ATTACHMENT III

Additional Technical Support Documentation

Supplemental Information Relevant to USEPA Guidance

Cincinnati CMSA

Dearborn County Annual Emissions 1996 (Tons)

	Point	Area	Nonroad	Onroad	Total
VOC	1,055.74	1,226.26	242.30	958.78	3,483.07
NOx	38,960.34	160.15	906.33	1,536.18	41,562.99

Ohio County Annual Emissions 1996 (Tons)

	Point	Area	Nonroad	Onroad	Total
VOC	0	187	23	114	324
NOx	0	10	73	160	143

1996 Point Source Inventory

Dearborn County

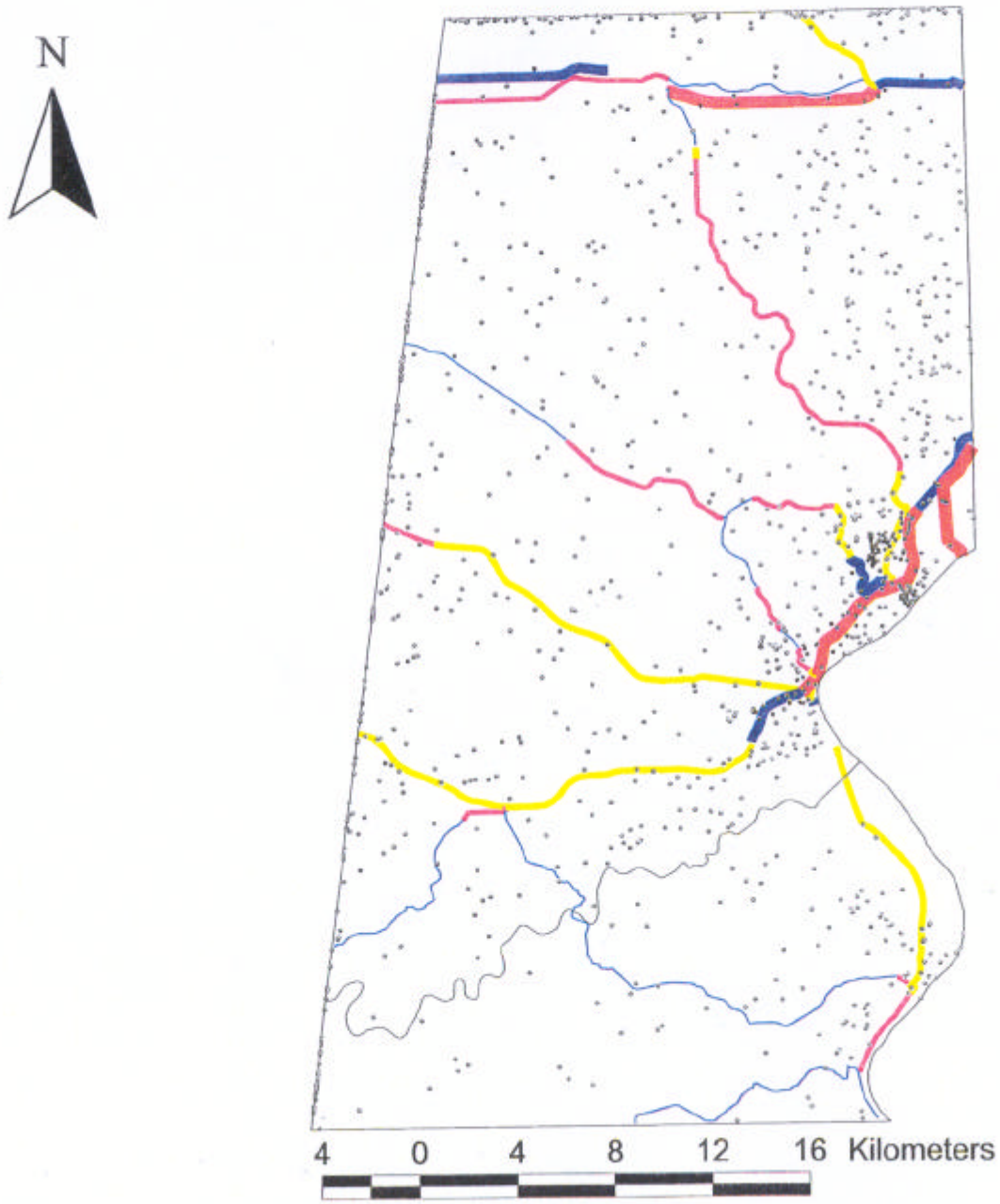
strFacilityName	NOx	VOC
JOSEPH SEAGRAM & SONS	547.65	553.93
AURORA CASKET CO INC	3.50	283.45
AMERICAN ELECTRIC POWER	36,527.26	86.09
TEXAS GAS TRANSMISSION - DILLSBORO	1,553.80	61.88
AURORA CASKET CO-VANGUARD PLT	1.25	58.81
ANCHOR GLASS CONTAINER CORP	307.25	11.53

Cincinnati CMSA Population Growth

	1990	1997	# Change	% Change	2000	# Change	% Change	2020	# Change	% Change
Dearborn County	38,835	46,576	7,741	19.93%	50,583	4,007	8.60%	60,287	13,711	29.44%
Ohio County	5,315	5,458	143	2.69%	5,555	97	1.78%	5,791	333	6.10%

Cincinnati MSA Population and Road Data

Population Distribution (1990)
1 Dot = 50
Daily Peak Vehicle Volume
0.002 - 0.011
0.011 - 0.024
0.024 - 0.05
0.05 - 0.099
0.099 - 0.184

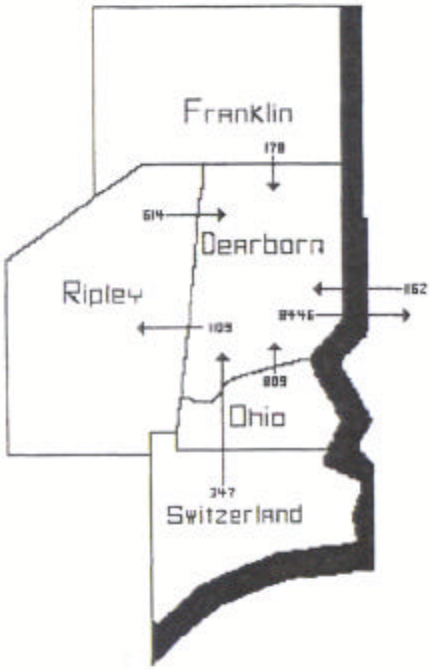


IDEM
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Dearborn County Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	17,308	100.0%
Worked in County of residence	7,336	42.4%
Worked out of County of residence	9,972	57.6%
Worked in Indiana-out of County of residence	1,526	8.8%
Worked out of Indiana	8,446	48.8%



Counts of under 100 are not shown. Counts into and out of Indiana are to or from all neighboring states.

Last Updated: January 10, 1997

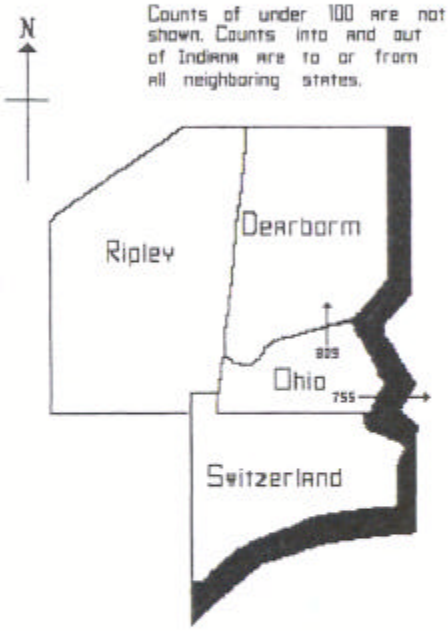
Analyst/Contact: Carol Williams (812) 948-6102

Source: Indiana Dept. of Workforce Development, Labor Market Information

Ohio County Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	2,332	100.0%
Worked in County of residence	588	25.2%
Worked out of County of residence	1,744	74.8%
Worked in Indiana-out of County of residence	989	42.4%
Worked out of Indiana	755	32.4%



Last Updated: January 10, 1997

Analyst/Contact: Carol Williams (812) 948-6102

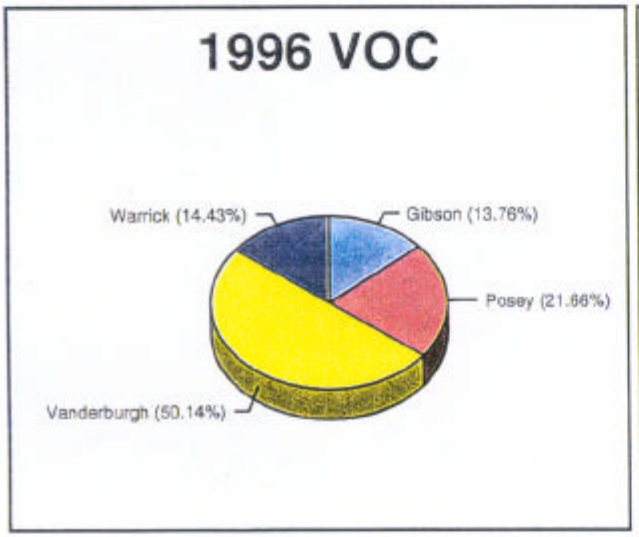
Source: Indiana Dept. of Workforce Development, Labor Market Information

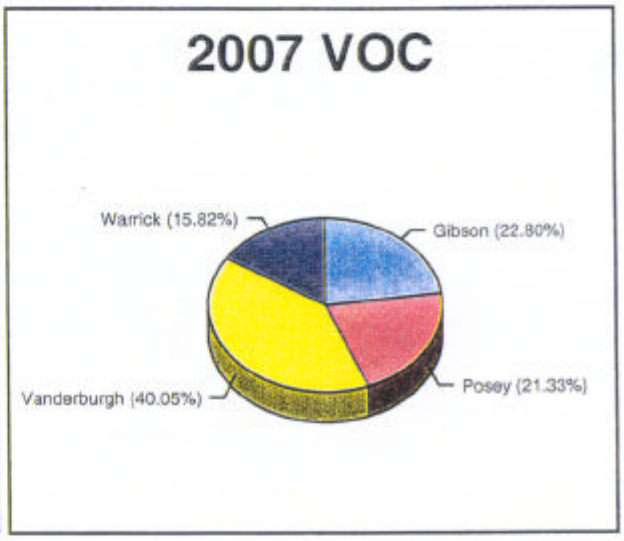
Supplemental Information Relevant to USEPA Guidance

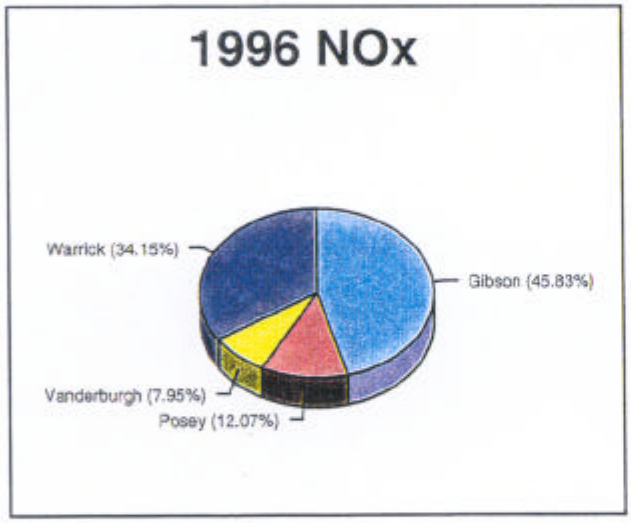
Evansville MSA And Gibson County

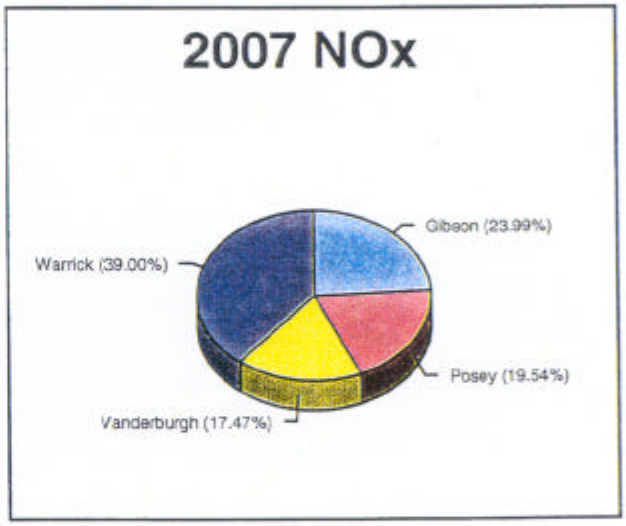
Total Annual Emissions By County

	1996 VOC	% Of MSA	2007 VOC	% of MSA	1996 NOx	% of MSA	2007 NOx	% of MSA
Gibson	3,731	14%	5,149	23%	47,496	46%	9,640	24%
Posey	5,871	22%	4,816	21%	12,507	12%	7,852	20%
Vanderburgh	13,592	50%	9,045	40%	8,239	8%	7,021	17%
Warrick	3,911	14%	3,574	16%	35,395	34%	15,671	39%
	27,105	100%	**22,584**	100%	**103,637**	100%	**40,184**	100%









POINT SOURCES WITHIN THE ANALYSIS AREA

Annual Emissions In Tons As of 1996

Minimum 10 Tons VOC or NOx Per Year

First Sorted by VOC

Gibson County

strFacilityName	NOx	VOC
TEPPCO PRINCETON TERMINAL	0.12	369.37
PSI ENERGY - GIBSON	44,666.95	268.31
MID STATES RUBBER	4.13	20.00
EMGE PACKING CO.INC,DIV OF EXCEL CORP.	32.30	0.99

* Note that Toyota Opened Following 1996

Posey County

strFacilityName	NOx	VOC
COUNTRYMARK COOPERATIVE, INC.	230.83	2,021.88
GENERAL ELECTRIC CO	3,000.97	532.50
SIGECO - A. B. BROWN	6,413.69	40.84
MARATHON OIL COMPANY - MT. VERNON TERM		28.34
WARTSILA NSD NORTH AMERICA, INC.	18.99	3.27
SIGECO - OLIVER GAS STORAGE FIELD	20.40	0.50

Vanderburgh County

strFacilityName	NOx	VOC
KOCH LABEL CO., L. L. C.	1.95	1,152.10
WHIRLPOOL CORP	26.45	681.38
ITAPCO- EVANSVILLE TERMINAL, INC.		250.22
GUARDIAN AUTOMOTIVE TRIM, INC.	5.84	127.24
RED SPOT PAINT & VARNISH CO		105.70
HARTFORD BAKERY INC.	3.49	77.45
AMERICAN NATIONAL CAN	21.56	58.38
MEAD JOHNSON AND COMPANY	81.77	51.73
INLAND CONTAINER CO	4.90	49.08
KELLER CRESCENT CO.		34.91
PPG INDUSTRIES, INC. WKS #28	5.65	32.91
INDIANA TUBE CORP.	0.55	30.02
CRADDOCK FINISHING CORPORATION	1.61	27.03
BERRY PLASTICS CORP.		23.00
GENCORP	2.45	22.05
INTRAMETCO PROCESSING INC.	11.84	17.26
BOOTZ MANU CO	0.87	16.65
BROWNING-FERRIS INDUSTRIES OF INDIANA	9.32	16.31
HOOSIER STAMPING & MFG. CORP	0.49	15.74
EVANSVILLE BREWING CO	25.21	13.32
O'BRYAN BARREL COMPANY, INC.	0.20	12.91
INDIAN INDUSTRIES		12.90
KARGES FURNITURE CO., INC.	0.15	10.94
MASTER MANUFACTURING CO., INC.	0.55	10.06
SIGECO - OHIO RIVER	18.49	0.59
DEACONESS HOSPITAL	16.46	0.36
EVANSVILLE STATE HOSPITAL	39.53	0.35
J.H.RUDOLPH & CO	18.85	0.11

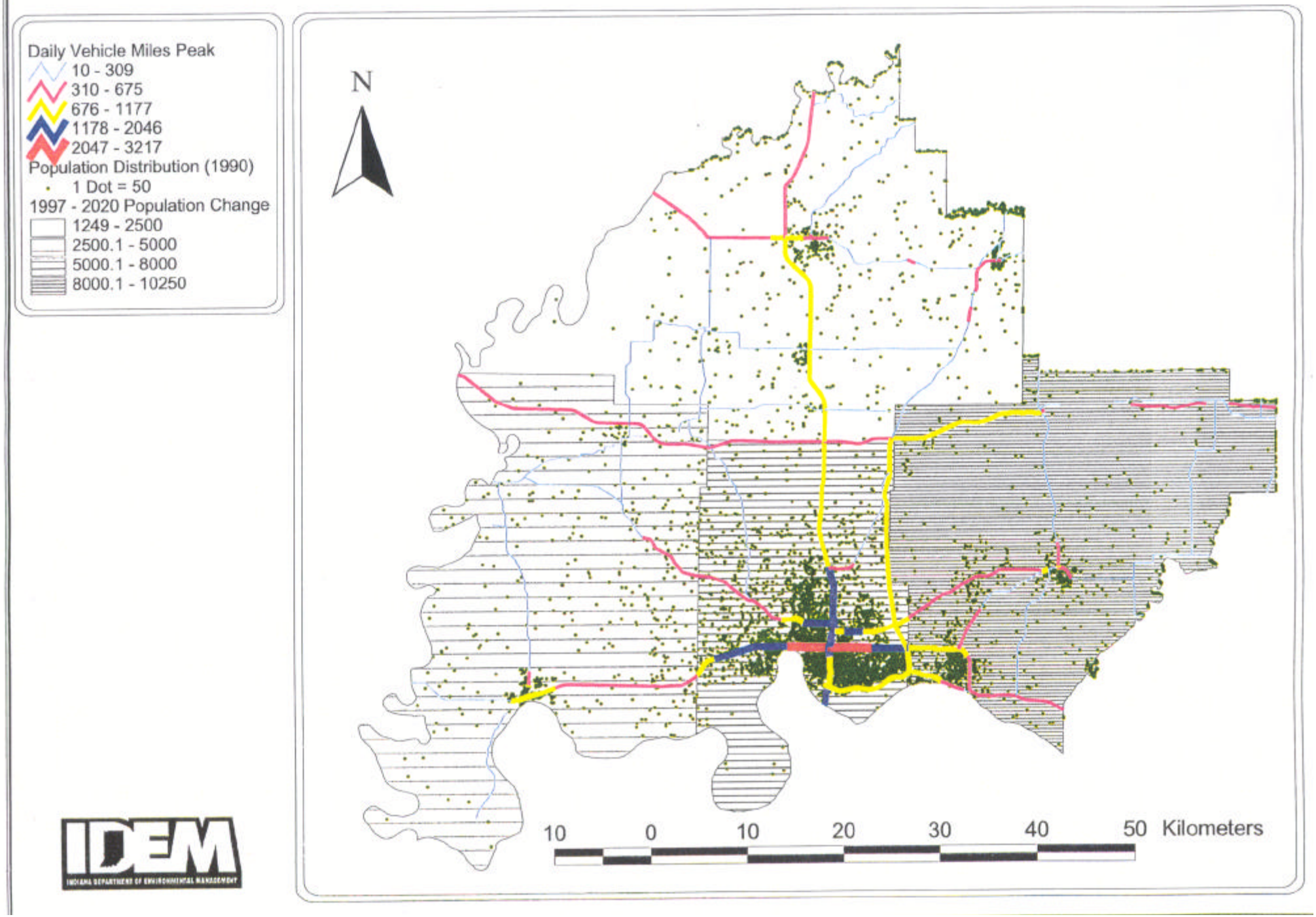
Warrick County

strFacilityName	NOx	VOC
ALCOA (ALUMINUM CO. OF AMERICA)	332.45	571.83
SIGECO-WARRICK PWR PLANT-ALCOA GENERATNG	18,769.13	87.62
SIGECO - F.B.CULLEY GENERATING STATION	6,573.19	37.86
INDIANA HARDWOODS TECH	13.51	6.75

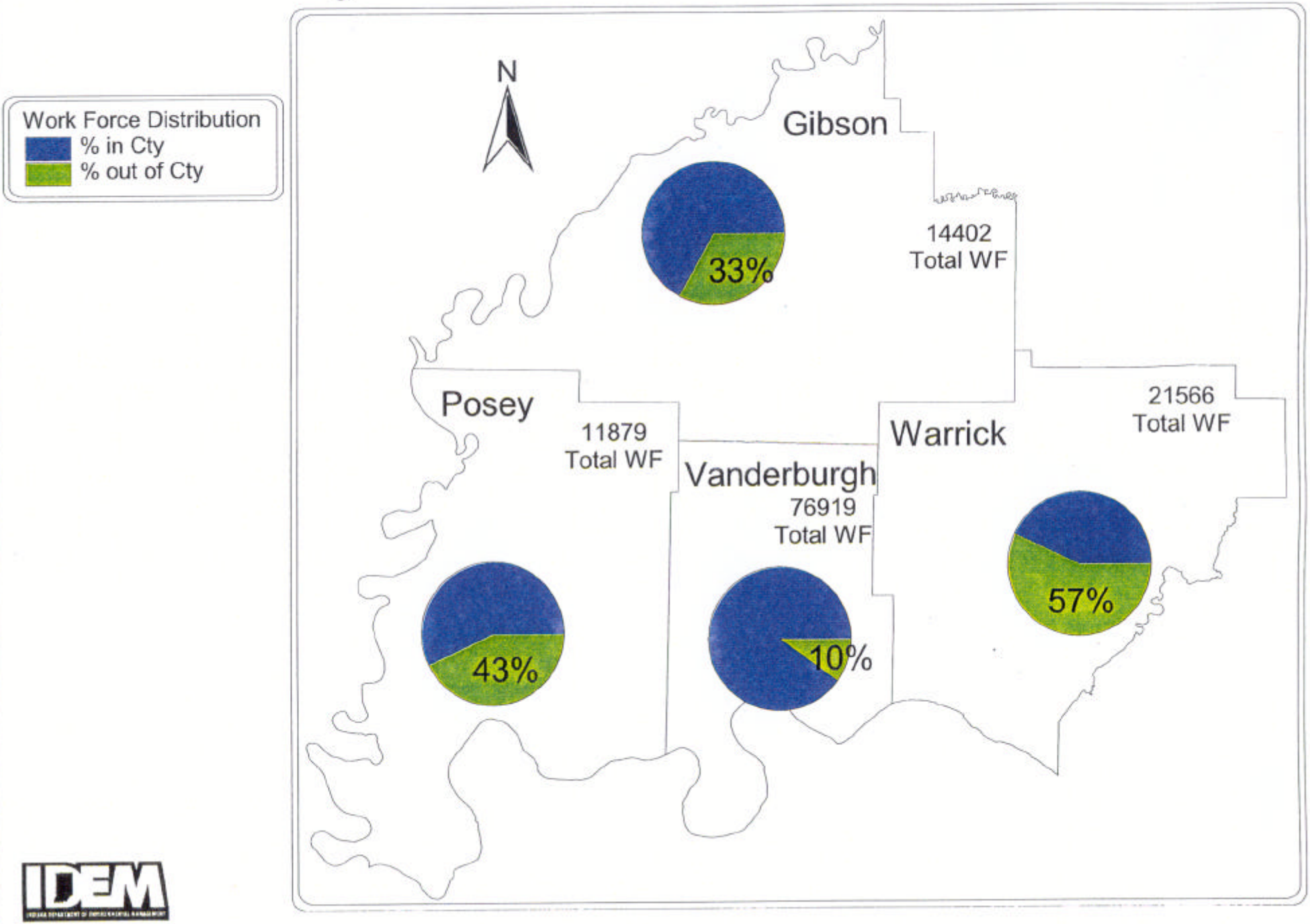
Evansville Area Population Growth

	1990	1997	# Change	% Change	2000	# Change	% Change	2020	# Change	% Change
Gibson	31,913	31,948	35	0%	32,313	365	1%	33,197	1,249	4%
Posey	25,968	26,640	672	3%	27,438	798	3%	29,372	2,732	10%
Vanderburgh	165,058	166,837	1,779	1%	168,464	1,627	1%	172,403	5,566	3%
Warrick	44,920	50,831	5,911	13%	53,822	2,991	6%	61,067	10,236	20%

Evansville MSA Population and Road Data



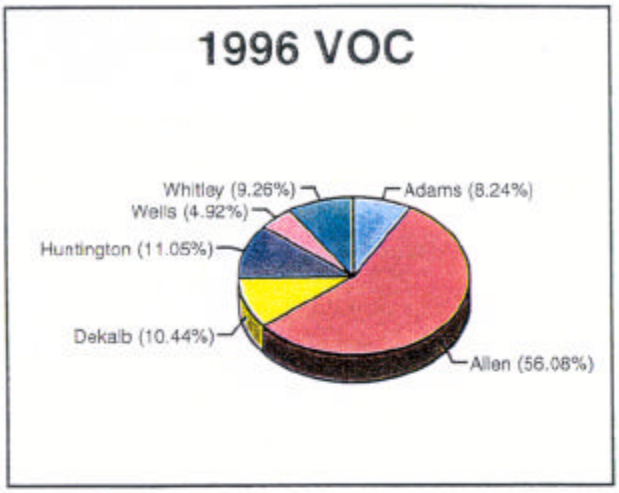
County Work Force Distribution

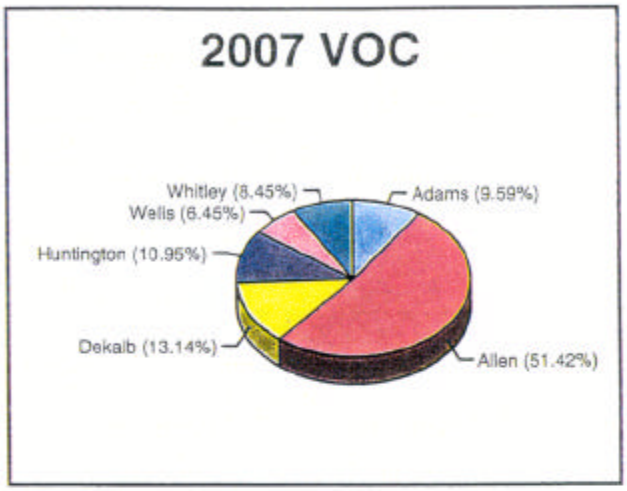


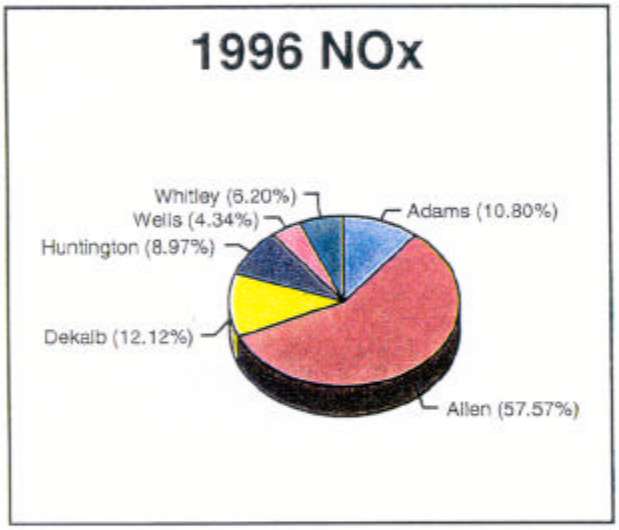
Supplemental Information Relevant to USEPA Guidance

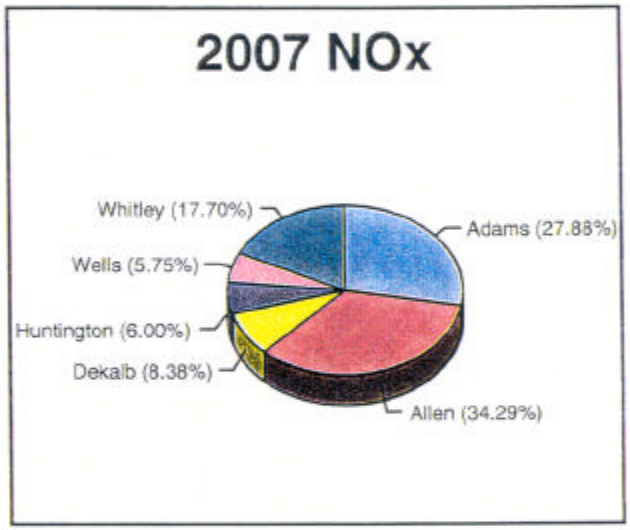
Fort Wayne MSA

Total Annual Emissions By County









	1996 VOC	% Of MSA	2007 VOC	% of MSA	1996 NOx	% of MSA	2007 NOx	% of MSA
Adams	3,550	8%	1,548	10%	4,015	11%	4,235	28%
Allen	24,150	56%	8,303	51%	21,391	58%	5,210	34%
Dekalb	4,497	10%	2,122	13%	4,504	12%	1,273	8%
Huntington	4,760	11%	1,768	11%	3,332	9%	911	6%
Wells	2,117	5%	1,042	6%	1,612	4%	874	6%
Whitley	3,988	9%	1,365	8%	2,305	6%	2,689	18%
	43,062	**100%**	**16,148**	**100%**	**37,159**	**100%**	**15,192**	**100%**

POINT SOURCES WITHIN THE ANALYSIS AREA

Annual Emissions In Tons As of 1996

Minimum 10 Tons VOC or NOx Per Year

First Sorted by VOC

Adams County

strFacilityName	NOx	VOC
CENTRAL SOYA COMPANY INC	385.02	666.75
GOLD SHIELD FIBERGLASS		164.15
THUNDERBIRD PRODUCTS, INC.		157.21
FLEETWOOD MOTOR HOMES OF INDIANA		79.00
UNITED TECHNOLOGIES AUTOMOTIVE	3.59	66.49
GOLD SHIELD FIBERGLASS		49.90
GILPIN IRONWORKS INC.		48.86
FLEETWOOD MOTOR HOMES OF INDIANA, INC.52		46.00
GOLD SHIELD FIBERGLASS		23.81
ELKHART PRODUCTS CORP	0.11	18.51
PRECISION WOOD CRAFTERS OF INDIANA, INC.		13.19
DECATUR CASTING	3.96	11.08
EP GRAPHICS		10.00

Allen County

strFacilityName	NOx	VOC
GENERAL MOTORS NATP FORT WAYNE ASSEMBLY	116.65	6,883.73
PHELPS DODGE MAGNET WIRE CO.	8.00	202.20
EAGLE PICHER PLASTICS DIV.		147.95
GE MOTORS AND INDUSTRIAL SYSTEMS (GEMIS)	27.19	118.39
ESSEX GROUP INC FORT WAYNE & CHEM. PROC	13.10	113.44
ESSEX GROUP, INC. FORT WAYNE PLANT	11.99	113.14
MICHELIN NORTH AMERICA,INC.	195.17	79.74
PANHANDLE EASTERN PIPELINE	1,545.30	65.48
ELITE ENTERPRISES		52.00
REA MAGNET WIRE CO, INC	15.73	50.12
PONTIAC FOUNDRY	11.34	48.52
AVERY DENISON - FASSON ROLL DIVISION	12.32	47.25
GE BROADWAY	13.12	45.60
VALSPAR CORP		44.80
TECO, INC.	1.19	43.05
GRABILL CABINET COMPANY	0.30	38.64
STONHARD MANUFACTURING, INC.		36.00
FORT WAYNE PLASTICS, INC.	2.85	33.82
FORT WAYNE FOUNDRY	4.72	25.06
TOKHEIM CORPORATION	5.74	23.33
NORTH AMERICAN VAN LINES	1.35	22.86
DANA CORP - SPICER AXLE	37.16	19.50
BROOKS CONSTRUCTION CO. INC.	9.52	17.49
TETRA PAK MATERIALS, INC	0.80	16.78
SLATERS STEELS	70.83	14.60
LINCOLN FOOD SERVICE PROD, INC.	3.29	14.07
WIELAND FURNITURE	0.05	12.85
BROOKS CONSTRUCTION	3.70	12.84
JEFFERSON SMURFIT CORPORATION	0.55	10.03

Dekalb County

strFacilityName	NOx	VOC
VULCRAFT, A DIVISION OF NUCOR CORP		329.55
COOPER TIRE & RUBBER CO., ENG.PROD.DIV	7.33	200.40
AUBURN FOUNDRY, INC.	11.26	132.21
THERMA-TRU CORPORATION		115.76
EAGLE PICHER PLASTIC		106.25
RIEKE CORPORATION		47.52
FOAMEX L.P.	231.25	29.56
DEKALB MOLDED PLASTICS CO.		21.49
AMERICAN FINISHING CORPORATION	0.10	17.01
ELECTRIC MOTOR SPECIALTIES, INC	0.20	16.01
FLEETWOOD HOMES OF INDIANA, INC.		14.00
STEEL DYNAMICS, INC.	60.25	5.36
BOHN ALUMINUM CORP.	23.46	3.05
SEALED POWER TECHNOLOGIES	11.91	0.69

Huntington County

strFacilityName	NOx	VOC
FRICTION MATERIALS	5.31	313.01
KEN-KOAT, INC	1.33	310.24
EAGLE-PICHER PLASTICS DIV-HUNTINGTON DIV		145.80
OHMITE MANUFACTURING CO.	0.30	90.50
SUN COMPANY		82.32
NOLL PRINTING COMPANY, INC	0.70	56.28
NORTH AMERICAN POWER SUPPLIES, INC.		52.00
ISOLATEK INTERNATIONAL	51.02	28.70
HAYES WHEELS INTERNATIONAL .	22.79	17.85
MAJCO BUILDING SPECIALTIES, L.P.		17.33
CITGO PETROLEUM CORP.	1.67	13.45

Wells County

strFacilityName	NOx	VOC
FRANKLIN ELEC CO	35.75	46.30
JET COMPOSITES, INC.	773.40	44.86
WAYNE METAL PRODUCTS CO., INC.	2.05	27.11
STERLING CASTING CORPORATION	0.78	10.75

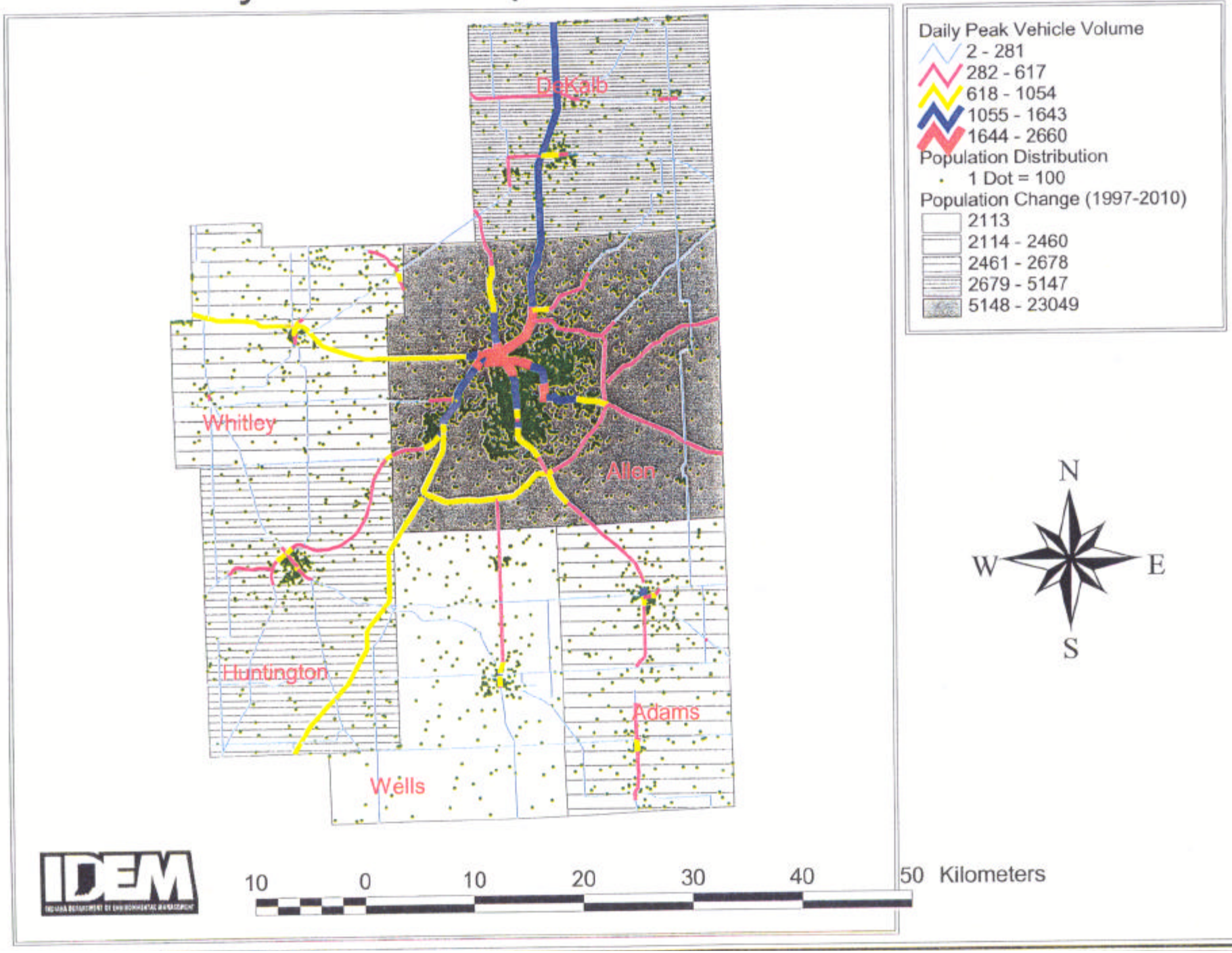
Whitley County

strFacilityName	NOx	VOC
ESSEX GROUP, INC. METALS PROCESSING #055	10.47	1,277.98
FORT WAYNE FOUNDRY	13.78	102.81
FIBRE FORM CORPORATION		70.00
WEATHERHEAD BRAKE PRODUCTS DIV DANA CORP	0.29	26.01

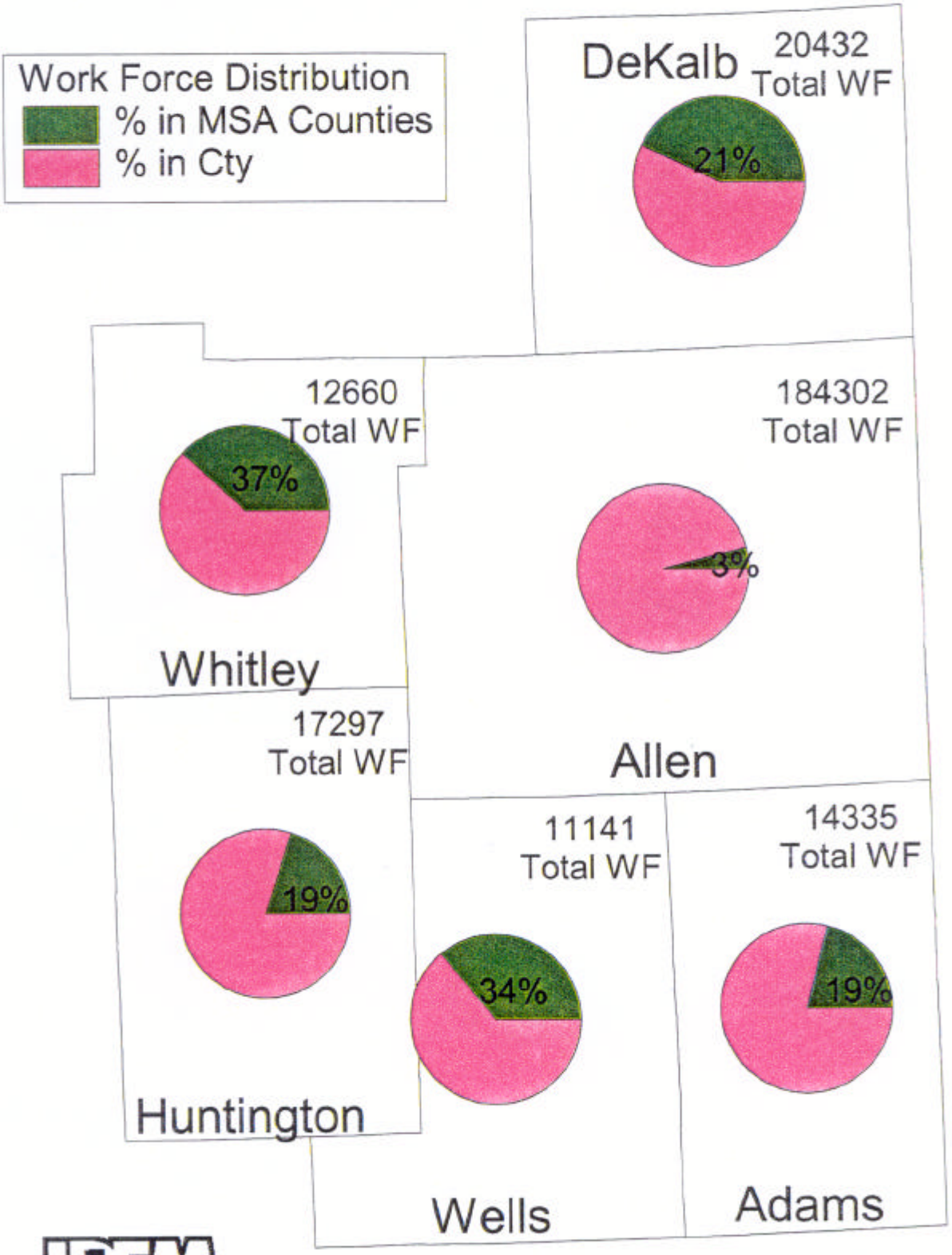
Fort Wayne MSA Population Growth Forecast

	1990	1997	2000	# Change	% Change	2020	# Change	% Change
Adams	31,095	32,837	33,806	969	3%	36,154	2,348	7%
Allen	300,836	312,091	321,245	9,154	3%	343,414	22,169	7%
Dekalb	35,324	38,722	40,766	2,044	5%	45,716	4,950	12%
Huntington	35,427	37,144	38,208	1,064	3%	40,783	2,575	7%
Noble	37,877	41,918	43,771	1,853	4%	48,260	4,489	10%
Wells	25,948	26,773	27,612	839	3%	29,645	2,033	7%
Whitley	27,651	29,969	30,946	977	3%	33,312	2,366	8%

Ft. Wayne MSA Population Density and DPVV



Ft. Wayne MSA Employment Base

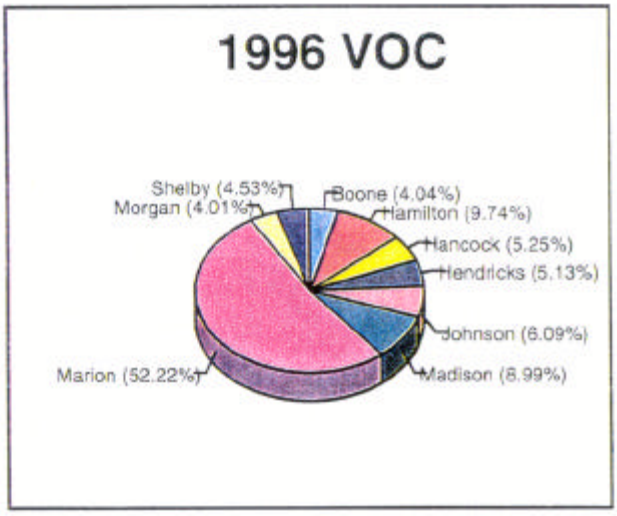


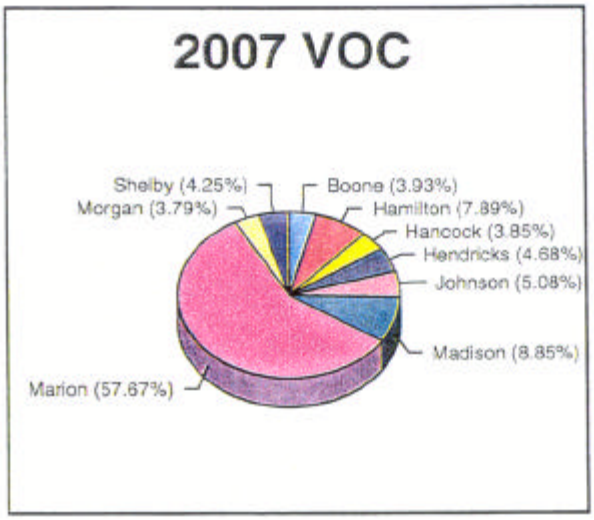
Supplemental Information Relevant to USEPA Guidance

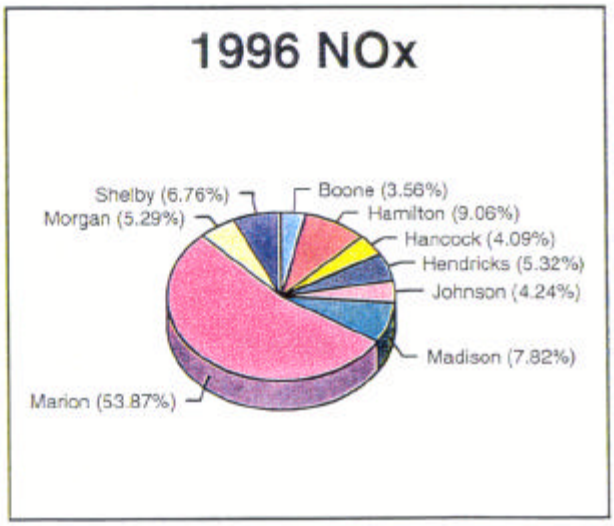
Indianapolis MSA

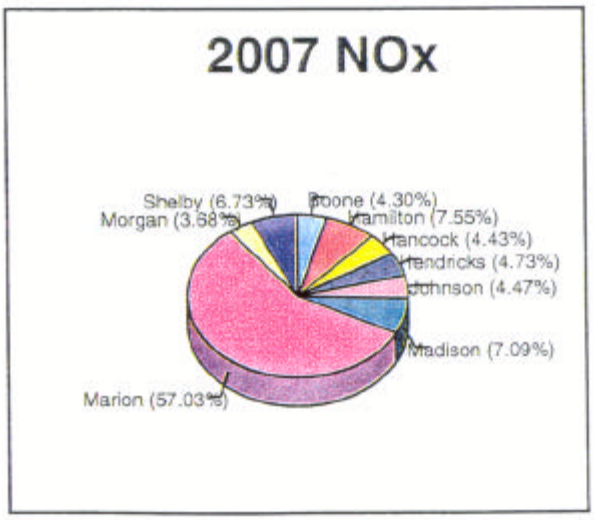
Total Annual Emissions By County

	1996 VOC	% Of MSA	2007 VOC	% of MSA	1996 NOx	% of MSA	2007 NOx	% of MSA
Boone	4,059	4%	2,740	4%	3,655	4%	3,540	4%
Hamilton	9,780	10%	5,503	8%	9,312	9%	6,217	8%
Hancock	5,277	5%	2,685	4%	4,203	4%	3,646	4%
Hendricks	5,154	5%	3,261	5%	5,469	5%	3,898	5%
Johnson	6,115	6%	3,543	5%	4,356	4%	3,681	4%
Madison	9,027	9%	6,171	9%	8,037	8%	5,838	7%
Marion	52,458	52%	40,195	58%	55,368	54%	46,980	57%
Morgan	4,024	4%	2,643	4%	5,432	5%	3,028	4%
Shelby	4,553	5%	2,961	4%	6,951	7%	5,547	7%
	100,448	100%	**69,701**	100%	**102,785**	100%	**82,374**	100%









POINT SOURCES WITHIN THE ANALYSIS AREA

Annual Emissions In Tons As of 1996

Minimum 10 Tons VOC or NOx Per Year

First Sorted by VOC

Boone County

strFacilityName	NOx	VOC
MARATHON PIPE LINE - LEBANON STATION		9.28

Hamilton County

strFacilityName	NOx	VOC
COUNTRYMARK COOPERATIVE, INC.		104.79
MAR-ZANE, INC.	2.73	36.79
FIRESTONE INDUSTRIAL PRODUCTS	10.85	34.09
INDUSTRIAL DIELECTRICS, INC	0.48	26.08
NOBLESVILLE CASTING, INC.	3.28	21.38
PSI ENERGY-NOBLESVILLE	1,085.91	2.34

Hancock County

strFacilityName	NOx	VOC
ROLL COATER INC.	35.30	912.11
FLAGSHIP CAPITAL CORP.	0.69	2.38
POWER SILICATES, INC.	49.22	1.59
ELI LILLY & CO	34.14	0.90

Hendricks County

strFacilityName	NOx	VOC
S T SERVICES, INC.		42.96
PHILLIPS PIPE LINE COMPANY	1.44	31.29
CLARK REFINING & MARKETING, INC.		9.10
INDIANA BOYS SCHOOL	43.65	0.44

Johnson County

strFacilityName	NOx	VOC
SONOCO FLEXIBLE PACKAGING	5.04	372.10
ALLIEDSIGNAL LAMINATE SYSTEMS	7.00	178.21
UNITED TECHNOLOGIES	0.75	49.32
ESSEX GROUP INC.		44.80
CAMP ATTERBURY	3.41	36.34
AT&T MORGANTOWN SITE	27.12	1.91
INDIANA MASONIC HOME	12.80	0.14

Madison County

strFacilityName	NOx	VOC
GMC-DELPHI INTERIOR AND LIGHTING SYSTEMS	130.07	661.13
ABC RAIL CORP.	31.89	478.48
ELSA CORPORATION	0.06	88.31
DELPHI ENERGY & ENGINE MGMT. SYSTEMS #3	29.96	86.88
DELCO REMY AMERICA, INC. {PLANT #17}	0.27	48.83
PAINT AND ASSEMBLY CORP.	2.38	29.53
FIBREX CORP/FORM. ROCKWOOL IND. INC.	58.42	27.89
ALAC GARMENT SERVICES	1.75	17.35
BROCKWAY GLASS INC.	515.23	17.02
PQ CORP	95.78	1.55
INDIANA STATE REFORMATORY	60.76	0.60

Marion County

strFacilityName	NOx	VOC
FORMPAC DIVISION OF W.R. GRACE & CO		471.83
CITIZENS GAS & COKE	766.73	321.92
INDIANAPOLIS CASTING CORPORATION	47.80	277.96
ELI LILLY AND COMPANY	0.80	259.81
CHRYSLER CORPORATION FOUNDRY	8.31	169.04
ALLISON TRANSMISSION DIVISION OF GMC	149.01	157.77
PANHANDLE EASTERN PIPELINE CO	2,568.70	133.22
INDUSTRIAL LAUNDRY AND DRY CLEANERS	1.54	112.03
INLAND PAPERBOARD AN PACKAGING, INC.	0.28	95.16
INDIANAPOLIS BELMONT WWTP	146.35	81.81
ALLISON TRANSMISSION DIVISION, #12/#14	7.74	75.13
LILLY INDUSTRIES, INC.	4.11	70.95
QUEENS GROUP INDIANA, INC.		58.14
WALKER CLEANERS		54.02
IPALCO - STOUT	6,023.85	50.66
ALLISON ENGINE CO. INC. PLANT 8	174.98	48.17
MARATHON OIL COMPANY - INDPLS TERMINAL		42.61
ELI LILLY AND COMPANY	0.54	41.84
SHEPARD & POORMAN COMMUNICATIONS, INC.		40.82
SHELL OIL COMPANY		36.81
MARATHON OIL COMPANY, SPEEDWAY TERMINAL		33.91
AMOCO OIL COMPANY		32.92
PRINT COMMUNICATIONS		32.87
THOMSON CONSUMER ELECTRONICS	7.54	30.51
GEIGER & PETERS INC		28.74
INDIANAPOLIS BAKERY	3.57	27.97
BEST LOCK CORP.		27.42
IVC INDUSTRIAL COATINGS, INC.		25.62
FORD MOTOR COMPANY	91.92	23.65
HORNER ELECTRIC	0.22	20.00
UNITED AIRLINES INDPLS MAINTENANCE CENTR	13.35	19.34
KERR-MCGEE CHEMICAL CORPORATION - FPD	30.97	18.51
INLAND CONTAINER	9.38	18.03
NATIONAL RAILROAD PASSENGER CORPORATION		16.99
POSTER DISPLAY		16.71
PRATT POSTER COMP.		16.38
REXNORD CORP., ROLLER CHAIN OPERATION	5.00	16.37
BENHAM PRESS, INC.		16.00
RICHARDSON CO - WITCO		15.61
WESTVACO ENVELOPE DIVISION		15.00
CREATIVE EXPRESSIONS		13.87
UNITED TECHNOLOGIES	0.31	13.05
UNITED COATINGS, INC.	1.05	13.00
ELI LILLY AND COMPANY		12.41
CORSI CABINET COMPANY, INC.		12.21
NATIONAL BY-PRODUCTS, INC.	8.35	12.04
VON DUPRIN DIVISION / INGERSOLL-RAND CO.	0.98	11.86

ALUMINUM FINISHING CORP.		11.01
MONSEY PRODUCTS		11.00
WHITE ARTS INC.	0.07	10.22
DESIGN PRINTING CO., INC.		10.12
IPALCO - PERRY K	2,664.88	9.53
OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	1,693.00	8.40
ALLISON ENGINE COMPANY, INC. - PLANT 8	139.40	7.97
INDIANA VENEERS	134.12	7.66
CITIZENS GAS & COKE UTILITY - LNG SOUTH	206.40	6.14
BRIDGEPORT BRASS D/B/A OLIN BRASS	74.31	4.12
REILLY INDUSTRIES INC	116.93	3.39
NATIONAL STARCH & CHEMICAL CORPORATION	202.06	3.28
CITIZEN GAS-COKE UTILITY	25.00	0.57
REILLY INDUSTRIES INC	32.42	0.32
DOA FT. BENJ HARRISON	16.51	0.31
DOW ELANCO	13.44	0.27
MILESTONE CONTRACTORS,L.P.	52.60	0.27
QUAKER OATS COMPANY	13.23	0.26
CENTRAL STATE HOSPITAL	10.43	0.23
COMMUNITY HOSPITAL EAST	36.86	0.11
MILESTONE CONTRACTORS, L.P.	10.87	0.03
QUEMETCO, INC.	193.13	

Morgan County

strFacilityName	NOx	VOC
HARMON-MOTIVE, INC.		67.00
TUSCARORA INCORPORATED	2.83	65.48
IPALCO-PRITCHARD STATION	1,757.97	13.20
GENERAL SHALE PRODUCTS	142.17	5.88
HYDRAULIC PRESS BRICK CO.	102.16	4.59

Shelby County

strFacilityName	NOx	VOC
GENCORP INC	3.07	154.83
CENTRAL SOYA COMPANY, INC.	4.76	142.28
ANR PIPELINE COMPANY	3,959.60	110.99
CALDWEELL GRAVEL SALES, INC.		99.00
KCL CORPORATION		66.37
RANDALL COMPANY - DIVISION OF TEXTRON	3.36	65.74
KNAUF FIBERGLASS	113.22	60.66
FREUDENBERG - NOK		44.61
PK USA, INC.	2.40	39.40
LIBBEY OWENS FORD CO.	6.81	37.22
VTI OF INDIANA, INC.		36.89

	1990	1997	# Change	% Change	2000	# Change	% Change	2020	# Change	% Change
Boone	38,147	42,985	4,838	13%	45,300	2,315	5%	50,906	7,921	18%
Hamilton	108,936	154,785	45,849	42%	176,037	21,252	14%	227,506	72,721	47%
Hancock	45,527	53,071	7,544	17%	56,761	3,690	7%	65,698	12,627	24%
Hendricks	75,717	92,291	16,574	22%	101,429	9,138	10%	123,561	31,270	34%
Johnson	88,109	106,888	18,779	21%	115,515	8,627	8%	136,408	29,520	28%
Madison	130,669	131,840	1,171	1%	132,533	693	1%	134,210	2,370	2%
Marion	797,159	813,670	16,511	2%	823,173	9,503	1%	846,190	32,520	4%
Morgan	55,920	64,787	8,867	16%	69,734	4,947	8%	81,716	16,929	26%
Shelby	40,307	43,151	2,844	7%	44,674	1,523	4%	48,363	5,212	12%

Indy MSA Road and Population Data

Daily Peak Vehicle Volume

- 10 - 610
- 611 - 1409
- 1410 - 2834
- 2835 - 5188
- 5189 - 8539

1990 Population Density

1 Dot = 50

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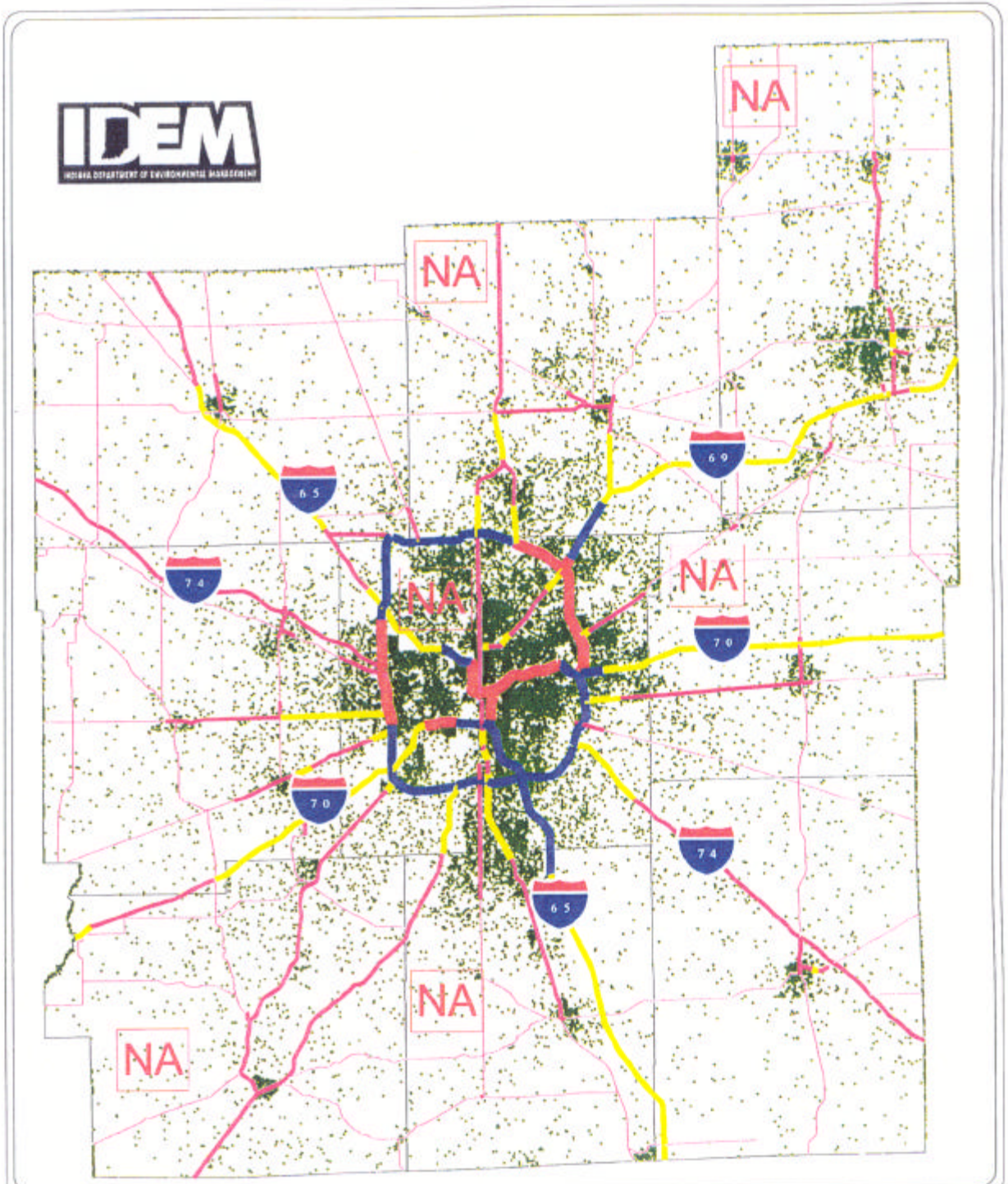
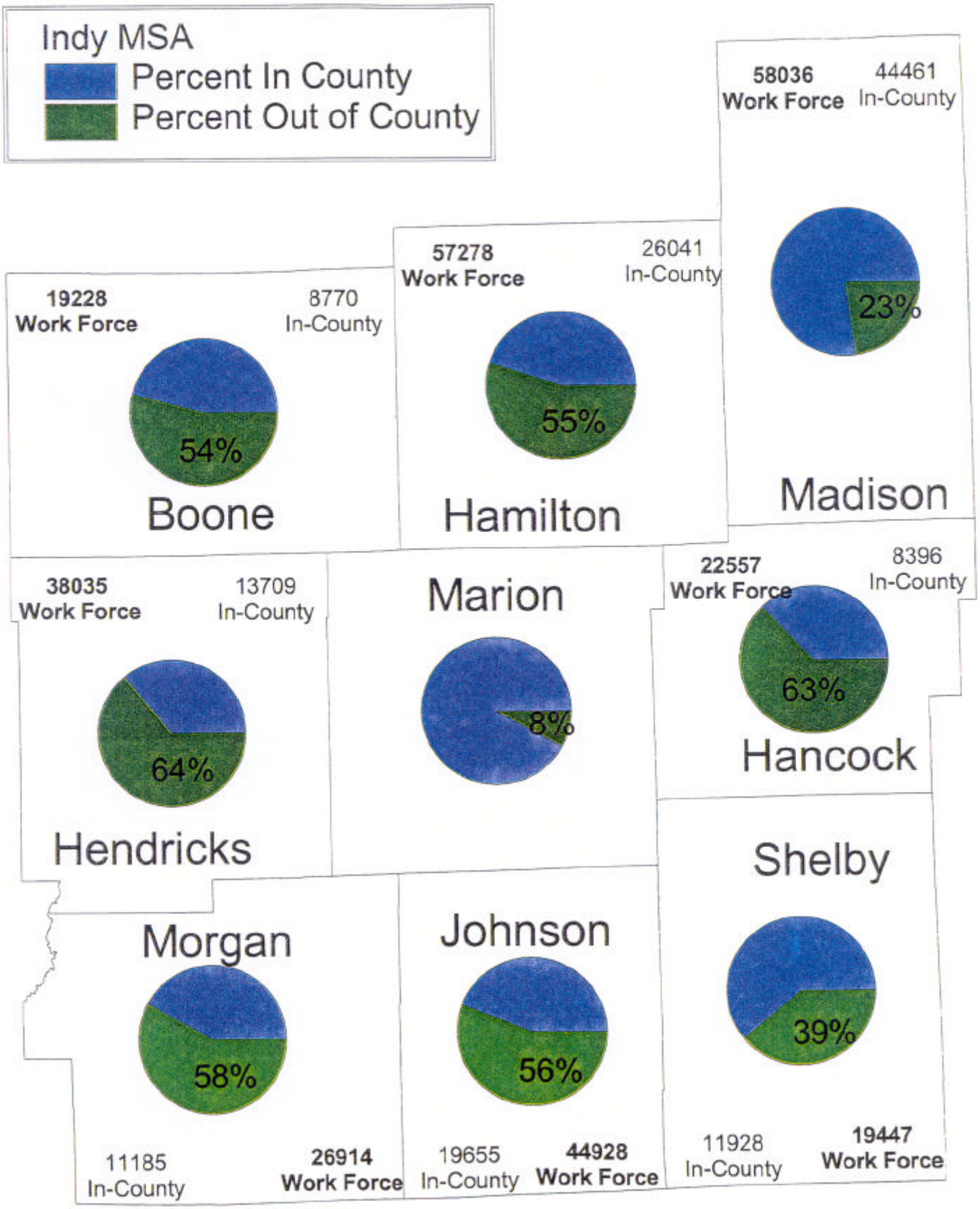


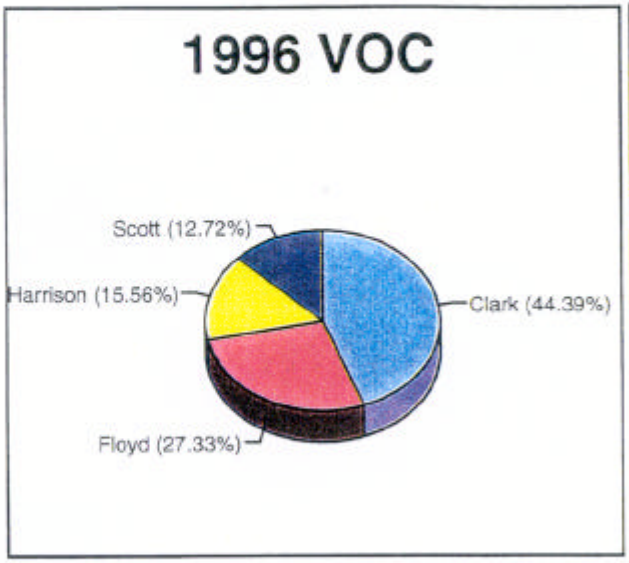
County Work Force Distribution

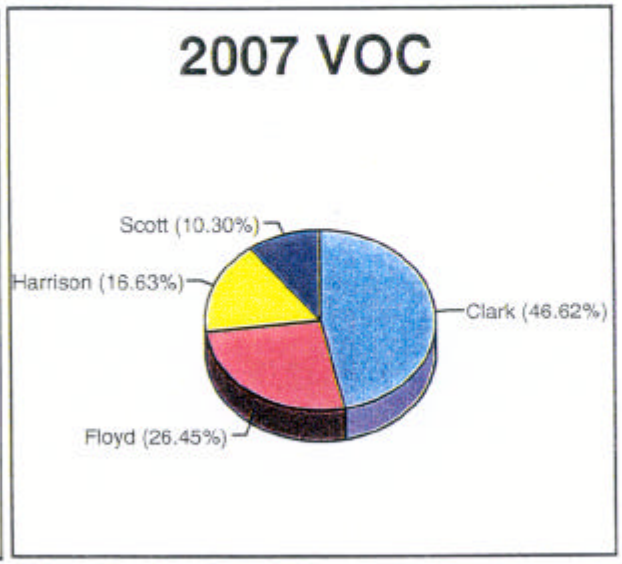


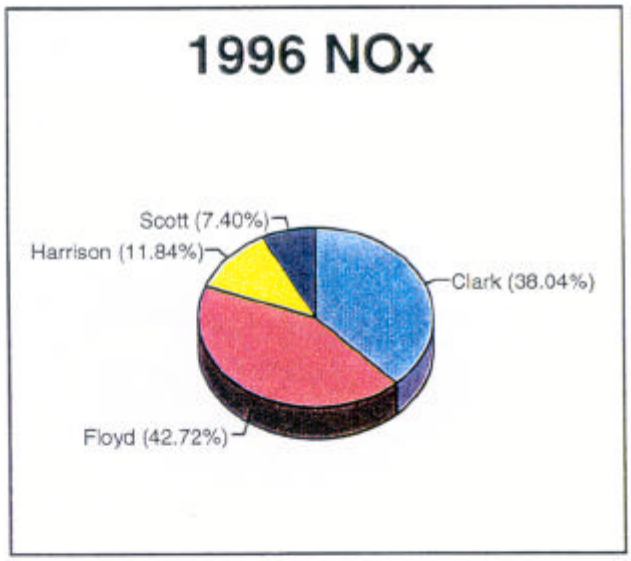
Supplemental Information Relevant to USEPA Guidance

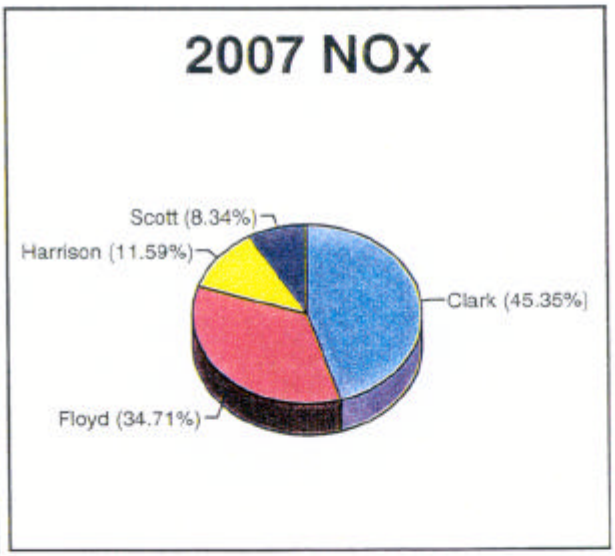
Louisville CMSA

Total Annual Emissions By County









	1996 VOC	% Of MSA	2007 VOC	% of MSA	1996 NOx	% of MSA	2007 NOx	% of MSA
Clark	7,814	44%	2,635	47%	8,966	38%	3,192	45%
Floyd	4,810	27%	1,495	26%	10,070	43%	2,443	35%
Harrison	2,739	16%	940	17%	2,791	12%	816	12%
Scott	2,239	13%	582	10%	1,745	7%	587	8%
	17,602	100%	**5,652**	100%	**23,572**	100%	**7,038**	100%

POINT SOURCES WITHIN THE ANALYSIS AREA

Annual Emissions In Tons As of 1996

Minimum 10 Tons VOC or NOx Per Year

First Sorted by VOC

Clark County

strFacilityName	NOx	VOC
KITCHEN KOMPACT INC		471.90
KIMBALL OFFICE FURNITURE- KIMBALL INTL	2.86	185.09
JEFFBOAT	2.15	167.98
HAAS CABINET CO		156.16
PROFILE EXTRUSION CO.		54.38
SELLERSBURG STONE COMP.	16.80	28.58
RHODES, INC.	6.30	17.90
ASHLAND PETROLEUM CO.		13.85
HILLERICH & BRADSBY	1.75	13.24
ESSROC MATERIALS	4,271.14	12.05
PHILADELPHIA QUARTZ	93.70	2.84
COLGATE-PALMOLIVE	16.17	0.68
APOLLO AMERICA CORP.	12.32	0.41

Floyd County

strFacilityName	NOx	VOC
FOAM FABRICATORS, LTD.	2.73	84.40
CRAIN INDUSTRIES, INC.		63.70
FLINT INK CORP.		55.72
PSI ENERGY - GALLAGHER	6,999.88	34.96
CAMEO MARBLE	0.25	19.41
CAMEO MARBLE	0.25	15.89
A. F. WOLKE PAINT COMPANY		12.85
RAUCH REHABILITATION & DEV. SERVICES		12.24
PRODUCT SPECIALTIES		11.98
FIRE KING INTERNATIONAL INC.		11.15
HITACHI CABLE INDIANA, INC.	12.67	0.28

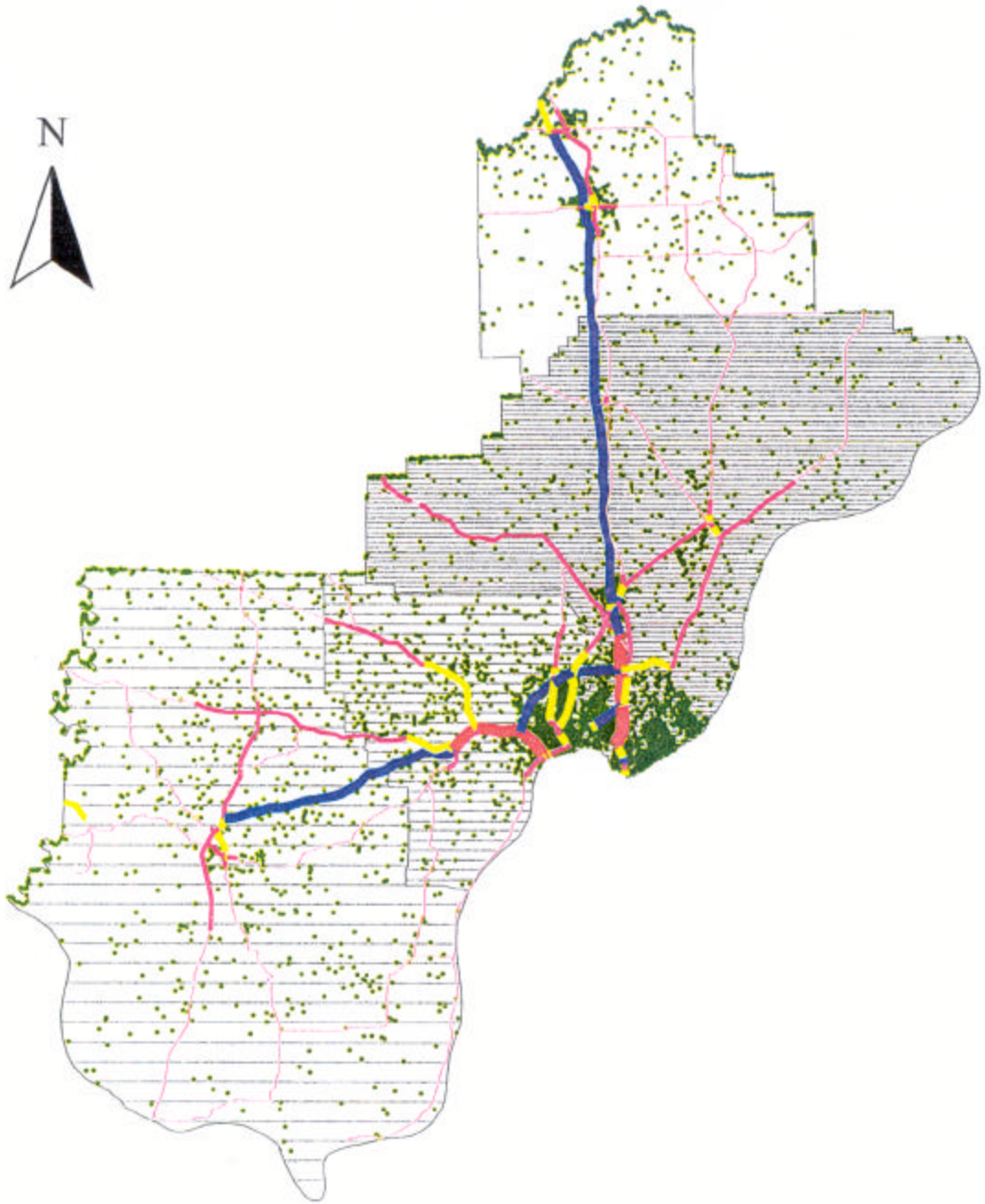
Scott County

strFacilityName	NOx	VOC
MULTI-COLOR CORP.	2.60	64.35
MORGAN FOODS, INC.	21.28	0.46

Clark & Floyd Area Population Growth

	1990	1997	# Change	% Change	2000	# Change	% Change	2020	# Change	% Change
Clark	87,774	93,212	5,438	6%	96,748	3,536	4%	105,311	12,099	13%
Floyd	64,404	71,465	7,061	11%	74,802	3,337	5%	82,883	11,418	16%
Harrison	29,890	33,999	4,109	14%	36,430	2,431	7%	42,317	8,318	24%
Scott	20,991	22,818	1,827	9%	23,672	854	4%	25,739	2,921	13%

Jeffersonville MSA Road and Population Data



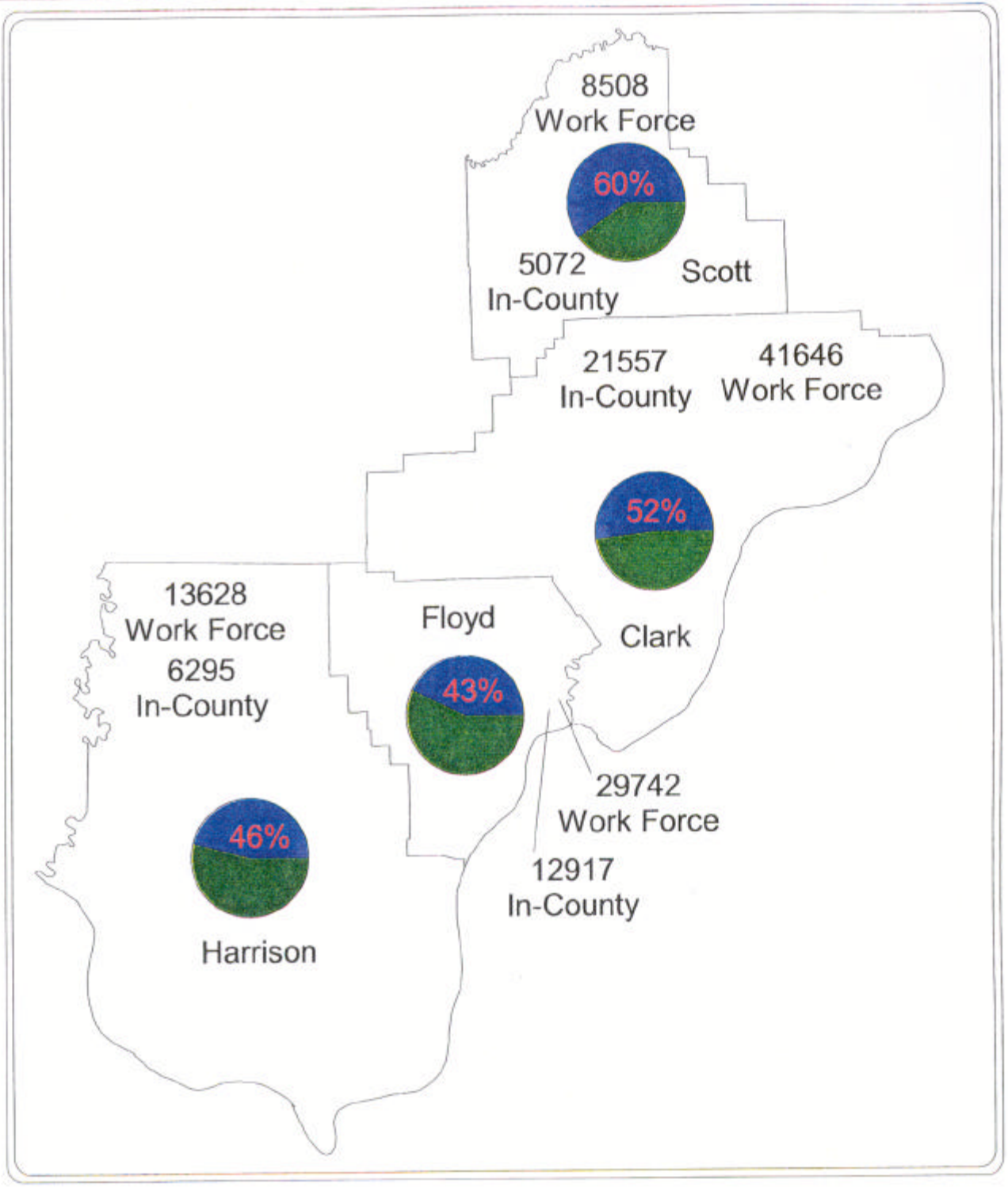
Daily Peak Vehicle Volume
- 1 - 269
- 270 - 621
- 622 - 1187
- 1188 - 1862
- 1863 - 4193

1990 Population Density
- 1 Dot = 50

Population Growth (1997-2020)
- 2921
- 2921 - 8318
- 8318 - 11418
- 11418 - 12099

IDEM

County Work Force Distribution



Jeffersonville MSA

% in County

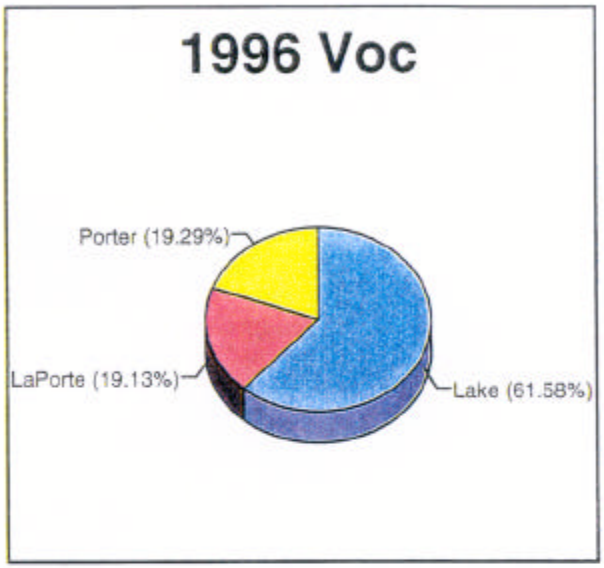
% out of County

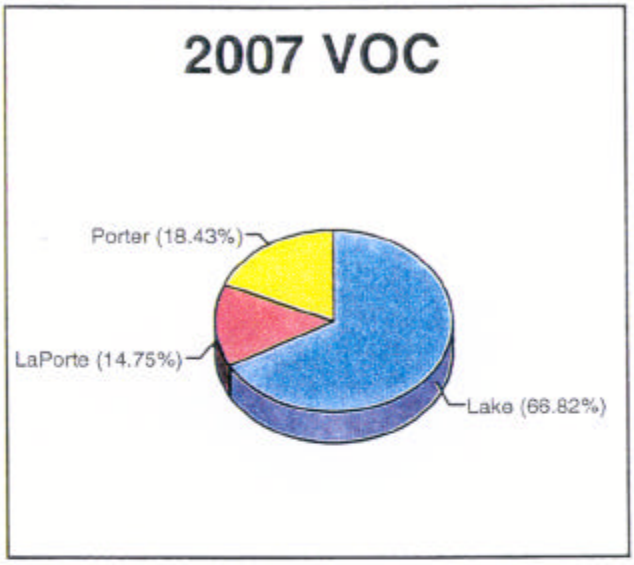
IDEM

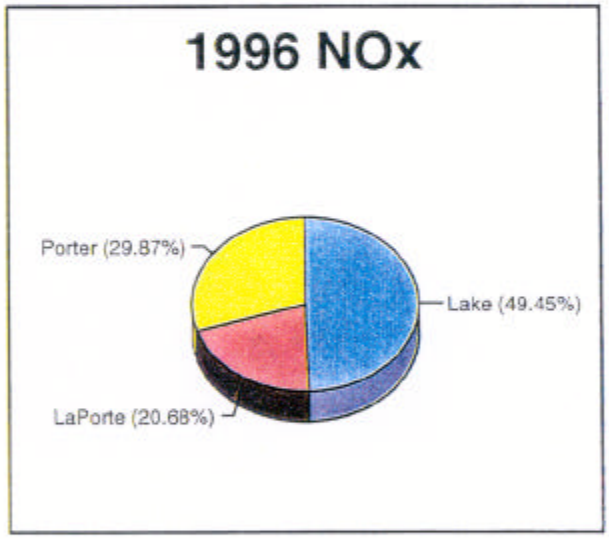
Supplemental Information Relevant to USEPA Guidance

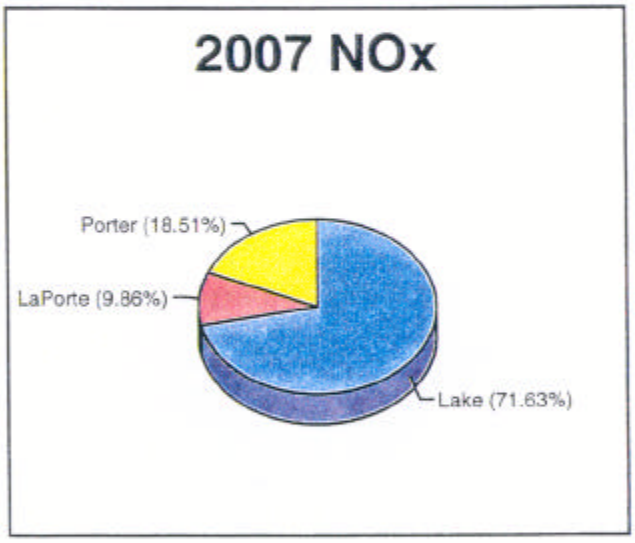
Northwest Indiana

Total Annual Emissions By County









	1996 VOC	% Of MSA	2007 VOC	% of MSA	1996 NOx	% of MSA	2007 NOx	% of MSA
Lake	15,106	62%	15,990	67%	30,584	49%	33,071	72%
LaPorte	4,693	19%	3,530	15%	12,791	21%	4,554	10%
Porter	4,731	19%	4,410	18%	18,475	30%	8,545	19%
	24,530	100%	**23,931**	100%	**61,850**	100%	**46,170**	100%

POINT SOURCES WITHIN THE ANALYSIS AREA

Annual Emissions In Tons As of 1996

Minimum 10 Tons VOC or NOx Per Year

First Sorted by VOC

Lake County

strFacilityName	NOx	VOC
U S STEEL CO GARY WORKS	7,622.80	3,828.67
INLAND STEEL COMPANY	14,896.70	1,873.68
AMOCO OIL COMPANY, WHITING REFINERY	7,984.96	1,087.44
AMERICAN MAIZE PRODUCTS COMPANY	591.71	768.15
LTV STEEL COMPANY	4,469.55	303.03
AMERICAN STEEL FOUNDRIES	39.06	230.88
CITGO PETROLEUM CORP		227.46
SILGAN CONTAINERS CORP	16.97	173.20
ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	945.93	93.50
UNION TANK CAR COMPANY - PLANT #1	18.37	92.46
KEIL CHEM -FERRO CO	17.03	92.46
MARATHON PIPELINE-GRIFFITH STATION		78.50
PHILLIPS PIPELINE		71.56
MARATHON OIL COMPANY, HAMMOND TERMINAL		55.90
GEN AMER TRANS CORP #2	7.90	51.00
MOBIL OIL CORP	0.05	48.53
MOBIL OIL-TANK FARM		37.82
SHELL OIL COMPANY		36.89
NIPSCO-DEAN H MITCHELL STATION - GARY	3,708.19	32.99
AMOCO OIL CO - HAMMOND TANK FARM		31.02
LAKEHEAD PIPE LINE CO. INC.		23.20
DAVIES IMPERIAL COATINGS, INC.		21.27
DANA TRANSPORT	0.30	21.17
EXPLORER PIPELINE COMP.		20.35
WHEELING CORRUGATING COMPANY GARY PLANT	2.65	19.57
CLARK REFINING & MARKETING, INC.		19.12
GLOBE INDUSTRIES INC	14.63	18.40
COMMONWEALTH EDISON	5,448.05	18.15
NORTHERN INDIANA DOCK CO.	1.50	16.50
AMERICAN STEEL FOUNDRIES	4.55	14.36
AVERY DENNISON MFD	12.32	14.23
STANRAIL CORP.		13.99
GLOBE BUILDING MATERIALS		12.41
AMOCO OIL CO. WHITING TERMINAL		10.12
RHONE-POULENC BASIC CHEMICALS CO	45.36	7.42
MARBLEHEAD LIME CO.	862.34	5.64
AVERY DENNISON-DECORATIVE FILM DIVISION	8.26	5.42
TERMINALS INC. - WOLF LAKE	1.45	5.09
JUPITER ALUMINUM CORPORATION	62.98	4.91
SAFETY-KLEEN OIL RECOVERY CO.,INC.	85.12	2.21
LEVER BROTHERS COMPANY	48.94	1.53
UNITED STATES GYPSUM COMPANY	49.20	0.86
GEORGIA PACIFIC	14.70	0.78
E I DUPONT	30.57	0.73
LEHIGH PORTLAND CEMENT CO	87.05	0.62
GARY COAL PROCESSING	16.20	0.53
PRAXAIR, INC.	24.61	0.48

Porter County

strFacilityName	NOx	VOC
BETHLEHEM STEEL CORP.	8,185.52	829.89
ENAMEL PRODUCTS AND PLATING CO.	3.79	222.59
UNITED STATES CAN COMPANY	14.90	209.45
AMERICAN NATIONAL CAN COMPANY		42.20
NIPSCO - BAILLY	22,546.95	26.55
NATIONAL STEEL CORP	694.04	17.15
ALPHA/OWENS-CORNING	17.81	12.99
WHEELER RECYCLING AND DISPOSAL FACILITY	13.07	12.60
BETA STEEL CORP.	28.16	3.31
MAGNETICS INTERNATIONAL, INC.	41.08	0.64
AIR PRODUCTS AND CHEMICALS, INC	13.05	0.27

LaPorte County

strFacilityName	NOx	VOC
SILIGAN CONTAINERS CORP.	43.12	264.59
ROLL COATER INC.	35.95	255.38
TELEDYNE CASTING SERVICE	7.48	193.93
WEISS PRESTAINING INC.	0.40	97.02
NIPSCO - MICHIGAN CITY	18,498.47	79.90
WEIL MCLAIN, A UNITED DOMINION COMPANY	9.96	63.81
HOLSUM FT. WAYNE, INC.	0.85	63.40
KINGSBURY CASTINGS DIVISION	5.68	57.23
MODINE MANUFACTURING COMPANY		45.00
PALTIER, DIV/LYON METAL PRODUCTS, INC.		37.51
AMPCOR II, INC.		32.75
DWYER PRODUCTS CORP		26.18
SULLAIR CORP BLDG. 1	8.91	17.45
THE NEW YORK BLOWER COMPANY		15.57
CRITERION CATALYST COMPANY L.P.	193.06	1.03
WESTVILLE CORRECTIONAL CENTER	68.35	0.50
INDIANA STATE PRISON	49.02	0.09

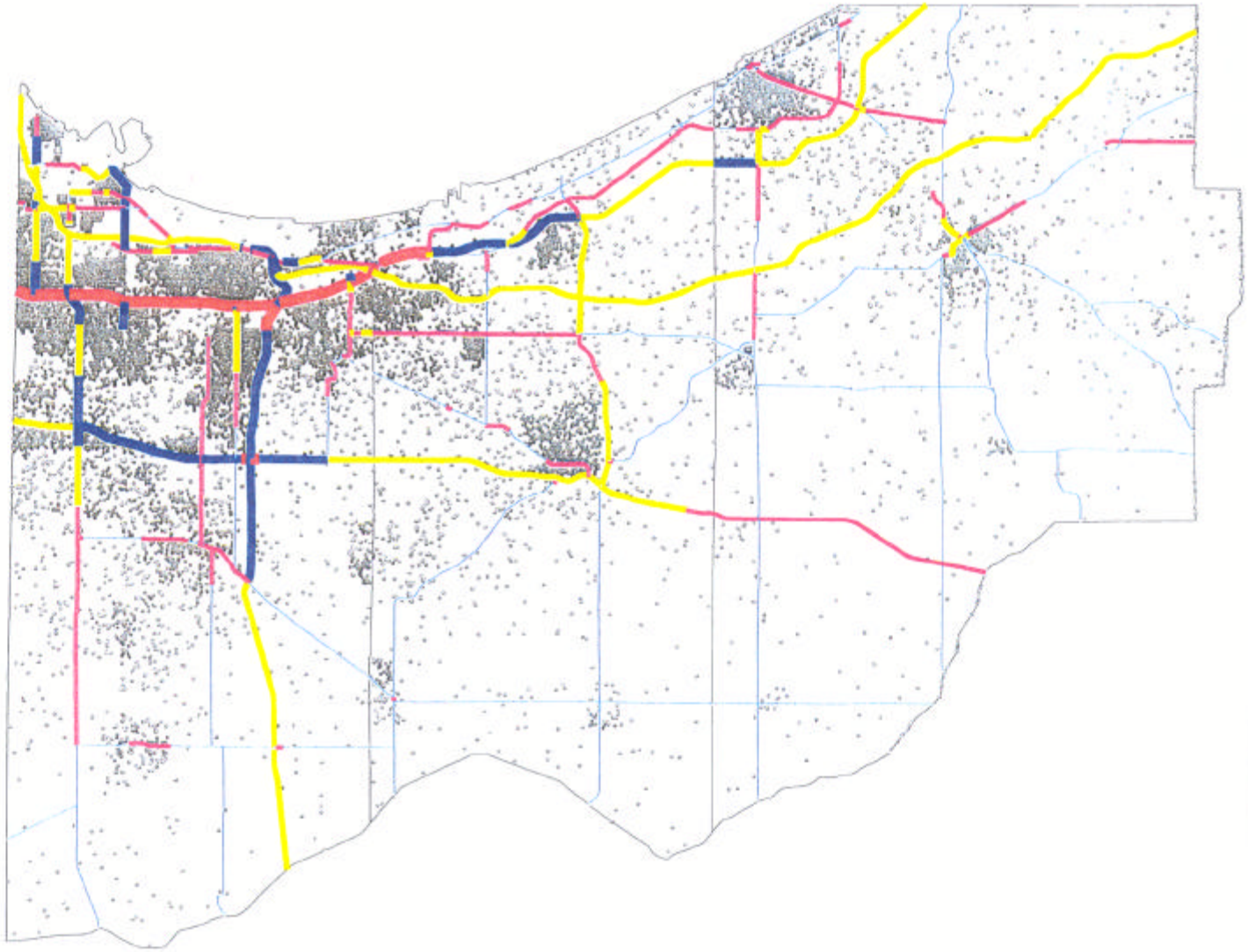
NW Indiana Area Population Growth

	1990	1997	# Change	% Change	2000	# Change	% Change	2020	# Change	% Change
Lake	475594	479339	3745	0.79%	486308	6969	1.45%	503185	23846	4.97%
LaPorte	107066	109080	2014	1.88%	110289	1209	1.11%	113217	4137	3.79%
Porter	128932	144084	15152	11.75%	151509	7425	5.15%	169493	25409	17.63%

Lake, Porter and LaPorte Counties Road Data

Daily Vehicle Miles Peak
- 16 - 472
- 473 - 895
- 896 - 1459
- 1460 - 2404
- 2405 - 7067

Population Distribution (1990)
- 1 Dot = 50



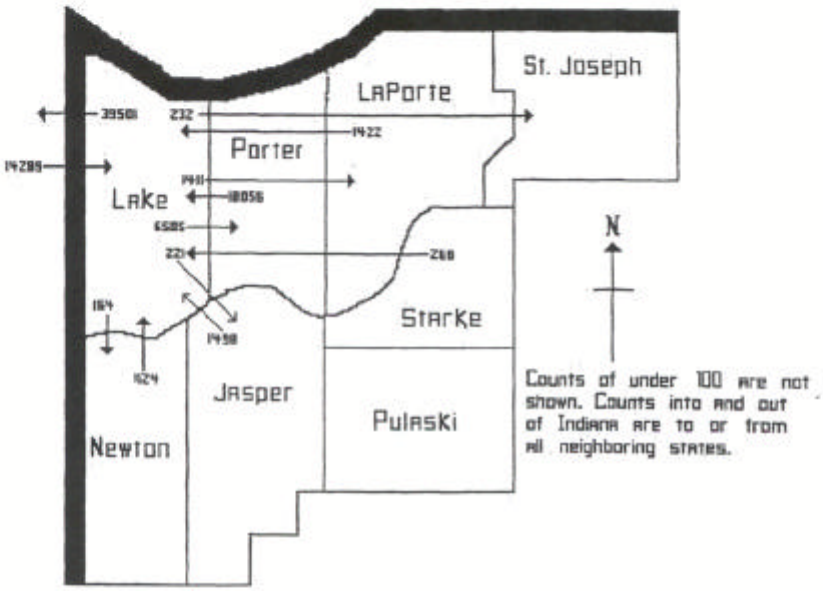
9 0 9 18 27 36 45 Kilometers

IDEM
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Lake County Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	199,700	100.0%
Worked in County of residence	150,858	75.5%
Worked out of County of residence	48,842	24.5%
Worked in Indiana-out of County of residence	9,341	4.7%
Worked out of Indiana	39,501	19.8%



Last Updated: January 10, 1997

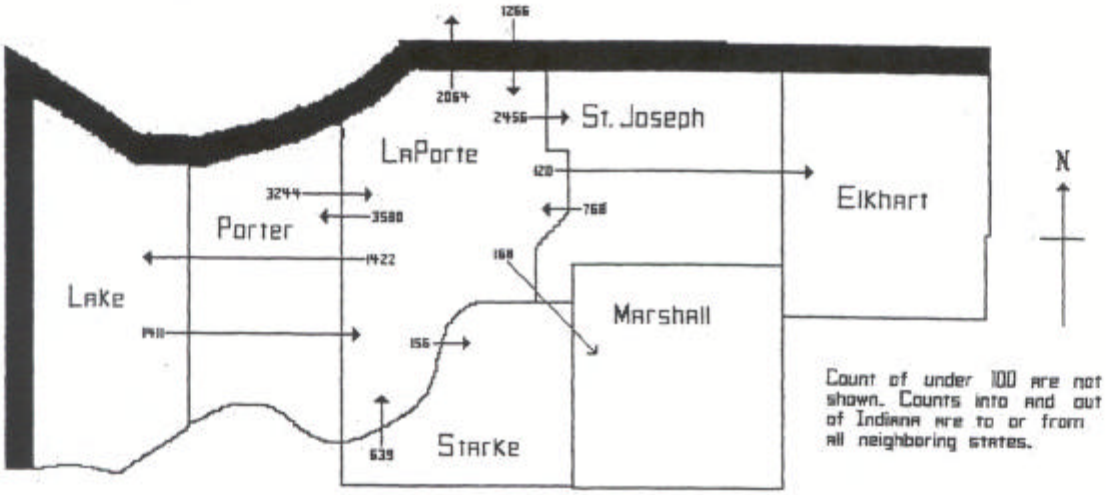
Analyst/Contact: Lillian Miles (219) 981-1520

Source: Indiana Dept. of Workforce Development, Labor Market Information

LaPorte County Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	47,358	100.0%
Worked in County of residence	36,971	78.1%
Worked out of County of residence	10,357	21.9%
Worked in Indiana-out of County of residence	8,293	17.5%
Worked out of Indiana	2,064	4.4%



Last Updated: January 10, 1997

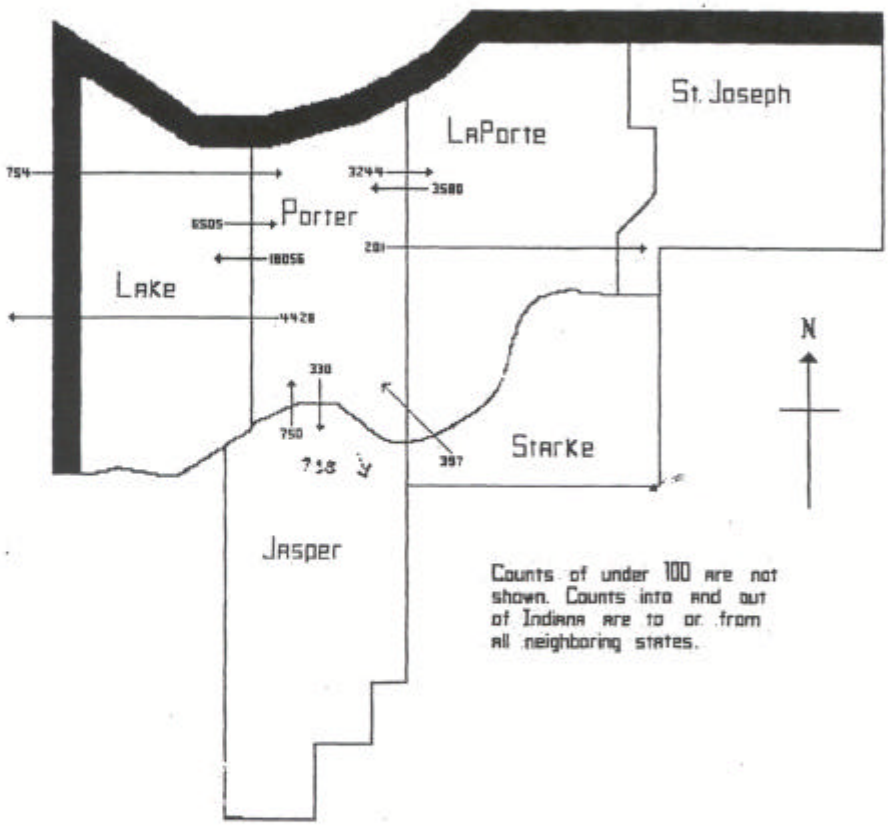
Analyst/Contact: Bruce Bendull (219) 762-2705

Source: Indiana Dept. of Workforce Development, Labor Market Information

Porter County Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	60,571	100.0%
Worked in County of residence	33,913	56.0%
Worked out of County of residence	26,658	44.0%
Worked in Indiana-out of County of residence	22,230	36.7%
Worked out of Indiana	4,428	7.3%



Last Updated: January 10, 1997

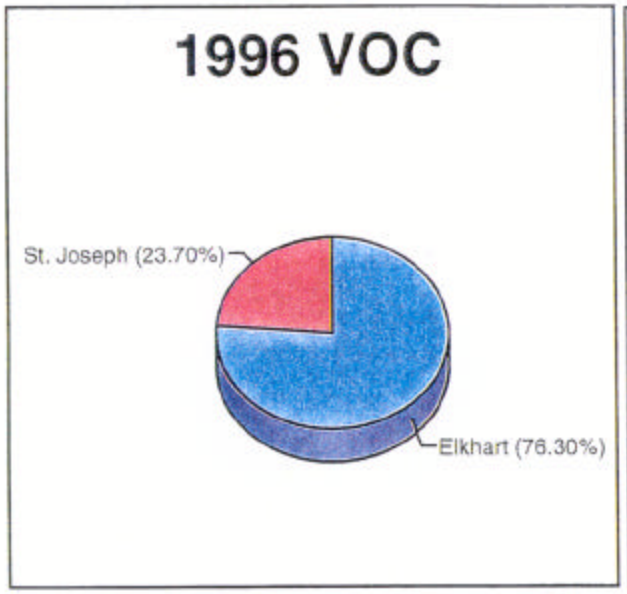
Analyst/Contact: Bruce Bendull (219) 762-2705

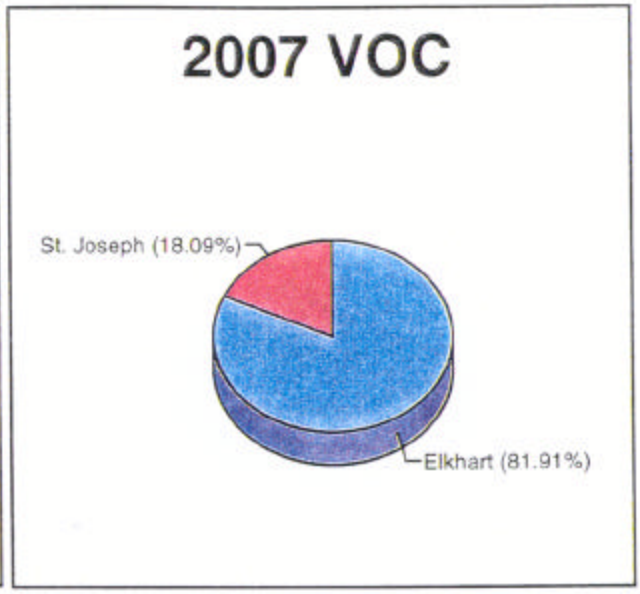
Source: Indiana Dept. of Workforce Development, Labor Market Information

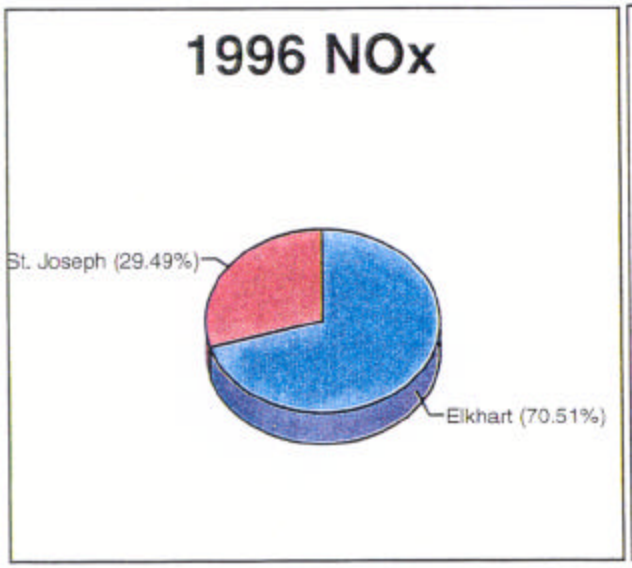
Supplemental Information Relevant to USEPA Guidance

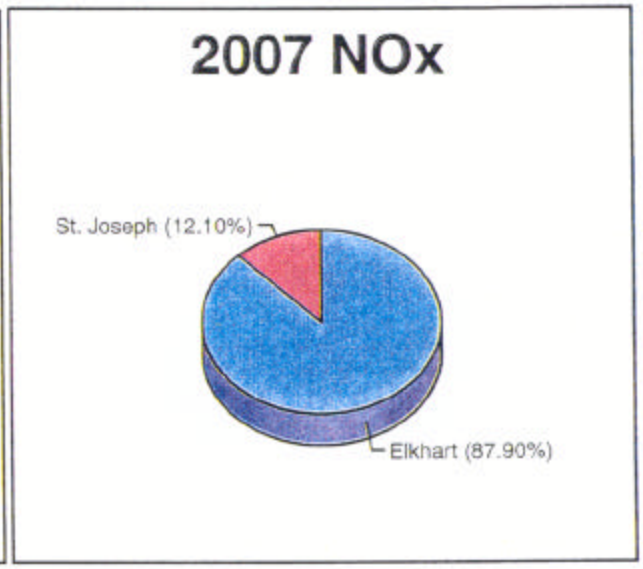
South Bend and Elkhart MSAs

Total Annual Emissions By County









	1996 VOC	2007 VOC	# Change	% Change	1996 NOx	2007 NOx	# Change	% Change
Elkhart	15,106	15,990	884	6%	30,584	33,071	2,487	8%
St. Joseph	4,693	3,530	(1,162)	-25%	12,791	4,554	(8,237)	-64%
	24,530	**23,931**	(599)	-2%	**61,850**	**46,170**	(15,680)	-25%

POINT SOURCES WITHIN THE ANALYSIS AREA

Annual Emissions In Tons As of 1996

Minimum 10 Tons VOC or NOx Per Year

First Sorted by VOC

Elkhart County

strFacilityName	NOx	VOC
E.R. CARPENTER	2.79	323.09
FLEXIBLE FOAM PRODUCTS, INC.		300.42
HOME-CREST CORPORATION	2.92	198.86
ACCRA PAC, INC.	6.95	186.10
NEWMAR CORP.	1.55	180.22
MIDDLEBURY HARDWOOD PRODUCTS		158.50
FABWEL COMPOSITES	1.10	152.46
20TH CENTURY FIBERGLASS, INC.		148.85
ACCRA PAC, INC.	6.95	136.64
STARCRAFT AUTOMOTIVE	2.30	125.81
CANA INTERNATIONAL		123.00
SELMER COMPANY,INC., VINCENT BACH DIV.		118.70
BECK INDUSTRIES	0.50	114.03
SUPREME CORPORATION	1.35	110.93
SMOKER-CRAFT INC	1.40	107.91
JAYCO, INC.		105.00
HOLIDAY RAMBLER CORP		103.58
HOLIDAY RAMBLER CORP PLANT 1		96.55
MILLENNIUM PRODUCTS, INC		88.27
COMMODORE HOMES		87.09
VENTURE WELDING	0.65	86.74
VIKING FORMED PRODUCTS		81.43
D & W INC.		80.00
EFP CORP.	4.95	75.18
PATRICK INDUSTRIES		74.00
BAYER CORPORATION	265.05	72.32
NIBLOCK EXCAVATING	3.42	70.50
RICHARD C MYNSBERGE DBA COPPES CABINETS		69.27
COACHMEN RECREATIONAL VEHICLE COMPANY		69.15
GLOBAL GLASS, INC.	0.05	67.00
FAIRMONT HOMES, INC.		66.70
WARRICK INDUSTRIES, INC.	0.05	66.00
DOORS PLUS, IN.	0.20	65.47
ADORN INCORPORATED	0.20	60.56
GLAVAL CORPORATION, PLANT #1		59.84
MONACO COACH CORPORATION		52.39
MASTER FAB INC.	0.52	51.73
STOW DAVIS FURNITURE, INC.	0.80	48.79
KUSTOM WOODWORKING		48.38
TRUCK ACCESSORY GROUP, INC.		48.02
COVERMASTER, INC.		45.03
FINISHING UNLIMITED		44.64
GULF STREAM COACH, INC.		44.58
BETTER WAY PRODUCTS, INC.		42.00
RANCH FIBERGLAS, INC.		39.43
CRA-GEN INC D/B/A WOODTEK PLT #2	0.10	37.89
STILES, INC.	0.99	37.03

QUALITY FRAMES, INC	0.20	33.96
GLOBAL GLASS INC.	0.20	33.10
OMEGA INDUATRIES, INC.		33.00
JASON INDUSTRIES, INC.		31.74
ET & T FRAMES, INC.	0.25	31.09
COACHMEN VANS	1.10	31.06
WELLS CARGO, INC.		31.00
WEE SHAPE FRAMES & WELDING, INC.	0.15	30.01
HOLIDAY RAMBLER LLC		28.48
SCHULT HOMES CORP- FRAME DIV		27.01
WOODTEK PLT #1	0.05	25.12
JOHNSON CONTROLS, INC.	0.40	25.10
CARRERA DESIGNS - PLANT 1	126.10	24.98
PATRICK METALS ELKHART (ILC PROD CO.)	1.25	24.76
NICKELL MOULDING CO., INC.		24.00
HERR CUSTOM PAINTING	0.05	23.23
BEHLEM MFG CO.		23.00
ABTCO INC		22.00
WALTER PIANO COMPANY, INC.		22.00
FOUR WINDS INTERNATIONAL CORPORATION	0.05	21.79
MCCOY MILLER, INCORPORATED	0.05	21.00
DAMON COPORATION PLANTS 1,2, AND 3 SITE	0.30	20.11
MANCHESTER TANK	3.57	19.23
GASKA TAPE, INC.	1.05	19.06
LITHOTONE	0.20	18.35
MILLER DOOR & TRIM INC		18.29
PATRIOT HOMES INC.		18.00
HERR CUSTOM PAINTING	0.05	17.42
NATIVE HARDWOODS INC.		17.00
CARRERA DESIGNS - PLANT 2	0.15	16.90
FOUR SEASONS HOUSING	0.30	16.16
QUALTIY DESIGNS		16.00
DAMON COPORATION PLANTS 4,6, AND 7 SITE	0.30	15.63
DADON CORP DBA MERHOW INDUSTRIES		15.00
BETTERWAY PRODUCTS		15.00
BAYER CORP.	1.35	14.95
WE VAC PLASTICS CORPORATION	0.05	14.66
VENTURE WELDING-COLLINS RD.	0.10	14.62
DEXTER RIM AND WHEEL	1.86	14.06
C & K FIBERGLASS PLASTICS, INC.	0.05	13.92
SUNNYBROOK RV, INC.		13.67
DAMON CORPORATION PLANT 9		13.22
PHILIPS PRODUCTS/VENTLINE DIV	1.40	13.07
HERITAGE FURNITURE INC.		13.00
BROOKS CONSTRUCTION	3.72	12.84
LCM, INC. (PAINT FACILITY)	0.55	12.80
HEALTH CARE INDUSTRIES	1.15	12.75
CMI - PRECISION MOLD, INC.		12.70
GOSHEN COACH DIVISION OF WARRICK INDUST.		11.00

HAULMARK INDUSTRIES, INC.		11.00
HAULMARK INDUSTRIES, INC.		11.00
PRESTIGIOUS PRINTING	1.35	10.35
PACE AMERICAN, INC.	4.76	10.10
CARRERA DESIGNS - PLANT 3	0.15	10.09
NIBCO, INC.	0.43	10.07
UTILIMASTER CORPORATION		10.04
FOUR SEASONS HOUSING CORPORATION	0.10	10.01
TOMKINS INDUSTRIES INC.(DEXTER AXLE DIV)	1.60	10.00
SHASTA INDUSTRIES		10.00
LEER INC.	1.82	9.72
HOLIDAY RAMBLER DIVISION		9.53
HB FULLER, INC.	0.20	9.49
SUPERIOR LAMINATING, INC.	123.55	9.45

St. Joseph County

strFacilityName	NOx	VOC
ALLIED SIGNAL-AIRCRAFT LANDING SYSTEMS		1,179.01
NEW ENERGY COMPANY OF INDIANA	895.50	1,054.91
UNIROYAL TECHNOLOGY CORP., ENSOLITE DIV.	99.00	193.44
AM GENERAL CORP	1.82	154.53
DODGE-RELIANCE ELECTRIC	8.18	136.47
AM GENERAL CORPORATION		97.70
PREMDOR, INC.	0.17	37.89
PETERSEN GRAPHICS GROUP	0.20	33.70
PENZ PRODUCTS, INC.	0.35	30.10
ALLIED SIGNAL CONTROL & ACCESSORIES		28.00
CITY OF SOUTH BEND-WASTEWATER TREATMENT	101.47	21.85
I/N TEK (CCM PROJECT)	114.37	20.99
AMERICAN ROLLER CO.	1.29	20.06
MOHAWK FLUSH DOORS, INC.		19.17
E.W.I. INC.	919.74	18.46
TOTAL ENTERPRISES, LTD.		17.31
CHARLES O. HILER DIVISION	1.57	14.43
SER OIL SERVICES		13.47
QUALITY CUSTOM BOAT TRAILERS		12.32
UNIV OF NOTRE DAME	1,199.30	3.50
I/N KOTE	72.42	1.72
MEMORIAL HOSPITAL OF SOUTH BEND, IN	28.77	0.58
HOLY CROSS SHARED SERVICES	22.65	0.24

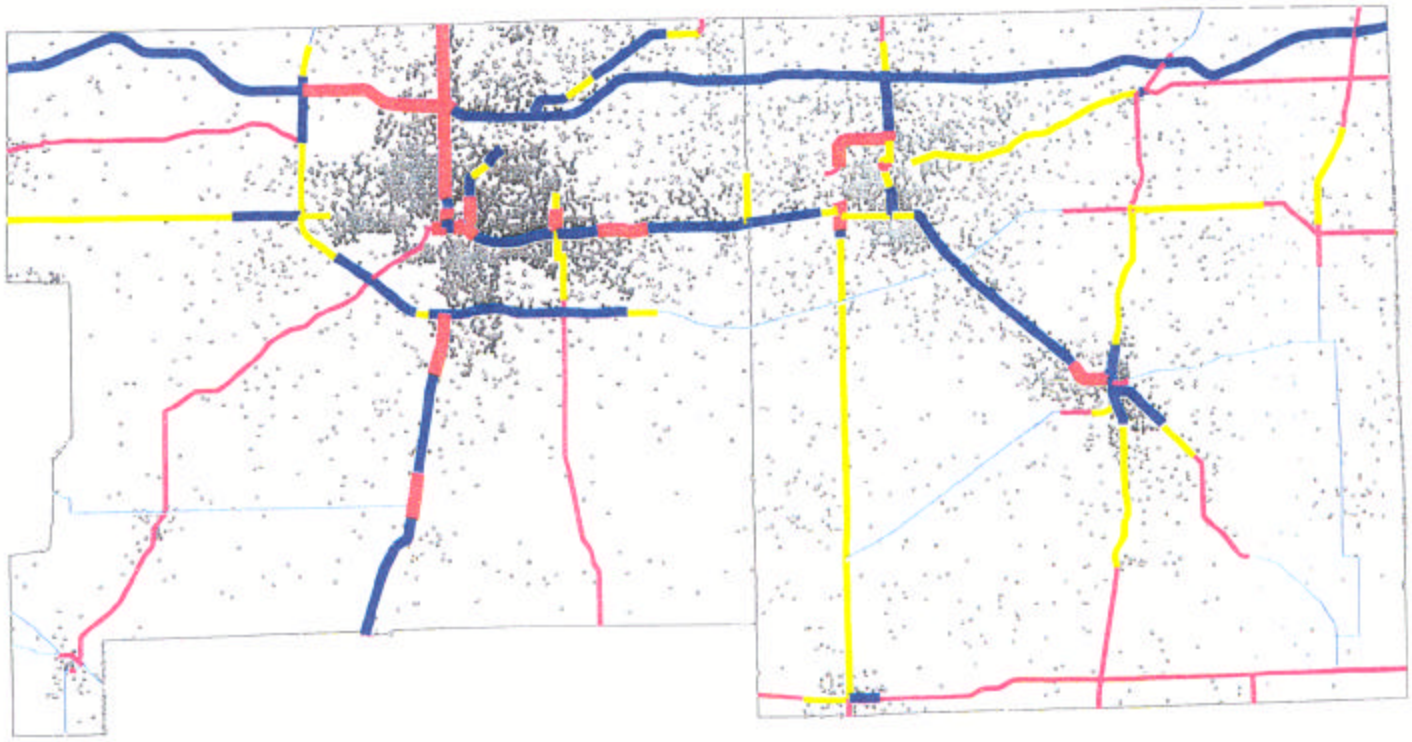
South Bend Area Population Growth

	1990	1997	# Change	% Change	2000	# Change	% Change	2020	# Change	% Change
Elkhart	156,198	170,725	14,527	9.30%	178,299	7,574	4.44%	196,644	25,919	15.18%
St. Joseph	247,052	258,056	11,004	4.45%	263,911	5,855	2.27%	278,093	20,037	7.76%

Elkhart and St. Joseph Counties Road Data

Daily Vehicle Miles Peak
- 0 - 215
- 216 - 449
- 450 - 712
- 713 - 1001
- 1002 - 1545

Population Distribution (1990)
- 1 Dot = 50



N

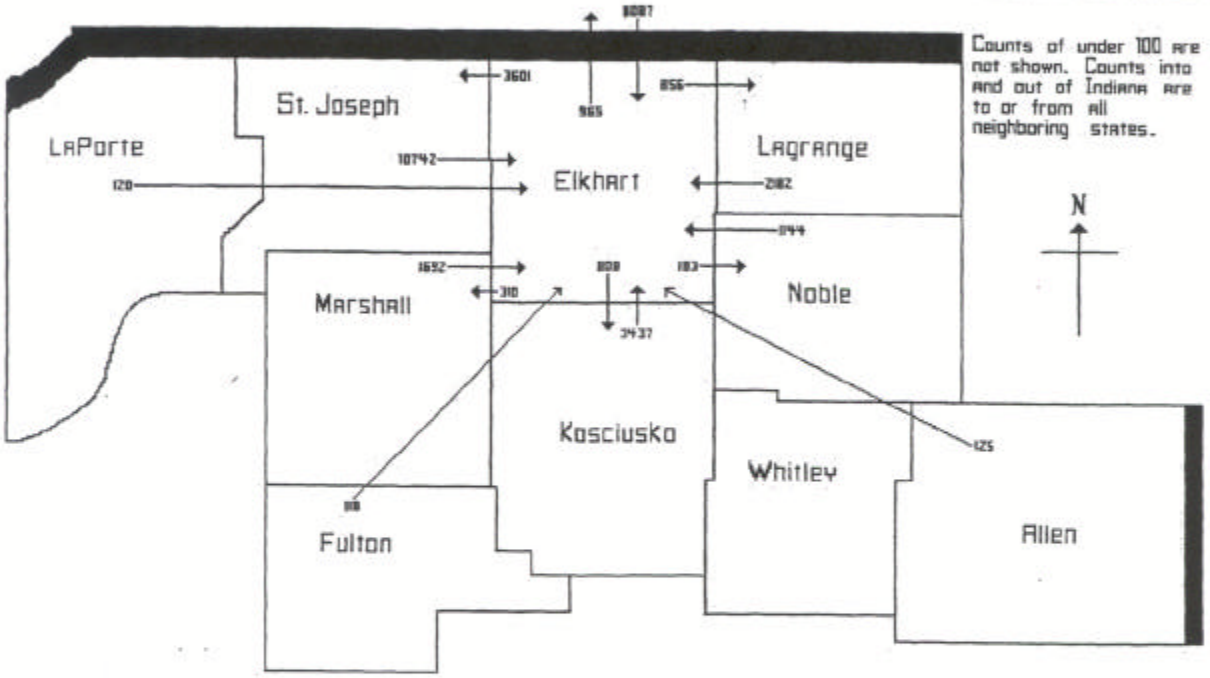
8 0 8 16 24 32 40 Kilometers

IDEM
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Elkhart County Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	79,496	100.0%
Worked in County of residence	72,405	91.1%
Worked out of County of residence	7,091	8.9%
Worked in Indiana-out of County of residence	6,126	7.7%
Worked out of Indiana	965	1.2%



Last Updated: January 10, 1997

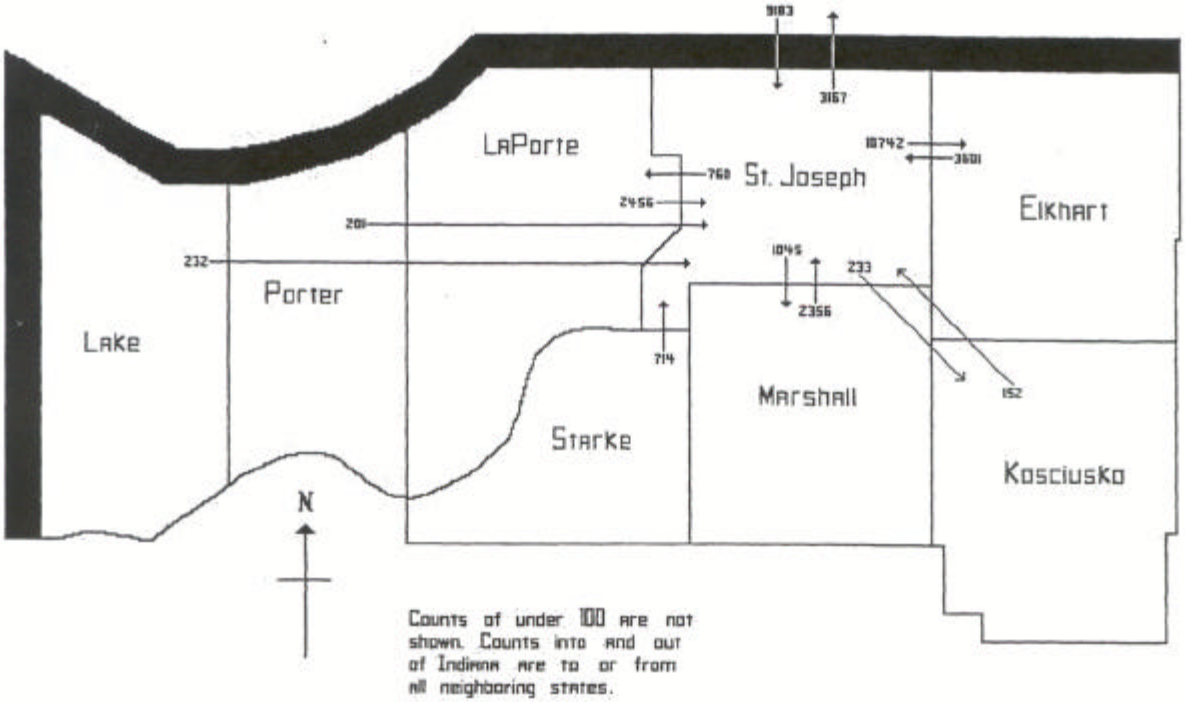
Analyst/Contact: Kathy Zeiger (219) 239-2380

Source: Indiana Dept. of Workforce Development, Labor Market Information

St. Joseph Commuting Patterns

(Based on 1990 U.S. Census)

Total workers 16+	115,613	100.0%
Worked in County of residence	98,792	85.5%
Worked out of County of residence	16,821	14.5%
Worked in Indiana-out of County of residence	13,654	11.8%
Worked out of Indiana	3,167	2.7%



Last Updated: January 10, 1997

Analyst/Contact: Kathy Zeiger (219) 239-2380

Source: Indiana Dept. of Workforce Development, Labor Market Information

2003 MSA Boundary Revisions

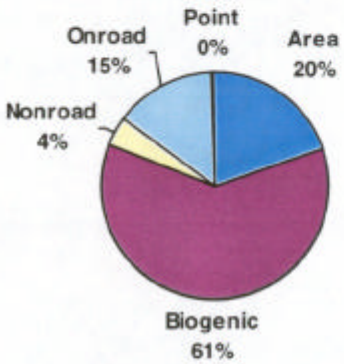
Technical Data Concerning Newly Affected Counties

1996 Annual Emissions

Franklin County

Tons per Year

VOC



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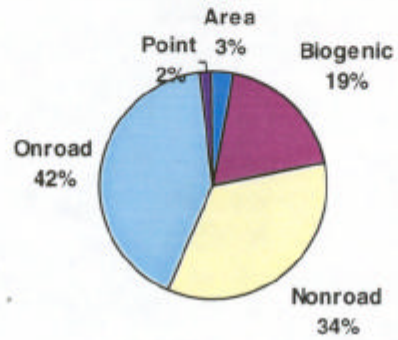

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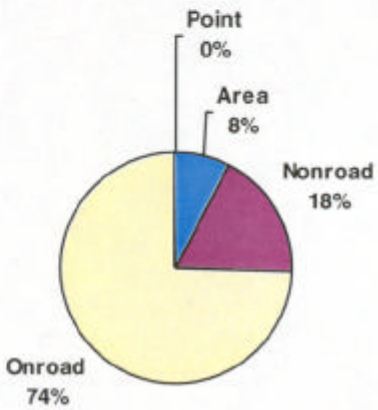


	VOC	NOx	CO
Area:	764	68	598
Biogenic:	2,346	413	
Nonroad:	156	739	1,390
Onroad:	566	913	5,706
Point:	11	36	5
Total:	3,844	2,169	7,699

Wednesday, July 02, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

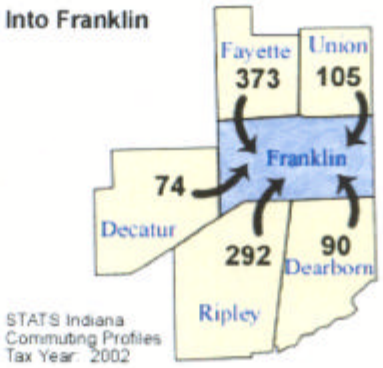
Franklin County, Indiana

Summary of what this information tells us about the labor and workforce:

Number of persons who live in Franklin County and work (resident labor force)	13,103
Number of persons who live AND work in Franklin County	7,074
Number of persons who live in another county (or state) but work in Franklin County	1,267
Total number of persons who work in Franklin County (work force)	8,341

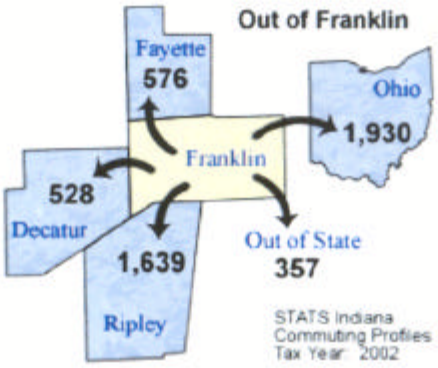
Top five counties sending workers INTO Franklin County:

Fayette County	373
Ripley County	292
Union County	105
Dearborn County	90
Decatur County	74
Total of above	934 workers
(11.2% of Franklin County work force)	



Top five counties receiving workers FROM Franklin County:

Ohio (State)	1,930
Ripley County	1,639
Fayette County	576
Decatur County	528
Out of State	357
Total of above	5,030 workers
(38.4% of Franklin County labor force)	



More detail for this county:
(where 10 or more either commute into or out of this county)

County name	Commute INTO Franklin County	Commute FROM Franklin County To:
Bartholomew County	6	27
Dearborn County	90	181
Decatur County	74	528
Delaware County	4	13
Fayette County	373	576
Hamilton County	11	63
Hancock County	4	11
Henry County	0	10
Illinois	10	6
Johnson County	13	14
Kentucky	9	84
Marion County	43	147
Ohio County	7	22
Ohio (State)	59	1,930
Out of State	24	357
Ripley County	292	1,639
Rush County	26	103
Shelby County	10	111
Tippecanoe County	1	13
Union County	105	46
Wayne County	28	77

Note: commuters to/from Illinois, Michigan, Kentucky, Ohio, Wisconsin, and Pennsylvania are shown separately and are not included in the 'Out of State' category.

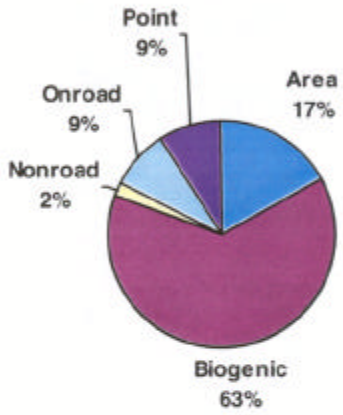
Data source: Indiana Dept. of Revenue
This table was produced by STATS Indiana on Jun 25, 2003

1996 Annual Emissions

Washington County

Tons per Year

VOC



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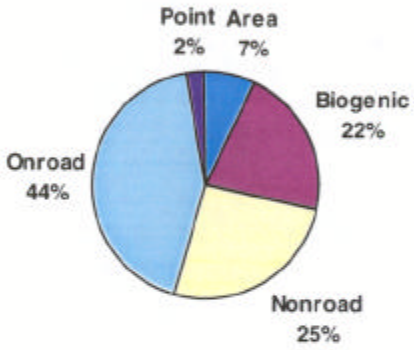

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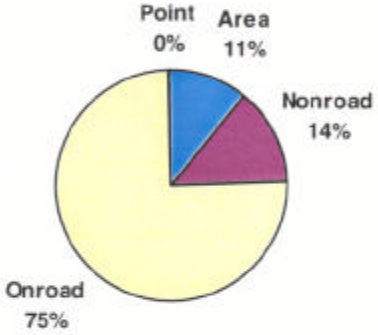


	VOC	NOx	CO
Area:	1,416	147	1,070
Biogenic:	5,235	443	
Nonroad:	155	516	1,318
Onroad:	715	900	7,292
Point:	724	51	22
Total:	8,246	2,057	9,703

Wednesday, July 02, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

Washington County, Indiana

Summary of what this information tells us about the labor and workforce:

Number of persons who live in Washington County and work (resident labor force)	15,536
Number of persons who live AND work in Washington County	10,278
Number of persons who live in another county (or state) but work in Washington County	936
Total number of persons who work in Washington County (work force)	11,214

Top five counties sending workers INTO Washington County:

Orange County	187
Clark County	144
Lawrence County	142
Scott County	106
Floyd County	95
Total of above	674 workers

(6.0% of Washington County work force)

Top five counties receiving workers FROM Washington County:

Clark County	1,432
Kentucky	1,322
Floyd County	821
Scott County	353
Jackson County	340
Total of above	4,268 workers

(27.5% of Washington County labor force)

More detail for this county:
(where 10 or more either commute into or out of this county)

County name	Commute INTO Washington County	Commute FROM Washington County To:
Bartholomew County	2	46
Clark County	144	1,432
Crawford County	24	18
Floyd County	95	821
Harrison County	81	299
Jackson County	52	340
Jefferson County	5	38
Kentucky	10	1,322
Lawrence County	142	88
Marion County	11	48
Martin County	1	18
Monroe County	2	28
Orange County	187	177
Out of State	5	106
Scott County	106	353
Vanderburgh County	5	11

Note: commuters to/from Illinois, Michigan, Kentucky, Ohio, Wisconsin, and Pennsylvania are shown separately and are not included in the 'Out of State' category.

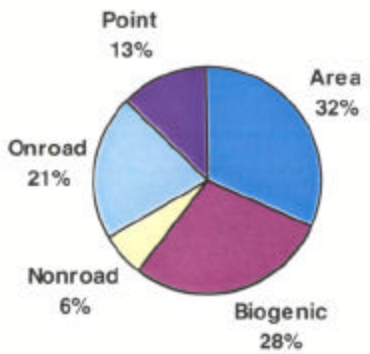
Data source: Indiana Dept. of Revenue
This table was produced by STATS Indiana on Jun 25, 2003

1996 Annual Emissions

Gibson County

Tons per Year

VOC



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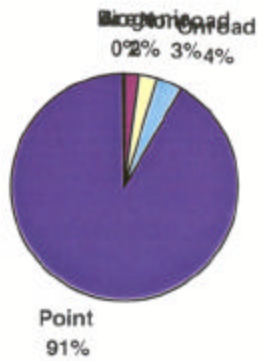

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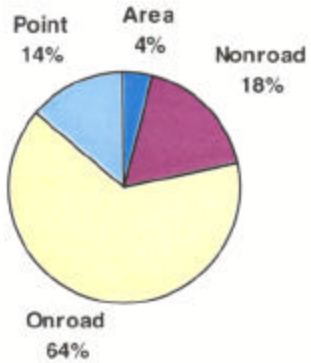


	VOC	NOx	CO
Area:	1,662	146	727
Biogenic:	1,478	923	
Nonroad:	329	1,355	3,022
Onroad:	1,099	1,768	10,904
Point:	664	44,711	2,351
Total:	5,232	48,903	17,004

Wednesday, July 02, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

Gibson County, Indiana

Summary of what this information tells us about the labor and workforce:

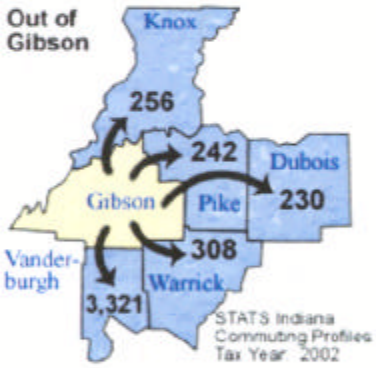
Number of persons who live in Gibson County and work (resident labor force)	20,628
Number of persons who live AND work in Gibson County	15,601
Number of persons who live in another county (or state) but work in Gibson County	5,801
Total number of persons who work in Gibson County (work force)	21,402

Top five counties sending workers INTO Gibson County:

Vanderburgh County	1,597
Illinois	1,309
Warrick County	774
Pike County	444
Knox County	401
Total of above	4,525 workers
(21.1% of Gibson County work force)	

Top five counties receiving workers FROM Gibson County:

Vanderburgh County	3,321
Warrick County	308
Knox County	256
Pike County	242
Dubois County	230
Total of above	4,357 workers
(21.1% of Gibson County labor force)	



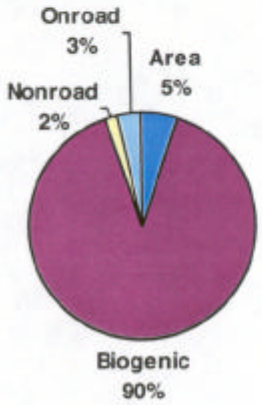
More detail for this county:
(where 10 or more either commute into or out of this county)

1996 Annual Emissions

Brown County

Tons per Year

VOC



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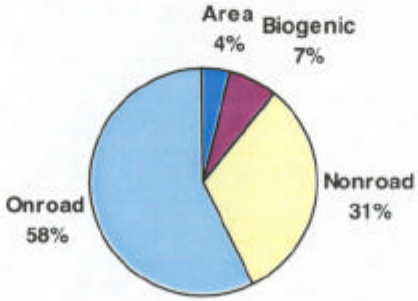

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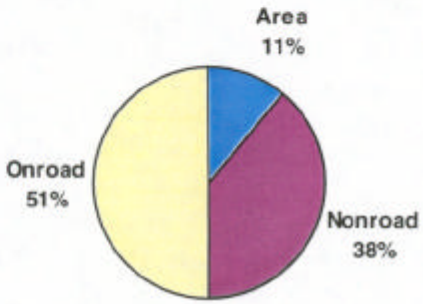


	VOC	NOx	CO
Area:	476	35	689
Biogenic:	8,302	62	
Nonroad:	167	273	2,331
Onroad:	313	501	3,064
Point:		0	0
Total:		870	6,084

Wednesday, July 02, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

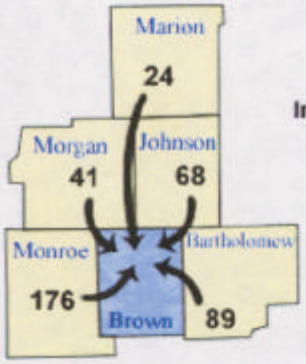
Brown County, Indiana

Summary of what this information tells us about the labor and workforce:

Number of persons who live in Brown County and work (resident labor force)	9,352
Number of persons who live AND work in Brown County	5,213
Number of persons who live in another county (or state) but work in Brown County	588
Total number of persons who work in Brown County (work force)	5,801

Top five counties sending workers INTO Brown County:

Monroe County	176
Bartholomew County	89
Johnson County	68
Morgan County	41
Marion County	24
Total of above	398 workers
(6.9% of Brown County work force)	

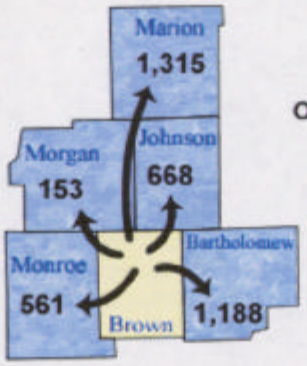


Into Brown

STATS Indiana
Commuting Profiles
Tax Year 2002

Top five counties receiving workers FROM Brown County:

Marion County	1,315
Bartholomew County	1,188
Johnson County	668
Monroe County	561
Morgan County	153
Total of above	3,885 workers
(41.5% of Brown County labor force)	



Out of Brown

STATS Indiana
Commuting Profiles
Tax Year 2002

More detail for this county:
(where 10 or more either commute into or out of this county)

County name	Commute INTO Brown County	Commute FROM Brown County To:
Bartholomew County	89	1,188
Greene County	10	2
Hamilton County	6	24
Hendricks County	9	15
Jackson County	19	45
Jennings County	2	10
Johnson County	68	668
Kentucky	13	2
Lawrence County	6	14
Marion County	24	1,315
Monroe County	176	561
Morgan County	41	153
Out of State	9	27
Shelby County	2	30
Tippecanoe County	11	3

Note: commuters to/from Illinois, Michigan, Kentucky, Ohio, Wisconsin, and Pennsylvania are shown separately and are not included in the 'Out of State' category.

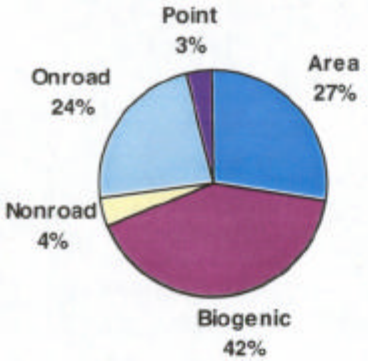
Data source: Indiana Dept. of Revenue
This table was produced by STATS Indiana on Jun 25, 2003

1996 Annual Emissions

Putnam County

Tons per Year

VOC



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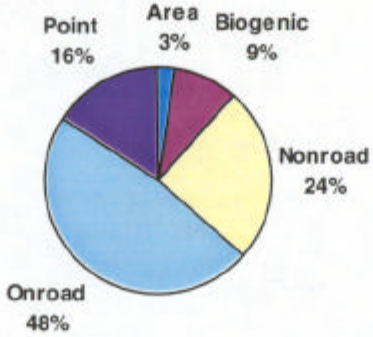
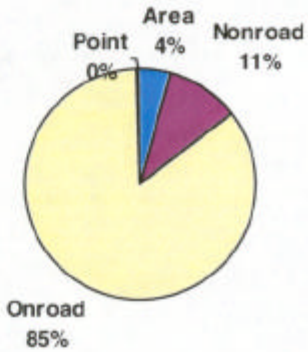


CO



	VOC	NOx	CO
Area:	1,610	150	772
Biogenic:	2,408	542	
Nonroad:	254	1,387	1,824
Onroad:	1,384	2,724	14,568
Point:	205	931	44
Total:	5,861	5,734	17,208

Wednesday, July 02, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

Putnam County, Indiana

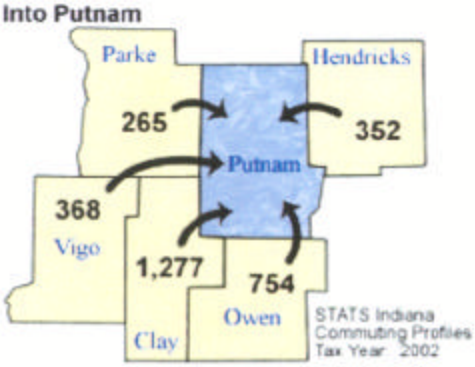
Summary of what this information tells us about the labor and workforce:

Number of persons who live in Putnam County and work (resident labor force)	20,438
Number of persons who live AND work in Putnam County	14,445
Number of persons who live in another county (or state) but work in Putnam County	3,775
Total number of persons who work in Putnam County (work force)	18,220

Top five counties sending workers INTO Putnam County:

Clay County	1,277
Owen County	754
Vigo County	368
Hendricks County	352
Parke County	265
Total of above	3,016 workers

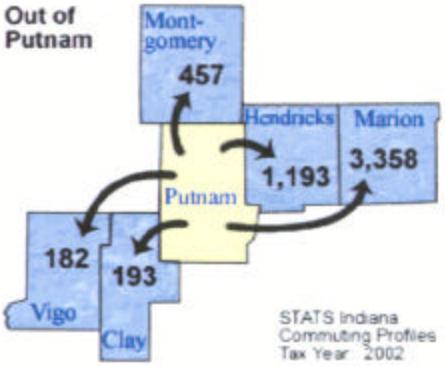
(16.6% of Putnam County work force)



Top five counties receiving workers FROM Putnam County:

Marion County	3,358
Hendricks County	1,193
Montgomery County	457
Clay County	193
Vigo County	182
Total of above	5,383 workers

(26.3% of Putnam County labor force)



More detail for this county:
(where 10 or more either commute into or out of this county)

County name	Commute INTO Putnam County	Commute FROM Putnam County To:
Boone County	24	56
Clay County	1,277	193
Fountain County	14	8
Greene County	21	6
Hamilton County	18	69
Hendricks County	352	1,193
Illinois	32	8
Johnson County	16	28
Madison County	11	9
Marion County	97	3,358
Monroe County	44	45
Montgomery County	126	457
Morgan County	108	56
Ohio (State)	17	7
Out of State	42	53
Owen County	754	43
Parke County	265	21
Sullivan County	15	3
Tippecanoe County	23	67
Vanderburgh County	5	10
Vermillion County	42	17
Vigo County	368	182

Note: commuters to/from Illinois, Michigan, Kentucky, Ohio, Wisconsin, and Pennsylvania are shown separately and are not included in the 'Out of State' category.

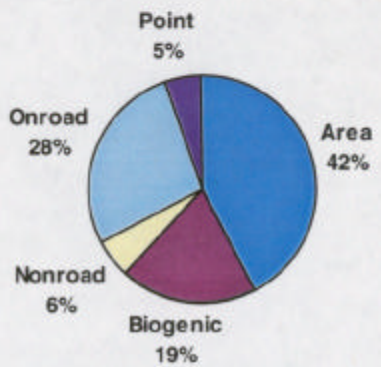
Data source: Indiana Dept. of Revenue
This table was produced by STATS Indiana on Jun 25, 2003

1996 Annual Emissions

Jasper County

Tons per Year

VOC



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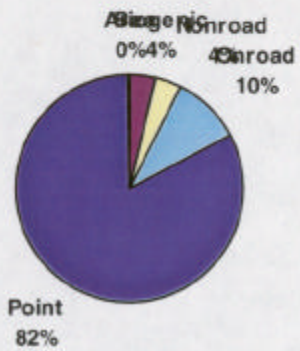

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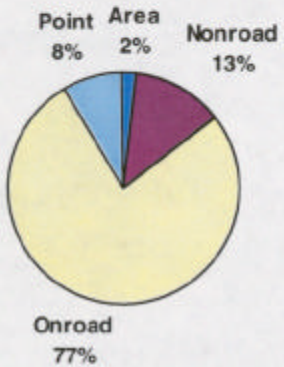


	VOC	NOx	CO
Area:	1,921	101	364
Biogenic:	880	975	
Nonroad:	251	1,041	2,249
Onroad:	1,265	2,772	13,435
Point:	246	22,616	1,445
Total:	4,563	27,505	17,493

Friday, July 11, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

Jasper County, Indiana

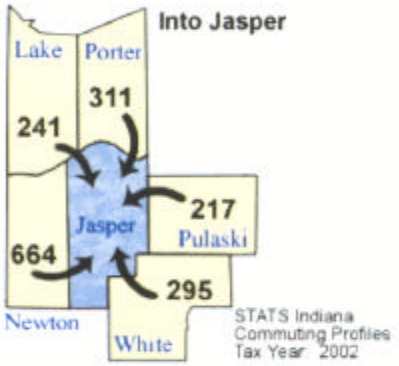
Summary of what this information tells us about the labor and workforce:

Number of persons who live in Jasper County and work (resident labor force)	18,611
Number of persons who live AND work in Jasper County	13,250
Number of persons who live in another county (or state) but work in Jasper County	2,497
Total number of persons who work in Jasper County (work force)	15,747

Top five counties sending workers INTO Jasper County:

Newton County	664
Porter County	311
White County	295
Lake County	241
Pulaski County	217
Total of above	1,728 workers

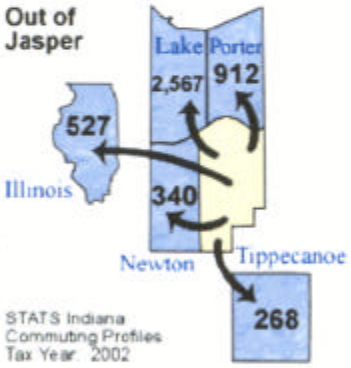
(11.0% of Jasper County work force)



Top five counties receiving workers FROM Jasper County:

Lake County	2,567
Porter County	912
Illinois	527
Newton County	340
Tippecanoe County	268
Total of above	4,614 workers

(24.8% of Jasper County labor force)



More detail for this county:
(where 10 or more either commute into or out of this county)

County name	Commute INTO Jasper County	Commute FROM Jasper County To:
Benton County	123	10
Carroll County	10	7
Illinois	133	527
Kentucky	10	5
LaPorte County	42	70
Lake County	241	2,567
Marion County	4	29
Michigan	7	11
Monroe County	1	10
Newton County	664	340
Out of State	41	183
Porter County	311	912
Pulaski County	217	101
St Joseph County	5	17
Starke County	141	22
Tippecanoe County	123	268
White County	295	187

Note: commuters to/from Illinois, Michigan, Kentucky, Ohio, Wisconsin, and Pennsylvania are shown separately and are not included in the 'Out of State' category.

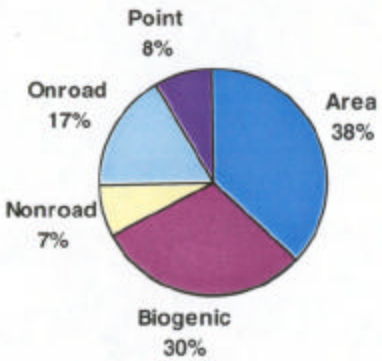
Data source: Indiana Dept. of Revenue
This table was produced by STATS Indiana on Jun 25, 2003

1996 Annual Emissions

Newton County

Tons per Year

VOC



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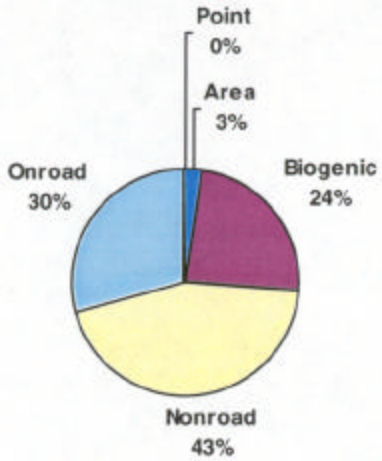

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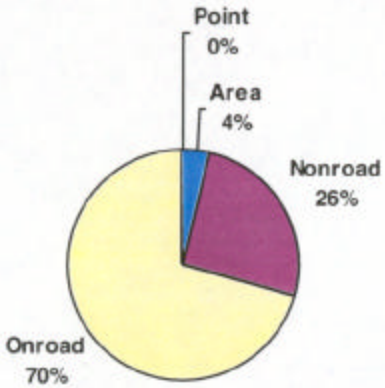


	VOC	NOx	CO
Area:	1,026	74	262
Biogenic:	828	713	
Nonroad:	206	1,301	1,727
Onroad:	480	876	4,754
Point:	228	4	0
Total:	2,768	2,968	6,744

Wednesday, July 02, 2003

Work/Residence Patterns - A STATS Indiana Annual Commuting Trends Profile
Based on Indiana IT-40 Returns for Tax Year 2002

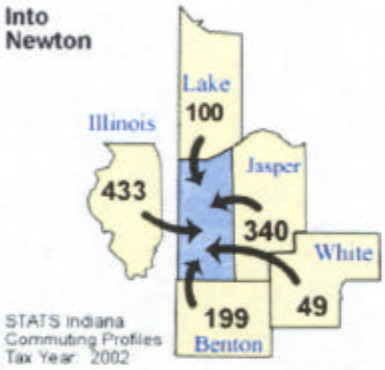
Newton County, Indiana

Summary of what this information tells us about the labor and workforce:

Number of persons who live in Newton County and work (resident labor force)	8,573
Number of persons who live AND work in Newton County	5,276
Number of persons who live in another county (or state) but work in Newton County	1,281
Total number of persons who work in Newton County (work force)	6,557

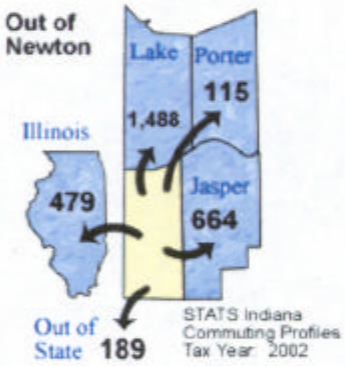
Top five counties sending workers INTO Newton County:

Illinois	433
Jasper County	340
Benton County	199
Lake County	100
White County	49
Total of above	1,121 workers
(17.1% of Newton County work force)	



Top five counties receiving workers FROM Newton County:

Lake County	1,488
Jasper County	664
Illinois	479
Out of State	189
Porter County	115
Total of above	2,935 workers
(34.2% of Newton County labor force)	



More detail for this county:
(where 10 or more either commute into or out of this county)

County name	Commute INTO Newton County	Commute FROM Newton County To:
Benton County	199	63
Illinois	433	479
Jasper County	340	664
Lake County	100	1,488
Marion County	7	31
Out of State	21	189
Porter County	21	115
Tippecanoe County	45	114
White County	49	65

Note: commuters to/from Illinois, Michigan, Kentucky, Ohio, Wisconsin, and Pennsylvania are shown separately and are not included in the 'Out of State' category.

Data source: Indiana Dept. of Revenue
This table was produced by STATS Indiana on Jun 25, 2003

2003 Ozone Season Monitor Data Through July 14, 2003

Ozone Values for 2003 (Sorted by Site within Area)

Date	Region	County	Site	8-Hour Exceedence	1-Hour >100
25-Jun	Chicago	Lake	Hammond	88	
18-Jun	Chicago	La Porte	La Porte	86	
24-Jun	Chicago	La Porte	La Porte	85	
24-Jun	Chicago	Lake	Lowell	88	
25-Jun	Chicago	Lake	Lowell	90	
3-Jul	Chicago	Lake	Lowell	101	126
24-Jun	Chicago	La Porte	Michigan City	90	
25-Jun	Chicago	La Porte	Michigan City	90	
25-Jun	Chicago	Lake	Valparaiso	90	
24-Jun	Evansville	Warrick	Boonville	87	104
24-Jun	Evansville	Vanderburgh	Evansville	89	
24-Jun	Evansville	Vanderburgh	Inglefield	85	
24-Jun	Evansville	Warrick	Lynnville	89	
24-Jun	Evansville	Posey	St. Philips	92	105
24-Jun	Evansville	Warrick	Yankeetown	101	119
23-Jun	Fort Wayne	Allen	Fort Wayne	85	
24-Jun	Fort Wayne	Allen	Fort Wayne	96	101
25-Jun	Fort Wayne	Allen	Fort Wayne	101	106
3-Jul	Fort Wayne	Allen	Fort Wayne	85	
18-Jun	Fort Wayne	Allen	Leo H. S.	92	
23-Jun	Fort Wayne	Allen	Leo H. S.	90	100
24-Jun	Fort Wayne	Allen	Leo H. S.	97	103
25-Jun	Fort Wayne	Allen	Leo H. S.	104	109
18-Jun	Fort Wayne	Huntington	Roanoke	89	
24-Jun	Fort Wayne	Huntington	Roanoke	91	
25-Jun	Fort Wayne	Huntington	Roanoke	103	116
18-Jun	Greene	Greene	Plummer	97	108
24-Jun	Greene	Greene	Plummer	92	
25-Jun	Greene	Greene	Plummer	92	105

Ozone Values for 2003 (Sorted by Site within Area)

Date	Region	County	Site	8-Hour Exceedence	1-Hour >100
18-Jun	Indianapolis	Hendricks	Avon	88	100
25-Jun	Indianapolis	Hendricks	Avon	86	
14-Apr	Indianapolis	Madison	Emporia	90	
16-Apr	Indianapolis	Madison	Emporia	91	
18-Jun	Indianapolis	Madison	Emporia	101	106
23-Jun	Indianapolis	Madison	Emporia	89	
24-Jun	Indianapolis	Madison	Emporia	89	
25-Jun	Indianapolis	Madison	Emporia	93	101
3-Jul	Indianapolis	Madison	Emporia	87	
18-Jun	Indianapolis	Shelby	Fairland	96	108
23-Jun	Indianapolis	Shelby	Fairland	89	
24-Jun	Indianapolis	Shelby	Fairland	93	
25-Jun	Indianapolis	Shelby	Fairland	89	102
18-Jun	Indianapolis	Hancock	Fortville	107	115
22-Jun	Indianapolis	Hancock	Fortville	91	106
23-Jun	Indianapolis	Hancock	Fortville	95	102
24-Jun	Indianapolis	Hancock	Fortville	93	
25-Jun	Indianapolis	Hancock	Fortville	93	102
18-Jun	Indianapolis	Marion	Ft. Harrison	104	118
23-Jun	Indianapolis	Marion	Ft. Harrison	91	104
24-Jun	Indianapolis	Marion	Ft. Harrison	95	100
25-Jun	Indianapolis	Marion	Ft. Harrison	94	102
18-Jun	Indianapolis	Marion	Harding	97	110
25-Jun	Indianapolis	Marion	Harding	89	102
18-Jun	Indianapolis	Marion	Indianapolis	101	113
18-Jun	Indianapolis	Marion	Mann Rd.	90	106
25-Jun	Indianapolis	Marion	Mann Rd.	90	101
18-Jun	Indianapolis	Morgan	Monrovia	87	
25-Jun	Indianapolis	Morgan	Monrovia	88	
24-Jun	Indianapolis	Marion	Naval	88	
25-Jun	Indianapolis	Marion	Naval	87	
18-Jun	Indianapolis	Hamilton	Noblesville	102	107
23-Jun	Indianapolis	Hamilton	Noblesville	101	115
24-Jun	Indianapolis	Hamilton	Noblesville	100	109
25-Jun	Indianapolis	Hamilton	Noblesville	108	123
18-Jun	Indianapolis	Johnson	Trafalgar	90	
25-Jun	Indianapolis	Johnson	Trafalgar	86	
18-Jun	Indianapolis	Boone	Whitestown	99	105
23-Jun	Indianapolis	Boone	Whitestown	85	
24-Jun	Indianapolis	Boone	Whitestown	91	107
25-Jun	Indianapolis	Boone	Whitestown	93	

Ozone Values for 2003 (Sorted by Site within Area)

Date	Region	County	Site	8-Hour Exceedence	1-Hour >100
23-Jun	Louisville	Oldham (KY)	Buckner	85	
23-Jun	Louisville	Clark	Charlestown	96	106
24-Jun	Louisville	Clark	Charlestown	92	108
30-Jun	Louisville	Clark	Charlestown	90	106
23-Jun	Louisville	Floyd	New Albany	97	116
24-Jun	Louisville	Floyd	New Albany	97	123
16-Apr	Muncie	Delaware	Albany	85	
18-Jun	Muncie	Delaware	Albany	88	
23-Jun	Muncie	Delaware	Albany	85	
24-Jun	Muncie	Delaware	Albany	92	
25-Jun	Muncie	Delaware	Albany	98	106
18-Jun	South Bend	Elkhart	Bristol	91	
22-Jun	South Bend	Elkhart	Bristol	88	
24-Jun	South Bend	Elkhart	Bristol	87	
25-Jun	South Bend	Elkhart	Bristol	93	
18-Jun	South Bend	Michigan	Cassopolis	91	
22-Jun	South Bend	Michigan	Cassopolis	90	
23-Jun	South Bend	Michigan	Cassopolis	89	
24-Jun	South Bend	Michigan	Cassopolis	89	
25-Jun	South Bend	Michigan	Cassopolis	101	104
18-Jun	South Bend	St. Joseph	Granger	92	
22-Jun	South Bend	St. Joseph	Granger	89	101
24-Jun	South Bend	St. Joseph	Granger	85	
25-Jun	South Bend	St. Joseph	Granger	94	102
1-Jul	South Bend	St. Joseph	Granger	86	
25-Jun	South Bend	St. Joseph	Potato Creek	94	
25-Jun	South Bend	St. Joseph	South Bend	95	
24-Jun	Terre Haute	Vigo	Sandcut	90	101
25-Jun	Terre Haute	Vigo	Sandcut	88	
18-Jun	Tippecanoe	Carroll	Flora	85	
25-Jun	Tippecanoe	Carroll	Flora	88	

	Previous 2 years 4th-high (ppb)	2003 4th-high triggering non-attainment (ppb)
Fort Wayne		
Leo HS	0.082	80
	0.093	
Fort Wayne	0.074	84
	0.097	
Roanoke	0.082	84
	0.089	
Louisville		
Charlestown	0.086	69
	0.100	
New Albany	0.076	82
	0.097	
Indianapolis		
Mann Rd.	0.078	83
	0.094	
Harding St.	0.081	75
	0.099	
Fort Ben Harrison	0.087	68
	0.100	
NAC	0.081	68
	0.106	
Avon	0.083	77
	0.095	
Whitestown	0.084	72
	0.099	
Fairland	0.093	63
	0.099	
Trafalgar	0.082	77
	0.096	
Monrovia	0.082	80
	0.093	
Noblesville	0.088	66
	0.101	
Fortville	0.089	65
	0.101	
Emporia	0.090	61
	0.104	
Albany	0.084	76
	0.095	
Chicago		
Gary IITRI	0.083	78
	0.094	
Hammond	0.090	64
	0.101	
Lowell	0.077	92
	0.086	
Ogden Dunes	0.085	69

	0.101	
Dunes National	0.082	76
	0.097	
Valparaiso	0.077	78
	0.100	
Michigan City	0.090	58
	0.107	
LaPorte	0.079	76
	0.100	
South Bend		
Granger	0.089	62
	0.104	
South Bend	0.082	73
	0.100	
Potato Creek	0.078	85
	0.092	
Bristol	0.056	100
	0.099	
Cassopolis	0.088	64
	0.103	
Evansville		
St Phillips	0.079	79
	0.097	
Evansville - Mill Rd.	0.073	87
	0.095	
Scott School	0.072	97
	0.086	
Alcoa	0.081	80
	0.094	
Boonville HS	0.078	86
	0.091	
Tecumseh HS	0.075	90
	0.090	
Terre Haute		
Terre Haute	0.082	91
	0.082	
Sandcut	0.083	73
	0.099	
West Union, IL.	0.074	95
	0.086	
Other Areas		
Brownstown	0.084	81
	0.090	
Plummer	0.085	76
	0.094	
Flora	0.079	80
	0.096	