AGENDA
EAST-WEST GATEWAY COUNCIL OF GOVERNMENTS
BOARD OF DIRECTORS
WEDNESDAY, JANUARY 30, 2019 – 10:00 AM

1. CALL TO ORDER

2. APPROVAL OF MINUTES OF OCTOBER 31, 2018 and NOVEMBER 15, 2018

3. DISCUSSION ITEMS

A. *Where We Stand* – 8th Edition - - Mary Rocchio and Dan Hutti

B. 2017 Annual Regional Congestion Report - - Larry Grither and Zakari Mumuni

C. 2020 All Hazards Mitigation Plan Update - - Jennifer Vuitel

D. FY 2020-2023 Transportation Improvement Program Development - - Jason Lange

4. ACTION ITEMS

A. Election of Board Officers for 2019 - - Chairman Stenger

B. Modifications to the FY 2019-2022 Transportation Improvement Program (TIP), *Connected 2045*, and the Related Air Quality Conformity Determination – Requested by Illinois sponsors - - Josh Schwenk

5. OTHER BUSINESS

6. ADJOURNMENT

NEXT MEETING DATE: WEDNESDAY, FEBRUARY 27, 2019

EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

Chair
Steve Stenger
County Executive
St. Louis County
Vice Chair
Mark A. Kern
Chairman, St. Clair County Board
2nd Vice Chair
Robert Elmore
Chairman, Board of Commissioners
Monroe County
Executive Committee
Steve Ehlmann
County Executive
St. Charles County
Tim Brinker
Presiding Commissioner
Franklin County
Lyda Krewson
Mayor, City of St. Louis
Kurt Prenzler
Chairman, Madison County Board
Dennis Gannon
County Executive
Jefferson County
Members
Norman C McCourt
Municipal League of Metro St. Louis
Emeka Jackson-Hicks
Mayor, City of East St. Louis
Carol Johnson
Franklin County
Reggie Jones
St. Louis County
Mark Kupsky
Vice President,
Southwestern Illinois
Council of Mayors
Roy Mosley
St. Clair County
Lewis Reed
President, Board of Aldermen
City of St. Louis
Herbert Simmons
President, Southwestern Illinois
Metropolitan & Regional Planning
Commission
Tom Smith
President, Southwestern Illinois
Council of Mayors
Michael Walters
Madison County
John White
St. Charles County
Regional Citizens
Barbara Geisman
C. William Grogan
Richard Kellett
John A. Laker
Non-voting Members
Erin Aleman
Illinois Department of
Transportation
Erika Kennett
Illinois Department of Commerce
and Economic Opportunity
Patrick McKenna
Missouri Department of
Transportation

Bi-State Development
Executive Director
James M. Wild

Memo to: Board of Directors

From: Staff

Subject: Project Notifications

Date: January 11, 2019

Attached is the Project Notification list for October 13, 2018 – January 11, 2019. The compiled list is a result of the weekly list of projects from the Missouri State Clearinghouse for comments. The listing contains a summary table which includes grant applications, announcements, and public notices. If you have any questions regarding this attachment, please contact Carol Lawrence in the Community Planning department.

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St. Louis, MO 63102-2451

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Project Reviews for East-West Gateway Council of Governments
October 13, 2018 – January 11, 2019

JURISDICTION	APPLICANT	PROJECT DESCRIPTION	FEDERAL AGENCY	FEDERAL GRANT/LOAN	FUNDING: STATE, LOCAL/OTHER	TOTAL
St. Charles County	City of St. Charles #1905002	Education and Human Resources Mobile Law Enforcement STEM Laboratory – a mobile laboratory to teach forensics and criminal investigation workshops	National Science Foundation	$1,313,365		$1,313,365
St. Louis City St. Louis County	Young Women's Christian Association of Metropolitan St. Louis #1906008	Head Start To deliver Early Head Start and Pregnant Women services in the St. Louis City and St. Louis County area	HHS	$1,374,136	Applicant: $343,534	$1,717,670
St. Louis County	Center of Creative Arts (COCA) #1906018	The Ideal Hometown: COCA and MBQM will exchange multidisciplinary educational best management practices. Teachers and their students will study both cultures (St. Louis and Lo Boca) creating films of ideal towns.		$47,616	Applicant: $28,300 Local: $3,400	$79,316
St. Louis City	St. Martha's Hall #1907011	Justice Systems Response to Families St. Louis Court Watch Project	DOJ	$243,576		$243,576
St. Louis County	National Council on Alcoholism and Drug Abuse – St. Louis Area #1907012	Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement Program Rural Franklin County Opioid Response Planning Project	HRSA	$200,000		$200,000

MINUTES
EAST-WEST GATEWAY COUNCIL OF GOVERNMENTS
BOARD OF DIRECTORS
OCTOBER 31, 2018

The regular meeting of the Board of Directors was held in the Council offices on Wednesday, October 31, 2018 at 10:00 a.m.

Members in Attendance
Mark Kern, *Vice-Chair* Chairman, St. Clair County Board, IL Board
Robert Elmore, *2nd Vice-Chair* Chairman, Monroe County, IL Board
Tim Brinker, Presiding Commissioner, Franklin County, MO
Kurt Prenzler, Chairman, Madison County, IL Board
Ken Waller, County Executive, Jefferson County, MO
Tom Blair, MoDOT
Barbara Geisman, Regional Citizen, City of St. Louis, MO
Bill Grogan, Regional Citizen, St. Clair County, IL
Emeka Jackson-Hicks, Mayor, City of East St. Louis, IL
Reggie Jones, Mayor, City of Dellwood, St. Louis County, MO
Carol Johnson, Franklin County, MO
John A. Laker, Regional Citizen, St. Clair County, IL
Norm McCourt, President, St. Louis County Municipal League
Roy Mosley, Board Member, St. Clair County, IL
Lewis Reed, President Board of Aldermen, City of St. Louis
Herb Simmons, President, SW IL Metropolitan and Regional Planning Commission
Tom Smith, Mayor, City of Waterloo, IL; President, SW IL Council of Mayors
Michael Walters, Regional Citizen, Madison County, IL
John White, Councilman, St. Charles County, MO

Members Absent
Steve Stenger, *Chair;* County Executive, St. Louis County, MO
Steve Ehlmann, County Executive, St. Charles County, MO
Lyda Krewson, Mayor, City of St. Louis, MO
Richard Kellett, Regjonal Citizen, St. Louis County
Mark Kupsky, Mayor, City of Fairview Heights, IL
Erika Kennett, State of Illinois Department of Commerce and Opportunity
John Nations, President, Bi-State Development

Others in Attendance
Tom Curran, St. Louis County, MO
Kim Cella, CMT
Darius Chapman, City of East St. Louis
Betsy Tracy, IL, FHA
Gary Elmestad, St. Charles County, MO
Noe Gonzalez, City of St. Louis, MO
Greg Horn, MoDOT
Kevin Jemison, IDOT

EWGCOG Staff:

Jim Wild, Staci Alvarez, Royce Bauer, Tamar Brown, Dale Chambers, Joyce Collins-Catling, Ben Fleschert, Nick Gragnani, Larry Grither, Bonnie Harper, Paul Hubbman, Dan Hutti, Frank Johnson, Peter Koeppel, Jason Lange, Carol Lawrence, Mary Grace Lewandowski, Maureen McCarthy, Marcie Meystrik, Christopher Michael, Anna Musial, Rachael Pawlak, Sonya Pointer, John Posey, Mary Rocchio, Roz Rodgers, Josh Schwenk, Himmer Soberanis, Christine Thomas, Jennifer Vuitel, Michael Wohlstadter, Aaron Young

CALL TO ORDER

The Board of Directors meeting was called to order by Mr. Kern, Vice-Chair. Mr. Mosley asked for a moment of silence for the victims of the horrific shooting that occurred in Pittsburgh, and Vice-Chair Kern also asked that a moment of silence be dedicated to the Kelley family for their loss.

APPROVAL OF MINUTES OF SEPTEMBER 26, 2018

Motion approving the September 26, 2018 Minutes, with corrections, was made by Mr. Elmore, seconded by Mr. Laker. Motion carried, all voting aye.

DISCUSSION ITEMS

Complex Coordinated Terrorist Attack Project
Dale Chambers, EWGCOG, and Capt. Derek Rieger, St. Louis Fire Department, briefly highlighted activities, various exercises, as well as activities of the Fusion Center, noting very successful collaborations between numerous Illinois and Missouri agencies. Mr. Chambers pointed out that the collection of data throughout the project has been well received. He also mentioned that the Fusion Center is able to send out a speaker/educator to provide information regarding suspicious activities to first responders as a part of their outreach services. The service can be requested by any municipality within the region. Mr. Chambers also mentioned that through the CCTA grant, and as a result of the recent Las Vegas tragedy, a law enforcement presentation from that Las Vegas police department will be available on November 13th to all interested first responders and law enforcement. Lastly he pointed out that a new Memorandum of Understanding for the CCTA program needs to be developed to address “what’s next” with respect to front line activities and exercises.

ACTION ITEMS

Calendar Year 2019 East-West Gateway Budget Council
Jim Wild, EWGCOG, gave a brief overview of the annual budget noting that each October the budget is brought before the Board of Directors prior to a recommended budget being presented to the full membership at the Annual Meeting in November. He pointed out that staff is proposing a budget of $11,861,435 and briefly explained each line item. He highlighted salaries and benefits adding that this line item includes a 2.5% Cost of Living Adjustment (COLA) increase, a 1.5% merit increase, with a projected increase in health insurance of 8.5%.

Mr. Wild pointed out that every two years, the Executive Director is to review and re-evaluate the Agency's Personnel Plan. After comparing the Position Classification Schedule to other Metropolitan Planning Organizations and other local government compensation schedules, he is recommending increases in some of the lower tier classifications to keep the agency's Position Classification Schedule competitive. As a result, the proposed revisions to the Position Classification Schedule includes the 2.5% COLA and increases to selected lower tier classifications. Staff is recommending the adoption of the proposed revisions to the agency's personnel plan; the adoption of the proposed CY2019 budget; and the proposed CY2019 budget for adoption at the Annual Meeting on November 15, 2018.

Motion approving the recommendation was made by Mr. Kupsky, seconded by Mr. Grogan. Motion carried, all voting aye

Procurement Policy and Code of Conduct Policy
Jim Wild, EWGCOG, stated that as a federal-aid recipient, the agency is required to have a procurement policy and code of conduct as described in the Omni Circular (2 Code of Federal Regulations (CFR) Part 200). He noted that the current procurement policy has been in place for the last 20 years and has not been updated since 1998 and needs to be brought in line with current standards and practices. He pointed out that the biggest impact increases the dollar threshold associated with both Board authorization for contracting and conducting formal procurements, and it increases the threshold for open market purchases in line with both Illinois and Missouri thresholds for certain formal procurement actions and open market purchases. EWGCOG's updated policy uses $20,000 and $3,000, respectively, for these types of procurements. Mr. Wild also noted that federal and state requirements dictate that EWGCOG have a code of conduct that addresses ethics, conflicts of interest, gifts, gratuities, and favors. He pointed out that in 2011, EWGCOG adopted a code of ethics for its employees but the policy did not apply to EWGCOG's officers, agents, directors, committee members, or board members. The current Omni Circular requires EWGCOG have a code of conduct in place for employees, officers, agents, directors, committee members, and board members. Staff has developed this code of conduct and is hereby recommending the Board of Director's approve and adopt both the Procurement Policy and the Code of Conduct as presented.

Motion approving the recommendation was made by Mr. Waller, seconded by Mr. Laker. Motion carried, all voting aye

Regional Performance Targets
Peter Koeppel, EWGCOG, presented staff's recommendation approving the 2018 region safety performance targets for pavement and bridge condition, reliability, and on-road mobile source emissions. He discussed performance measures and targets, reliability targets, on-road emissions and processes for reporting. He noted that there will be a mid-performance period program report due October 1, 2020 through which 4-year targets may be adjusted, and 2-year condition/performance will be reported as baselines.

Motion approving the recommendation was made by Mr. Mosley, seconded by Mr. Grogan. Motion carried, all voting aye.

Approval of the Metropolitan Transportation Planning Process Certification, the Final Air Quality Conformity Determination and Documentation for the FY 2019-2022 Transportation Improvement Program (TIP) and related amendments to the Metropolitan Transportation Plan, *Connected2045*, and the Final FY 2019-2022 Transportation Improvement Program (TIP)
Jason Lange, EWGCOG, summarized the Metropolitan Transportation Planning Process Certification; the Final Air Quality Conformity Determination; and the FY 2019-2022 Transportation improvement Program. He also presented a separate Compilation of Open Houses and Public Comments document that contains all of the comments received during the public comment period and details attendance at each of the five open house meetings and the online chat. Staff recommended approval of the Metropolitan Transportation Planning Process Certification, Air Quality Conformity Determination and Documentation for the FY2019-2022 Transportation Improvement Program and related amendments to the Metropolitan Transportation Plan, *Connected2045*, and the FY 2019-2022 Transportation Improvement Program.

Motion approving the recommendation was made by Mr. White, seconded by Mr. Mosley. Motion carried, all voting aye

Regional Security Expenditures
Nick Gragnani, EWGCOG, presented and briefly discussed the request for the Board to approve the expenditure of funds to enter a contract with the University of Missouri-Columbia, Geography Department providing ArcGIS Software training; and, for the purchase of microwave upgrade kits consisting of computer chassis, network cards, and fan modules and installation services from Nokia Technologies for a total amount not to exceed **$609,244** from the UASI grant program.

Motion approving the recommendation was made by Mr. Simmons seconded by Mr. Kupsky. Motion carried, all voting aye

OTHER BUSINESS

Vice-Chair Kern noted that Ken Waller is retiring as County Executive. Mr. Waller said that he would be retiring as County Executive at the end of the year. He thanked all the mentors, members, leaders, and all those he's served with. He commended the board for bringing to his awareness a clearer understanding and appreciation for thinking "regionally" as opposed to county, or state only.

Ms. Johnson brought to the board's attention that Mr. Ed Hillhouse had a successful liver transplant and is doing well.

ADJOURNMENT

Motion to adjourn the meeting was made by Mr. Waller, seconded by Mr. Simmons. Motion carried, all voting aye.

Respectfully submitted,

James M. Wild
Secretary, Board of Directors

MINUTES

ANNUAL MEETING
EAST-WEST GATEWAY COUNCIL OF GOVERNMENTS
NOVEMBER 15, 2018

East-West Gateway Council of Government's 53rd Annual Meeting and Awards Presentation was held at the Hilton St. Louis Ballpark on Wednesday, November 15, 2018.

Chairman Steve Stenger called the meeting to order and introduced the members in attendance.

Mr. Stenger reported that the 2019 budget with expenditures totaling $11,861,435 has been recommended for approval by the Board of Directors. Motion was made by Mr. Waller, seconded by Mr. Reed, to adopt the budget. Motion carried, all voting aye.

Jim Wild, EWGCOG, presented Outstanding Leadership in Government Achievement Awards to winners in the following categories:

Gateway Lifetime Public Service
Awards were presented to Terry W. Beach and Mary E. Case, M.D.

Exemplary Accomplishment by a Local Government Jurisdiction, Agency or Individual
The award was presented to David Newburger.

Exemplary Collaboration, Partnership or Regional Initiative
Awards were presented to the 39th North AgTech Innovation District; City of East St. Louis – CENCOM West Dispatch Facility; and Bike Share Working Group.

Leadership in Planning and Design Innovation
Awards were presented to the Rise Community Development – Gravois-Jefferson Neighborhoods Plan; and CityArchRiver.

Respectfully submitted,

James M. Wild
Secretary, Board of Directors

EAST-WEST GATEWAY
Council of Governments
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and Economic Opportunity
Patrick McKenna
Missouri Department of
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Bi-State Development
Executive Director
James M. Wild

Memo to: Board of Directors

From: Staff

Subject: *Where We Stand* 8th Edition

Date: January 15, 2019

The eighth edition of *Where We Stand* was released at the annual meeting in November, 2018.

Since 1992, East-West Gateway has produced eight editions of the *Where We Stand* report. Each edition shows how the St. Louis region compares to peer regions on key performance metrics. This edition continues to provide objective, reliable and verifiable data that can be used to assess the health and competitiveness of the St. Louis region.

The document shows how St. Louis ranks among the nation's 50 most populous metropolitan regions on 130 variables. It focuses on three strategic priorities discussed at the board retreat in May, 2018: economic development, education and workforce, and crime and public safety.

Staff will present an overview of key findings from *Where We Stand*.

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Where We Stand: 8th Edition

How does St. Louis compare to our peer metro regions?

8th Edition Chapters:

Demographics
Economy
Workforce and Education
Crime and Public Safety

More Available Online:

Land Use
Housing
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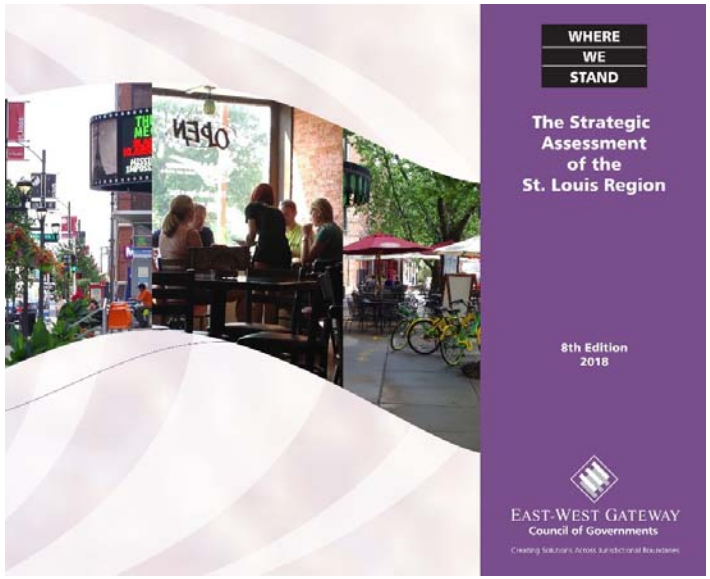


www.ewgateway.org/wws

WWS tables that appear in the eighth edition of WWS as well as tables included in previous editions are grouped here by topic areas. EWG will update these tables on a periodic basis. If you are interested in up
wws@ewgateway.org.

Demographics

Shifts in demographics pose challenges to the St. Louis reg
growth, an aging population, the growing immigrant popu
households. See page 1 of Where We Stand – 8th Edition fo
the tab again to collapse it.

Population | Race and Ethnicity | Age | Pers

Land Use

Land use is important to community planning and econom
highlights St. Louis' relatively low population density, disp
We Stand tables for a section, click on the tab again to coll

Population Distribution | Development Patterns

Housing

When it comes to housing, St. Louis is one of the most affo
white families to own a home, more likely to be housing co
also one of the most racially segregated among the peers.
amenities, quality of schools, and exposure to crime. *Click*
it.

Housing Market | Housing Affordability | Segreg

Transportation

Demographics

Shifts in demographics pose challenges to the St. Louis region as well as opportunities. This section provides data on the region's slow population growth, an aging population, the growing immigrant population, the proportion of the population with disabilities, and the composition of households. See page 1 of Where We Stand – 8th Edition for further discussion. *Click on a tab to view the Where We Stand tables for a section, click on the tab again to collapse it.*

Population | Race and Ethnicity | Age | Persons with Disabilities | Households

St. Louis has had slow but steady population growth in recent years. Natural change (more births than deaths) accounts for most of the region's population increases. International migration also contributes a small amount. These factors have produced population growth despite the fact that more people move out of St. Louis to other parts of the country than move in.

Data

Population

2017

1	New York	20,320,876
2	Los Angeles	13,353,907
3	Chicago	9,533,040
4	Dallas	7,399,662
5	Houston	6,892,427
6	Washington, D.C.	6,216,589
7	Miami	6,158,824
8	Philadelphia	6,096,120
9	Atlanta	5,884,736
10	Boston	4,836,531
11	Phoenix	4,737,270
12	San Francisco	4,727,357
13	Riverside	4,580,670
14	Detroit	4,313,002
15	Seattle	3,867,046
16	Minneapolis	3,600,618
Peer Average		3,596,524
17	San Diego	3,337,685
18	Tampa	3,091,399
19	Denver	2,888,227
20	Baltimore	2,808,175
21	St. Louis	2,807,338
22	Charlotte	2,525,305
23	Orlando	2,509,831
24	San Antonio	2,473,974
25	Portland	2,453,168
26	Pittsburgh	2,333,367
27	Sacramento	2,324,884
28	Las Vegas	2,204,079
29	Cincinnati	2,179,082
30	Kansas City	2,128,912
31	Austin	2,115,827
32	Columbus	2,078,725
33	Cleveland	2,058,844
34	Indianapolis	2,028,614
35	San Jose	1,998,463

Population Change

Percent change, 2010-2017

1	Austin	23.3
2	Raleigh	18.1
3	Orlando	17.6
4	Houston	16.4
5	San Antonio	15.5
6	Dallas	15.1
7	Charlotte	13.9
8	Nashville	13.9
9	Denver	13.5
10	Phoenix	13.0
11	Las Vegas	13.0
12	Seattle	12.4
13	Jacksonville	11.8
14	Atlanta	11.3
15	Tampa	11.1
16	Miami	10.6
17	Salt Lake City	10.6
18	Oklahoma City	10.4
19	Washington, D.C.	10.3
20	Portland	10.2
21	Columbus	9.3
22	San Francisco	9.0
23	San Jose	8.8
24	Riverside	8.4
25	Sacramento	8.2
26	San Diego	7.8
27	Minneapolis	7.5
28	Indianapolis	7.4
29	New Orleans	7.2
30	Richmond	7.1
31	Boston	6.2
32	Kansas City	6.0
United States		5.5
33	Louisville	4.7
34	Los Angeles	4.1
35	New York	3.9

Population Change

Percent change, 2016-2017

1	Austin	2.7
2	Raleigh	2.3
3	Orlando	2.3
4	Las Vegas	2.2
5	Dallas	2.0
6	Charlotte	2.0
7	San Antonio	2.0
8	Jacksonville	1.9
9	Phoenix	1.9
10	Nashville	1.8
11	Tampa	1.8
12	Seattle	1.7
13	Columbus	1.6
14	Atlanta	1.5
15	Salt Lake City	1.4
16	Houston	1.4
17	Sacramento	1.3
18	Denver	1.3
19	Riverside	1.3
20	Portland	1.2
21	Minneapolis	1.2
22	Indianapolis	1.1
23	Washington, D.C.	1.1
24	Kansas City	1.1
25	Richmond	0.9
26	Miami	0.8
27	Oklahoma City	0.8
United States		0.7
28	Louisville	0.7
29	Boston	0.6
30	San Diego	0.6
31	Cincinnati	0.6
32	San Francisco	0.6
33	San Jose	0.4
34	New Orleans	0.4
35	Providence	0.3

Natural Change

Births minus deaths as a percent of 2010 population, 2010-2017

1	Salt Lake City	8.2
2	Houston	7.4
3	Austin	7.1
4	Dallas	6.5
5	Washington, D.C.	6.1
6	Raleigh	5.6
7	San Jose	5.6
8	Riverside	5.6
9	San Antonio	5.6
10	San Diego	5.4
11	Atlanta	5.3
12	Denver	5.2
13	Minneapolis	5.1
14	Phoenix	4.9
15	Los Angeles	4.9
16	Seattle	4.7
17	Columbus	4.7
18	Oklahoma City	4.4
19	Las Vegas	4.4
20	Nashville	4.3
21	Indianapolis	4.2
22	Charlotte	4.1
23	Memphis	4.0
24	Kansas City	4.0
25	New York	4.0
26	Virginia Beach	3.9
27	Orlando	3.9
28	Chicago	3.9
29	San Francisco	3.7
30	Portland	3.7
31	Sacramento	3.6
32	Jacksonville	3.2
United States		3.2
33	Milwaukee	3.1
34	New Orleans	3.1

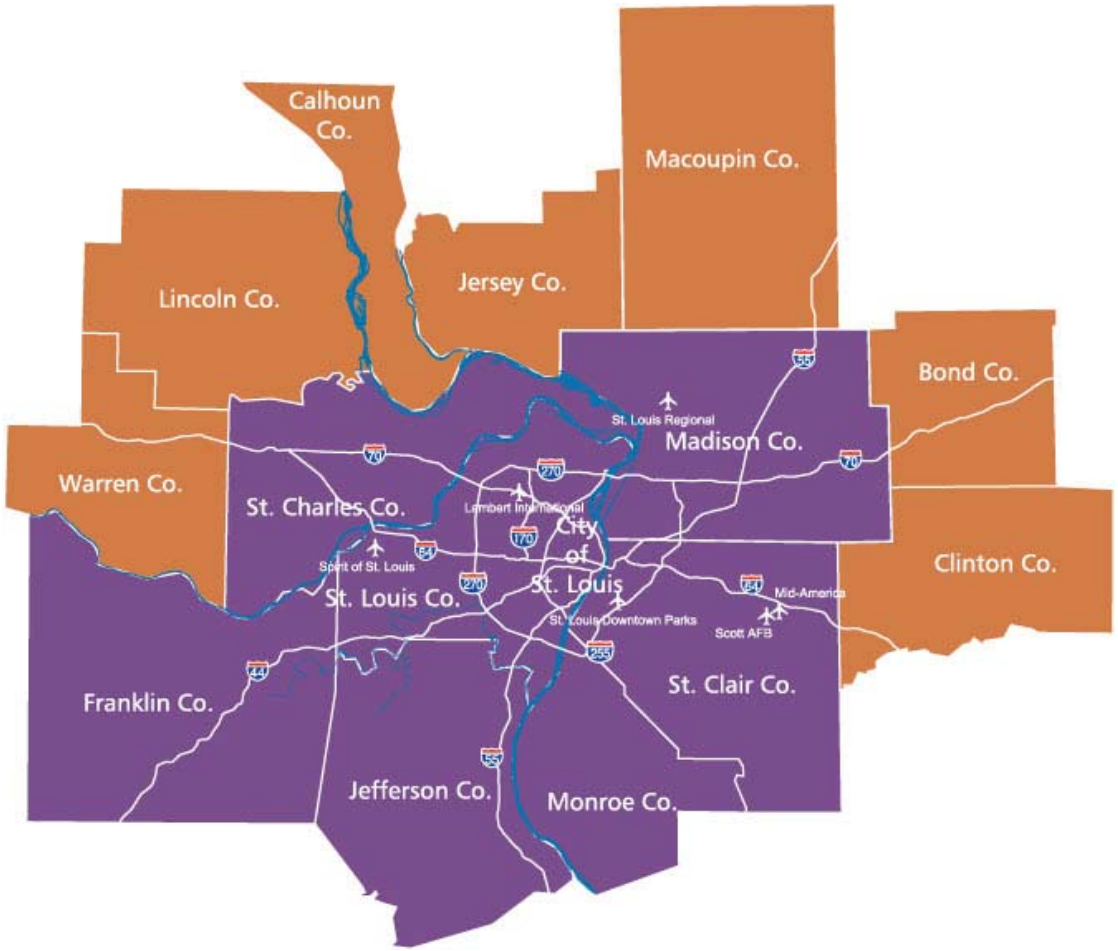
Net Migration

Percent of 2010 population, 2010-2017

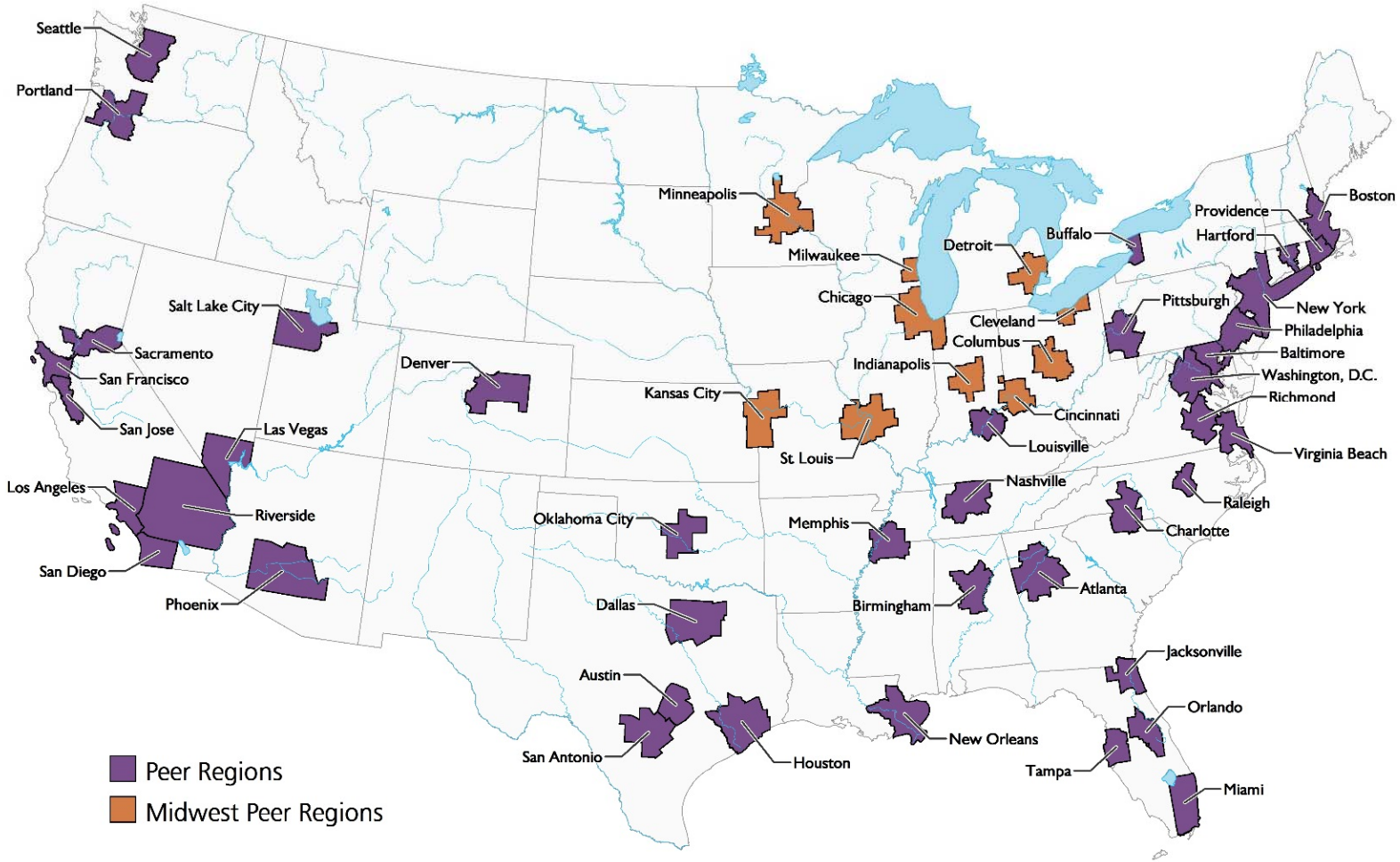
1	Austin	15.9
2	Orlando	13.7
3	Raleigh	12.3
4	Tampa	10.5
5	San Antonio	9.8
6	Charlotte	9.8
7	Nashville	9.5
8	Houston	9.0
9	Dallas	8.6
10	Jacksonville	8.6
11	Las Vegas	8.5
12	Denver	8.2
13	Miami	8.1
14	Phoenix	8.0
15	Seattle	7.7
16	Portland	6.5
17	Atlanta	6.0
18	Oklahoma City	6.0
19	San Francisco	5.3
20	Columbus	4.7
21	Sacramento	4.6
22	Richmond	4.3
23	Washington, D.C.	4.2
24	New Orleans	4.0
25	Boston	3.8
26	San Jose	3.3
27	Indianapolis	3.2
28	Riverside	2.9
29	Minneapolis	2.5
30	Salt Lake City	2.5
31	Louisville	2.5
32	San Diego	2.5
United States		2.3
33	Kansas City	2.0
34	Baltimore	1.0

St. Louis 15-County Metropolitan Statistical Area (MSA)

East-West Gateway 8-County Region



St. Louis and Our Peer Regions



Population

2017

1	**New York**	**20,320,876**
2	Los Angeles	13,353,907
3	Chicago	9,533,040
4	Dallas	7,399,662
5	Houston	6,892,427
6	Washington, D.C.	6,216,589
7	Miami	6,158,824
8	Philadelphia	6,096,120
9	Atlanta	5,884,736
10	Boston	4,836,531
11	Phoenix	4,737,270
12	San Francisco	4,727,357
13	Riverside	4,580,670
14	Detroit	4,313,002
15	Seattle	3,867,046
16	Minneapolis	3,600,618
Peer Average		**3,596,524**
17	San Diego	3,337,685
18	Tampa	3,091,399
19	Denver	2,888,227
20	Baltimore	2,808,175
21	**St. Louis**	**2,807,338**
22	Charlotte	2,525,305
23	Orlando	2,509,831
24	San Antonio	2,473,974
25	Portland	2,453,168
26	Pittsburgh	2,333,367
27	Sacramento	2,324,884
28	Las Vegas	2,204,079
29	Cincinnati	2,179,082
30	Kansas City	2,128,912
31	Austin	2,115,827
32	Columbus	2,078,725
33	Cleveland	2,058,844
34	Indianapolis	2,028,614
35	San Jose	1,998,463
36	Nashville	1,903,045
37	Virginia Beach	1,725,246
38	Providence	1,621,122
39	Milwaukee	1,576,236
40	Jacksonville	1,504,980
41	Oklahoma City	1,383,737
42	Memphis	1,348,260
43	Raleigh	1,335,079
44	Richmond	1,294,204
45	Louisville	1,293,953
46	New Orleans	1,275,762
47	Hartford	1,210,259
48	Salt Lake City	1,203,105
49	Birmingham	1,149,807
50	**Buffalo**	**1,136,856**

Source: U.S. Census Bureau, Population Estimates

Crime and Public Safety

Key Findings

- Murder rates increased
- Majority of murders are committed with firearms
- Majority of murder victims are black males
- Deaths from drug-overdoses increased
- Crime rates have risen but are not at historically high rates

Change in Homicides

Change in Homicides

Point difference in homicide rate, 1999-2016

1	**Memphis**	**6.7**
2	Cleveland	5.6
3	Louisville	4.8
4	New Orleans	4.2
5	St. Louis	3.7
6	Buffalo	3.1
7	Columbus	2.2
8	Oklahoma City	2.0
9	Pittsburgh	1.8
10	Milwaukee	1.7
10	Cincinnati	1.7
12	Indianapolis	1.4
13	Orlando	1.1
14	Birmingham	0.9
15	Philadelphia	0.7
16	Chicago	0.6
16	Tampa	0.6
18	Baltimore	0.5
18	San Antonio	0.5
18	San Jose	0.5
21	Austin	0.2
22	Virginia Beach	0.1
23	Boston	0.0
23	Jacksonville	0.0
23	Salt Lake City	0.0
26	Atlanta	-0.1
26	Kansas City	-0.1
United States		-0.1
28	San Francisco	-0.2
29	Houston	-0.3
29	Minneapolis	-0.3
29	Sacramento	-0.3
32	San Diego	-0.4
33	Denver	-0.6
33	Portland	-0.6
35	Miami	-0.7
36	Las Vegas	-0.8
36	Providence	-0.8
38	Seattle	-0.9
39	Hartford	-1.0
40	Nashville	-1.1
41	Dallas	-1.4
41	Riverside	-1.4
43	Raleigh	-1.8
44	New York	-1.9
45	Richmond	-2.0
46	Los Angeles	-2.7
47	Washington, D.C.	-2.8
47	Detroit	-2.8
49	Charlotte	-3.1
50	**Phoenix**	**-4.3**

Source: Centers for Disease Control and Prevention

Change in Homicides

Point difference in homicide rate, 2014-2016

1	**Memphis**	**6.0**
2	Louisville	5.0
3	Baltimore	4.8
4	Birmingham	4.6
5	Milwaukee	4.2
6	Chicago	3.9
7	Cleveland	3.2
8	Kansas City	3.1
9	Richmond	2.7
10	St. Louis	2.6
11	Virginia Beach	2.5
12	Charlotte	2.2
13	San Antonio	2.1
14	Denver	1.9
14	Indianapolis	1.9
16	Orlando	1.8
17	Oklahoma City	1.7
17	Nashville	1.7
19	Washington, D.C.	1.6
20	Las Vegas	1.5
20	New Orleans	1.5
20	Philadelphia	1.5
23	Salt Lake City	1.4
23	Dallas	1.4
25	Houston	1.3
26	Austin	1.1
26	Phoenix	1.1
United States		1.0
28	Atlanta	0.9
28	San Francisco	0.9
30	Los Angeles	0.8
30	Pittsburgh	0.8
30	Columbus	0.8
33	Minneapolis	0.6
33	San Diego	0.6
35	San Jose	0.5
36	Tampa	0.4
36	Raleigh	0.4
36	Riverside	0.4
39	Detroit	0.3
40	Portland	0.2
41	Cincinnati	0.1
41	New York	0.1
43	Seattle	0.0
44	Miami	-0.1
44	Providence	-0.1
44	Boston	-0.1
47	Jacksonville	-0.4
48	Sacramento	-0.5
49	Buffalo	-0.7
50	**Hartford**	**-1.5**

Source: Centers for Disease Control and Prevention

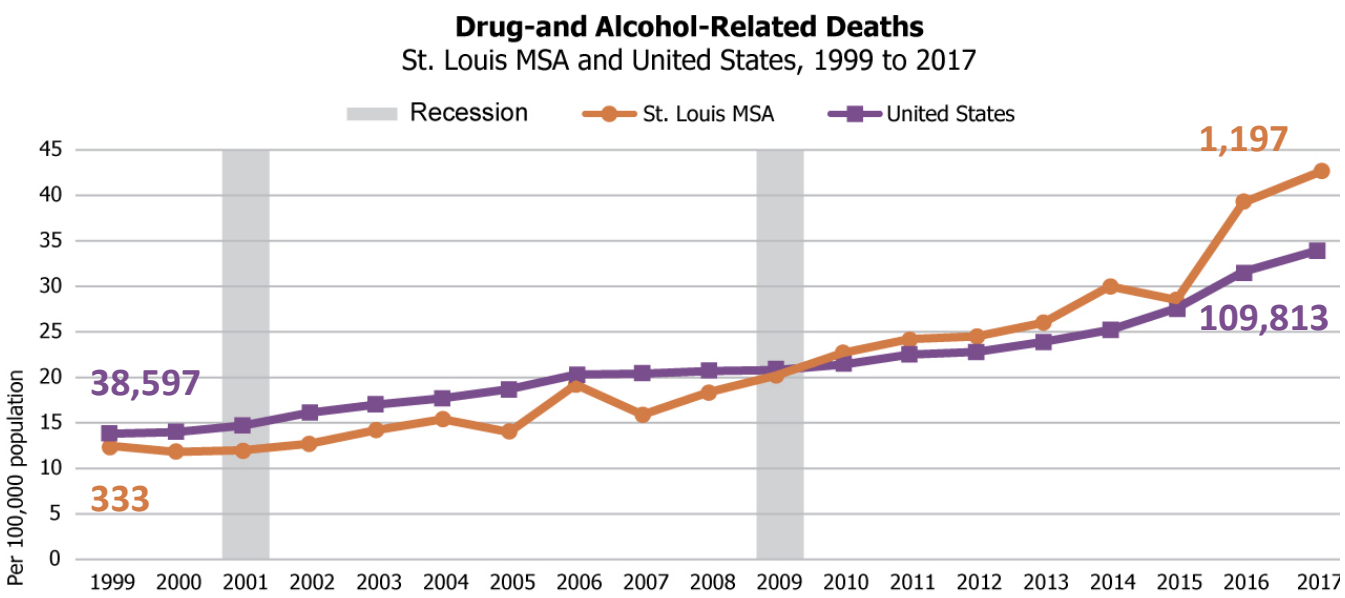
Non-Hispanic Black Homicides

Per 100,000 non-Hispanic black people, 2016

1	St. Louis	50.4
2	Chicago	48.3
2	Kansas City	48.3
4	Milwaukee	47.9
5	New Orleans	47.8
6	Pittsburgh	45.7
7	Louisville	42.6
8	Baltimore	40.4
9	Indianapolis	40.2
10	Birmingham	37.1
11	Memphis	36.6
12	San Francisco	36.2
13	Cleveland	36.0
14	Detroit	34.5
15	Buffalo	32.5
16	Philadelphia	29.9
17	Oklahoma City	27.7
18	San Antonio	27.4
19	Jacksonville	27.1
20	Richmond	25.4
21	Los Angeles	24.9
22	Columbus	24.6
23	Las Vegas	24.5
24	Phoenix	23.8
United States		23.4
25	Virginia Beach	22.4
26	Orlando	22.0
27	Houston	21.3
28	Nashville	21.0
29	Cincinnati	20.8
30	Miami	20.6
31	Charlotte	19.5
31	Riverside	19.5
33	Denver	19.0
34	Sacramento	18.9
35	Atlanta	18.2
36	San Diego	17.4
37	Washington, D.C.	16.0
38	Tampa	15.2
39	Dallas	15.1
40	Portland	14.0
41	New York	12.9
42	Minneapolis	12.7
43	Seattle	12.5
44	Hartford	11.0
45	Boston	10.5
46	Austin	9.8
47	**Raleigh**	**9.4**

Source: Centers for Disease Control and Prevention

Drug-and Alcohol-Deaths



Source: Centers for Desease Control and Prevention.

Drug- and Alcohol-Related Deaths

Deaths per 100,000 population, 2017

1	Cincinnati	69.3
2	Pittsburgh	68.1
3	Baltimore	60.6
4	Cleveland	58.2
5	Philadelphia	55.0
6	Louisville	54.6
7	Jacksonville	51.4
8	Providence	49.5
9	Detroit	47.9
10	Hartford	47.4
11	New Orleans	44.3
12	Milwaukee	43.6
13	St. Louis	42.6
14	Birmingham	41.7
15	Boston	41.5
16	Buffalo	41.3
17	Indianapolis	40.9
18	Columbus	40.7
19	Tampa	38.2
20	Nashville	37.4
21	Phoenix	37.2
22	Salt Lake City	36.5
23	Las Vegas	35.2
24	Oklahoma City	35.1
25	Denver	34.7
26	Richmond	34.3
United States		33.7
27	Miami	32.8
28	Charlotte	31.6
28	Portland	31.6
28	Sacramento	31.6
31	Seattle	31.1
32	Chicago	31.0
33	Riverside	30.5
34	Memphis	29.3
35	Virginia Beach	29.2
36	New York	28.9
37	Orlando	28.5
38	San Diego	28.0
39	Minneapolis	26.7
40	Washington, D.C.	25.1
41	Kansas City	23.5
42	Atlanta	22.6
43	Los Angeles	22.1
44	San Francisco	22.0
45	Raleigh	20.5
45	San Antonio	20.5
47	Houston	18.7
48	Dallas	18.1
49	Austin	17.9
50	San Jose	17.3

Source: Centers for Disease Control and Prevention

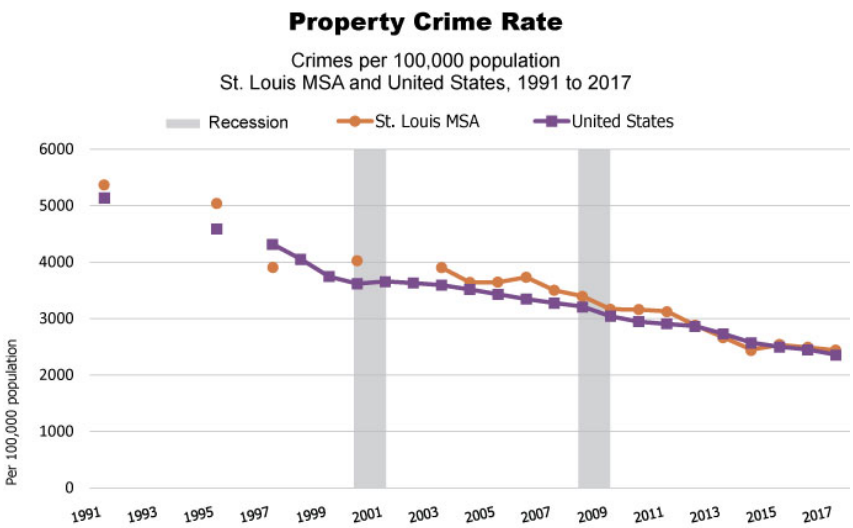
Opioid-Drug Related Deaths

Deaths per 100,000 population, 2017

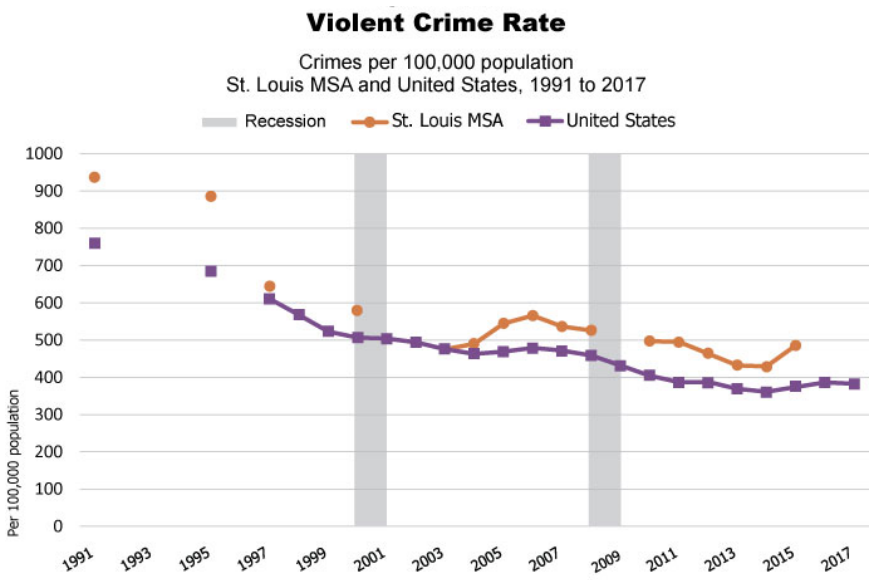
1	Cincinnati	49.0
2	Baltimore	47.6
3	Pittsburgh	41.7
4	Cleveland	38.2
5	Providence	31.9
6	Jacksonville	31.4
7	Hartford	30.2
8	Louisville	29.1
9	St. Louis	27.5
10	Boston	27.4
11	Columbus	26.3
12	Detroit	26.0
13	Buffalo	25.2
14	Milwaukee	25.1
15	Richmond	22.5
16	Nashville	20.0
17	Charlotte	19.3
18	New Orleans	19.2
19	Birmingham	19.0
20	Indianapolis	18.7
21	Chicago	18.1
22	New York	17.4
23	Salt Lake City	16.5
24	Memphis	15.9
25	Washington, D.C.	15.7
26	Orlando	15.3
26	Philadelphia	15.3
28	Virginia Beach	15.1
29	Miami	14.9
United States		14.6
30	Phoenix	13.6
31	Las Vegas	12.7
32	Raleigh	12.1
33	Tampa	11.8
34	Seattle	11.5
35	Atlanta	10.4
36	Denver	9.6
37	Portland	9.2
38	Minneapolis	8.7
39	San Diego	8.5
40	Oklahoma City	8.2
41	Austin	6.0
41	Houston	6.0
43	Kansas City	5.9
44	Dallas	5.7
45	Los Angeles	5.3
46	San Francisco	5.1
47	San Antonio	4.6
48	Riverside	4.3
49	Sacramento	3.9
50	San Jose	3.8

Source: Centers for Disease Control and Prevention

Crime Rate Trends



Source: Where We Stand 6th Edition; FBI Uniform Crime Reports (Tables 1, 6).



Source: *Where We Stand 6th Edition*; FBI Uniform Crime Reports (Tables 1, 6).

Employment and Income

Key Findings

- Strengths
  - Low unemployment
  - Freight, logistics and manufacturing
  - Low cost of living
- Challenges
  - Slow income and employment growth
  - Inclusion

Economic Strengths

- Low unemployment
- Low cost of living
- Freight, logistics and manufacturing

Unemployment Rate

Unemployed individuals who are looking for work as a percent of the labor force, 2017

1	**Cleveland**	**5.7**
2	Buffalo	5.4
3	Las Vegas	5.2
4	Riverside	5.1
5	Pittsburgh	5.0
6	Houston	5.0
7	Chicago	4.9
8	New Orleans	4.8
9	Philadelphia	4.7
10	Hartford	4.7
11	Atlanta	4.5
12	Sacramento	4.5
13	New York	4.5
14	Providence	4.5
15	Detroit	4.4
16	Los Angeles	4.4
United States		**4.4**
17	Miami	4.3
18	Charlotte	4.3
19	Cincinnati	4.3
20	Memphis	4.3
21	Baltimore	4.3
22	Phoenix	4.2
23	Virginia Beach	4.2
24	Seattle	4.1
25	Louisville	4.1
26	Columbus	4.1
27	Birmingham	4.0
28	San Diego	4.0
29	Raleigh	4.0
30	Jacksonville	3.9
31	Tampa	3.9
32	Portland	3.9
33	Richmond	3.9
34	Oklahoma City	3.9
35	Kansas City	3.8
36	Orlando	3.8
37	**St. Louis**	**3.7**
38	Washington, D.C.	3.7
39	Dallas	3.6
40	Milwaukee	3.5
41	San Antonio	3.5
42	Boston	3.4
43	San Francisco	3.3
44	Indianapolis	3.3
45	San Jose	3.3
46	Minneapolis	3.2
47	Salt Lake City	3.1
48	Austin	3.1
49	Nashville	2.9
50	**Denver**	**2.7**

Source: Bureau of Labor Statistics, Local Area Unemployment Statistics

Purchasing Power

Personal income per capita adjusted for regional price levels in chained dollars, 2016

1	**San Jose**	**62,590**
2	San Francisco	61,639
3	Boston	57,317
4	Hartford	53,048
5	Seattle	53,003
6	Washington, D.C.	50,861
7	Nashville	50,425
8	Minneapolis	50,311
9	Philadelphia	50,209
10	**St. Louis**	**49,480**
11	Cleveland	49,292
12	Cincinnati	49,278
13	Pittsburgh	49,264
14	New York	48,992
15	Milwaukee	48,831
16	Richmond	48,800
17	Denver	48,728
18	Chicago	48,625
19	Indianapolis	48,602
20	Baltimore	48,393
21	Raleigh	47,759
22	Kansas City	47,011
23	Austin	46,820
24	Birmingham	46,790
25	Columbus	46,550
26	Houston	46,378
27	Dallas	46,270
28	Detroit	46,061
29	Sacramento	45,693
30	Providence	45,448
31	Louisville	45,423
32	Charlotte	45,297
33	Portland	45,034
34	New Orleans	44,979
35	Buffalo	44,730
36	Atlanta	44,598
United States		**44,450**
37	Oklahoma City	44,218
38	Los Angeles	44,087
39	Miami	44,037
40	Virginia Beach	43,574
41	Memphis	43,378
42	Jacksonville	43,091
43	San Diego	43,063
44	San Antonio	42,595
45	Salt Lake City	42,030
46	Tampa	39,843
47	Phoenix	39,455
48	Las Vegas	39,247
49	Orlando	37,210
50	**Riverside**	**31,088**

Source: Bureau of Economic Analysis (RPI1)

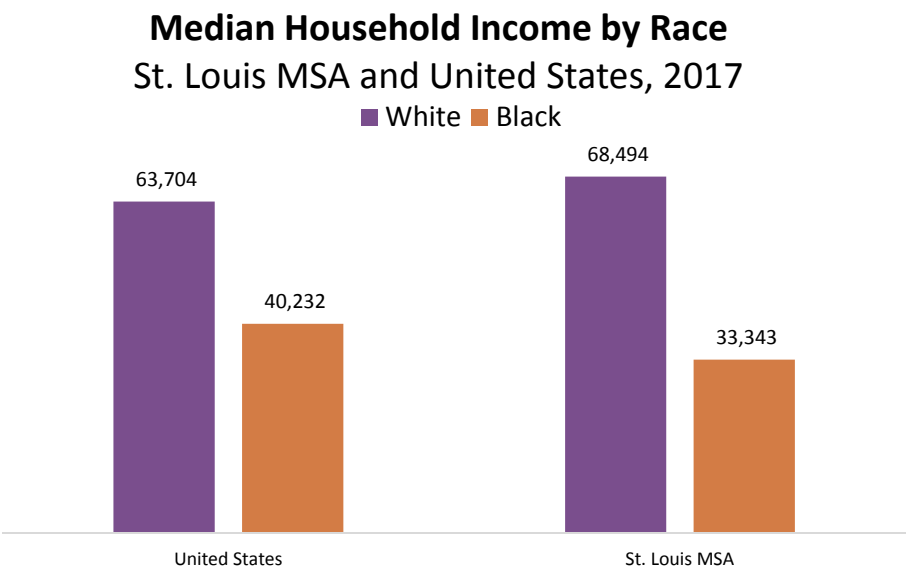
Freight Tonnage

Amount of freight imported to, exported from, or shipped within the region in thousands of tons, 2016

1	**Houston**	**1,848,078**
2	New York	1,184,331
3	Los Angeles	1,089,304
4	Chicago	1,022,264
5	Dallas	732,473
6	New Orleans	601,615
7	Philadelphia	568,803
8	San Francisco	532,600
9	Detroit	425,767
10	Boston	423,749
11	Miami	405,003
12	Atlanta	404,742
13	**St. Louis**	**383,994**
14	Seattle	383,241
15	Minneapolis	350,572
Peer Average		**340,824**
16	San Antonio	323,929
17	Denver	310,393
18	Cleveland	309,999
19	Portland	261,548
20	Pittsburgh	232,007
21	Phoenix	227,159
22	Cincinnati	226,807
23	Tampa	223,784
24	Washington, D.C.	220,262
25	Kansas City	208,541
26	Indianapolis	199,753
27	Milwaukee	190,577
28	Baltimore	182,835
29	Columbus	176,019
30	Orlando	172,182
31	Buffalo	168,003
32	Birmingham	163,688
33	Salt Lake City	157,753
34	Austin	155,356
35	Oklahoma City	151,608
36	Nashville	140,878
37	Charlotte	136,520
38	Sacramento	133,207
39	Raleigh	128,713
40	Virginia Beach	127,643
41	Louisville	124,371
42	Memphis	121,500
43	San Diego	120,706
44	Jacksonville	102,228
45	Richmond	99,850
46	Las Vegas	88,260
47	**Hartford**	**76,115**

Source: Federal Highway Administration, Freight Analysis Framework

Slow Income Growth and Inclusion



Source: U.S. Census Bureau, American Community Survey 1-Year Estimates (B19013A, B19013B)

Change in per Capita Income

Percent change, 2012-2016, adjusted to 2016 dollars

1	**San Jose**	**16.7**
2	San Francisco	16.1
3	Nashville	11.8
4	Seattle	11.8
5	Sacramento	11.0
6	Riverside	10.5
7	Detroit	10.4
8	Denver	10.4
9	Portland	10.2
10	Salt Lake City	10.2
11	Chicago	10.2
12	Atlanta	10.0
13	San Diego	9.9
14	Orlando	9.3
15	Miami	9.1
16	Los Angeles	8.6
17	San Antonio	8.2
18	Boston	7.5
19	Austin	7.3
20	Phoenix	6.9
21	Minneapolis	6.7
United States		**6.4**
22	Cleveland	6.4
23	New York	6.2
24	Raleigh	6.2
25	Philadelphia	6.1
26	Indianapolis	5.7
27	Dallas	5.5
28	Buffalo	5.5
29	Columbus	5.5
30	Providence	5.4
31	Baltimore	5.3
32	Richmond	5.1
33	Pittsburgh	5.0
34	Cincinnati	4.9
35	Las Vegas	4.9
36	Tampa	4.8
37	Birmingham	4.8
38	Jacksonville	4.7
39	Louisville	4.7
40	Hartford	4.7
41	Memphis	3.7
42	Virginia Beach	3.5
43	Milwaukee	3.5
44	Washington, D.C.	2.9
45	Kansas City	2.7
46	**St. Louis**	**2.2**
47	Oklahoma City	1.7
48	New Orleans	1.6
49	Charlotte	0.6
50	**Houston**	**-3.9**

Source: Bureau of Economic Analysis (CA4); Bureau of Labor Statistics

Racial Disparity in Income

Ratio of white to black median household income, 2017

1	**Milwaukee**	**2.41**
2	San Francisco	2.40
3	New Orleans	2.14
4	Buffalo	2.11
5	Cleveland	2.11
6	Chicago	2.10
7	**St. Louis**	**2.07**
8	Minneapolis	2.07
9	Pittsburgh	2.00
10	Philadelphia	1.96
11	Portland	1.95
12	Cincinnati	1.94
13	Kansas City	1.93
14	New York	1.91
15	Los Angeles	1.90
16	San Diego	1.87
17	Detroit	1.86
18	Indianapolis	1.85
19	Boston	1.84
20	Hartford	1.82
21	Birmingham	1.82
22	Memphis	1.82
23	Oklahoma City	1.80
24	Baltimore	1.80
25	Columbus	1.75
26	Seattle	1.73
27	Dallas	1.73
28	Houston	1.72
29	Providence	1.68
30	Richmond	1.68
31	Washington, D.C.	1.66
32	Jacksonville	1.66
33	Virginia Beach	1.65
34	Denver	1.64
35	Miami	1.64
United States		**1.64**
36	Louisville	1.64
37	Las Vegas	1.60
38	Austin	1.59
39	Sacramento	1.59
40	Raleigh	1.56
41	San Antonio	1.56
42	Orlando	1.56
43	Atlanta	1.53
44	Charlotte	1.52
45	Phoenix	1.52
46	Nashville	1.41
47	Tampa	1.40
48	**Riverside**	**1.34**

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates (S0201)

Workforce and Education

Key Findings

- College attainment is improving
- Workforce engagement is improving
- Inclusion is a persistent challenge
- Highly segregated schools
- Learning experiences vary by race

Educational Attainment

Change in Bachelor's Degree or Higher

Percentage point difference, 2007-2017

1	**Portland**	**7.6**
2	Nashville	7.5
3	Pittsburgh	7.4
4	Denver	7.4
5	San Jose	7.1
6	Richmond	6.6
7	San Francisco	6.5
8	St. Louis	6.5
9	Philadelphia	6.4
10	Austin	6.4
11	Salt Lake City	6.2
12	Baltimore	6.2
13	Seattle	5.8
14	Boston	5.8
15	Chicago	5.4
16	Indianapolis	5.4
17	Milwaukee	5.4
18	San Diego	5.3
19	Buffalo	5.2
20	Louisville	5.1
21	Birmingham	5.1
22	Virginia Beach	5.1
23	Cincinnati	5.0
24	Kansas City	4.9
25	Jacksonville	4.9
26	Minneapolis	4.9
27	Raleigh	4.8
28	Dallas	4.7
29	Detroit	4.6
30	Houston	4.6
31	New York	4.6
United States		4.5
32	Phoenix	4.5
33	Los Angeles	4.2
34	Orlando	4.1
35	Cleveland	4.1
36	Tampa	4.0
37	Providence	3.9
38	New Orleans	3.9
39	Hartford	3.9
40	Atlanta	3.8
41	San Antonio	3.8
42	Miami	3.6
43	Columbus	3.5
44	Washington, D.C.	3.5
45	Memphis	3.4
46	Oklahoma City	3.2
47	Las Vegas	3.0
48	Sacramento	2.9
49	Charlotte	2.9
50	**Riverside**	**2.3**

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates (B15002)

Racial Disparity in Higher Education

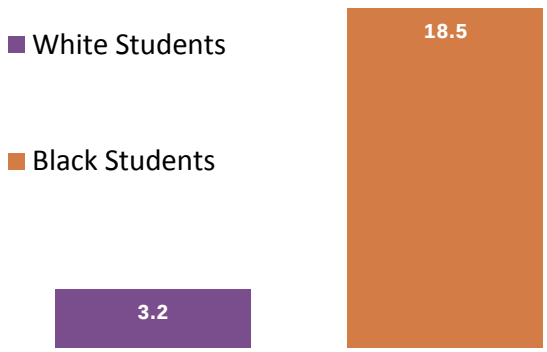
Ratio of white to black, adults aged 25 and older, with a bachelor's degree or higher, 2017

1	**Milwaukee**	**3.07**
2	Miami	2.33
3	Buffalo	2.28
4	Kansas City	2.28
5	New Orleans	2.24
6	Cleveland	2.22
7	San Francisco	2.21
8	Hartford	2.13
9	Memphis	2.09
10	Chicago	2.08
11	St. Louis	2.01
12	Richmond	2.01
13	Philadelphia	1.99
14	Minneapolis	1.96
15	New York	1.92
16	Detroit	1.91
17	Boston	1.89
18	San Diego	1.89
19	Birmingham	1.88
20	Jacksonville	1.85
21	Washington, D.C.	1.83
22	Denver	1.82
23	Cincinnati	1.81
24	Los Angeles	1.81
25	Columbus	1.78
26	Baltimore	1.74
27	Orlando	1.73
28	Raleigh	1.72
29	Pittsburgh	1.71
30	Indianapolis	1.69
United States		1.67
31	Seattle	1.66
32	Houston	1.64
33	Las Vegas	1.62
34	Dallas	1.62
35	Sacramento	1.61
36	Virginia Beach	1.61
37	Oklahoma City	1.60
38	Austin	1.59
39	Phoenix	1.58
40	Providence	1.58
41	Tampa	1.57
42	Louisville	1.57
43	Atlanta	1.50
44	Charlotte	1.43
45	Portland	1.40
46	San Antonio	1.33
47	Nashville	1.31
48	**Riverside**	**1.20**

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates (S0201)

Schools

Out-of-School Suspension Rates
Percentage of students who have received one or more out-of-school suspensions



Chronic Absenteeism
Students who missed 15 days of school or more as a percent of all students

Pupil-Teacher Ratio
2015-2016

1	**Riverside**	**24.6**
2	Los Angeles	24.3
3	San Diego	23.6
4	San Jose	23.1
5	Sacramento	22.8
6	San Francisco	22.5
7	Las Vegas	20.9
8	Portland	19.9
9	Seattle	19.3
10	Indianapolis	19.0
11	Detroit	18.7
12	Columbus	18.4
13	Cincinnati	18.3
14	Denver	18.1
15	Birmingham	17.5
16	Louisville	17.2
17	Milwaukee	17.1
18	Oklahoma City	16.9
19	Cleveland	16.8
20	Charlotte	16.6
21	Miami	16.6
22	Jacksonville	16.5
23	Memphis	16.4
24	Minneapolis	16.4
25	Virginia Beach	16.3
26	Houston	16.2
27	Chicago	16.1
28	Richmond	16.1
29	Atlanta	15.9
United States		**15.9**
30	Raleigh	15.8
31	San Antonio	15.8
32	Nashville	15.4
33	Dallas	15.3
34	Orlando	15.3
35	**St. Louis**	**15.1**
36	Baltimore	15.0
37	Washington, D.C.	14.9
38	Kansas City	14.9
39	Austin	14.8
40	Philadelphia	14.5
41	Tampa	14.3
42	Pittsburgh	14.2
43	Buffalo	13.7
44	Providence	13.7
45	New York	13.3
46	New Orleans	13.3
47	Boston	13.2
48	**Hartford**	**12.4**

Source: National Center for Education Statistics

Segregation of School Districts
Black-white student segregation, based on the dissimilarity index, 2015-2016

1	**Cleveland**	**78.8**
2	Milwaukee	77.9
3	Chicago	73.2
4	Buffalo	72.4
5	Detroit	71.2
6	**St. Louis**	**70.6**
7	Cincinnati	70.4
8	Indianapolis	69.8
9	Pittsburgh	69.4
10	Boston	68.0
11	New York	67.3
12	Philadelphia	65.1
13	Memphis	61.5
14	Hartford	61.3
15	Columbus	61.2
16	San Francisco	60.9
17	Denver	60.5
18	Birmingham	59.7
Peer Average		**59.5**
19	Kansas City	58.5
20	Los Angeles	58.3
21	Providence	55.9
22	Oklahoma City	55.6
23	Minneapolis	55.3
24	Nashville	54.4
25	Washington, D.C.	54.3
26	Dallas	52.8
27	Sacramento	51.6
28	New Orleans	50.7
29	Louisville	50.7
30	Houston	49.8
31	Seattle	46.7
32	Baltimore	44.7
33	Jacksonville	43.4
34	Portland	43.0
35	Atlanta	42.9
36	Phoenix	42.6
37	San Diego	42.1
38	Riverside	40.5
39	Virginia Beach	40.0
40	Charlotte	39.4
41	San Antonio	38.0
42	Austin	37.7
43	Richmond	37.2
44	San Jose	35.3
45	Salt Lake City	30.5
46	Orlando	27.7
47	Tampa	25.4
48	Miami	19.8
49	Raleigh	12.1
50	**Las Vegas**	**0.0**

Source: U.S. Department of Education, Office of Civil Rights

Where We Stand: 8th Edition

How does St. Louis compare to our peer metro regions?

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Workforce and Education
Crime and Public Safety

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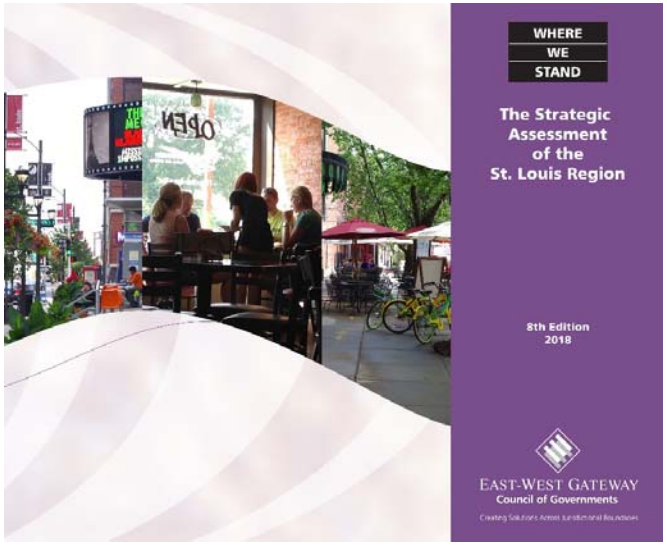

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Bi-State Development
Executive Director
James M. Wild

Memo to: Board of Directors

From: Staff

Subject: 2017 CMP Annual Regional Congestion Report

Date: January 15, 2019

The East-West Gateway Council of Governments is responsible for developing and implementing a Regional Congestion Management Process (CMP). The CMP is a systematic way of monitoring, measuring and diagnosing the causes of current and future congestion on the region's multi-modal transportation system; evaluating and recommending alternative strategies to manage current and future regional congestion; and monitoring and evaluating the performance of strategies implemented to manage congestion.

The CMP is required by the Fixing America's Surface Transportation (FAST) Act, along with its predecessor laws, and is an integral part of the region's transportation planning process. The St. Louis Metropolitan Area CMP specifies that East-West Gateway will develop an annual report on regional congestion, mitigation efforts, and evaluation results. The 2017 Annual CMP Report serves as a yearly review of regional congestion for 2017. It covers definition of congested CMP network, development of performance measures, data sources, identification of congested locations, and mobility project evaluation reports.

Staff will make a presentation on the highlights of the 2017 Annual Congestion Report in regards to our findings on the state of congestion on our regional transportation system.

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Memo To: Board of Directors

From: Staff

Subject: Update of the St. Louis Regional Hazard Mitigation Plan for the Missouri portion of the region

Date: January 15, 2019

East-West Gateway Council of Governments signed a contract with the Missouri State Emergency Management Agency (SEMA) in October 2018 to update the St. Louis Regional Hazard Mitigation Plan for the Missouri portion of the region for the five year period 2020-2025. The plan addresses actions that local governments, special districts, and school districts can take prior to a natural disaster to reduce physical, financial, and social impacts and prepare residents. This plan, like previous plans, will present information about natural disasters, levels of risk, and strategies for local governments and school districts to take to reduce the adverse effects of natural hazards including tornados, severe winter or summer weather, drought, floods, earthquakes, dam failure, and wild fires. The plan will include a summary of natural disasters in the last five years, mitigation actions local governments have taken during that same time, and recommended priority actions for the next five year period.

To provide guidance with the plan update, EWG is creating a Working Group of the five county emergency managers or their representatives, a representative of the cooperating school districts, a representative of the St. Louis Area Regional Coalition of Community Organizations Active in Disasters (SLARCC) steering committee (a STARRS committee), and a flood plain administrator. Also invited will be the president or representative of each of the county municipal leagues. The Working Group will provide advice and assistance in identifying and developing potential mitigation measures for local governments and districts, assist in preparing a workshop on the plan for each county to be held in late spring/early summer, and provide input and feedback on the draft plan. Staff will invite EAC and Board members to attend the workshops in their respective counties.

The draft plan must be completed by the end of 2019 and will be presented to the EAC and Board in October, prior to its submittal to SEMA and FEMA for review. Concurrently, staff will also be requesting that all interested and involved jurisdictions adopt the plan by resolution. Only jurisdictions that have adopted the plan are eligible to apply for funding through FEMA's Hazard Mitigation Assistance grant programs. Adoption of the plan is voluntary and in no way states or implies any liability for success or failure of actions taken (or not taken) under the plan.

The State of Illinois uses a different planning process and addresses their plans at the county level. Through STARRS and SLARCC, EWG will seek to enhance communication and coordination of planning among the counties in the two states.

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Memo to: Board of Directors

From: Staff

Subject: Modifications to the FY 2019-2022 Transportation Improvement Program (TIP), *Connected2045*, and the Related Air Quality Conformity Determination – Requested by Illinois sponsors

Date: January 15, 2019

The Illinois Department of Transportation (IDOT) and Madison County Transit District (MCTD) have requested to amend the FY 2019-2022 TIP, *Connected2045*, and related Air Quality Conformity Determination. In all, they are requesting to add three new projects and modify one existing project. Additionally, the Missouri Department of Transportation (MoDOT) added one emergency project to the TIP.

Illinois New Projects

MCTD has requested to add one new project for the acquisition of new buses. Funding for this project is primarily coming from their existing bus replacement project. IDOT has requested to add two new projects. IDOT will utilize bid savings to fund TIP# 6804Y-18. TIP# 6886T-19 will be funded through a state line item distributed to IDOT districts.

These projects are summarized below:

New Projects - Illinois					
Sponsor / TIP #	**Title – Limits**	**Description of Work**	**County**	**Federal Cost**	**Total Cost**
MCTD / 6667AA-19	Heavy Duty Transit Buses	Purchase five new 30' buses – fleet expansion	Madison	$1,720,000	$2,150,000
IDOT / 6804Y-18	IL 160 – Highland Road to Clinton County line	Resurfacing	Madison	$2,400,000	$3,000,000
IDOT / 6886T-19	IL 3 – Poplar Street Complex (I-55/64)	Bridge painting	St. Clair	$1,120,000	$1,400,000
			TOTAL:	**$5,240,000**	**$6,550,000**

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Illinois Modified Projects

MCTD has requested to modify one existing project in the TIP. This project will be reduced in cost to transfer funds to TIP# 6667AA-19.

This project is summarized below:

Modified Project - Illinois				
Sponsor / TIP # / County	**Project Title - Limits**	**Description of Work**	**Current Cost / Revised Cost**	**Reason for Change**
MCTD / 6667A-17 / Madison	Heavy Duty Transit Buses	Replace nine buses	$6,000,000 / $4,050,706	Reduced in cost to transfer funds to TIP# 6667AA-19 for purchase of new buses.

Missouri Emergency Project

MoDOT has added one project to the TIP. This was an emergency project to repair the shoulder of the South Hanley Road ramp to eastbound I-64. Due to the urgency of adding emergency projects to the TIP, so that sponsors can access funding in a timely manner, these projects are added as administrative modifications to the TIP. The project is presented here for the Board's information.

This project is summarized below:

Emergency Project - Missouri					
Sponsor / TIP #	**Title – Limits**	**Description of Work**	**County**	**Federal Cost**	**Total Cost**
MoDOT / 6892Z-19	I-64 On-Ramp – South Hanley Road to eastbound I-64	Slope repair	St. Louis	$916,000	$1,018,000

Staff Recommendation: Staff recommends that the FY 2019-2022 TIP, *Connected2045*, and related Air Quality Conformity Determination be revised to add three new projects and modify one existing project as summarized above and detailed in the attachment. These projects are exempt with respect to air quality in accordance with federal regulations (40 CFR 93.126) or are not regionally significant.

Amendment # **0119-001**
TIP # **6667AA-19**
Sponsor # **N/A**

PROJECT SPONSOR: **MCTD**

ACTION REQUESTED: Revise FY 2019 of the FY 2019-2022 TIP to add a project

TITLE: **Heavy Duty Transit Buses**

LIMITS: N/A

DESCRIPTION: Purchase five new 30' buses – fleet expansion

COUNTY: Madison

FUNDING SOURCE: Section 5307

	Federal	Match	Total
PE	$0	$0	$0
ROW	$0	$0	$0
Implementation	$1,720,000	$430,000	$2,150,000
Total	$1,720,000	$430,000	$2,150,000

AIR QUALITY CONFORMITY: Exempt – Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet (§ 93.126)

STAFF RECOMMENDATION: Approval

Amendment # **0119-002**
TIP # **6804Y-18**
Sponsor # **C-98-214-18**

PROJECT SPONSOR: **IDOT**

ACTION REQUESTED: Revise FY 2019 of the FY 2019-2022 TIP to add a project

TITLE: **IL 160**

LIMITS: Highland Road to Clinton County line

DESCRIPTION: Resurfacing

COUNTY: Madison

FUNDING SOURCE: Surface Transportation Block Grant Program (STBG)

	Federal	Match	Total
PE	$0	$0	$0
ROW	$0	$0	$0
Implementation	$2,400,000	$600,000	$3,000,000
Total	$2,400,000	$600,000	$3,000,000

AIR QUALITY CONFORMITY: Exempt – Pavement resurfacing and/or rehabilitation (§ 93.126)

STAFF RECOMMENDATION: Approval

Amendment # **0119-003**
TIP # **6886T-19**
Sponsor # **C-98-047-19**

PROJECT SPONSOR: **IDOT**

ACTION REQUESTED: Revise FY 2019 of the FY 2019-2022 TIP to add a project

TITLE: **IL 3**

LIMITS: Poplar Street Complex (I-55/64)

DESCRIPTION: Bridge painting

COUNTY: St. Clair

FUNDING SOURCE: National Highway Performance Program (NHPP)

	Federal	Match	Total
PE	$0	$0	$0
ROW	$0	$0	$0
Implementation	$1,120,000	$280,000	$1,400,000
Total	$1,120,000	$280,000	$1,400,000

AIR QUALITY CONFORMITY: Not Regionally Significant

STAFF RECOMMENDATION: Approval

TIP # **6892Z-19**
Sponsor # **6I3419**

PROJECT SPONSOR: **MoDOT**

ACTION REQUESTED: Revise FY 2019 of the FY 2019-2022 TIP to add a project

TITLE: **I-64 On-Ramp**

LIMITS: South Hanley Road to eastbound I-64

DESCRIPTION: Slope repair

COUNTY: St. Louis

FUNDING SOURCE: National Highway Performance Program (NHPP)

	Federal	Match	Total
PE	$172,762	$19,238	$192,000
ROW	$8,998	$1,002	$10,000
Implementation	$734,240	$81,760	$816,000
Total	$916,000	$102,000	$1,018,000

AIR QUALITY CONFORMITY: Exempt – Shoulder improvements (§ 93.126)

STAFF RECOMMENDATION: Approval