

Linn County Regional Planning Commission

6th Floor City Hall, 50 Second Avenue Bridge, Cedar Rapids, IA 52401

Phone: 319-286-5041, Fax: 319-286-5141, www.cedar-rapids.org/rpc

Executive Director: Jane Tompkins, j.tompkins@cedar-rapids.org

Transportation Director: Dean Wheatley, d.wheatley@cedar-rapids.org

COMMITTEE COMPOSITION

Transportation Policy Board

- Linn County Board (3)
- Cedar Rapids (8)
- Ely
- Fairfax
- Hiawatha
- Marion (3)
- Robins
- Shueyville
- Iowa Department of Transportation (non voting)
- Federal Highway Administration (non voting)
- Federal Transit Administration (non voting)

Transportation Technical Committee

- Linn County
- Cedar Rapids (4)
- Hiawatha and Fairfax (shared)
- Marion (2)
- Robins City
- Cedar Rapids Municipal Airport
- Iowa Department of Transportation (2) (non voting)
- Federal Highway Administration (non voting)
- Federal Transit Administration (non voting)



Traffic Signs on US 218, Cedar Rapids



Downtown Cedar Rapids

PLANNING ACTIVITIES

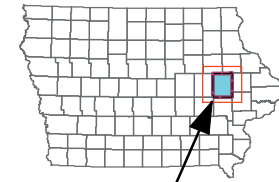
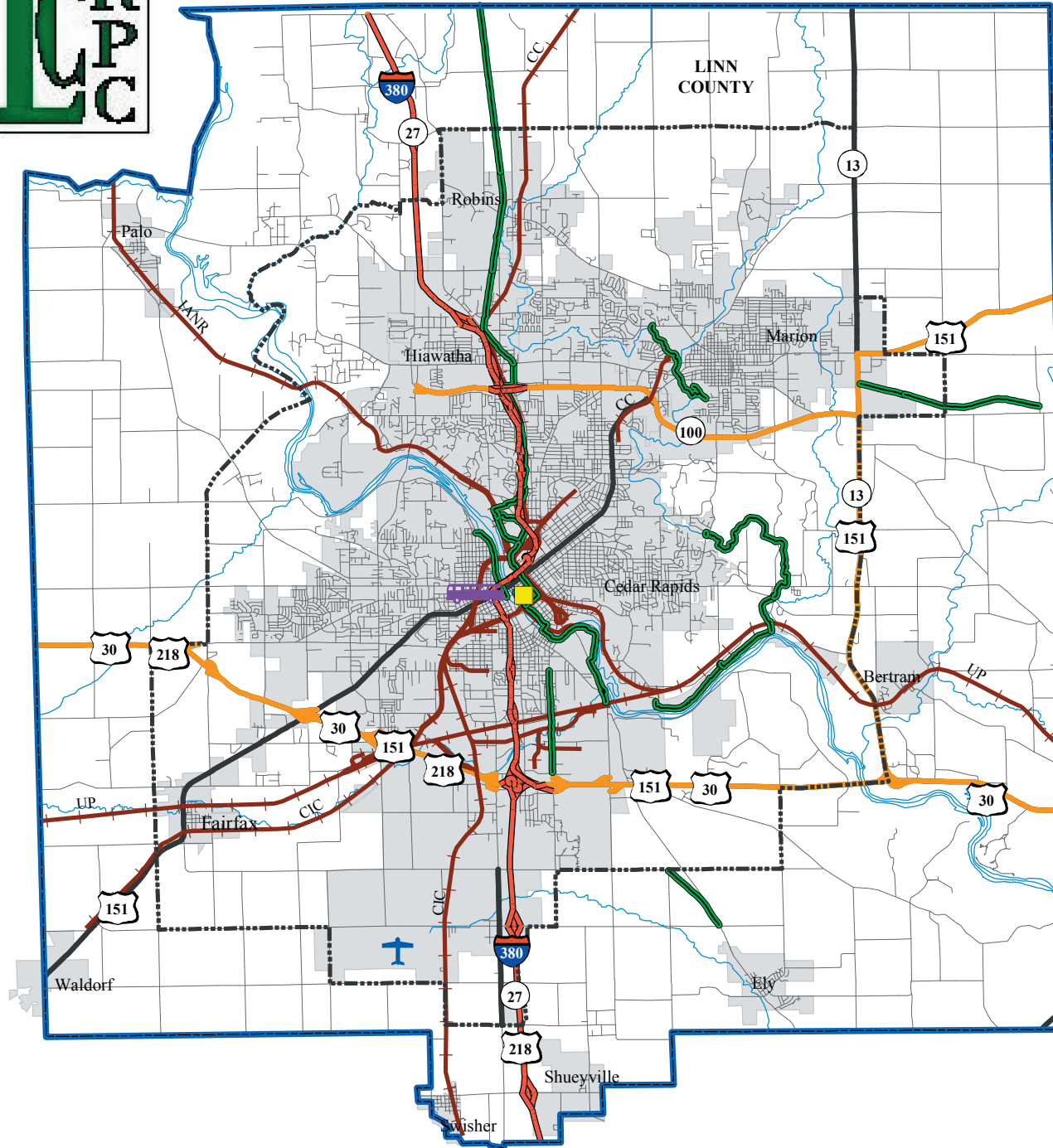
- Update Transportation Plan to 2040
- Forecasted population and employment for the metropolitan area through 2040
- Developed a new traffic forecast model for the 2040 Plan Update
- Developing standards for sanitary sewer extensions and coordination in the metro area
- Completed a metro area Park and Outdoor Recreation Plan
- Assisted the local transit provider with a performance standards and service enhancements study
- Participated in the Master Plan Update for the Eastern Iowa Airport
- Coordinated metro efforts to address flooding issues on Indian and Dry Creeks
- Provide traffic forecasts used for roadway design in the metro area
- Transportation Improvement Program (ongoing)
- Transportation Planning Work Program (ongoing)

PLANNING GOALS

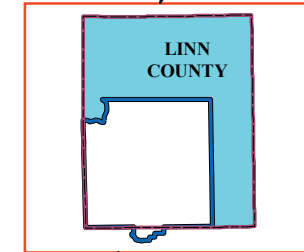
- Provide a transportation system which meets the variety of travel needs of the public and which provides an adequate choice of routes and modes.
- The transportation system should be developed to shape the urban growth of the area in a desirable manner. It should also improve the socio-economic environment of the region while preserving to the extent possible, natural and historic features, open space and scenic areas, and residential neighborhoods. The system should also strengthen the commercial and industrial life of the region.
- Through the use of Transportation System Management (TSM) improvements such as signalization improvements and provision of turn lanes and through construction of additional facilities, provide a safe, economical transportation system by removing safety hazards and traffic movement obstacles.
- Whenever possible facilities should be planned and located to provide for the use of bicycles and walking as integrated modes of transportation.



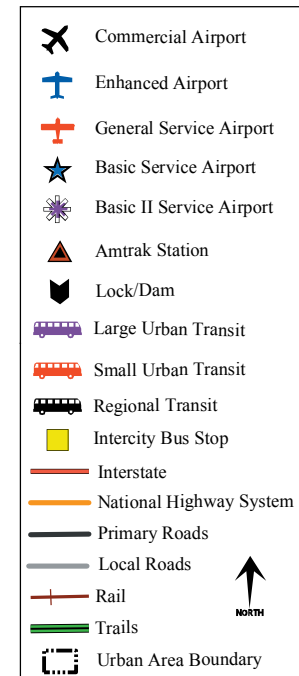
Trains at Cargill Plant, Cedar Rapids



Study Area County

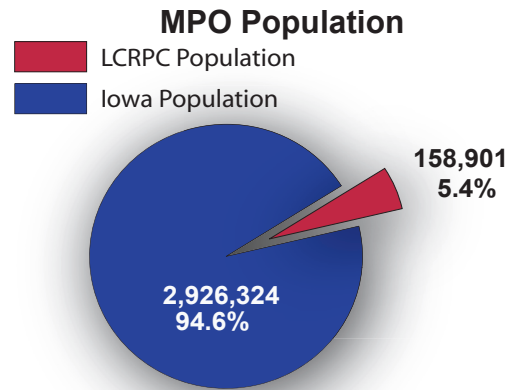


Planning Boundary



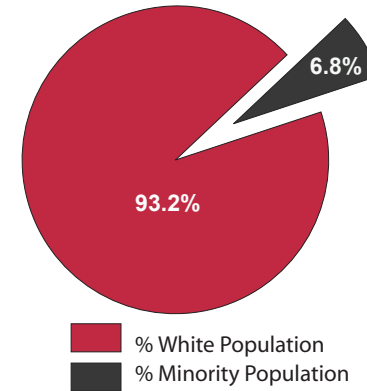
DEMOGRAPHIC AND ECONOMIC INFORMATION

POPULATION



Source: US Census Bureau, 2000, Planning Boundary

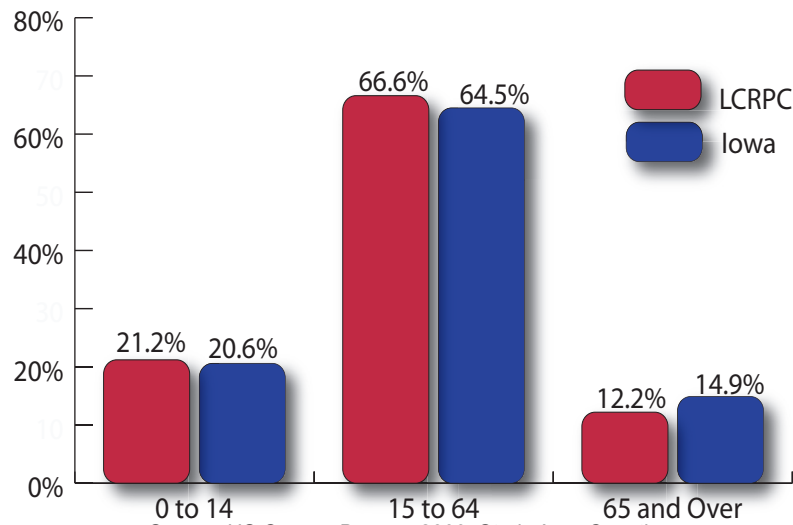
Percent Minority Population



Source: US Census Bureau, 2000, Study Area Counties

EMPLOYMENT

Population by Age



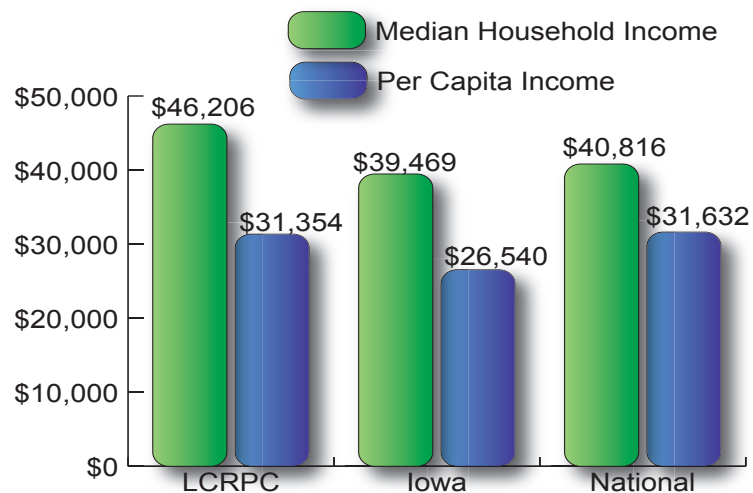
Source: US Census Bureau, 2000, Study Area Counties

Industry Breakout by Employment



Source: Iowa Workforce Development, 2003, Study Area Counties

Per Capita and Median Household Incomes



Source: US Census Bureau: Per Capita Income and Median Household Income, 2000, Study Area Counties

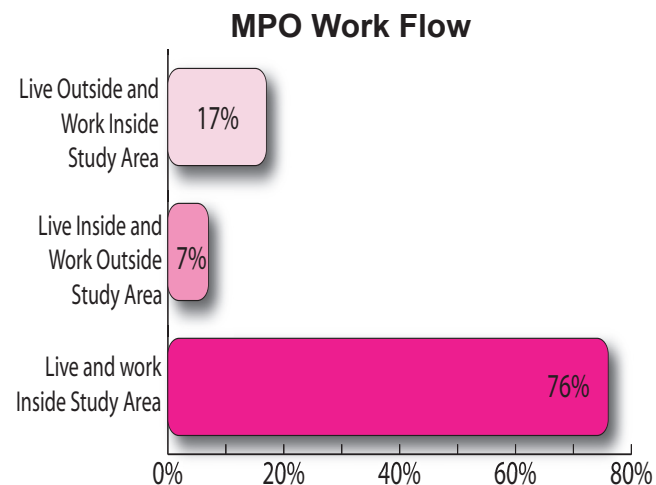
Employment and Unemployment

Labor Force	Employment	Unemployment	Unemployment Rate (%)
120,100	114,800	5,300	4.4%

Source: Iowa Workforce Development, 2002, Study Area Counties

TRAVEL TREND INFORMATION

COMMUTING PATTERNS



Source: US Census Bureau, 2000, Study Area Counties



Ground Transportation Center, Cedar Rapids



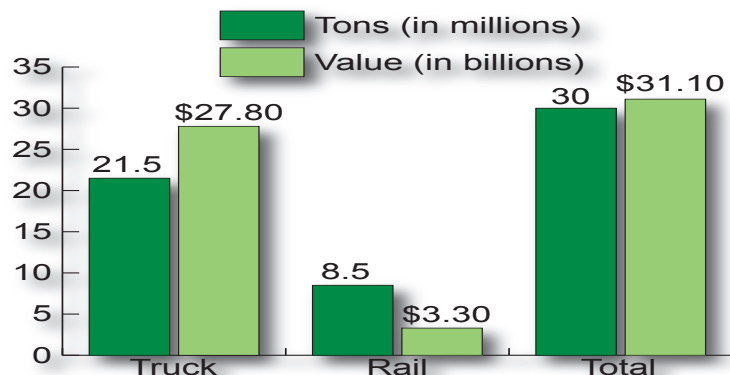
Five Seasons Transportation, Cedar Rapids



I-380 at Blairs Ferry Road, Cedar Rapids

FREIGHT MOVEMENT

Freight Originating and Terminating in MPO



Source: Reebe and Associates, 2001, Linn County

Top Commodities Originating and Terminating in MPO

Food and Kindred Products
Clay, Concrete and Glass or Stone
Secondary Traffic
Chemicals or Allied Products
Coal

Source: Reebe and Associates, 2001, Study Area Counties



Sign at Eastern Iowa Airport, Cedar Rapids

TRANSPORTATION FACILITIES



AIRPORT FACILITIES

City	Cedar Rapids
Airport	Cedar Rapids Municipal
Airport Type	Commercial Service
Primary Runway Length (ft)	8,600
Number of Based Aircraft	154
Pilots within 30 Minute Service Area	652
Enplanements	460,682

Source: Iowa DOT, Office of Aviation, 2004



PUBLIC TRANSIT PROVIDER

Agency	Ridership FFY 04	Revenue Miles FFY 04	Number of Vehicles (As of 06/30/04)
City of Cedar Rapids, Five Seasons Transportation	1,225,587	1,386,005	99

Source: Iowa DOT, Office of Public Transit, FY 2004



RAIL FACILITIES

Railroad	Classification	Mileage
Union Pacific Railroad (UP)	Class I	34
Chicago, Central & Pacific Railroad (CC)	Class II	28
Cedar Rapids & Iowa City Railway (CIC)	Class III	24
Iowa Northern Railway (IANR)	Class III	9
Total		95

Source: Railroad Annual Reports, 2003, Study Area Counties



ROADWAY FACILITIES



Mileage & Average Daily Traffic

Classification	MPO Miles	State Miles	MPO Average Daily Traffic	State Average Daily Traffic
Interstate	16	782	47,960	25,080
Primary (non-Interstate)	47	8,099	17,060	3,970
State	63	8,881	24,810	5,830
Secondary	182	89,845	1,230	170
Municipal	695	13,965	2,590	1,430
Total	940	112,691		

Source: Iowa DOT, Offices of Systems Planning and Transportation Data, Urban Area Boundary, January 1, 2004

Federal Functional Classification Mileage

Interstate	16
Other Principal Arterials	72
Minor Arterial	134
Collector	97
Local	637
<i>National Highway System (NHS)</i>	<i>53</i>

Source: Iowa DOT, Office of Systems Planning, Urban Area Boundary, January 1, 2004. NHS consists of the Interstate system and a portion of Other Principal Arterials. Includes Open and Proposed Roads.



Cedar Valley Nature Trail, Cedar Rapids



Bridge over Cedar River, Cedar Rapids



Cyclist on City Street, Cedar Rapids



TRAIL FACILITIES

Facility Name	Mileage by Surface Type			
	Asphalt/Concrete	Granular	Mixed/Other	Total
Bowling Street Trail	1.8			1.8
Cedar Lake Loop Trail			1.6	1.6
Cedar River Trail West			1.3	1.3
Cedar Valley Nature Trail		15.0		15.0
Grant Wood Trail			3.2	3.2
Marion Parks Trail			2.1	2.1
Sac & Fox Trail			7.3	7.3
Total	1.8	15.0	15.6	32.4

Source: Linn County Regional Planning Commission, 2004, Planning Boundary



Cedar Valley Nature Trail, Linn County