTRIES, NEC			MAP LOCATION NO:		22
SUBTOTALS	0	0	0	0	0	0	0	0	
<hr/>									
<hr/>									
CALUMET BRASS FNDY. INC. 14610 S. LAKESIDE AVE. DOLTON IL 60419									
			SIC DESCRIPTION: SIC CODE: 3369	NONFERROUS FOUNDRIES, EXC ALUM			MAP LOCATION NO:		23
COPPER	685	0	0	0	685	0	3,288	3,288	
SUBTOTALS	685	0	0	0	685	0	3,288	3,288	
<hr/>									
<hr/>									
HAMMOND LEAD PRODS. INC. 2308 165TH ST. HAMMOND IN 46320									
			SIC DESCRIPTION: SIC CODE: 2819	INDUSTRIAL INORGANIC CHEMICALS			MAP LOCATION NO:		24
ANTIMONY COMPOUNDS	1	9	0	0	10	33	0	33	
BARIUM COMPOUNDS	19	37	0	0	56	42	16	58	
LEAD COMPOUNDS	37	94	0	0	131	21	157,608	157,629	
ZINC COMPOUNDS	47	91	0	0	138	84	0	84	
SUBTOTALS	104	231	0	0	335	180	157,624	157,804	

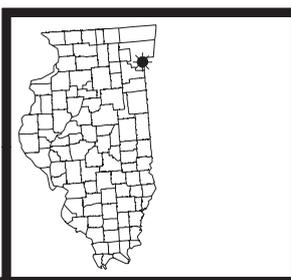
Ford Motor Company Chicago Cook County, Illinois

Latitude: 41 39 58 N
Longitude: 87 33 32 W

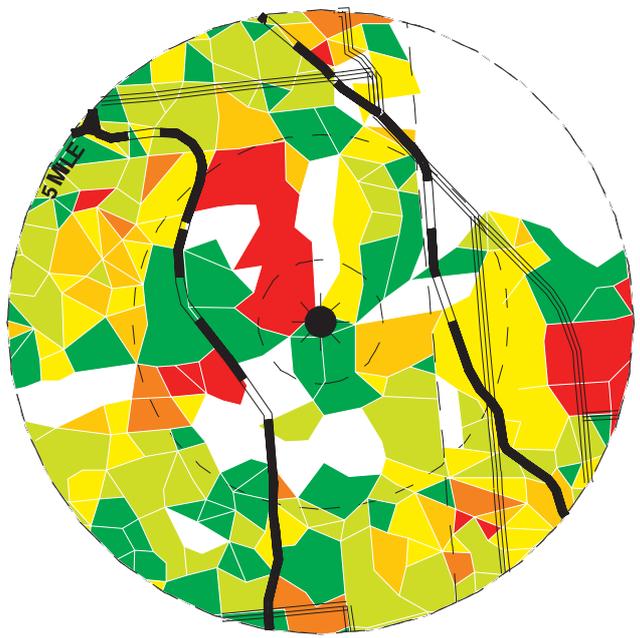
- MAP KEY:**
- County Boundaries
 - Inter State Highway
 - US Highway
 - Rail Road
 - One Mile
 - Three Miles
 - Five Miles

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

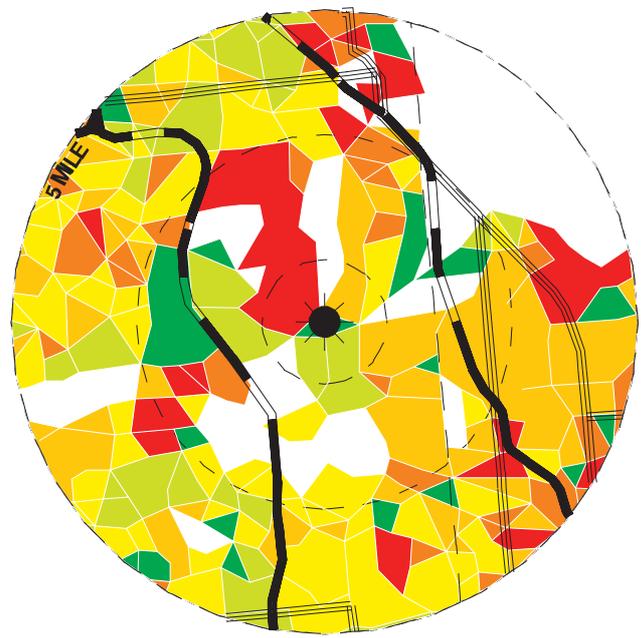
- Minority, poverty, and High School Incomplete percentages**
- Greater than 50
 - 40 - 50
 - 30 - 40
 - 20 - 30
 - 10 - 20
 - 0 - 10



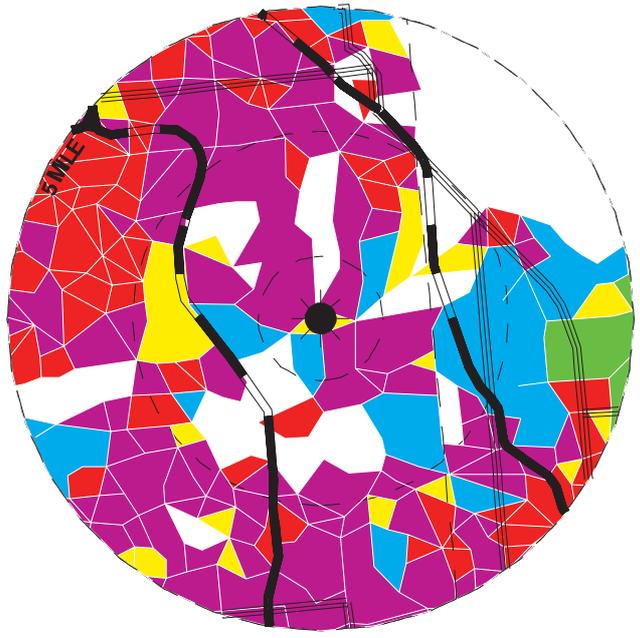
Percentage of Total Population Below Poverty Level



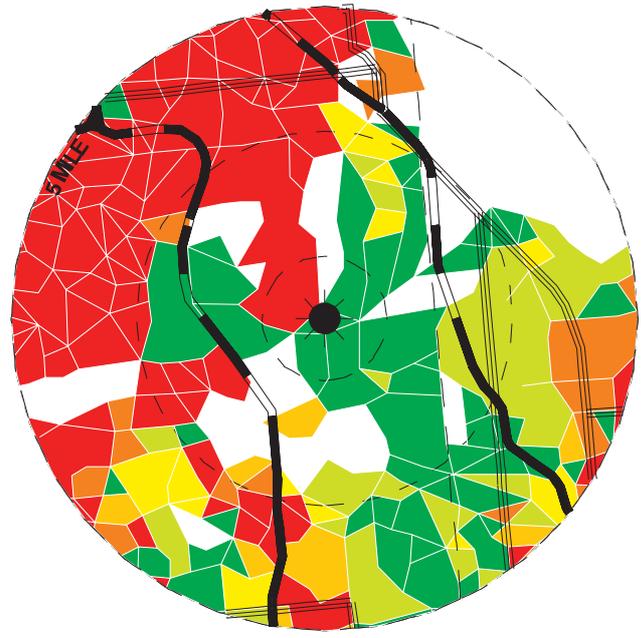
Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population



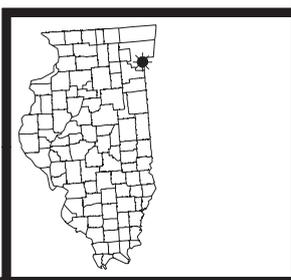
Ford Motor Company Chicago Cook County, Illinois

Latitude: 41 39 58 N
Longitude: 87 33 32 W

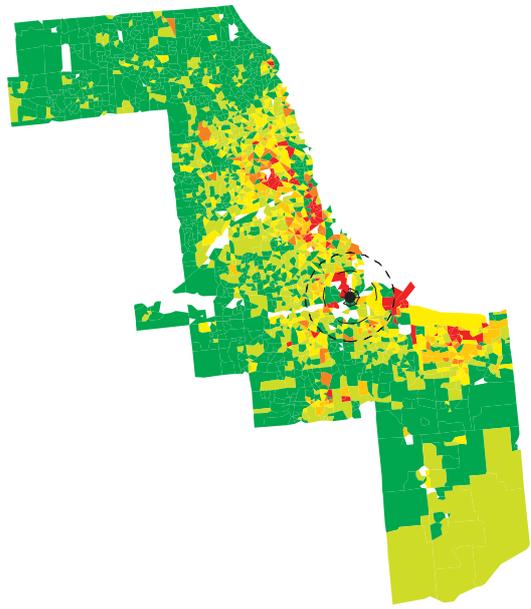
- MAP KEY:**
-  County Boundries
 -  Inter State Highway
 -  US Highway
 -  Rail Road
 -  One Mile
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- POPULATION DENSITY / SQ. MILE**
-  Greater than 10000
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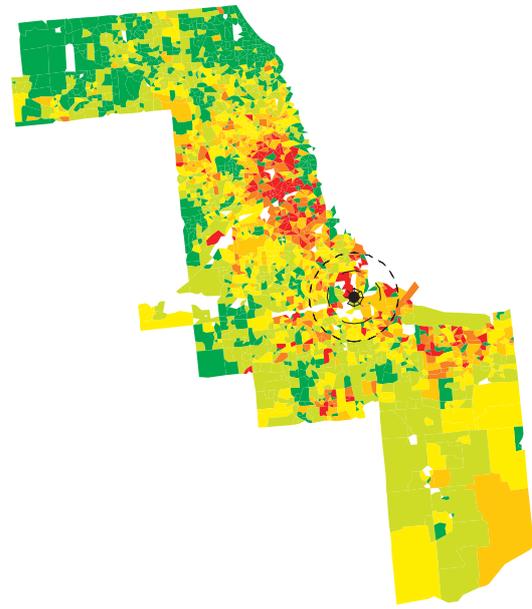
- Minority, poverty, and High School Incomplete percentages**
-  Greater than 50
 -  40 - 50
 -  30 - 40
 -  20 - 30
 -  10 - 20
 -  0 - 10



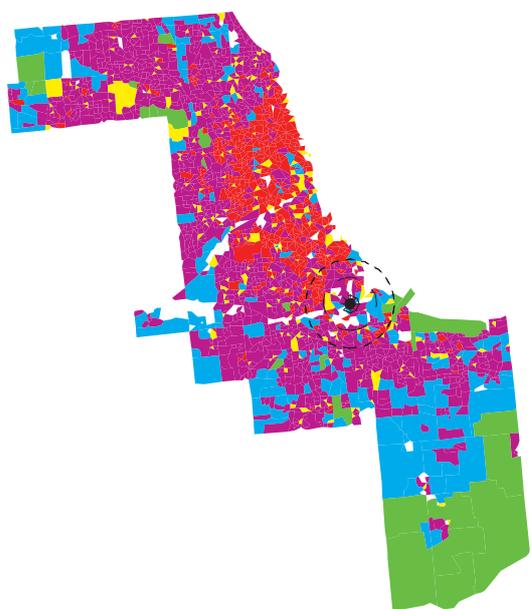
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population

