

SSM Health St. Mary's Hospital – St. Louis
SSM Health Cardinal Glennon Children's Hospital
SSM Health Saint Louis University Hospital

Approved by SSM Health St. Louis Regional Board on November 26, 2018



2018

Community Health Needs *Assessment*



Table of Contents

Assessment

Message to Our Community [3]

Executive Summary [4]

About Us [5-6]

About Our Community [7-8]

The Health of Our Community [9-10]

The Health Needs of Our Community [11]

Our Progress since 2015 [12-14]

Appendices | How the Information was Obtained

Primary and Secondary Data Collection..... [16]

Focus Group Community Representation..... [17]

Focus Group Objectives [18]

Prioritizing Health Needs..... [19]

St. Louis County Health Dashboard..... [20-61]

St. Louis City Health Dashboard..... [62-93]

CHNA Collaborators [94]





Message to Our Community

SSM Health St. Mary's Hospital, SSM Health Cardinal Glennon Children's Hospital and SSM Health Saint Louis University Hospital, members of SSM Health, delivers exceptional, compassionate care to the St. Louis community. Inspired by our founding Franciscan Sisters of Mary and guided by our Mission – Through our exceptional health care services, we reveal the healing presence of God – we cherish the sacredness and dignity of each person as demonstrated through our Values of compassion, respect, excellence, stewardship and community.

Our sustained community commitment can be seen through our collaborative partnerships with residents and organizations. We rely on these relationships to help us identify and develop plans to address high-priority community health needs.

Over the last 12 months, in collaboration with our community partners, we have conducted a community health needs assessment by gathering health-related information from Think Health St. Louis – Partnership for a Healthy St. Louis regarding the St. Louis County and St. Louis City communities. We have also conducted community focus groups to identify concerns about the health of these communities and the number of area-based programs and organizations that exist to address their needs. These discussions identified needs that were prioritized based on the level of importance to community members and the hospital's ability to truly make an impact.

SSM Health St. Mary's Hospital

6420 Clayton
Richmond Heights, MO
63117
Travis Capers, President

SSM Health Cardinal Glennon Children's Hospital

1465 S. Grand Blvd.
St. Louis, MO 63104
Steven Burghart, President

SSM Health Saint Louis University Hospital

3660 Vista Avenue
St. Louis, MO 63110

Contact us for more information or to take part in improving the health of our community by visiting our website at ssmhealth.com

Executive Summary



background

SSM Health St. Mary's Hospital, SSM Health Cardinal Glennon Children's Hospital and SSM Health Saint Louis University Hospital are pleased to collaboratively present the 2018 Community Health Needs Assessment (CHNA). This CHNA report provides an overview of the health needs and priorities associated with our service area. The goal of this report is to provide individuals with a deeper understanding of the health needs in their community, as well as help guide the hospital in its community benefit planning efforts and development of the 2019-2021 implementation strategy to address evaluated needs. SSM Health St. Mary's Hospital and SSM Health Cardinal Glennon Children's Hospital last conducted a CHNA in 2015. SSM Health Saint Louis University Hospital last conducted a CHNA in 2016.



priorities

SSM Health St. Mary's Hospital held a meeting with local and regional stakeholders to determine priorities for the 2019-2021 CHNA and strategic implementation plan.

Priorities include:

- Access to Care / Continuity of Care
- High-risk Pregnancy
- Diabetes

SSM Health Cardinal Glennon Children's Hospital in collaboration with St. Louis Children's Hospital and Shriners Children's Hospital held a meeting with local and regional stakeholders to determine priorities for the 2019-2021 CHNA and strategic implementation plan.

Priorities include:

- Access of Care
- Maternal / Infant Health
- Asthma

SSM Saint Louis University Hospital in collaboration with Barnes Jewish Hospital held a meeting with local and regional stakeholders to determine priorities for the 2019-2021 CHNA and strategic implementation plan.

Priorities include:

- Access to Care
- Substance Abuse / Mental Health
- Violence

strategies

SSM Health St. Mary's Hospital:

Access to Care / Continuity of Care: resources include partnerships with Federally Qualified Health Centers (FQHC) and St. Louis Integrated Health Network (IHN) community referral coordinator program.

High-Risk Pregnancy: resources include Women and Infants Substance Health (WISH) Clinic, and partnerships with St. Louis University's research division for the department of obstetrics, gynecology and women's health, Nurses for Newborns and Generate Health STL.

Diabetes: resources include diabetic educators and the St. Mary's Internal Medicine Clinic.

SSM Health Cardinal Glennon Children's Hospital

Access to Care: resources include partnerships with Federally Qualified Health Centers (FQHC) and St. Louis Integrated Health Network (IHN) community referral coordinator program.

Maternal / Infant Health: resources include SSM Health Maternal Services, St. Louis University Division of Maternal Fetal Medicine, Generate Health STL, FLOURISH St. Louis, Thrive St. Louis.

Asthma: resources include SSM Health Telehealth Services, SLU Care, Urgent Care for Kids, SSM Health Medical Group, Asthma and Allergy Foundation, Catholic Charities.

SSM Health Saint Louis University

Access to Care / Continuity of Care: resources include partnerships with Federally Qualified Health Centers (FQHC) and St. Louis Integrated Health Network (IHN) community referral coordinator program.

Substance Abuse / Mental Health: resources include partnerships with St. Louis City and St. Louis County departments of health.

Violence: resources include collaboration of the four city trauma centers through the Hospital Violence Intervention Program.

SSM Health St. Mary's Hospital



SSM Health

SSM Health is a Catholic not-for-profit health system serving the comprehensive health needs of communities across the Midwest through a robust and fully integrated health care delivery system. Headquartered in St. Louis, SSM Health has care delivery sites in Missouri, Illinois, Oklahoma and Wisconsin. The health system includes 24 hospitals, more than 300 physician offices and other outpatient care sites, 10 post-acute facilities, comprehensive

Through our exceptional health care services, we reveal the healing presence of God.

home care and hospice services, a pharmacy benefit company, an insurance company, a technology company and an Accountable Care Organization.

With more than 10,000 providers and 40,000 employees in four states, SSM Health is one of the largest

employers in every community it serves. An early adopter of the electronic health record (EHR), SSM Health is a national leader for the depth of its EHR integration.

SSM Health St. Mary's Hospital

highlight of services

SSM Health St. Mary's Hospital – St. Louis offers a comprehensive array of acute inpatient services, along with an ambulatory network consisting of urgent care, primary care and specialist providers. Affiliated with SSM Health Cardinal Glennon Children's Hospital and partnered with SLUCare Physician Hospital-St. Louis, SSM Health St. Mary's Hospital offers the most comprehensive mother-baby program in the region. The Family Birthplace at SSM Health St. Mary's Hospital is a regional hub for maternal services and high-risk obstetrics. SSM Health St. Mary's Hospital is fully equipped with a level III Neonatal ICU, a perinatal center and a satellite location for the SSM Health Cardinal Glennon Children's Hospital.

...
...
...

community benefit

In 2017, SSM Health St. Mary's Hospital provided \$37.5 million in community benefit comprised of charity care, community services and unpaid costs of Medicaid and other public programs.

affiliations and community partnerships

SSM Health St. Mary's Hospital – St. Louis is proud to partner with many different organizations to improve health outcomes of the community it serves. Partners include:

- St. Louis University
- St. Louis Integrated Health Network
- City of Richmond Heights
- Generate Health STL

Hospital at a Glance

Admissions		19,592
Outpatient Visits		144,555
ER Visits		68,734
Births		3,507
Beds		527
Employees		2,097
Medical Staff		800
Volunteers		467
Charity Care		\$37.5MM

SSM Health Cardinal Glennon Children's Hospital and SSM Health Saint Louis University Hospital



SSM Health Cardinal Glennon Children's Hospital

highlight of services

SSM Health Cardinal Glennon Children's Hospital has more than 60 medical specialty areas and offers a distributed network of pediatric programs throughout Missouri and Illinois. SSM Health Cardinal Glennon is home to:

- Dana Brown Neonatal Intensive Care Unit
- St. Louis Fetal Care Institute
- Dorothy and Larry Dallas Heart Center
- Bob Costas Cancer Center
- St. Louis Cord Blood Bank
- Missouri Poison Center
- Level 1 pediatric trauma center in Missouri and Illinois

community benefit

In 2017, SSM Health Cardinal Glennon Children's Hospital provided \$69.4 million in community benefit, comprised of charity care, community services, unpaid costs of Medicaid and other public programs.

affiliations and community partnerships

SSM Health Cardinal Glennon Children's Hospital is proud to partner with many different organizations to improve the health outcomes of its community including:

- SLU Care – Saint Louis University
- Ronald McDonald House
- St. Louis Crisis Nursery
- Generate Health STL
- Juvenile Diabetes Research
- Hospital Violence Intervention Program Collaboration

SSM Health Saint Louis University Hospital

highlight of services

SSM Health Saint Louis University is an academic medical center in St. Louis and serves as teaching hospital for St. Louis University School of Medicine and is exclusively staffed by SLUCare Physician Group.

As an academic medical center, SSM Health Saint Louis University Hospital is at the forefront of ground-breaking medical treatments and procedures providing those services to patients, teaching to students and developing through research and innovation.

community benefit

In 2017, SSM Health Saint Louis University Hospital provided \$66 million in community benefit comprised of charity care, community services, unpaid costs of Medicaid and other public programs.

affiliations and community partnerships

SSM Health Saint Louis University Hospital is proud to partner with many different organizations to improve the health outcomes of the communities it serves. Partners include:

- St. Louis City and County departments of health
- St. Louis Integrated Health Network
- Hospital Violence Intervention Program Collaborative
- National Kidney Foundation
- Park Central Development



St. Louis County

SSM Health St. Mary's Hospital is geographically located in mid - St. Louis County, however the primary service area and the secondary service area include zip codes in both St. Louis County and St. Louis City. There are 28 zip codes that are contained within or overlap the service area. In 2018, the population for St. Louis County is estimated at 997,087 persons.

The numbers reflected below represent St. Louis County. Demographic information for St. Louis City is listed on page 8 for this document.



our community by the numbers

Population

Age Group	2018	% of total
0-14	177,949	17.85%
15-17	39,155	3.93%
18-24	90,007	9.03%
25-34	124,084	12.44%
35-54	244,883	24.56%
55-64	141,850	14.23%
65+	179,159	17.97%

Household Income

Race/Ethnicity	Household Income
All	\$42,035
White	\$57,674
Black/African American	\$27,296
American Indian/Alaskan Native	\$42,936
Asian	\$39,768
Native Hawaiian/Pacific Islander	\$14,999
Some Other Race	\$44,704
2+ Races	\$38,403

Education Level

Education Level	2018	% of total
Less than High School	13,936	2.02%
Some High School	33,231	4.82%
High School Degree	149,776	21.71%
Some College/Assoc. Degree	202,793	29.4%
Bachelor's Degree or Greater	290,240	42.07%

Race / Ethnicity

Race/Ethnicity	2018	% of total
White	675,316	67.73%
Black/African American	241,166	24.19%
Asian	44,298	4.44%
American Indian/Alaskan Native	2,277	0.23%
Native Hawaiian/Pacific Islander	223	0.02
Some Other Race	10,066	1.01%
2+ Races	23,741	2.38%

About Our Community



St. Louis City

SSM Health Cardinal Glennon Children’s Hospital and SSM Health Saint Louis University Hospital are both located in St. Louis City within the 63110 zip code. However as specialty hospitals, the service area for both hospitals include the St. Louis metropolitan area and southern Illinois.

SSM Health Cardinal Glennon serves 276 zip codes in its primary service area and 2,214 zip codes in its secondary / outreach service area.

SSM Health Saint Louis University serves 89 zip codes in its primary service area and 87 zip codes in its secondary service area.

Demographic numbers reflected below represent St. Louis City. In 2018, the population of St. Louis City is estimated at 308,129 persons.



our community by the numbers

Population

Age Group	2018	% of total
0-14	54,628	17.73%
15-17	9,414	3.06%
18-24	27,428	8.90%
25-34	58,759	19.07%
35-54	78,540	25.49%
55-64	39,670	12.87%
65+	39,690	12.89%

Household Income

Race/Ethnicity	Household Income
All	\$67,173
White	\$76,380
Black/African American	\$43,595
American Indian/Alaskan Native	\$46,532
Asian	\$91,101
Native Hawaiian/Pacific Islander	\$30,833
Some Other Race	\$35,196
2+ Races	\$51,804

Education Level

Education Level	2018	% of total
Less than High School	9,497	4.38%
Some High School	22,187	10.24%
High School Degree	50,873	23.48%
Some College/Assoc. Degree	60,831	28.07%
Bachelor’s Degree or Greater	73,271	33.82%

Race / Ethnicity

Race/Ethnicity	2018	% of total
White	144,039	46.75%
Black/African American	129,825	45.38%
Asian	10,222	3.32%
American Indian/Alaskan Native	806	0.26%
Native Hawaiian/Pacific Islander	105	0.03%
Some Other Race	4,640	1.51%
2+ Races	8,492	2.76%



The Health of Our Community

About the data – St. Louis County

Below is a statistical overview of strengths and weaknesses within the community that factored into our discussions with local stakeholders regarding the priority health needs of the population within our service area. Data was derived from a number of sources including Think Health St. Louis - St. Louis Partnership for a Healthy Community and Healthy Communities Institute with topics in the areas of population health, determinants of health and quality of life.



Heart Disease

The death rate of coronary heart disease is much lower in St. Louis County than the state of Missouri



Health Insurance

90.9 percent of adults in St. Louis County have health insurance. However, health insurance utilization remains a problem.

Excessive Drinking

20% of adults in St. Louis County are reported to drink excessively. Additionally, 28% of motor vehicle deaths are alcohol-related



Access to Exercise

95% of St. Louis County residents reported to have adequate access to exercise which is significantly higher than the state average of 77%



Access to Primary Care

St. Louis County has 1 primary care provider per 810 residents, higher than the state average of 1 provider per 1420 residents



Diabetes

24.8 percent of the Medicare population is diabetic. The age-adjusted death rate to diabetes is 16.7%, compared to 20.08% at the state.

Depression

20.6 percent of the Medicare population struggles with depression



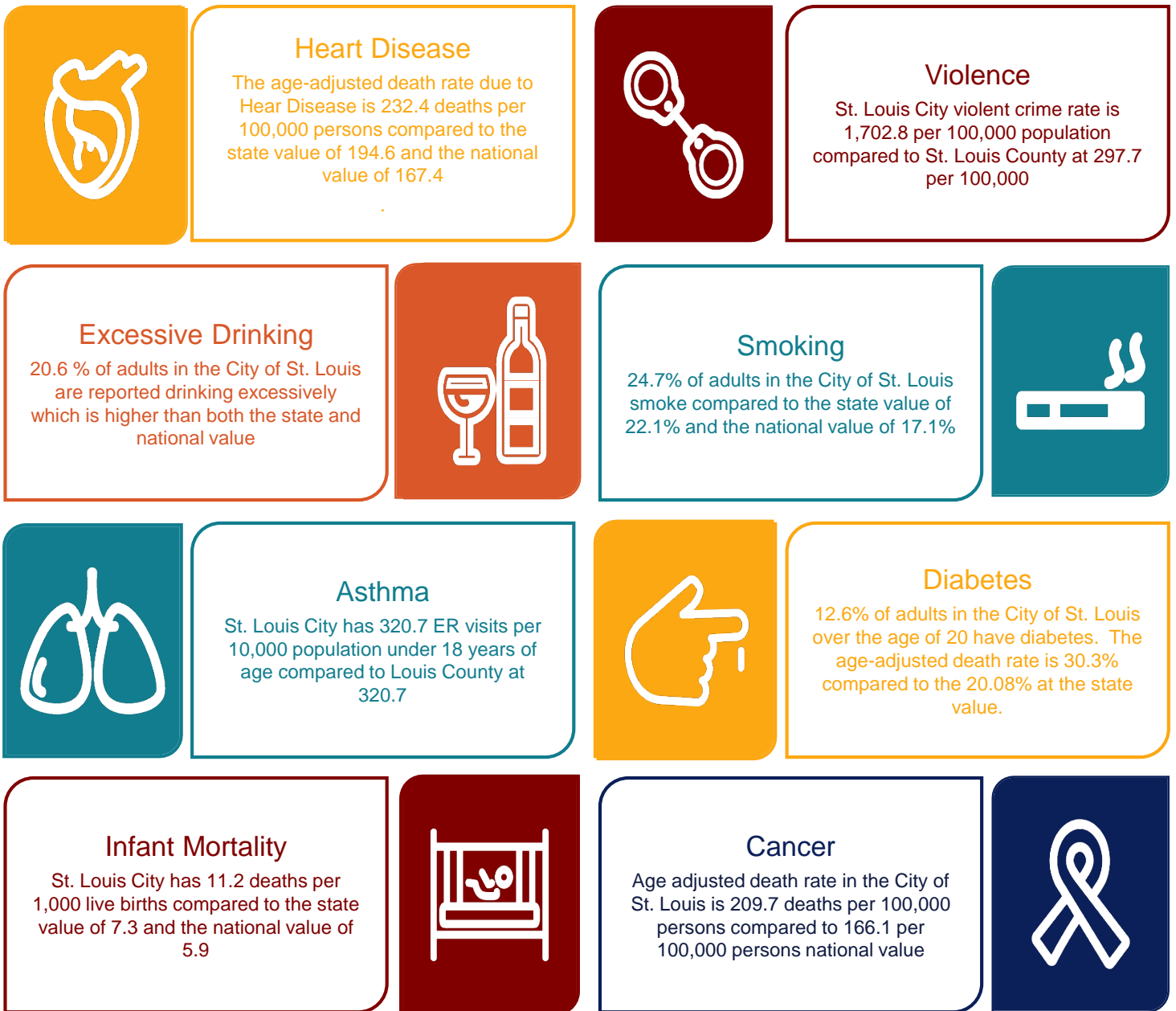
Stroke

The stroke rate in St. Louis County is higher than both the state and national averages



About the data – St. Louis City

Below is a statistical overview of strengths and weaknesses within the community that factored into our discussions with local stakeholders regarding the priority health needs of the population within our service area. Data was derived from a number of sources including Think Health St. Louis - St. Louis Partnership for a Healthy Community and Healthy Communities Institute with topics in the areas of population health, determinants of health and quality of life.



The Health Needs of Our Community

When feasible, SSM Health collaborated with other hospital systems to conduct the community focus groups; SSM Health Saint Louis University collaborated with Barnes Jewish Hospital and SSM Health Cardinal Glennon Children's Hospital collaborated with St. Louis Children's Hospital and Shriners Hospital. SSM Health St. Mary's Hospital – St. Louis independently conducted a focus group that represented the broad interest and diversity of mid-St. Louis County and St. Louis City. All the focus groups included representatives from St. Louis County and / or St. Louis City Health Departments.

Participants were asked to identify the primary health issues affecting constituents that they represent. After exhausting individual concerns, the focus was shifted towards issues identified in the 2016 cycle. Items not previously discussed were re-evaluated by the participants. After all discussion had concluded, a survey inclusive of all topics discussed was distributed. Participants were asked to score each health issue in terms of their perception of its importance and the ability of the hospital to make an impact. The results were collected, analyzed and reviewed by senior leadership prior to identifying the top priorities to be addressed.

key priorities

Access to Care: Per 100,000 persons, there are 123 providers in St. Louis County and 85 providers in St. Louis City. Access to primary care providers increases the likelihood that community members will have routine checkups and screenings. Moreover, those with access to primary care are more likely to know where to go for treatment in acute situations. Community that lack a sufficient number of primary care providers typically have members who delay necessary care.

Chronic Disease – Diabetes and Asthma: 11.6% of Adults in St. Louis County and 12.6% of Adults in St. Louis City have been diagnosed with Diabetes. Diabetes is the leading cause of death in the United States. Diabetes disproportionately affects minority populations and the elderly. Pediatric ER visits related to asthma per 10,000 persons under 18 years – 320.7 St. Louis City and 166 St. Louis County. Asthma in children is one of the most common long-term disease in children resulting in missed school days, limitations on activities and ER visits.

Maternal / Infant Health: 82.5% of St. Louis County mothers received prenatal care compared to 73.2% of St. Louis City mothers. Babies born to mothers who do not receive prenatal care are three times more likely to have a low birth weight and five times more likely to die than those born to mothers who do get care. Increasing the number of women who receive prenatal care, and who do so early in their pregnancies, can improve birth outcomes and lower health care costs by reducing the likelihood of complications during pregnancy and childbirth.

Behavioral Health / Substance Abuse: ER visits related to substance abuse per 10,000 persons over 18 years: 39.3 St. Louis City and 17.9 St. Louis County. Substance abuse contributes to a wide range of social, physical, mental, and public health problems such as teenage pregnancy, HIV/AIDs, STIs, domestic violence, child abuse, motor vehicle crashes, crime, homicide, and suicide.

Violence: Violent Crime Rate per 100,000 persons: 1,702.8 St. Louis City and 297.7 St. Louis County. A violent crime is a crime in which the offender uses or threatens to use violent force upon the victim. According to the FBI'S Uniform Crime Reporting Program, violent crime includes four offenses: murder and non-negligent manslaughter, rape, robbery, and aggravated assault. Violence negatively impacts communities by reducing productivity, decreasing property values, and disrupting social services.

Our Progress Since 2015

Our last Community Health Needs Assessment was conducted in 2015. Below are the health needs identified in the 2016-2018 CHNA implementation plan and the strategies to address the issues.

SSM Health St. Mary's Hospital

Access To Care

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Decrease the number of preventable hospital stays in St. Louis County from 52 cases per 1,000 Medicare enrollees, as reported in 2015, to 45 cases per 1,000 Medicare enrollees by 2018 (HCI)	HCI	3yr lag	52 (2012)	48 (2013)	48 (2013)	47.7 (2014)	47.7 (2014)		
Reduce overall readmission rate at SSM Health St. Mary's Hospital – St. Louis from 10.2% (Aug. YTD 2015) to 9.1% by 2018 (Readmissions Report)	Readmissions Report	Ad hoc	10.2%	10.7%	10.9%	10.1%	10.7%		
Improve overall Health Behaviors Ranking of St. Louis County from 7, as reported in 2015, to 6 by 2018 (HCI)	HCI	Annual	7	2	2	2 (2017)	2 (2017)		

Diabetes

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Decrease the age-adjusted death rate due to diabetes in St. Louis County from 16.5 deaths per 100,000 persons, as reported in 2015, to 15 deaths per 100,000 persons by 2018 (HCI)	HCI	1-2yr lag	16.5	15.6 (2013-2015)	14.5%	14.5%	14.5 (2013-2015)		
Increase the percentage of St. Louis Medicare patients screened for diabetes from 83.3%, as reported in 2015, to the state average of 86.6% by 2018 (HCI)	HCI	1-3yr lag	83.3% (2012)	84.9% (2015)	85.6%	85%	85% (2014)		
Reduce the average hemoglobin A1C for patients seen in the SSM Health St. Mary's Hospital – St. Louis Internal Medicine Clinic from 10.1% in 2015 to 9.1% by 2018 (Epic)	Epic	Ad hoc	10.1%	9.2%	7.8%	7.4%	8.04%		

High-Risk Pregnancy and S/A

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Reduce the percentage of preterm births in St. Louis County from 12.4% reported in 2015 to the Healthy People 2020 goal of 11.4% by 2018 (HCI)	HCI	2yr lag	12.4% (2013)	10.5% (2014)	10.5% (2014)	10.5% (2014)	10.5% (2014)		
Reduce the length of stay for Women and Infants Substance Help (WISH) program neonates (high-risk neonate) from 14.88 days in 2015 to 13 days by 2018 (Epic/WISH reporting)	Epic/WISH	Ad hoc	14.88%	11.6%	11.3%	11.4	7.3		

Our Progress Since 2015

Our last Community Health Needs Assessment was conducted in 2015. Below are the health needs identified in the 2016-2018 CHNA implementation plan and the strategies to address the issues.

SSM Health Cardinal Glennon Children's Hospital

Access to Care

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Improve overall Health Behaviors Ranking of St. Louis County from 7, as reported in 2015, to 6 by 2018 (HCI)	HCI	Annual	7	2	2	2	2		
Improve Missouri Kids Count composite county rank in St. Louis from 115 in 2014 to 110 by 2018 (Missouri Kids Count)	MKC	2yr lag	115 (2010-2014)	115 (2010-2014)	115 (2010-2014)	115 (2010-2014)	115 (2010-2014)		

Maternal/Infant Health

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Decrease infant mortality in St. Louis City from 10.9 deaths/1,000 live births to 10.5 deaths/1,000 live births by 2018 (MKC)	MKC	2yr lag	10.9 (2014)	10.9 (2014)	10.9 (2014)	9.8 (2015)	9.8 (2015)		
Reduce the percentage of preterm births in St. Louis County from 12.4% reported in 2015 to the Healthy People 2020 goal of 11.4% by 2018 (HCI)	HCI	2yr lag	12.4% (2013)	10.5% (2014)	10.5% (2014)	10.5% (2014)	10.5% (2014)		

Asthma

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Decrease rate of pediatric asthma inpatient hospitalizations in St. Louis from 57.6 hospitalizations per 10,000 population, as reported in 2012, to 54.6 hospitalizations per 10,000 persons by 2018 (MICA)	MICA	57.6 (2012)	57.6	38.3 (2013)	50.5 (2014)	50.5 (2014)	50.5 (2014)		
Decrease St. Louis rate of pediatric asthma emergency room visits from 336.7 visits per 10,000 persons in 2012 to 330 visits per 10,000 persons by 2018 (MICA)	MICA	336.7 (2012)	336.7	313.2 (2013)	357.4 (2014)	357.4 (2014)	357.4 (2014)		
Decrease number of asthma related 30-day readmissions (w/o CC/MCC) at SSM Health Cardinal Glennon Children's Hospital from 3.1% in 2015 to 2.8% by 2018 (Readmissions Report)	Readmissions Report	Ad hoc	3.1%	2.1%	2.4%	2.5%	4.1%*		

Our Progress Since 2015

Our last Community Health Needs Assessment was conducted in 2016. Below are the health needs we identified in the 2016-2018 CHNA implementation plan and the strategies to address the issues.

SSM Health Saint Louis University Hospital

Mental Health and Substance Abuse

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Reduce the death rate due to drug poisoning in St. Louis City* from 12.8 deaths per 100,000 in 2015, to 12.6 deaths per 100,000 by 2018. (Source: HCI)	HCI	2015	12.8 (2006-2012)	17.2 (2012-2014)	17.2 (2012-2014)	17.2	17.2		
Reduce the percentage of St. Louis City adults visiting the Emergency Department with mental illness as a primary complaint from 6% in 2016 to 3% in 2018. (Source: Internal)	Internal	2016	6%	5.4%	5.4%	5.8%	5.9%		
Increase the percentage of referrals to outpatient services among adults admitted with drug poisoning as the primary diagnosis from 89% in 2016 to 95% in 2018. (Source: Internal)	Internal	2016	89%	89%	89%	91%	92%		

*Note this states St. Louis City not to include St. Louis County. The rate of 12.8 deaths per 100,000 is based on St. Louis City/County, not St. Louis City, also the baseline of 12.8 was reported in 2013 not 2016.

Access to Care for Chronic Kidney Disease

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Improve overall health Behaviors Ranking of St. Louis City from 115, as reported in 2016, to 114 in 2018. (Source: HCI)	HCI	2016	115	115	115	115	115		
Increase the percentage of Medicare beneficiaries treated for chronic kidney disease from 22.3% in St. Louis City, as reported in 2016, to 23.0% by 2018. (Source: HCI)	HCI	2016	22.3% (2014)	22.3% (2014)	22.3% (2014)	22.3%	22.3%		
Increase the number of individuals receiving kidney health screenings through collaborative program with American Kidney Foundation from 500 in 2016 to 700 in 2018. (Source: Internal)	Internal	2016	500	500	500	620	645		

Violent Crime

Goals	Source	Release Date	Baseline	CY16TD	CY16YE	CY17TD	CY17YE	CY18TD	CY18YE
Decrease the violent crime rate in St. Louis City from 1,885.3 crimes per 100,000 persons, as reported in 2015*, to 1,875.0 crimes per 100,000 persons by 2018. (Source: HCI)	HCI	2015	1,885.3 (2010-2012)	1,885.3 (2010-2012)	1,885.3 (2010-2012)	1885.3	1885.3		
Decrease the percentage of victims of violent crimes seen in the Emergency Department from 2%, as reported in 2016, to 1% by 2018. (Source: Internal)	Internal	2016	2%	2%	2%	2%	3%		
Increase the percentage of referrals to Better Family Life for victims of violence from 0% in 2016 to 90% in 2018. (Source: Internal)	Internal	2016	0%	0%	0%	46%	52%		

*Note updated release date from SIP from 2016 to 2015 to more accurately reflect data collection site information.

SSM Health St. Mary's Hospital – St. Louis
SSM Health Cardinal Glennon Children's Hospital
SSM Health Saint Louis University Hospital



2019 – 2021 *Appendices*

Primary and Secondary Data Collection

Primary

The primary data consisted of community focus groups including key stakeholders within the St. Louis City and St. Louis County community. A focus group was held for each SSM ministry. SSM Health St. Mary's Hospital conducted the focus group independently. SSM Health Cardinal Glennon Children's Hospital collaborated with St. Louis Children's Hospital and Shriners Children's Hospital, all of which are located in the city of St. Louis and serve a pediatric population. SSM Health Saint Louis University Hospital collaborated with Barnes Jewish Hospital. All focus groups took place in Spring / Summer of 2018.

Secondary

In addition to a review of demographics, we gathered and reviewed data from broad sources to set the initial direction and priorities of the community health needs assessment. The secondary data was derived from a variety of sources including Think Health St. Louis - St. Louis Partnership for a Health Community, which includes data pulls from Healthy Communities Institute covering topics in areas of health, determinants of health and quality of life.

Community Representation

CHNA 2018– Community Input / Focus Group Participation

- SSM Health St. Mary's Hospital - July 18, 2018
- SSM Health Cardinal Glennon Children's Hospital - May 31, 2018
(collaboration with St. Louis Children's Hospital and Shriner's Children's Hospital)
- SSM Health Saint Louis University Hospital – April 6, 2018
(collaboration with Barnes Jewish Hospital)

SMH	7-18-2018	Karen Bradshaw	St. Louis Integrated Health Network
		Jill Taylor	Family Care Health Center
		Aver Yakubu	Generate Health STL
		Kate Koch	Casa de Salud
		Teresa Proebstring	City of Richmond Heights
		Rev. BT Rice	New Horizon Church
		John Soltysiak	Richmond Heights Fire Department
		Shameka Davis	St. Louis County Dept. of Health
		CG	5-31-2018
		Yvonne Buhlinger	Affina Healthcare
		Michael Butler	State Representative
		Marge Cole	Missouri DHSS
		Wil Franklin	People's Health Center
		Liz Hoester	Vision for Children at Risk
		Melba Moore	City of St. Louis Dept. of Health
		Reagan Nelson	Asthma and Allergy Fndtn.
		Melinda Ohlemiller	Nurses for Newborns
		Colleen Polak	Voices for Children
		Jorge Riopedre	Casa de Salud
		Matthew Simpson	St. Louis Police Dept.
		Tracey Swabby	Abbott EMs
		Tammie Williamson-Powell	Voices for Children
SLUH	4-6-2018	Jenny Armbruster	NCADA
		Barbara Bowman	Urban League of Greater St. Louis
		Ariel Burgess	International Institute
		Kathy Connors	Gateway 180
		Kendra Copanas	Generate Health STL
		Marlene Davis	Alderwoman, Ward 19
		Rob Freund	Regional Health Commission
		Jennifer Howard	Mental Health America of EMO
		Bob Hughes	MO Foundation for Health
		Brian Hurd	Rise Community Network
		Karen Bradshaw	Integrated Health Network
		Kimberly McKinney	Habitat for Humanity STL
		Jorge Riopedre	Casa de Salud
		Craig Schmid	City of St. Louis Health Dept.
		Cathy Vaisvil	United Way

focus group objectives:

The main objective of the focus group meeting is to solicit feedback on the health needs of the community from experts and those with special interest in the health of the community served by the hospitals of St. Louis City and mid-St. Louis County.

Specifically, the discussion focused around the following ideas:

1. Determine whether the needs identified in the 2016 CHNA are still the right area on which to focus
2. Explore whether there are any needs on the list that should no longer be a priority
3. Determine where there are gaps in the plans to address the prioritized need
4. Identify other organizations with whom the hospital should consider collaborating
5. Discuss what has changed since 2015/2016 when these needs were prioritized, and whether there are new issues which should be addressed
6. Understand what other organizations are doing to impact the health of the community and how those activities might complement the hospital's initiatives
7. Evaluate what issues the stakeholders anticipate becoming a greater concern in the future that we need to consider now

The following topics were discussed at each of the community focus groups:

SSM Health St. Mary's Hospital: diabetes, high-risk pregnancy, substance abuse, access to care, continuity of care, trauma/stress informed care, obesity, quality/price transparency, obesity, cardiovascular disease, sexually transmitted infections, violence, pediatric abuse/neglect, ED visits, cancer, dental, tobacco use, cerebrovascular disease, behavioral health

SSM Health Cardinal Glennon Children's Hospital: mental / behavioral health, maternal / child health, social determinants of health, public safety/violence, access to services, immunizations/infectious disease, cultural barriers, health lifestyles, health literacy, reproductive health, asthma, diabetes, cancer, dental health, obesity, blood disease/lead, nutrition, injuries, food allergies

SSM Health Saint Louis University Hospital: mental health, substance abuse, violence, access to care, health literacy, maternal and child health, reproductive health, injuries, health lifestyles, diabetes, transportation, immunization / infectious disease, heart disease, stroke, respiratory disease, smoking / tobacco use, cancer, dental care

prioritizing health needs

To be maximally effective, health programs and initiatives must meet a tangible need of the community. The programming must be presented to, and accessible by the very people who need it most. The study of demographics, community health indicators and community feedback is necessary to assist the hospitals in the planning, development, implementation and evaluation of population health programs in order to reduce disease burden within the community. SSM Health acknowledges the populations for which disparities exist and the unique burdens associated with their demographic status.

Prior to review of the data, a list of criteria was developed to aid in the selection of priority areas. During the data-review process, attention was directed to health issues that met any of these criteria:

- Health issues that impact a lot of people or for which disparities exist, and which put a greater burden on some population groups
- Poor rankings for health issues in the City and County of St. Louis as compared to the state of Missouri, other counties or Healthy People 2020 national health targets
- Health issues for which trends are worsening

A two-step prioritization process is utilized. Step one of this process focuses on community-specific criteria that are rated by community members to evaluate the identified needs. This step is subjective and measures community member's perceptions of the identified needs using a strongly agree to strongly disagree 5-point Likert scale. Once the community has evaluated their needs based on their perceptions, step two is that this list is sorted in descending order by priority and then reviewed by your internal prioritization team using system feasibility criteria. The internal criteria are more objective and focus on alignment to key strategies, resources, magnitude of issue and overall capability. Based on internal prioritization, the top ranking priorities establish the areas of focus for the Strategic Implementation Plan.

In addition, "social determinants of health," or factors in the community that can either contribute to poor health outcomes or support a healthy community are considered. This data is available on the at www.thinkhealthstl.org, www.countyhealthrankings.org and Health Communities Institute.

Search this site



HEALTH DATA

ST. LOUIS CITY

ST. LOUIS COUNTY

REGIONAL EFFORTS







RESOURCES







Home > Community Dashboard > All Data




Search for Indicators

All Data

St. Louis

	VALUE	COMPARED TO:		
Adults with Health Insurance	90.1% (2016)	 MO Counties	 U.S. Counties	 MO Value (87.2%)
		 Prior Value (90.3%)	 Trend	 HP 2020 Target (100.0%)

Children with Health Insurance	96.8% (2016)	 U.S. Counties	 MO Value (95.5%)	 US Value (95.5%)
		 Prior Value (96.7%)	 Trend	 HP 2020 Target (100.0%)

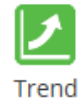
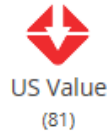
Medicare Healthcare Costs	9,883 Dollars per enrollee (2015)	 MO Value (9,750)	 US Value (9,729)	 Prior Value (9,610)
---------------------------	---	--	--	---

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

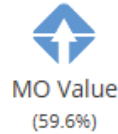
Non-Physician Primary Care Provider Rate

75
Providers per 100,000 population
(2017)



Persons with Private Health Insurance Only

66.7%
(2016)



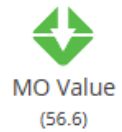
Persons with Public Health Insurance Only

15.3%
(2016)



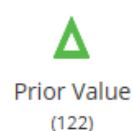
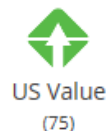
Preventable Hospital Stays: Medicare Population

46.8
Discharges per 1,000 Medicare enrollees
(2015)



Primary Care Provider Rate

123
Providers per 100,000 population
(2015)

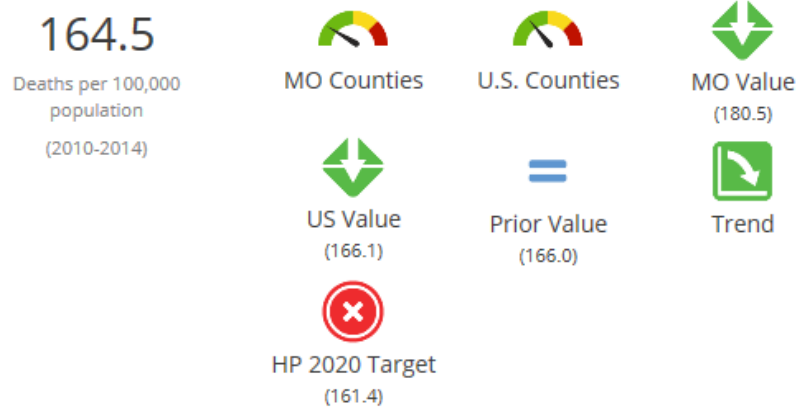


Health / Cancer

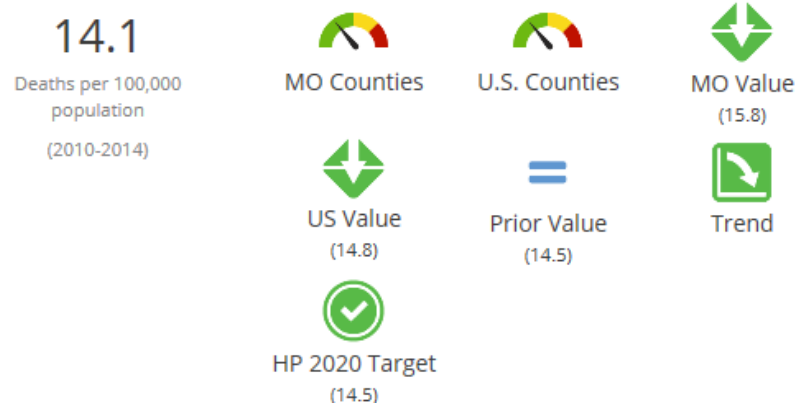
Age-Adjusted Death Rate due to Breast Cancer



Age-Adjusted Death Rate due to Cancer



Age-Adjusted Death Rate due to Colorectal Cancer

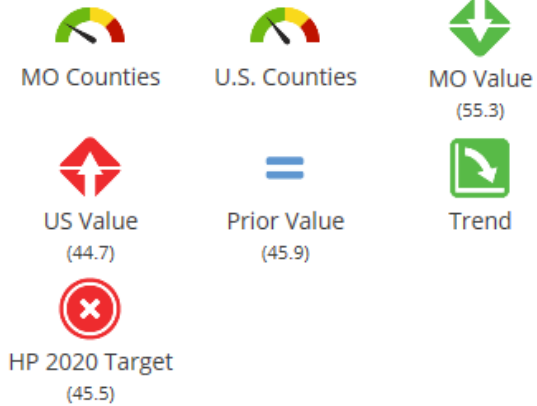


Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Age-Adjusted Death Rate due to Lung Cancer

46.0
Deaths per 100,000 population
(2010-2014)



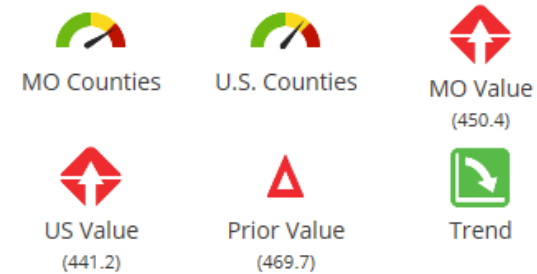
Age-Adjusted Death Rate due to Prostate Cancer

16.3
Deaths per 100,000 males
(2010-2014)



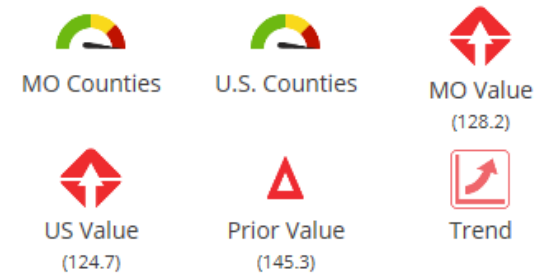
All Cancer Incidence Rate

470.3
Cases per 100,000 population
(2011-2015)



Breast Cancer Incidence Rate

146.4
Cases per 100,000 females
(2011-2015)

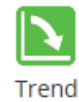
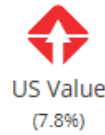
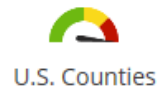


Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

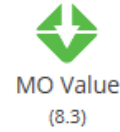
Cancer: Medicare Population

9.7%
(2015)



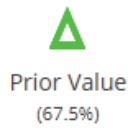
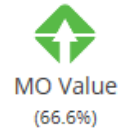
Cervical Cancer Incidence Rate

6.7
Cases per 100,000
females
(2011-2015)



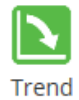
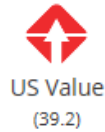
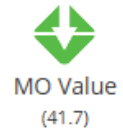
Colon Cancer Screening: Sigmoidoscopy or Colonoscopy

70.8%
(2011)



Colorectal Cancer Incidence Rate

41.1
Cases per 100,000
population
(2011-2015)

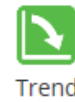
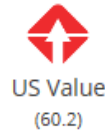
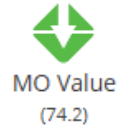


Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

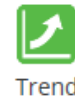
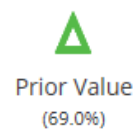
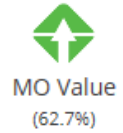
Lung and Bronchus Cancer Incidence Rate

64.1
Cases per 100,000 population
(2011-2015)



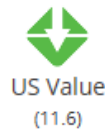
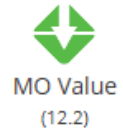
Mammography Screening: Medicare Population

70.2%
(2015)



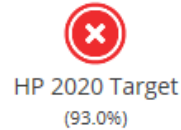
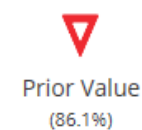
Oral Cavity and Pharynx Cancer Incidence Rate

11.4
Cases per 100,000 population
(2011-2015)



Pap Test in Past 3 Years

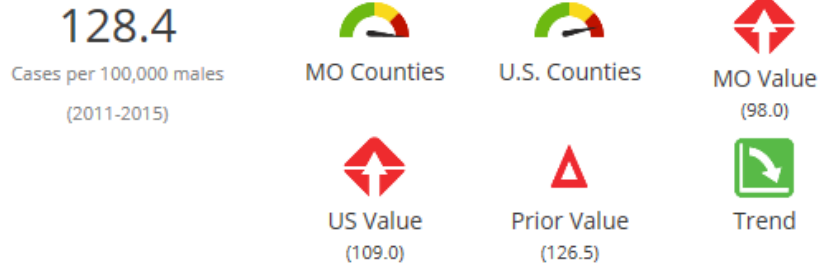
79.4%
(2011)









Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org


















Prostate Cancer Incidence Rate



Health / County Health Rankings

	VALUE	COMPARED TO:
Clinical Care Ranking	<p>2</p> <p>(2018)</p>	 <p>MO Counties</p>
Health Behaviors Ranking	<p>2</p> <p>(2018)</p>	 <p>MO Counties</p>
Morbidity Ranking	<p>11</p> <p>(2018)</p>	 <p>MO Counties</p>
Mortality Ranking	<p>24</p> <p>(2018)</p>	 <p>MO Counties</p>
Physical Environment Ranking	<p>112</p> <p>(2018)</p>	 <p>MO Counties</p>
Social and Economic Factors Ranking	<p>17</p> <p>(2018)</p>	 <p>MO Counties</p>

Health / Diabetes

	VALUE	COMPARED TO:		
Adults 20+ with Diabetes	<p>11.6%</p> <p>(2014)</p>	 <p>MO Counties</p>	 <p>U.S. Counties</p>	 <p>MO Value (11.3%)</p>
		 <p>US Value (10.0%)</p>	 <p>Prior Value (10.8%)</p>	 <p>Trend</p>
Age-Adjusted Death Rate due to Diabetes	<p>15.7</p> <p>Deaths per 100,000 population (2011-2015)</p>	 <p>MO Counties</p>	 <p>MO Value (19.9)</p>	 <p>US Value (21.2)</p>
		 <p>Prior Value (16.0)</p>	 <p>Trend</p>	
Age-Adjusted ER Rate due to Diabetes	<p>17.9</p> <p>ER visits per 10,000 population 18+ years (2012-2014)</p>	 <p>St. Louis City Value (35.3)</p>	 <p>Prior Value (17.9)</p>	
Age-Adjusted ER Rate due to Long-Term Complications of Diabetes	<p>5.8</p> <p>ER visits per 10,000 population 18+ years (2012-2014)</p>	 <p>St. Louis City Value (11.4)</p>	 <p>Prior Value (6.1)</p>	
Age-Adjusted ER Rate due to Short-Term Complications of Diabetes	<p>0.9</p> <p>ER visits per 10,000 population 18+ years (2012-2014)</p>	 <p>St. Louis City Value (1.8)</p>	 <p>Prior Value (0.8)</p>	

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to Uncontrolled Diabetes

1.3
ER visits per 10,000 population 18+ years
(2012-2014)


St. Louis City Value
(2.3)


Prior Value
(1.2)

Age-Adjusted Hospitalization Rate due to Diabetes

24.3
Hospitalizations per 10,000 population 18+ years
(2012-2014)


St. Louis City Value
(43.6)


Prior Value
(24.6)

Age-Adjusted Hospitalization Rate due to Long-Term Complications of Diabetes

12.9
Hospitalizations per 10,000 population 18+ years
(2012-2014)


St. Louis City Value
(23.3)


Prior Value
(13.1)

Age-Adjusted Hospitalization Rate due to Short-Term Complications of Diabetes

8.6
Hospitalizations per 10,000 population 18+ years
(2012-2014)



St. Louis City Value
(14.7)


Prior Value
(8.3)

Age-Adjusted Hospitalization Rate due to Uncontrolled Diabetes

2.1
Hospitalizations per 10,000 population 18+ years
(2012-2014)


St. Louis City Value
(4.3)



Prior Value
(2.5)


Diabetes: Medicare Population

24.8%
(2015)


MO Counties


U.S. Counties


MO Value
(25.8%)


US Value
(26.5%)


Prior Value
(24.8%)


Trend

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Diabetic Monitoring: Medicare Population


86.0%
(2015)


 MO Counties

 U.S. Counties

 MO Value
(86.3%)

 US Value
(85.7%)

 Prior Value
(85.0%)

 Trend


Health / Disabilities

Persons with a Cognitive Difficulty (5-year)

VALUE
4.8%
(2012-2016)

COMPARED TO:

 MO Value
(5.9%)


 US Value
(5.0%)

Persons with a Disability

12.1%
(2016)

 MO Value
(14.6%)

 US Value
(12.8%)

 Prior Value
(11.7%)

 Trend

Persons with a Disability (5-year)

11.9%
(2012-2016)

 MO Value
(14.4%)

 US Value
(12.5%)

 Prior Value
(11.7%)

 Trend

Persons with a Hearing Difficulty (5-year)










3.0%
(2012-2016)

 MO Value
(4.1%)












 US Value
(3.5%)

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Persons with a Self-Care Difficulty (5-year)	2.5% (2012-2016)	 MO Value (2.8%)	 US Value (2.7%)	
Persons with a Vision Difficulty (5-year)	1.9% (2012-2016)	 MO Value (2.5%)	 US Value (2.3%)	
Persons with an Ambulatory Difficulty (5-year)	6.6% (2012-2016)	 MO Value (8.2%)	 US Value (7.0%)	
Persons with Disability Living in Poverty (5-year)	20.5% (2012-2016)	 MO Counties	 MO Value (29.5%)	 US Value (27.6%)

Health / Exercise, Nutrition, & Weight

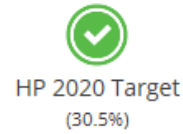
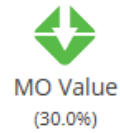
	VALUE	COMPARED TO:		
Adult Fruit and Vegetable Consumption	13.3% (2011)	 MO Counties	 MO Value (12.5%)	 US Value (23.4% in 2009)
		 Prior Value (24.5%)		
Adults 20+ who are Sedentary	22.7% (2014)	 MO Counties	 U.S. Counties	 MO Value (25.8%)
		 US Value (23.0%)	 Prior Value (23.0%)	 Trend
		 HP 2020 Target (32.6%)		

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

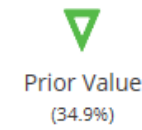
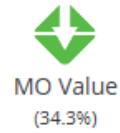
Adults who are Obese

28.2%
(2011)



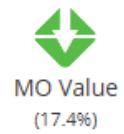
Adults who are Overweight

32.6%
(2011)



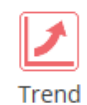
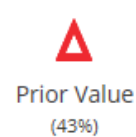
Child Food Insecurity Rate

14.8%
(2016)



Food Insecure Children Likely Ineligible for Assistance

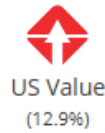
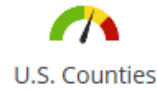
45%
(2016)



St. Louis County Health Dashboard www.thinkhealthstl.org

Food Insecurity Rate

14.7%
(2016)

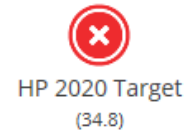
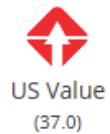
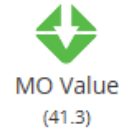


Health / Heart Disease & Stroke

Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)

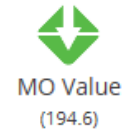
VALUE
38.0
Deaths per 100,000 population
(2011-2015)

COMPARED TO:



Age-Adjusted Death Rate due to Heart Disease

176.1
Deaths per 100,000 population
(2011-2015)



Age-Adjusted ER Rate due to Heart Failure

3.5
ER visits per 10,000 population 18+ years
(2012-2014)



Age-Adjusted ER Rate due to Hypertension

30.2
ER visits per 10,000 population 18+ years
(2012-2014)



Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Age-Adjusted Hospitalization Rate due to Heart Failure

44.7
Hospitalizations per
10,000 population 18+
years
(2012-2014)


St. Louis City
Value
(67.2)


Prior Value
(44.7)

Age-Adjusted Hospitalization Rate due to Hypertension

6.3
Hospitalizations per
10,000 population 18+
years
(2012-2014)



St. Louis City
Value
(16.9)


Prior Value
(6.7)


Atrial Fibrillation: Medicare Population

9.0%
(2015)


MO Counties


U.S. Counties


MO Value
(8.1%)


US Value
(8.1%)


Prior Value
(8.9%)


Trend

Heart Failure: Medicare Population

15.2%
(2015)


MO Counties


U.S. Counties


MO Value
(13.7%)




























US Value
(13.5%)


Prior Value
(14.8%)


Trend

Appendix

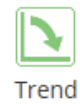
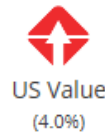
St. Louis County Health Dashboard www.thinkhealthstl.org

High Blood Pressure Prevalence	<p>31.9% (2011)</p>	 MO Counties	 MO Value (32.6%)	 US Value (30.9% in 2015)
		 Prior Value (17.5%)	 HP 2020 Target (26.9%)	
High Cholesterol Prevalence: Adults 35+	<p>39.9% (2011)</p>	 MO Counties	 MO Value (42.9%)	 Prior Value (17.9%)
Hyperlipidemia: Medicare Population	<p>44.9% (2015)</p>	 MO Counties	 U.S. Counties	 MO Value (41.8%)
		 US Value (44.6%)	 Prior Value (45.0%)	 Trend
Hypertension: Medicare Population	<p>57.0% (2015)</p>	 MO Counties	 U.S. Counties	 MO Value (54.6%)
		 US Value (55.0%)	 Prior Value (57.1%)	 Trend
Ischemic Heart Disease: Medicare Population	<p>25.8% (2015)</p>	 MO Counties	 U.S. Counties	 MO Value (26.6%)
		 US Value (26.5%)	 Prior Value (26.6%)	 Trend

St. Louis County Health Dashboard www.thinkhealthstl.org

Stroke: Medicare Population

4.4%
(2015)

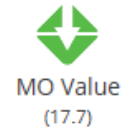


Health / Immunizations & Infectious Diseases

Age-Adjusted Death Rate due to Influenza and Pneumonia

VALUE
16.2
Deaths per 100,000 population
(2011-2015)

COMPARED TO:



Age-Adjusted ER Rate due to Community Acquired Pneumonia

13.3
ER visits per 10,000 population 18+ years
(2012-2014)



Age-Adjusted ER Rate due to Hepatitis

0.5
ER visits per 10,000 population 18+ years
(2012-2014)



Age-Adjusted ER Rate due to Immunization-Preventable Pneumonia and Influenza

11.7
ER visits per 10,000 population 18+ years
(2012-2014)



Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Age-Adjusted Hospitalization Rate due to Community Acquired Pneumonia

24.1

Hospitalizations per 10,000 population 18+ years
(2012-2014)



St. Louis City Value
(29.3)



Prior Value
(25.6)

Age-Adjusted Hospitalization Rate due to Hepatitis

2.0

Hospitalizations per 10,000 population 18+ years
(2012-2014)



St. Louis City Value
(5.6)



Prior Value
(2.1)

Age-Adjusted Hospitalization Rate due to Immunization-Preventable Pneumonia and Influenza

3.2

Hospitalizations per 10,000 population 18+ years
(2012-2014)



St. Louis City Value
(3.2)



Prior Value
(2.2)

Chlamydia Incidence Rate: Females 15-19

4,119.5

Cases per 100,000 females aged 15-19
(2010-2014)



MO Counties



MO Value
(3,607.0)



US Value
(3,229.0)



Prior Value
(4,297.1)



Trend

Health / Maternal, Fetal & Infant Health

Babies with Low Birth Weight

VALUE

9.1%

(2014)

COMPARED TO:



MO Counties



MO Value
(8.2%)



US Value
(8.0%)



Prior Value
(8.9%)



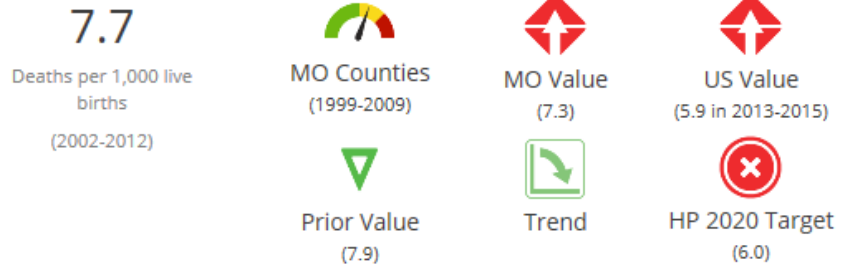
Trend



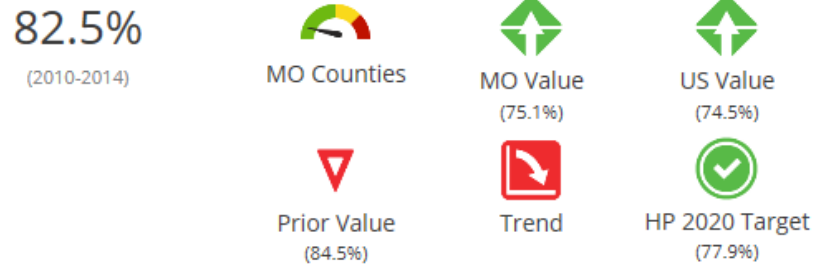
HP 2020 Target
(7.8%)

St. Louis County Health Dashboard www.thinkhealthstl.org

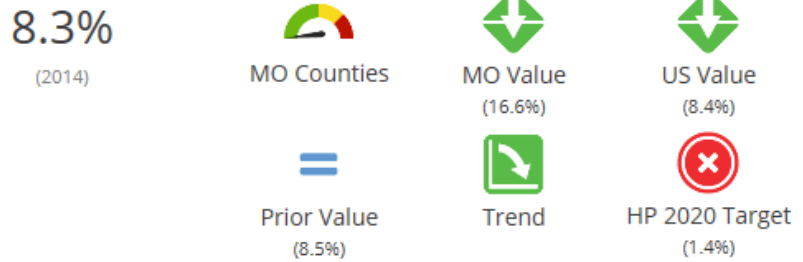
Infant Mortality Rate



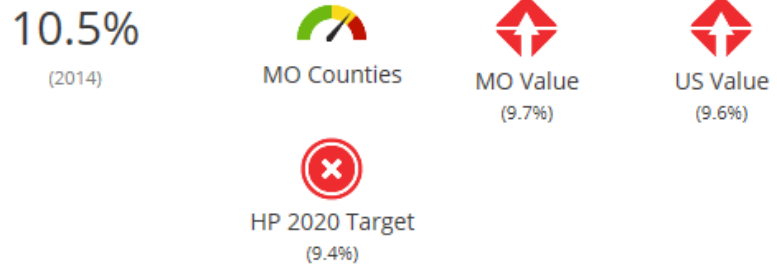
Mothers who Received Early Prenatal Care



Mothers who Smoked During Pregnancy





















Preterm Births



St. Louis County Health Dashboard www.thinkhealthstl.org

Health / Mental Health & Mental Disorders

	VALUE	COMPARED TO:		
Adults with a Mental Health Disorder	<p>134.8</p> <p>Per 10,000 population (2014)</p>	<p></p> <p>Prior Value (128.4)</p>	<p></p> <p>Trend</p>	
Adults with a Mental Health Disorder Except Drug and Alcohol Induced	<p>117.6</p> <p>Per 10,000 population (2014)</p>	<p></p> <p>Prior Value (110.4)</p>	<p></p> <p>Trend</p>	
Adults with a Mood or Depressive Disorder	<p>76.6</p> <p>Per 10,000 population (2014)</p>	<p></p> <p>Prior Value (71.4)</p>	<p></p> <p>Trend</p>	
Adults with a Schizophrenic Disorder	<p>27.3</p> <p>Per 10,000 population (2014)</p>	<p></p> <p>Prior Value (25.8)</p>	<p></p> <p>Trend</p>	
Age-Adjusted Death Rate due to Suicide	<p>12.8</p> <p>Deaths per 100,000 population (2011-2015)</p>	<p></p> <p>MO Counties (2005-2009)</p>	<p></p> <p>MO Value (15.7)</p>	<p></p> <p>US Value (12.8)</p>
		<p></p> <p>Prior Value (12.7)</p>	<p></p> <p>Trend</p>	<p></p> <p>HP 2020 Target (10.2)</p>
Age-Adjusted ER Rate due to Adolescent Suicide and Intentional Self-inflicted Injury	<p>35.7</p> <p>ER visits per 10,000 population aged 12-17 (2012-2014)</p>	<p></p> <p>St. Louis City Value (57.2)</p>	<p></p> <p>Prior Value (34.5)</p>	
Age-Adjusted ER Rate due to Mental Health	<p>75.8</p> <p>ER visits per 10,000 population 18+ years (2012-2014)</p>	<p></p> <p>St. Louis City Value (131.9)</p>	<p></p> <p>Prior Value (76.1)</p>	

St. Louis County Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to Pediatric Mental Health

53.3
ER visits per 10,000
population under 18
years
(2012-2014)



St. Louis City
Value
(78.1)



Prior Value
(51.1)

Age-Adjusted ER Rate due to Suicide and Intentional Self-inflicted Injury

16.3
ER visits per 10,000
population 18+ years
(2012-2014)



St. Louis City
Value
(48.5)



Prior Value
(17.0)

Age-Adjusted Hospitalization Rate due to Adolescent Suicide and Intentional Self-inflicted Injury

85.0
Hospitalizations per
10,000 population aged
12-17
(2012-2014)



St. Louis City
Value
(61.2)



Prior Value
(70.7)

Age-Adjusted Hospitalization Rate due to Mental Health

110.4
Hospitalizations per
10,000 population 18+
years
(2012-2014)



St. Louis City
Value
(188.3)



Prior Value
(109.7)

Age-Adjusted Hospitalization Rate due to Pediatric Mental Health

62.2
Hospitalizations per
10,000 population under
18 years
(2012-2014)



St. Louis City
Value
(55.5)



Prior Value
(58.8)

Age-Adjusted Hospitalization Rate due to Suicide and Intentional Self-inflicted Injury

58.6
Hospitalizations per
10,000 population 18+
years
(2012-2014)



St. Louis City
Value
(103.8)



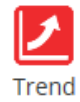
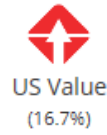
Prior Value
(53.5)

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

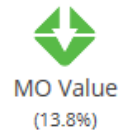
Depression: Medicare Population

20.6%
(2015)



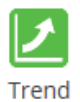
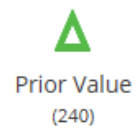
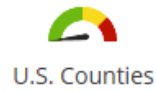
Frequent Mental Distress

11.3%
(2016)



Mental Health Provider Rate

258
Providers per 100,000
population
(2017)

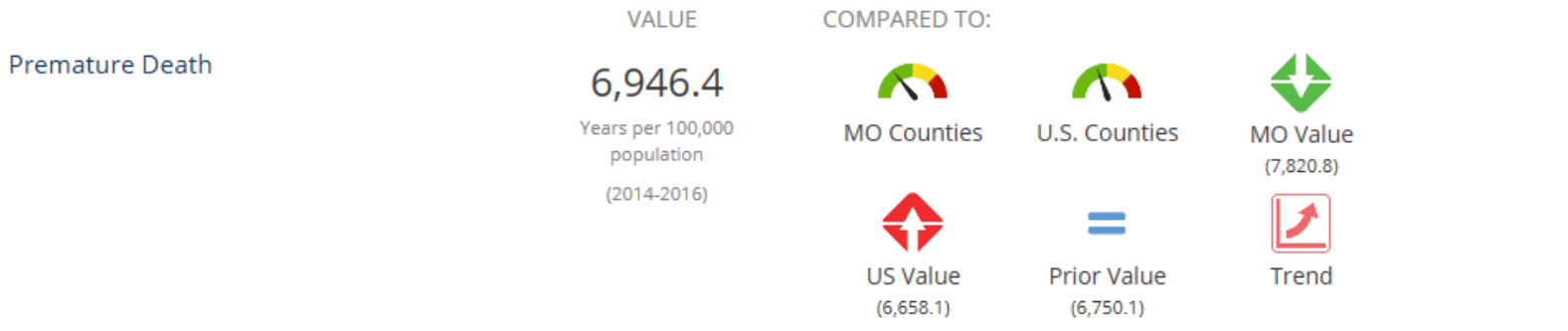


Poor Mental Health: Average Number of Days

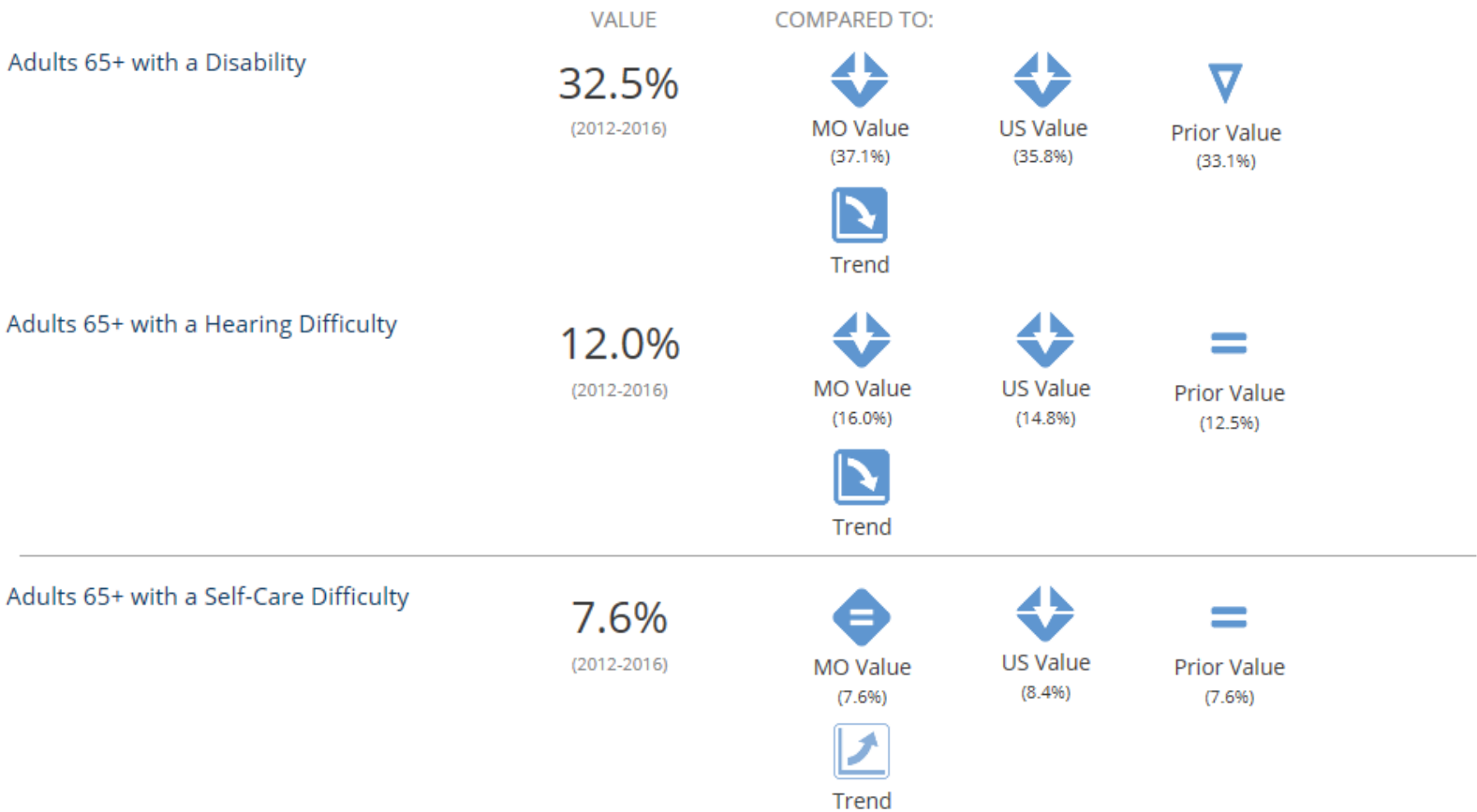
3.8
Days
(2016)



Health / Mortality Data



Health / Older Adults & Aging



Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Adults 65+ with a Vision Difficulty

5.1%

(2012-2016)



MO Value
(6.7%)



US Value
(6.6%)



Prior Value
(5.4%)



Trend

Adults 65+ with an Independent Living Difficulty

15.1%

(2012-2016)



MO Value
(14.4%)



US Value
(15.2%)



Prior Value
(15.5%)



Trend

Age-Adjusted Death Rate due to Alzheimer's Disease

22.0

Deaths per 100,000 population
(2011-2015)



MO Counties



MO Value
(27.3)



US Value
(25.4)



Prior Value
(20.0)



Trend

Alzheimer's Disease or Dementia: Medicare Population

11.6%

(2015)



MO Counties



U.S. Counties



MO Value
(10.2%)



US Value
(9.9%)

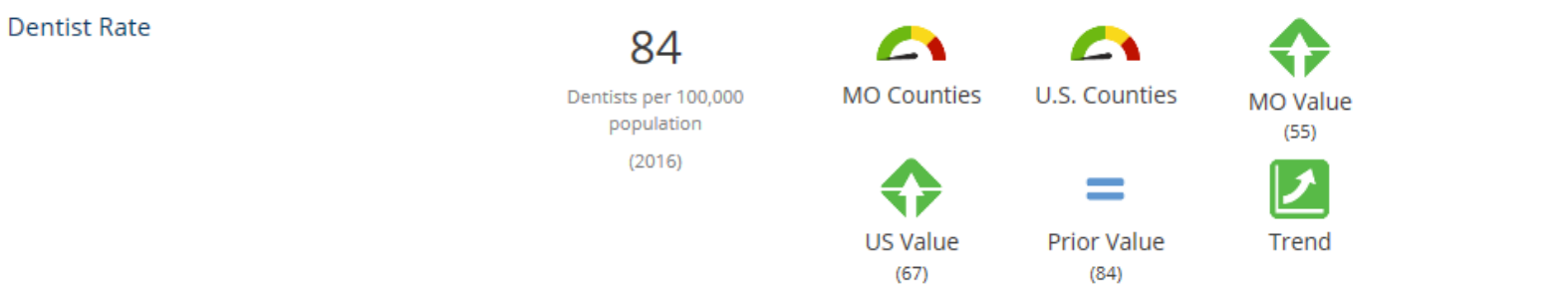
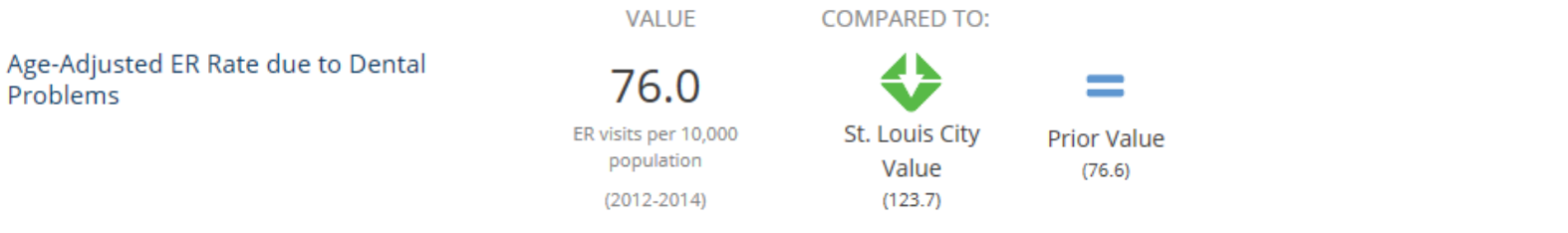


Prior Value
(11.4%)

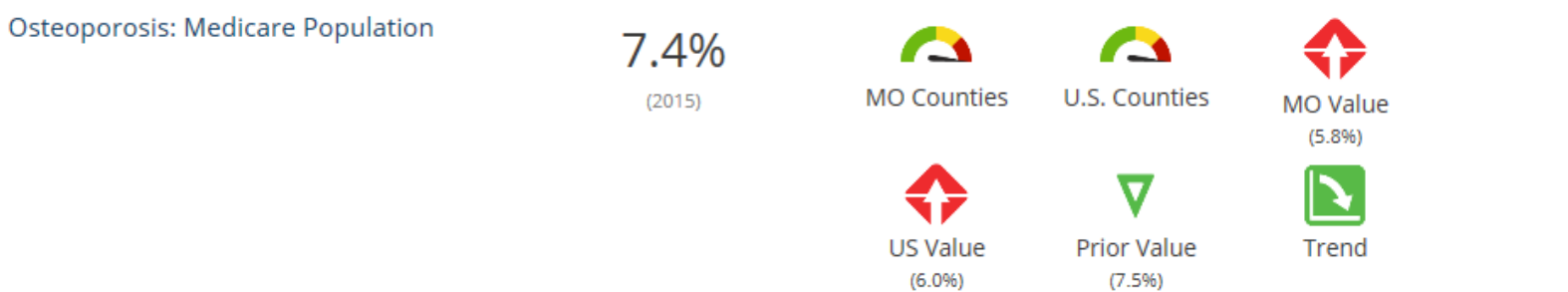
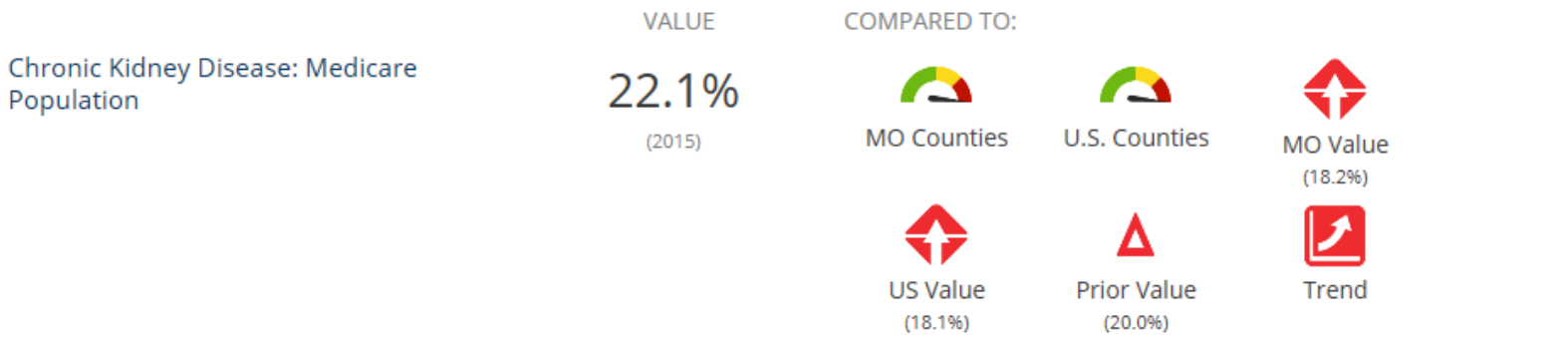


Trend

Health / Oral Health



Health / Other Chronic Diseases



St. Louis County Health Dashboard www.thinkhealthstl.org

Rheumatoid Arthritis or Osteoarthritis:
Medicare Population

34.6%
(2015)



MO Counties



U.S. Counties




MO Value
(32.3%)



US Value
(30.0%)



Prior Value
(33.5%)



Trend

Health / Other Conditions

Age-Adjusted ER Rate due to Dehydration

VALUE

13.0

ER visits per 10,000
population 18+ years
(2012-2014)

COMPARED TO:



St. Louis City
Value
(13.8)



Prior Value
(12.0)

Age-Adjusted ER Rate due to Urinary
Tract Infections

82.9

ER visits per 10,000
population 18+ years
(2012-2014)



St. Louis City
Value
(102.1)



Prior Value
(74.7)

Age-Adjusted Hospitalization Rate due to
Dehydration

16.5

Hospitalizations per
10,000 population 18+
years
(2012-2014)



St. Louis City
Value
(22.2)



Prior Value
(18.2)

Age-Adjusted Hospitalization Rate due to
Urinary Tract Infections

18.6

Hospitalizations per
10,000 population 18+
years
(2012-2014)



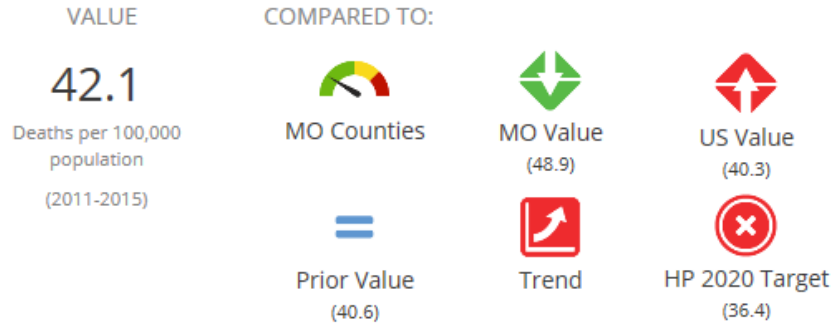
St. Louis City
Value
(22.9)



Prior Value
(19.9)

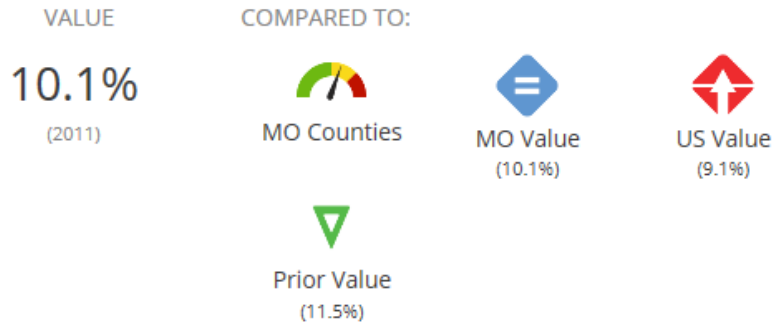
Health / Prevention & Safety

Age-Adjusted Death Rate due to Unintentional Injuries

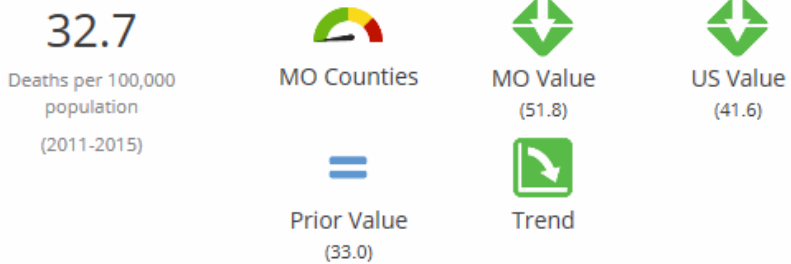


Health / Respiratory Diseases

Adults with Current Asthma



Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases



Age-Adjusted ER Rate due to Adult Asthma

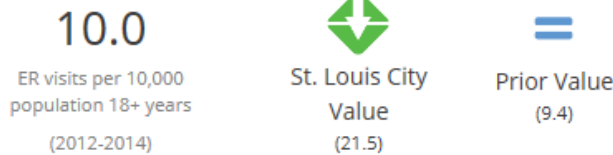


Age-Adjusted ER Rate due to Asthma



St. Louis County Health Dashboard www.thinkhealthstl.org

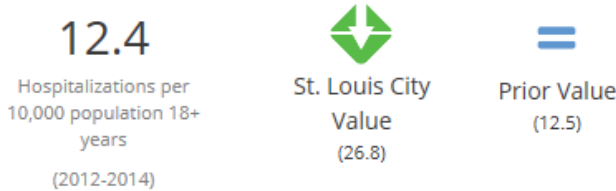
Age-Adjusted ER Rate due to COPD



Age-Adjusted ER Rate due to Pediatric Asthma



Age-Adjusted Hospitalization Rate due to Adult Asthma



Age-Adjusted Hospitalization Rate due to Asthma



Age-Adjusted Hospitalization Rate due to COPD



Age-Adjusted Hospitalization Rate due to Pediatric Asthma

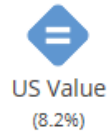
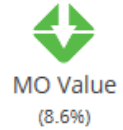
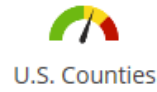


Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

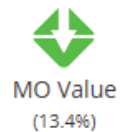
Asthma: Medicare Population

8.2%
(2015)



COPD: Medicare Population

10.0%
(2015)

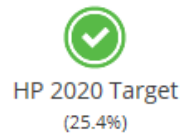


Health / Substance Abuse

Adults who Drink Excessively

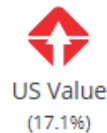
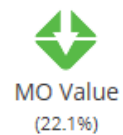
VALUE
19.7%
(2016)

COMPARED TO:



Adults who Smoke

18.4%
(2016)















Age-Adjusted ER Rate due to Alcohol Abuse

22.0
ER visits per 10,000
population 18+ years
(2012-2014)








Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to Substance Abuse	17.9 ER visits per 10,000 population 18+ years (2012-2014)	 St. Louis City Value (39.9)	 Prior Value (18.2)	
Age-Adjusted Hospitalization Rate due to Alcohol Abuse	12.9 Hospitalizations per 10,000 population 18+ years (2012-2014)	 St. Louis City Value (21.9)	 Prior Value (12.7)	
Age-Adjusted Hospitalization Rate due to Substance Abuse	11.2 Hospitalizations per 10,000 population 18+ years (2012-2014)	 St. Louis City Value (27.8)	 Prior Value (12.1)	
Death Rate due to Drug Poisoning	20.7 Deaths per 100,000 population (2014-2016)	 MO Counties (2006-2012)	 U.S. Counties	 MO Value (19.2)
		 US Value (16.9)	 Prior Value (17.7)	 Trend

Health / Wellness & Lifestyle

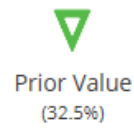
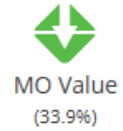
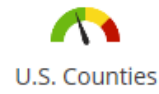
Frequent Physical Distress	VALUE	COMPARED TO:		
	10.9% (2016)	 MO Counties	 U.S. Counties	 MO Value (13.3%)
		 US Value (15.0%)	 Prior Value (10.5%)	

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org

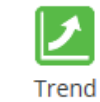
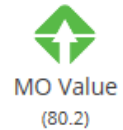
Insufficient Sleep

31.8%
(2016)



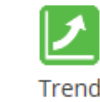
Life Expectancy for Females

81.7
Years
(2014)



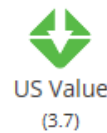
Life Expectancy for Males

77.0
Years
(2014)



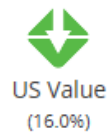
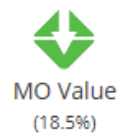
Poor Physical Health: Average Number of Days

3.6
Days
(2016)



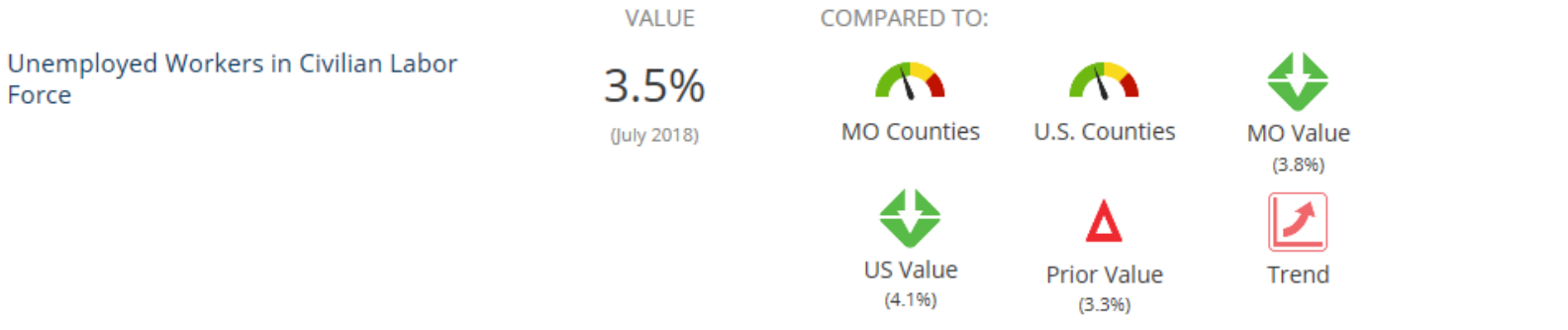
Self-Reported General Health Assessment: Poor or Fair

14.6%
(2016)

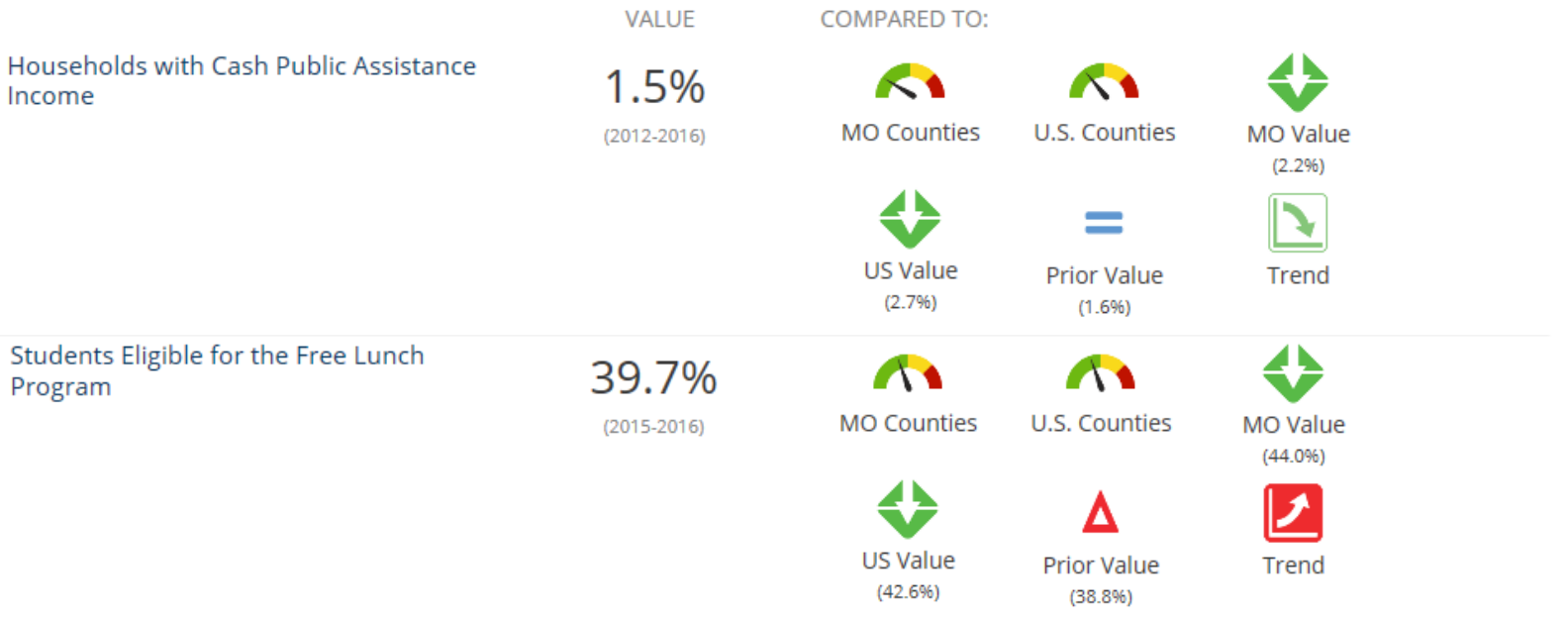


St. Louis County Health Dashboard www.thinkhealthstl.org

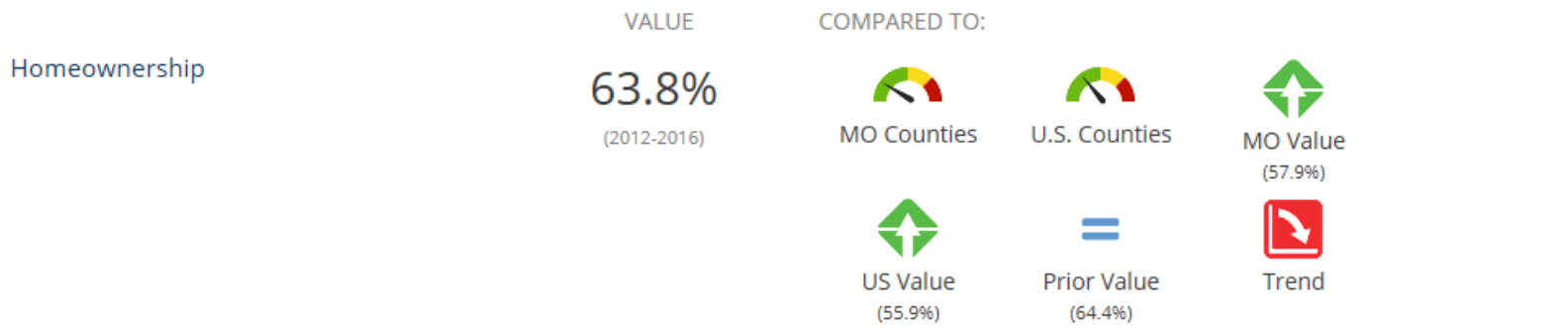
Economy / Employment



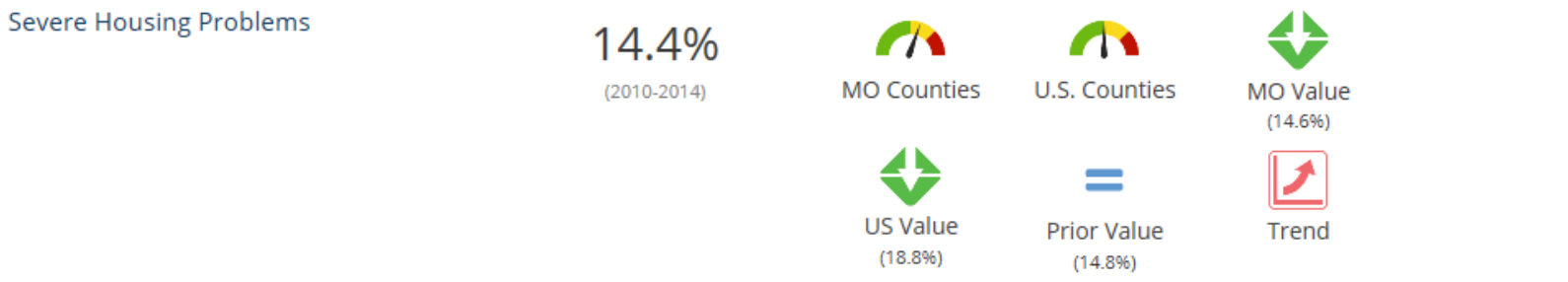
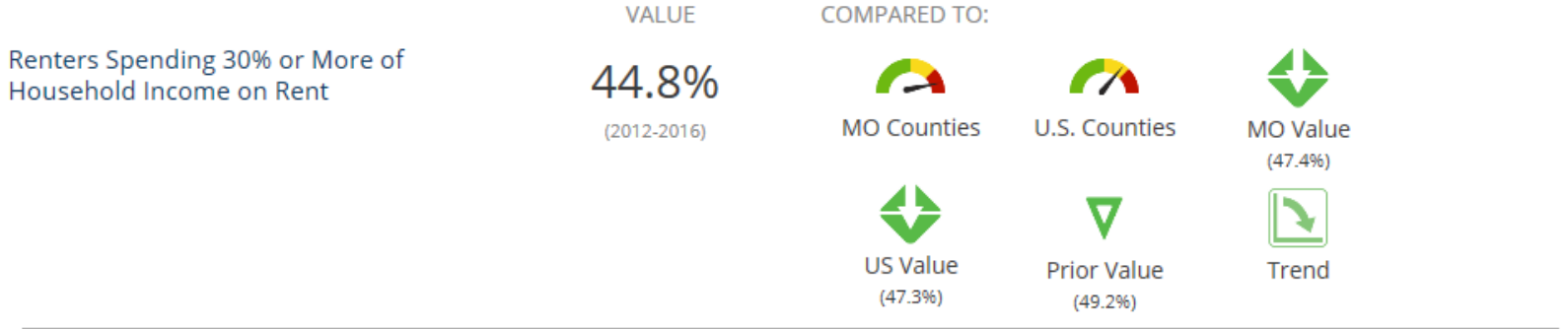
Economy / Government Assistance Programs



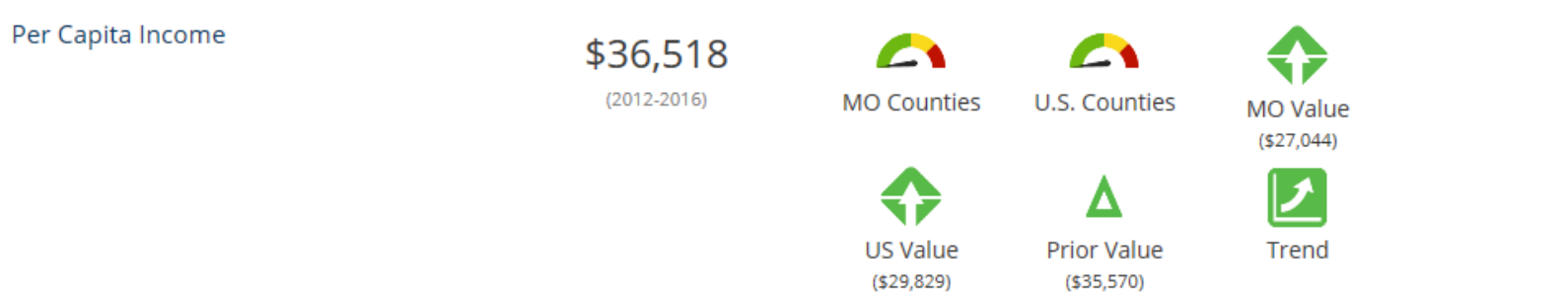
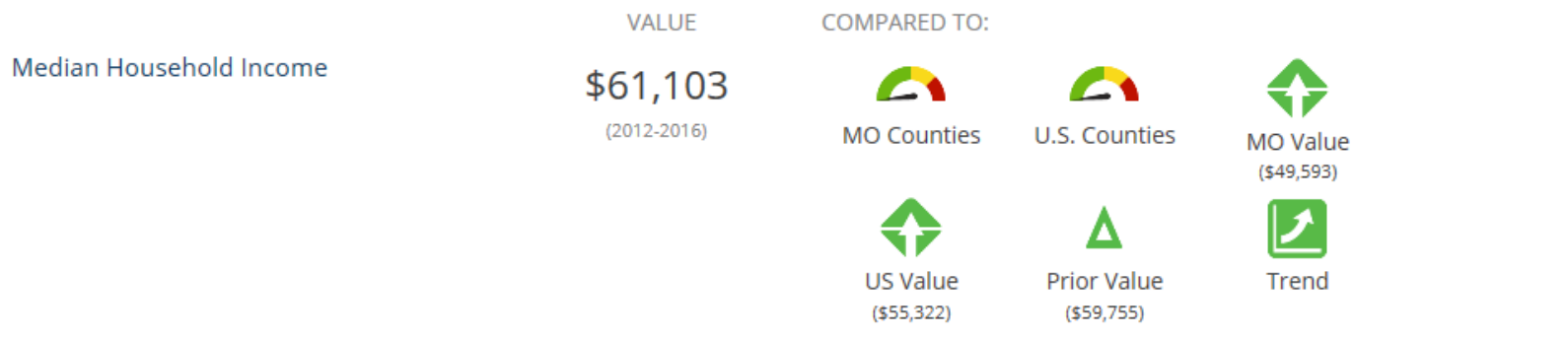
Economy / Homeownership

























Economy / Housing Affordability & Supply



Economy / Income



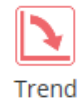
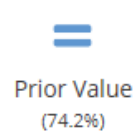
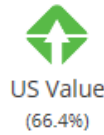
Economy / Poverty

	VALUE	COMPARED TO:		
Children Living Below Poverty Level	15.1% (2012-2016)	 MO Counties	 U.S. Counties	 MO Value (21.1%)
		 US Value (21.2%)	 Prior Value (16.1%)	 Trend
Families Living Below Poverty Level	7.4% (2012-2016)	 MO Counties	 U.S. Counties	 MO Value (10.8%)
		 US Value (11.0%)	 Prior Value (7.9%)	 Trend
Households with Children Receiving SNAP	53.8% (2012-2016)	 MO Value (51.5%)	 US Value (53.0%)	 Prior Value (55.3%)
		 Trend		
People 65+ Living Below Poverty Level	6.2% (2012-2016)	 MO Counties	 U.S. Counties	 MO Value (8.9%)
		 US Value (9.3%)	 Prior Value (6.3%)	 Trend

St. Louis County Health Dashboard www.thinkhealthstl.org

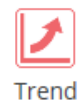
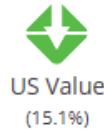
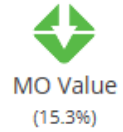
People Living 200% Above Poverty Level

75.0%
(2012-2016)



People Living Below Poverty Level

10.3%
(2012-2016)



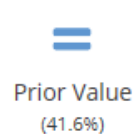
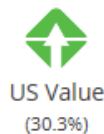
Education / Educational Attainment in Adult Population

VALUE

COMPARED TO:

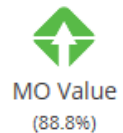
People 25+ with a Bachelor's Degree or Higher

42.4%
(2012-2016)

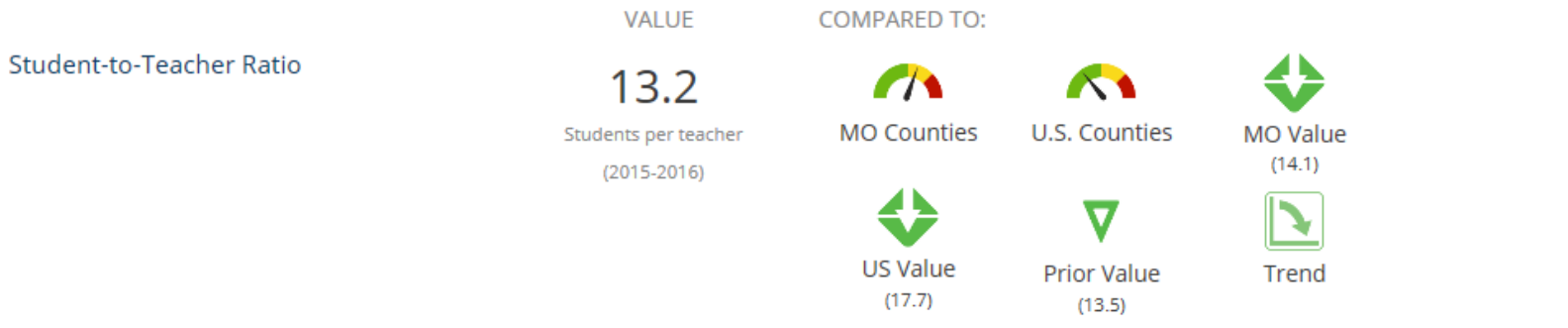


People 25+ with a High School Degree or Higher

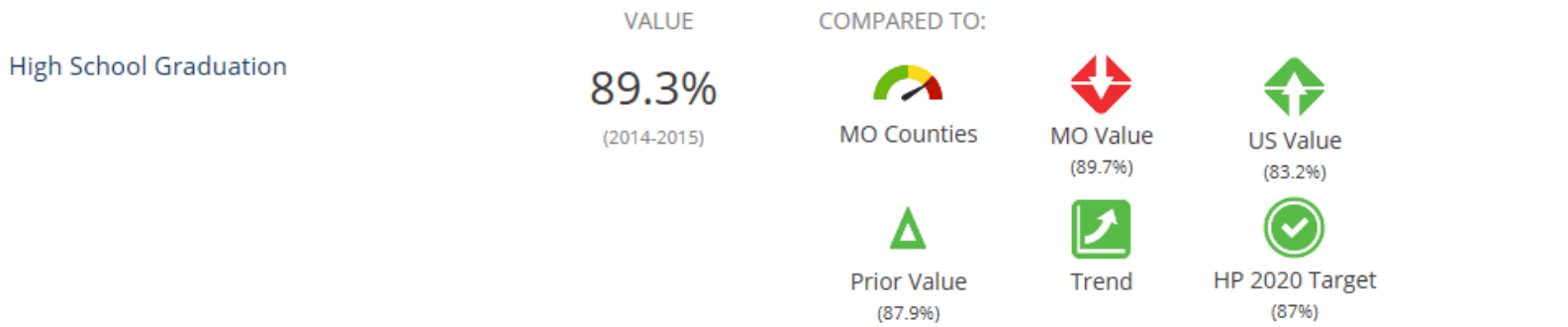
93.0%
(2012-2016)



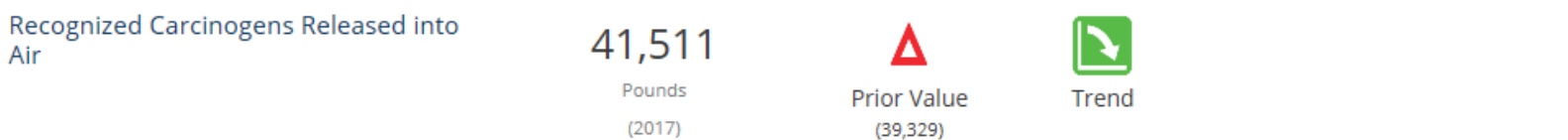
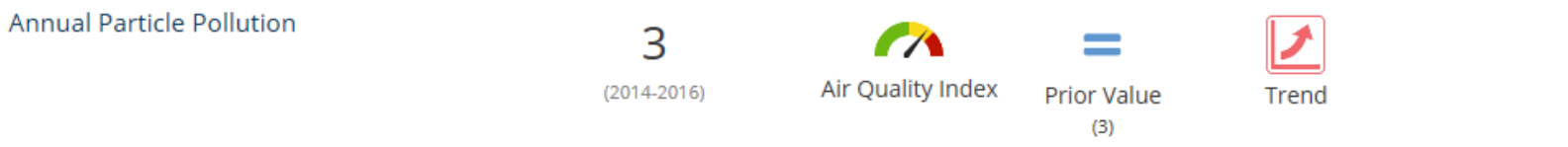
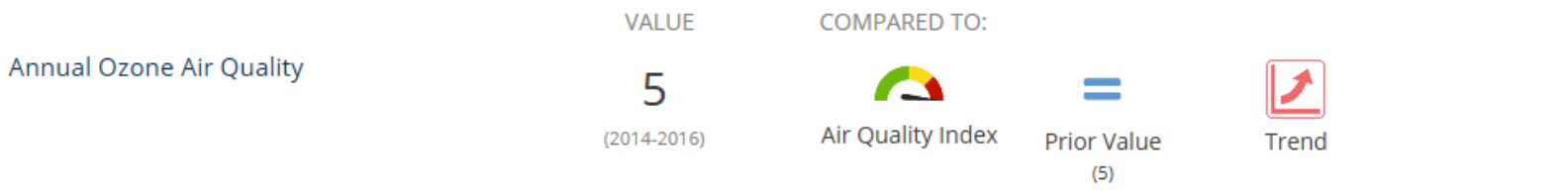
Education / School Resources























Education / Student Performance K-12



Environment / Air




























Environment / Built Environment

	VALUE	COMPARED TO:		
Access to Exercise Opportunities	<p>94.7%</p> <p>(2018)</p>	 MO Counties	 U.S. Counties	 MO Value (77.4%)
		 US Value (83.1%)		
Children with Low Access to a Grocery Store	<p>6.6%</p> <p>(2015)</p>	 MO Counties	 U.S. Counties	 Prior Value (6.5%)
Farmers Market Density	<p>0.02</p> <p>Markets per 1,000 population</p> <p>(2016)</p>	 US Value (0.03)	 Prior Value (0.01)	 Trend
Fast Food Restaurant Density	<p>0.80</p> <p>Restaurants per 1,000 population</p> <p>(2014)</p>	 MO Counties	 U.S. Counties	 Prior Value (0.83)
		 Trend		
Food Environment Index	<p>7.4</p> <p>(2018)</p>	 MO Counties	 U.S. Counties	 MO Value (6.7)
		 US Value (7.7)	 Prior Value (7.0)	 Trend

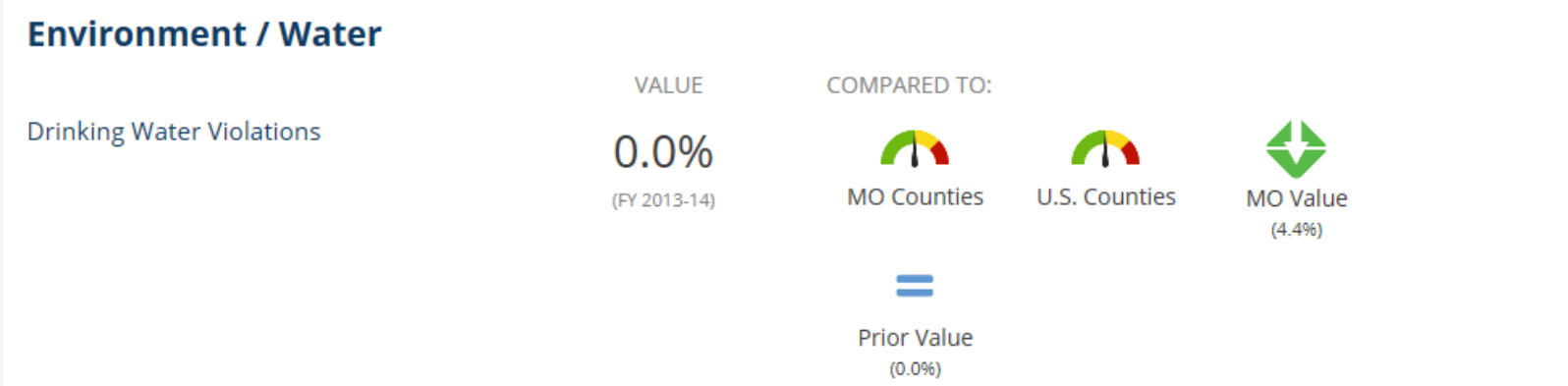
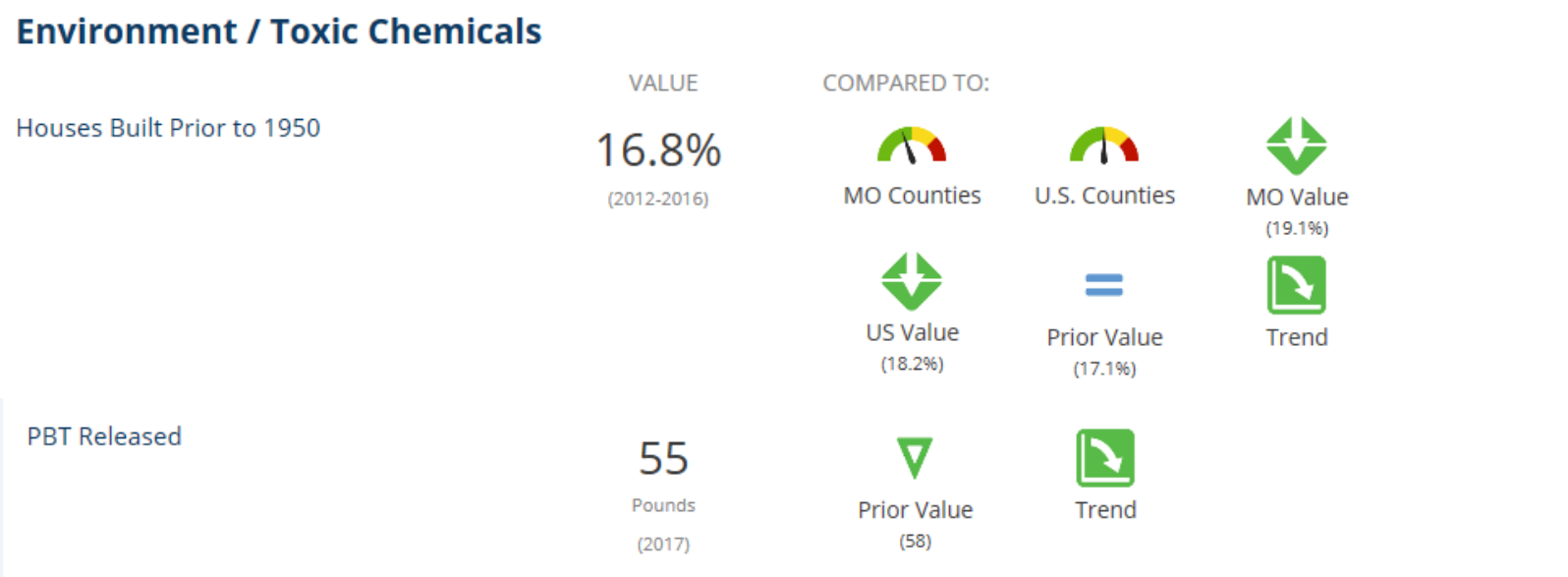
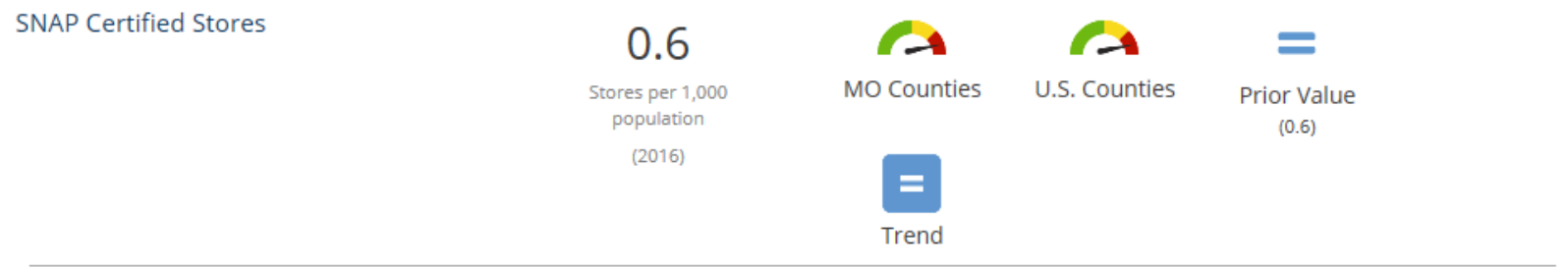
Appendix

St. Louis Health Dashboard www.thinkhealthstl.org

Grocery Store Density	0.18 Stores per 1,000 population (2014)	 MO Counties	 U.S. Counties	 Prior Value (0.19)
		 Trend		
Households with No Car and Low Access to a Grocery Store	1.6% (2015)	 MO Counties	 U.S. Counties	 Prior Value (1.1%)
Liquor Store Density	7.7 Stores per 100,000 population (2015)	 MO Counties	 U.S. Counties	 MO Value (6.3)
		 US Value (10.5)	 Prior Value (7.1)	 Trend
Low-Income and Low Access to a Grocery Store	6.0% (2015)	 MO Counties	 U.S. Counties	 Prior Value (5.0%)
People 65+ with Low Access to a Grocery Store	3.7% (2015)	 MO Counties	 U.S. Counties	 Prior Value (3.8%)
People with Low Access to a Grocery Store	26.8% (2015)	 MO Counties	 U.S. Counties	 Prior Value (26.5%)
Recreation and Fitness Facilities	0.13 Facilities per 1,000 population (2014)	 US Value (0.06)	 Prior Value (0.13)	 Trend

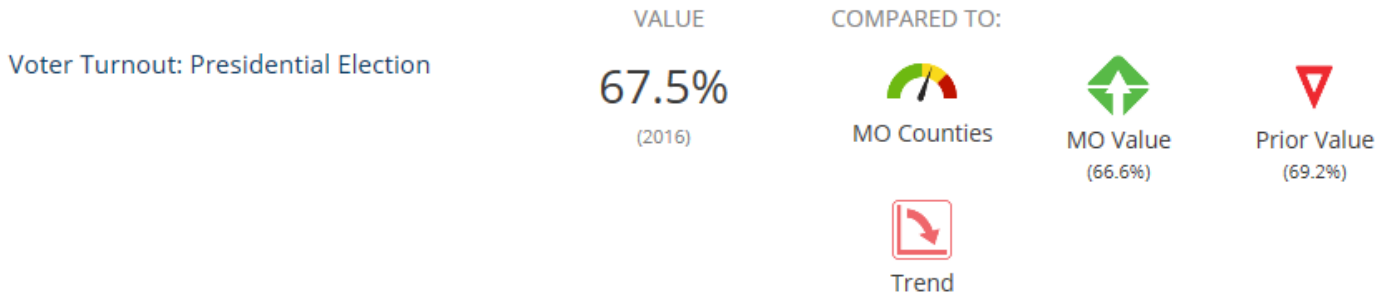
Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org



St. Louis County Health Dashboard www.thinkhealthstl.org

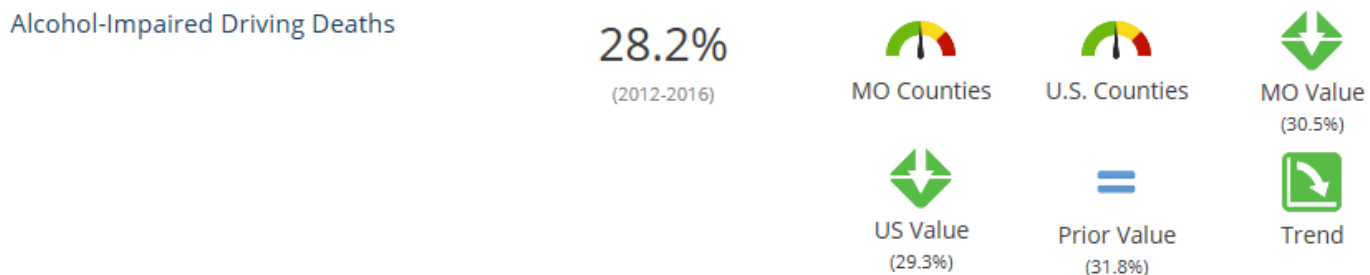
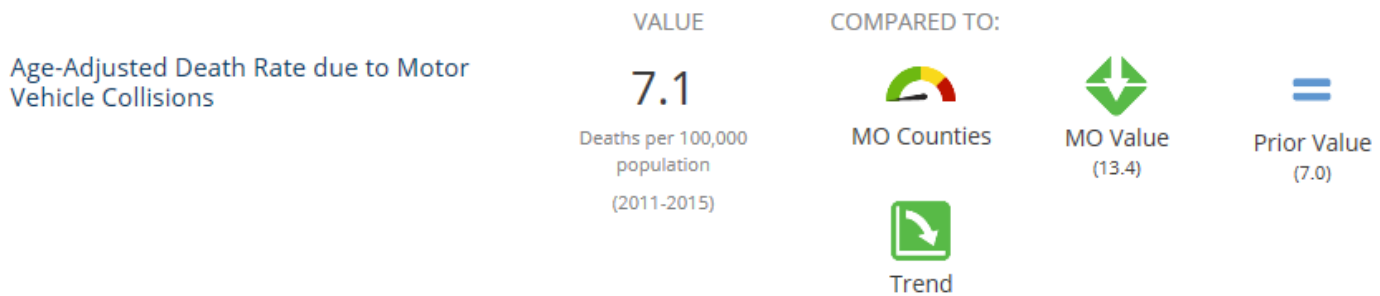
Government & Politics / Elections & Voting



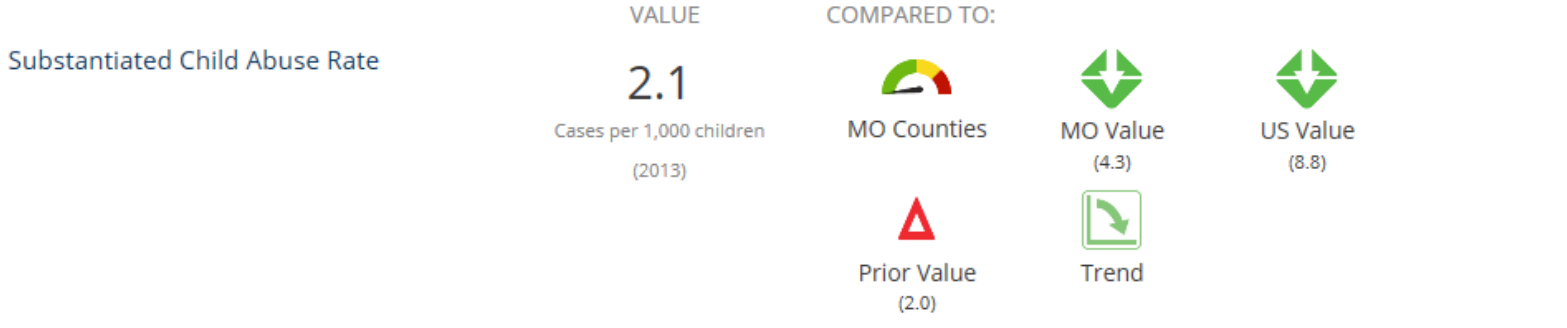
Public Safety / Crime & Crime Prevention



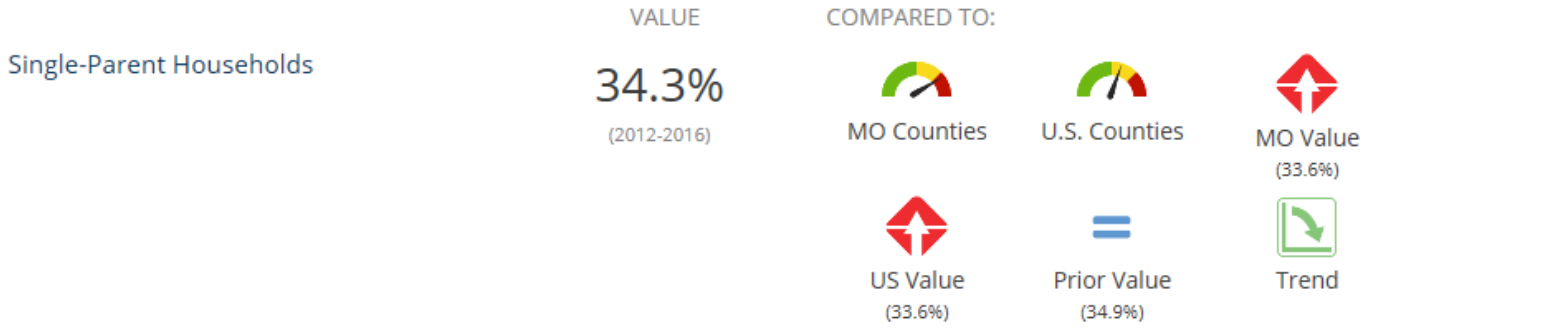
Public Safety / Transportation Safety



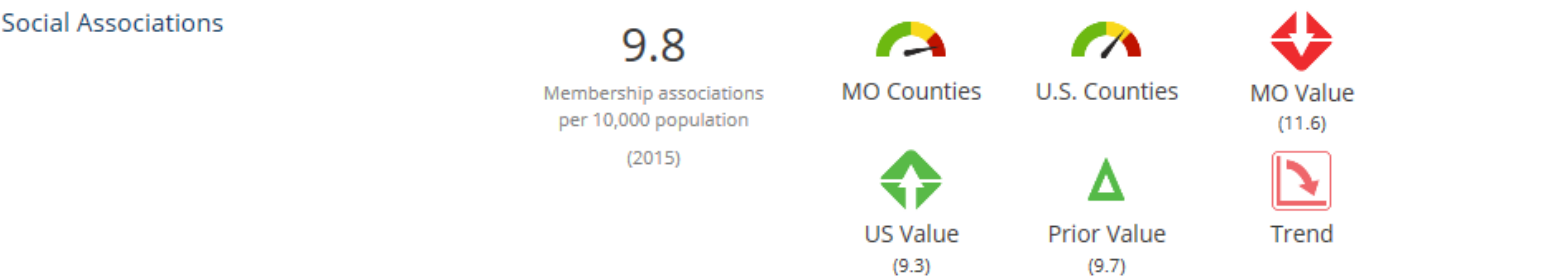
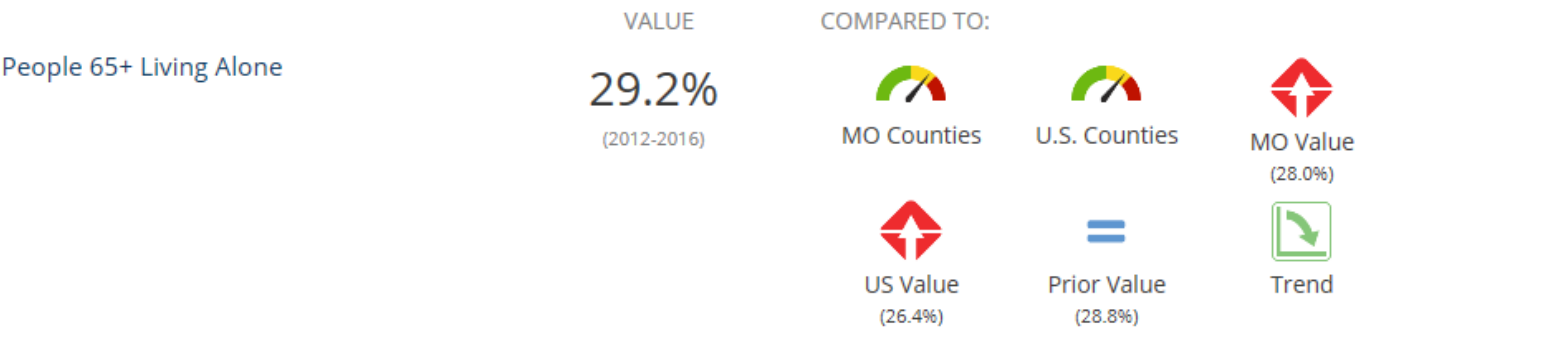
Social Environment / Children's Social Environment




























Social Environment / Family Structure



Social Environment / Neighborhood/Community Attachment



Transportation / Commute To Work

	VALUE	COMPARED TO:		
Mean Travel Time to Work	<p>24.0 Minutes (2012-2016)</p>	 MO Counties	 U.S. Counties	 MO Value (23.4)
		 US Value (26.1)	 Prior Value (23.7)	 Trend
Solo Drivers with a Long Commute	<p>32.0% (2012-2016)</p>	 MO Counties	 U.S. Counties	 MO Value (30.9%)
		 US Value (34.7%)	 Prior Value (31.3%)	 Trend
Workers Commuting by Public Transportation	<p>2.6% (2012-2016)</p>	 MO Counties	 U.S. Counties	 MO Value (1.5%)
		 US Value (5.1%)	 Prior Value (2.6%)	 Trend
		 HP 2020 Target (5.5%)		
Workers who Drive Alone to Work	<p>83.3% (2012-2016)</p>	 MO Counties	 U.S. Counties	 MO Value (81.6%)
		 US Value (76.4%)	 Prior Value (83.5%)	 Trend

Appendix

St. Louis County Health Dashboard www.thinkhealthstl.org


Workers who Walk to Work


1.5%
(2012-2016)

 MO Counties


 U.S. Counties

 MO Value
(1.9%)

 US Value
(2.8%)

 Prior Value
(1.5%)

 Trend

 HP 2020 Target
(3.1%)

Transportation / Personal Vehicle Travel

VALUE


Households without a Vehicle


7.2%
(2012-2016)


COMPARED TO:

 MO Counties

 U.S. Counties

 MO Value
(7.3%)

 US Value
(9.0%)

 Prior Value
(7.3%)

 Trend



HEALTH DATA

ST. LOUIS CITY

ST. LOUIS COUNTY

REGIONAL EFFORTS

RESOURCES

Home > Community Dashboard > All Data













Search for Indicators

All Data

St. Louis City

Turn Colorblind Mode On

Health / Access to Health Services


	VALUE	COMPARED TO:		
Adults with Health Insurance	85.0% (2016)	 MO Counties	 U.S. Counties	 MO Value (87.2%)
		 Prior Value (83.8%)	 Trend	 HP 2020 Target (100.0%)
Children with Health Insurance	96.3% (2016)	 U.S. Counties	 MO Value (95.5%)	 US Value (95.5%)
		 Prior Value (94.0%)	 Trend	 HP 2020 Target (100.0%)

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Medicare Healthcare Costs

10,423
Dollars per enrollee
(2015)


MO Value
(9,750)


US Value
(9,729)


Prior Value
(9,977)


Trend

Non-Physician Primary Care Provider Rate

185
Providers per 100,000
population
(2017)



MO Counties


U.S. Counties


MO Value
(79)


US Value


Prior Value


Trend

Persons with Private Health Insurance Only

52.8%
(2016)


MO Value
(59.6%)


US Value
(56.0%)



Prior Value
(52.6%)


Trend


Persons with Public Health Insurance Only

28.8%
(2016)


MO Value
(19.8%)


US Value
(23.0%)


Prior Value
(27.3%)


Trend

Preventable Hospital Stays: Medicare Population

57.0
Discharges per 1,000
Medicare enrollees
(2015)



MO Counties


U.S. Counties


MO Value
(56.6)


US Value
(49.4)

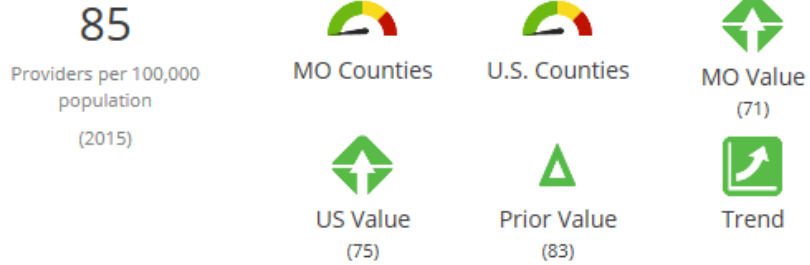

Prior Value
(58.9)


Trend

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Primary Care Provider Rate

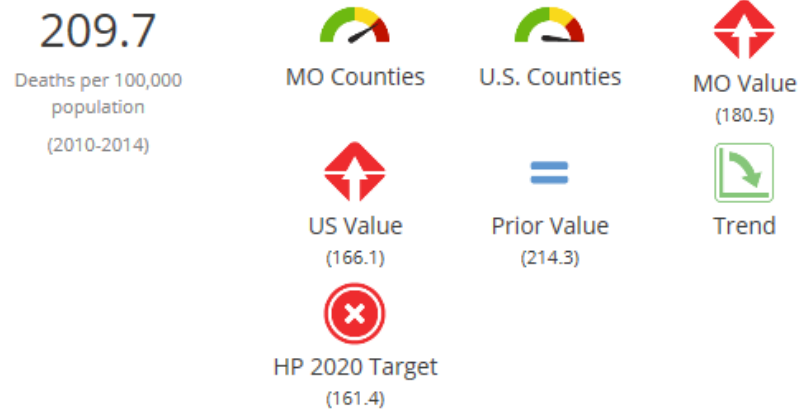


Health / Cancer

Age-Adjusted Death Rate due to Breast Cancer



Age-Adjusted Death Rate due to Cancer

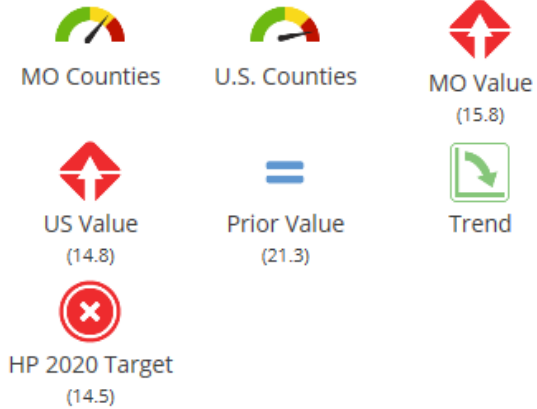


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

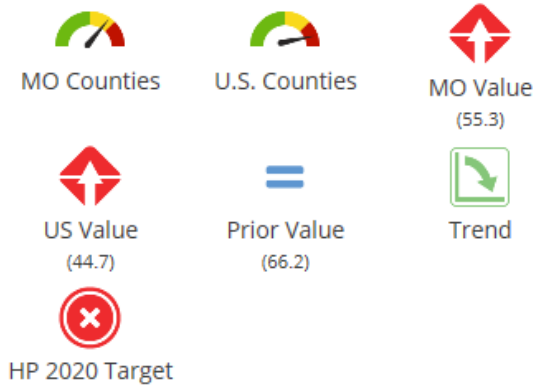
Age-Adjusted Death Rate due to Colorectal Cancer

20.3
Deaths per 100,000 population
(2010-2014)



Age-Adjusted Death Rate due to Lung Cancer

65.2
Deaths per 100,000 population
(2010-2014)



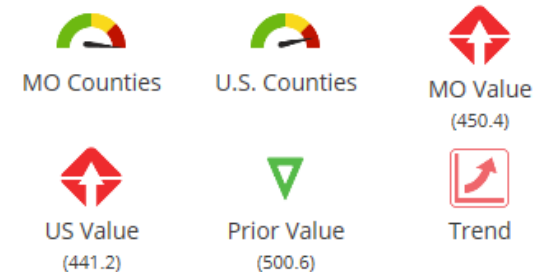
Age-Adjusted Death Rate due to Prostate Cancer

24.2
Deaths per 100,000 males
(2010-2014)



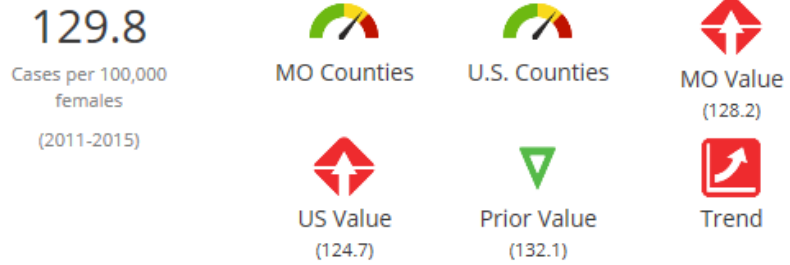
All Cancer Incidence Rate

490.2
Cases per 100,000 population
(2011-2015)

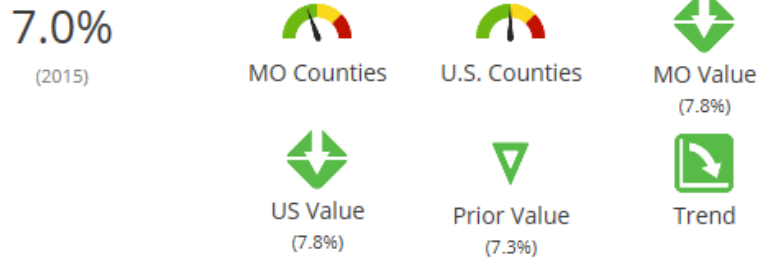


St. Louis City Health Dashboard www.thinkhealthstl.org

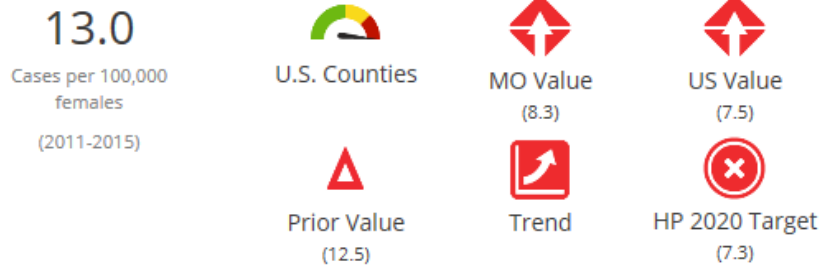
Breast Cancer Incidence Rate



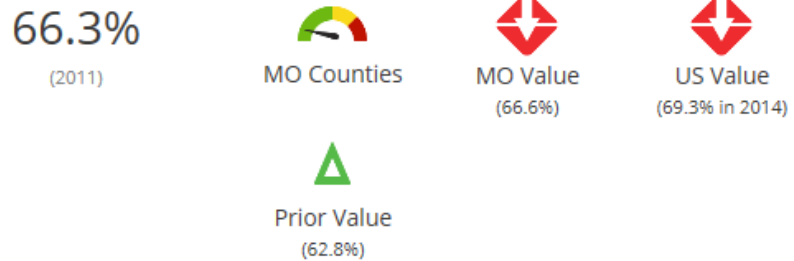
Cancer: Medicare Population



Cervical Cancer Incidence Rate



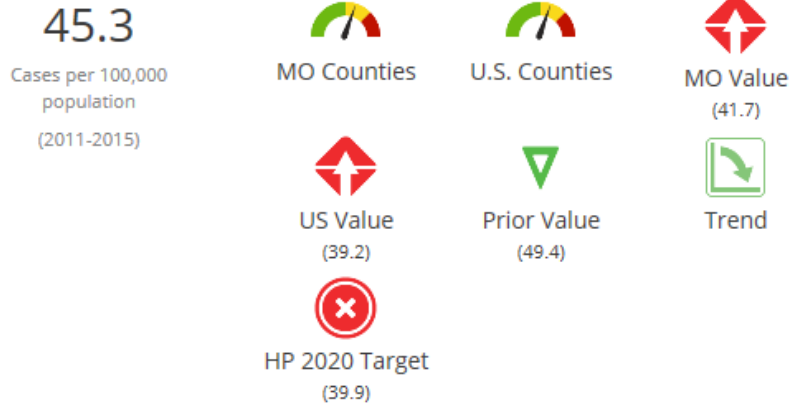
Colon Cancer Screening: Sigmoidoscopy or Colonoscopy



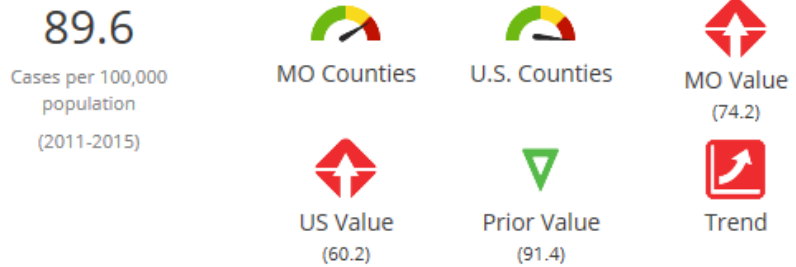
Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

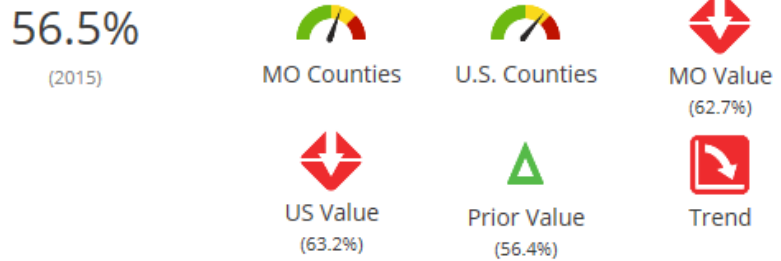
Colorectal Cancer Incidence Rate



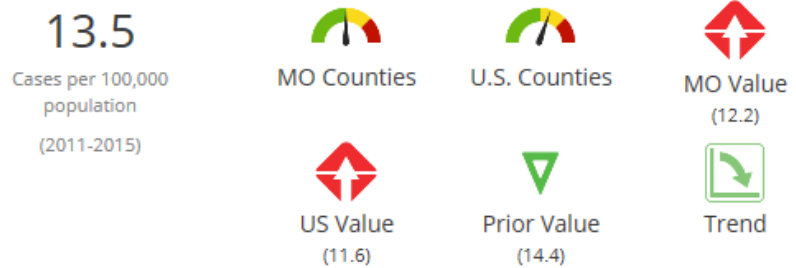
Lung and Bronchus Cancer Incidence Rate



Mammography Screening: Medicare Population



Oral Cavity and Pharynx Cancer Incidence Rate

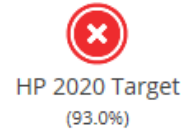
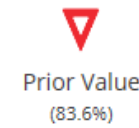


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

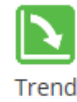
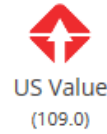
Pap Test in Past 3 Years

78.6%
(2011)



Prostate Cancer Incidence Rate

119.4
Cases per 100,000 males
(2011-2015)



Health / County Health Rankings

	VALUE	COMPARED TO:
Clinical Care Ranking	27 (2018)	MO Counties
Health Behaviors Ranking	110 (2018)	MO Counties
Morbidity Ranking	112 (2018)	MO Counties
Mortality Ranking	103 (2018)	MO Counties
Physical Environment Ranking	90 (2018)	MO Counties

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Social and Economic Factors Ranking

115
(2018)

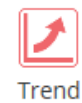
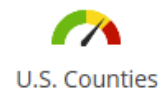


Health / Diabetes

Adults 20+ with Diabetes

VALUE
12.6%
(2014)

COMPARED TO:



Age-Adjusted Death Rate due to Diabetes

30.3
Deaths per 100,000
population
(2011-2015)



Age-Adjusted ER Rate due to Diabetes

35.3
ER visits per 10,000
population 18+ years
(2012-2014)



Age-Adjusted ER Rate due to Long-Term Complications of Diabetes

11.4
ER visits per 10,000
population 18+ years
(2012-2014)



Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to Short-Term Complications of Diabetes



Age-Adjusted ER Rate due to Uncontrolled Diabetes



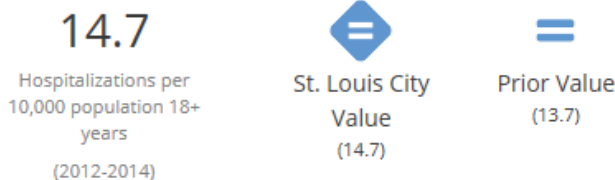
Age-Adjusted Hospitalization Rate due to Diabetes



Age-Adjusted Hospitalization Rate due to Long-Term Complications of Diabetes



Age-Adjusted Hospitalization Rate due to Short-Term Complications of Diabetes



Age-Adjusted Hospitalization Rate due to Uncontrolled Diabetes

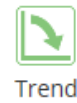
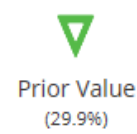
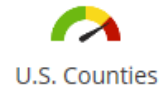


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

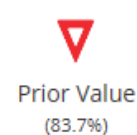
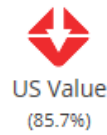
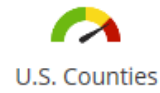
Diabetes: Medicare Population

29.6%
(2015)



Diabetic Monitoring: Medicare Population

82.8%
(2015)



Health / Disabilities

Persons with a Cognitive Difficulty (5-year)

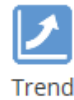
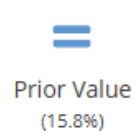
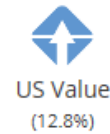
VALUE
7.2%
(2012-2016)

COMPARED TO:



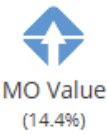
Persons with a Disability

16.2%
(2016)














Persons with a Disability (5-year)

15.5%
(2012-2016)







Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Persons with a Hearing Difficulty (5-year)	3.0% (2012-2016)	 MO Value (4.1%)	 US Value (3.5%)	
Persons with a Self-Care Difficulty (5-year)	3.4% (2012-2016)	 MO Value (2.8%)	 US Value (2.7%)	
Persons with a Vision Difficulty (5-year)	3.3% (2012-2016)	 MO Value (2.5%)	 US Value (2.3%)	
Persons with an Ambulatory Difficulty (5-year)	9.2% (2012-2016)	 MO Value (8.2%)	 US Value (7.0%)	
Persons with Disability Living in Poverty (5-year)	41.1% (2012-2016)	 MO Counties	 MO Value (29.5%)	 US Value (27.6%)

Health / Exercise, Nutrition, & Weight

Adult Fruit and Vegetable Consumption	VALUE 12.2% (2011)	COMPARED TO:	 MO Counties	 MO Value (12.5%)	 US Value (23.4% in 2009)
			 Prior Value (26.8%)		

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Adults 20+ who are Sedentary

23.7%
(2014)



MO Counties



U.S. Counties



MO Value
(25.8%)



US Value
(23.0%)



Prior Value
(23.5%)



Trend



HP 2020 Target
(32.6%)

Adults who are Obese

31.1%
(2011)



MO Counties



MO Value
(30.0%)



US Value
(29.9% in 2016)



Prior Value
(31.3%)



HP 2020 Target
(30.5%)

Adults who are Overweight

32.5%
(2011)



MO Counties



MO Value
(34.3%)



US Value
(35.8%)



Prior Value
(33.4%)

Child Food Insecurity Rate

23.3%
(2016)



MO Counties



U.S. Counties



MO Value
(17.4%)



US Value
(17.9%)



Prior Value
(22.8%)



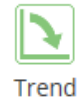
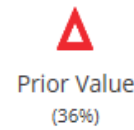
Trend

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

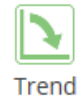
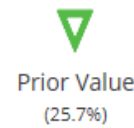
Food Insecure Children Likely Ineligible for Assistance

40%
(2016)



Food Insecurity Rate

25.1%
(2016)



Health / Heart Disease & Stroke

Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)

VALUE
48.4
Deaths per 100,000 population
(2011-2015)

COMPARED TO:



Prior Value
(46.8)



Trend



HP 2020 Target
(34.8)

Age-Adjusted Death Rate due to Heart Disease

232.4
Deaths per 100,000 population
(2011-2015)



Prior Value
(241.0)




Trend

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to Heart Failure

5.9
ER visits per 10,000 population 18+ years (2012-2014)


St. Louis City Value (5.9)


Prior Value (6.4)

Age-Adjusted ER Rate due to Hypertension


46.7
ER visits per 10,000 population 18+ years (2012-2014)


St. Louis City Value (46.7)


Prior Value (48.5)

Age-Adjusted Hospitalization Rate due to Heart Failure


67.2
Hospitalizations per 10,000 population 18+ years (2012-2014)


St. Louis City Value (67.2)


Prior Value (68.1)

Age-Adjusted Hospitalization Rate due to Hypertension

16.9
Hospitalizations per 10,000 population 18+ years (2012-2014)



St. Louis City Value (16.9)



Prior Value (17.6)

Atrial Fibrillation: Medicare Population

5.9%
(2015)


MO Counties


U.S. Counties


MO Value (8.1%)


US Value (8.1%)


Prior Value (6.0%)



Trend

Heart Failure: Medicare Population

17.0%
(2015)


MO Counties


U.S. Counties


MO Value (13.7%)




























US Value (13.5%)


Prior Value (17.0%)


Trend

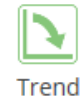
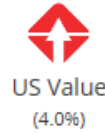
Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

High Blood Pressure Prevalence	35.7% (2011)	 MO Counties	 MO Value (32.6%)	 US Value (30.9% in 2015)
		 Prior Value (23.0%)	 HP 2020 Target (26.9%)	
High Cholesterol Prevalence: Adults 35+	41.2% (2011)	 MO Counties	 MO Value (42.9%)	 Prior Value (23.2%)
Hyperlipidemia: Medicare Population	36.2% (2015)	 MO Counties	 U.S. Counties	 MO Value (41.8%)
		 US Value (44.6%)	 Prior Value (37.3%)	 Trend
Hypertension: Medicare Population	55.2% (2015)	 MO Counties	 U.S. Counties	 MO Value (54.6%)
		 US Value (55.0%)	 Prior Value (56.8%)	 Trend
Ischemic Heart Disease: Medicare Population	23.8% (2015)	 MO Counties	 U.S. Counties	 MO Value (26.6%)
		 US Value (26.5%)	 Prior Value (25.1%)	 Trend

Stroke: Medicare Population

4.4%
(2015)



Health / Immunizations & Infectious Diseases

Age-Adjusted Death Rate due to Influenza and Pneumonia

VALUE
18.7
Deaths per 100,000 population
(2011-2015)

COMPARED TO:



Prior Value
(21.0)



Trend

Age-Adjusted ER Rate due to Community Acquired Pneumonia

16.7
ER visits per 10,000 population 18+ years
(2012-2014)



St. Louis City Value
(16.7)



Prior Value
(17.1)

Age-Adjusted ER Rate due to Hepatitis

1.2
ER visits per 10,000 population 18+ years
(2012-2014)



St. Louis City Value
(1.2)



Prior Value
(1.2)

Age-Adjusted ER Rate due to Immunization-Preventable Pneumonia and Influenza

11.8
ER visits per 10,000 population 18+ years
(2012-2014)



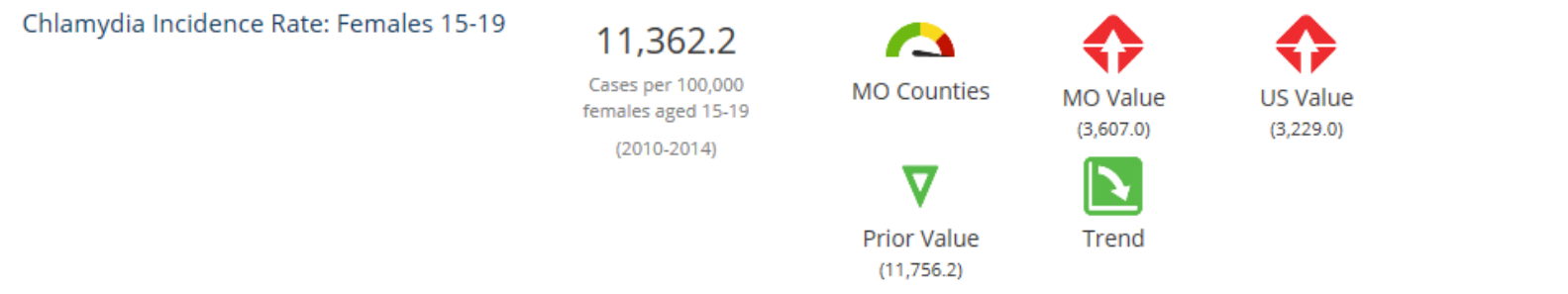
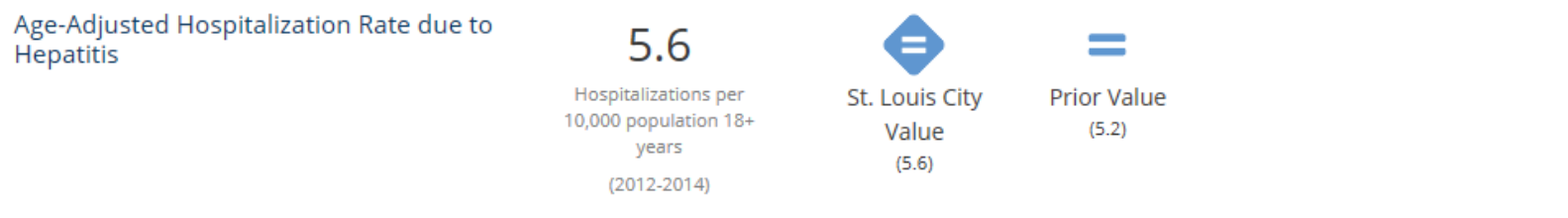
St. Louis City Value
(11.8)



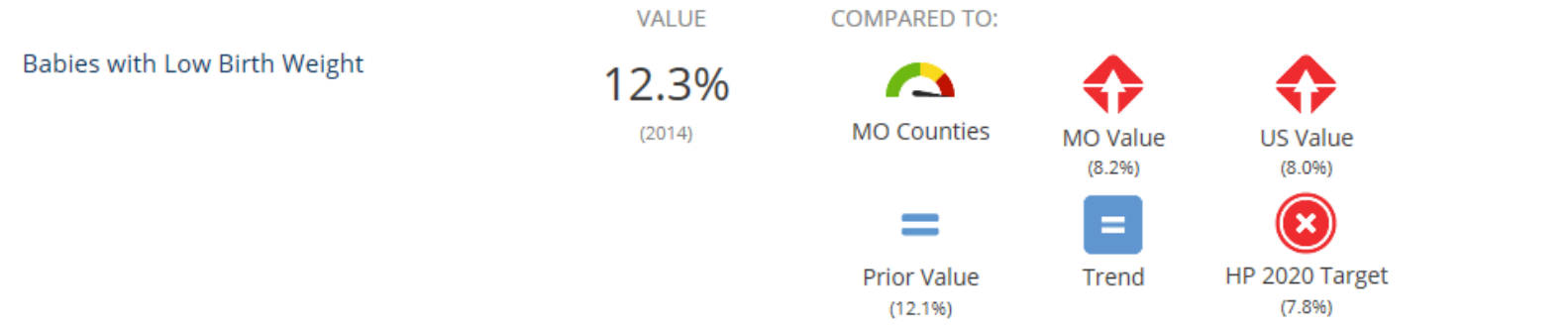
Prior Value
(10.6)

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org



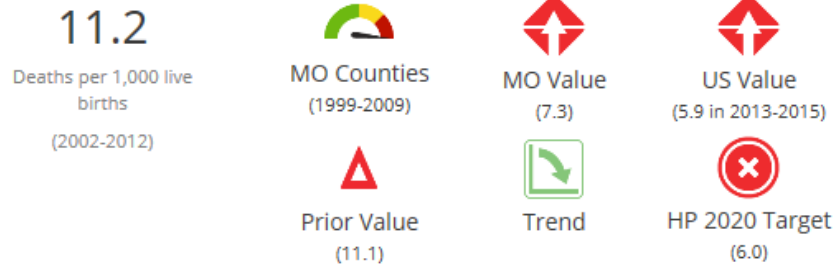
Health / Maternal, Fetal & Infant Health



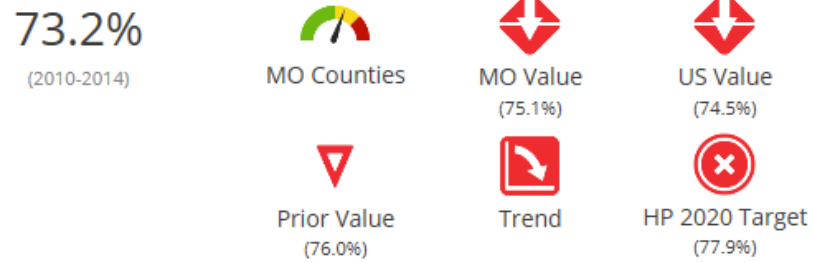
Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

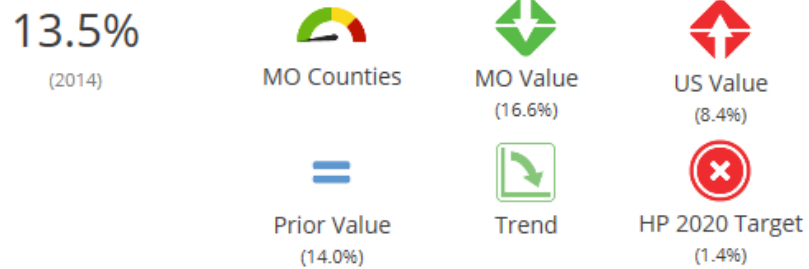
Infant Mortality Rate



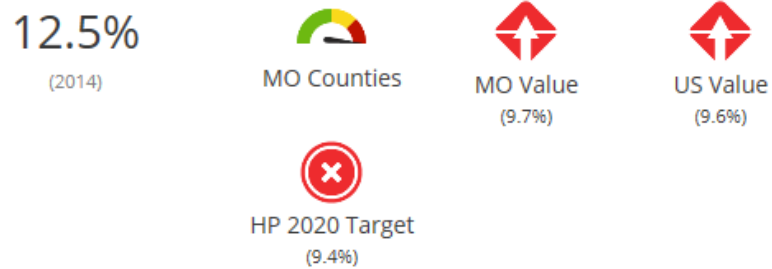
Mothers who Received Early Prenatal Care








Mothers who Smoked During Pregnancy



Preterm Births



Health / Mental Health & Mental Disorders

	VALUE	COMPARED TO:		
Age-Adjusted Death Rate due to Suicide	<p>11.2</p> <p>Deaths per 100,000 population (2011-2015)</p>	 <p>MO Counties (2005-2009)</p> <p>=</p> <p>Prior Value (11.5)</p>	 <p>MO Value (15.7)</p>  <p>Trend</p>	 <p>US Value (12.8)</p>  <p>HP 2020 Target (10.2)</p>
Age-Adjusted ER Rate due to Adolescent Suicide and Intentional Self-inflicted Injury	<p>57.2</p> <p>ER visits per 10,000 population aged 12-17 (2012-2014)</p>	<p>=</p> <p>Prior Value (56.1)</p>		
Age-Adjusted ER Rate due to Mental Health	<p>131.9</p> <p>ER visits per 10,000 population 18+ years (2012-2014)</p>	<p>▽</p> <p>Prior Value (138.8)</p>		
Age-Adjusted ER Rate due to Pediatric Mental Health	<p>78.1</p> <p>ER visits per 10,000 population under 18 years (2012-2014)</p>	<p>=</p> <p>Prior Value (72.6)</p>		
Age-Adjusted ER Rate due to Suicide and Intentional Self-inflicted Injury	<p>48.5</p> <p>ER visits per 10,000 population 18+ years (2012-2014)</p>	<p>▽</p> <p>Prior Value (51.8)</p>		
Age-Adjusted Hospitalization Rate due to Adolescent Suicide and Intentional Self-inflicted Injury	<p>61.2</p> <p>Hospitalizations per 10,000 population aged 12-17 (2012-2014)</p>	<p>=</p> <p>Prior Value (50.4)</p>		

Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Age-Adjusted Hospitalization Rate due to Mental Health

188.3

Hospitalizations per 10,000 population 18+ years
(2012-2014)



Prior Value
(184.1)

Age-Adjusted Hospitalization Rate due to Pediatric Mental Health

55.5

Hospitalizations per 10,000 population under 18 years
(2012-2014)



Prior Value
(51.5)

Age-Adjusted Hospitalization Rate due to Suicide and Intentional Self-inflicted Injury

103.8

Hospitalizations per 10,000 population 18+ years
(2012-2014)



Prior Value
(94.4)

Depression: Medicare Population

23.0%

(2015)



MO Counties



U.S. Counties



MO Value
(20.0%)



US Value
(16.7%)



Prior Value
(22.5%)



Trend

Frequent Mental Distress

15.1%

(2016)



MO Counties



U.S. Counties



MO Value
(13.8%)



US Value
(15.0%)

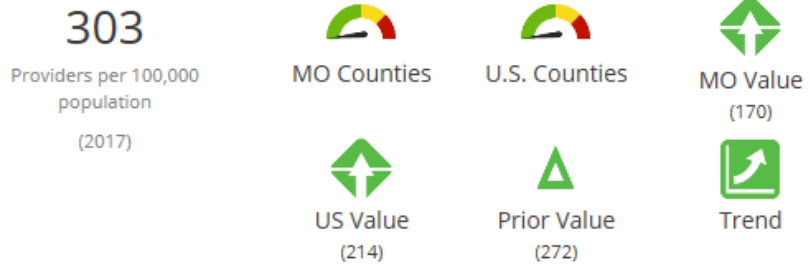


Prior Value
(14.7%)

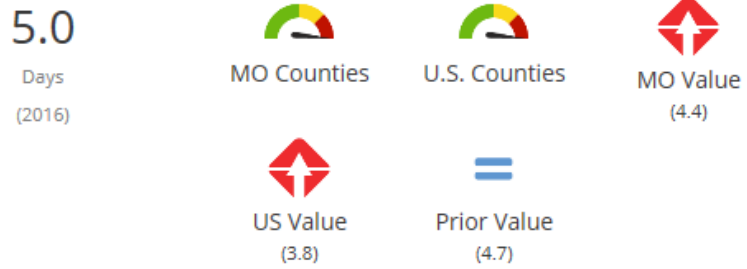
Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Mental Health Provider Rate

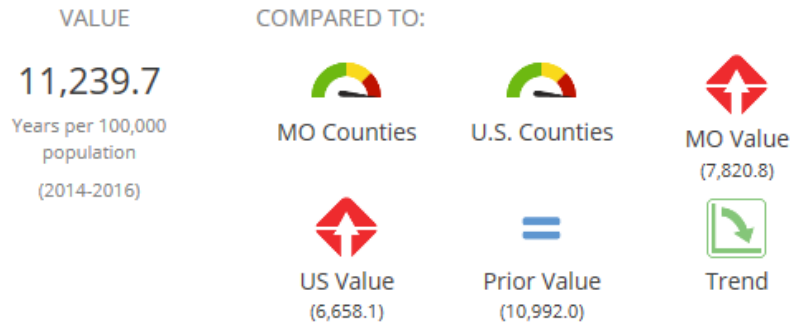


Poor Mental Health: Average Number of Days



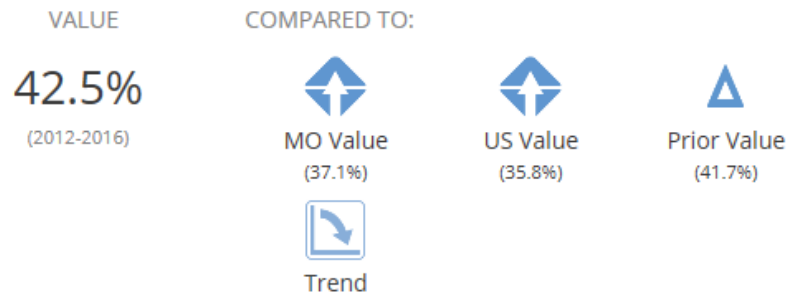
Health / Mortality Data

Premature Death



Health / Older Adults & Aging

Adults 65+ with a Disability



Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Adults 65+ with a Hearing Difficulty

12.6%
(2012-2016)



MO Value
(16.0%)



US Value
(14.8%)



Prior Value
(12.9%)



Trend

Adults 65+ with a Self-Care Difficulty

10.8%
(2012-2016)



MO Value
(7.6%)



US Value
(8.4%)



Prior Value
(10.4%)



Trend

Adults 65+ with a Vision Difficulty

10.0%
(2012-2016)



MO Value
(6.7%)



US Value
(6.6%)



Prior Value
(9.4%)



Trend

Adults 65+ with an Independent Living Difficulty

20.0%
(2012-2016)



MO Value
(14.4%)



US Value
(15.2%)



Prior Value
(20.8%)



Trend

Age-Adjusted Death Rate due to Alzheimer's Disease

19.0
Deaths per 100,000
population
(2011-2015)



MO Counties



MO Value
(27.3)



US Value
(25.4)

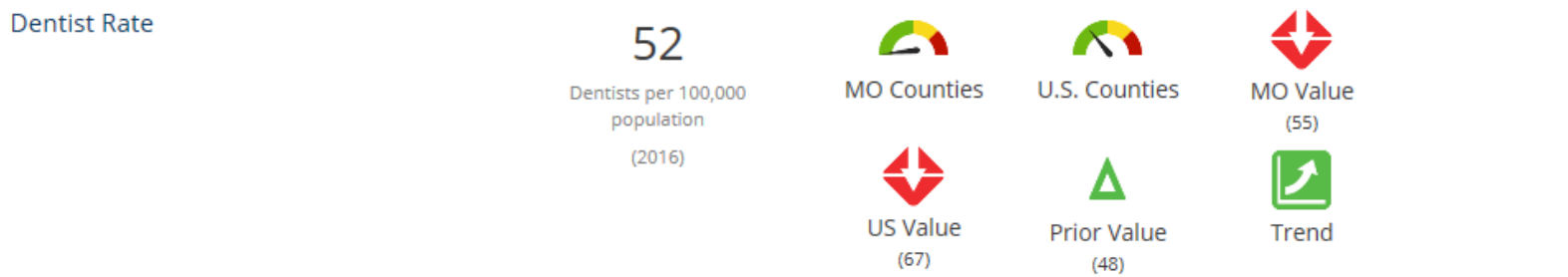
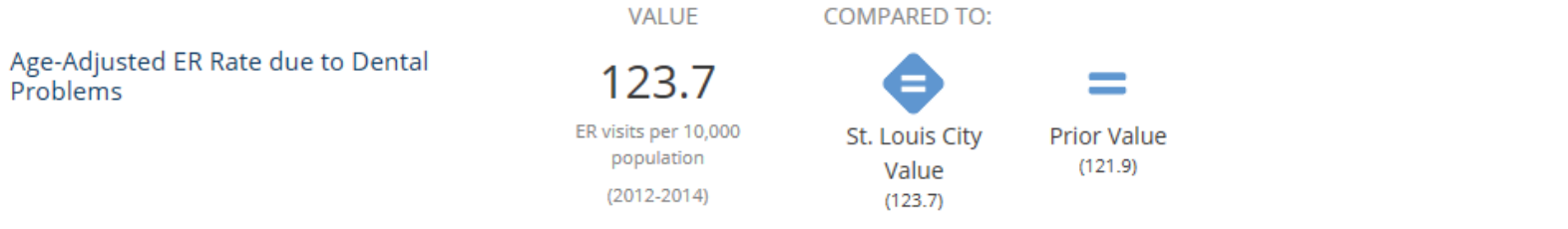


Prior Value
(18.7)

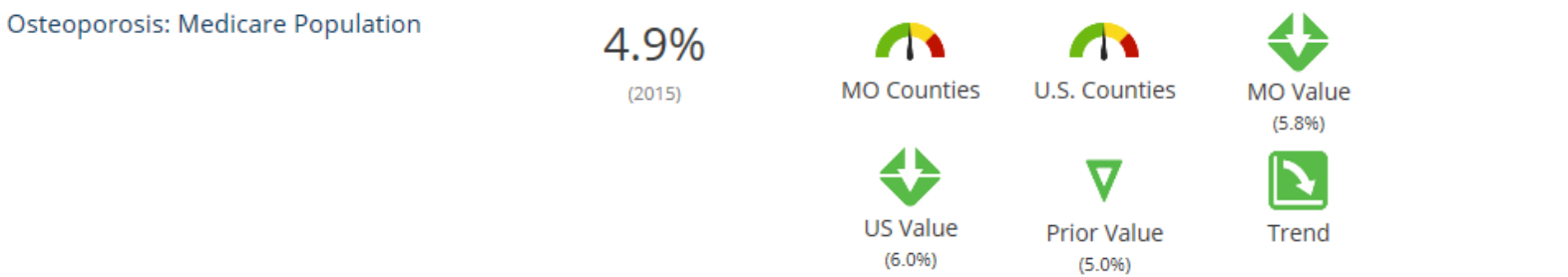
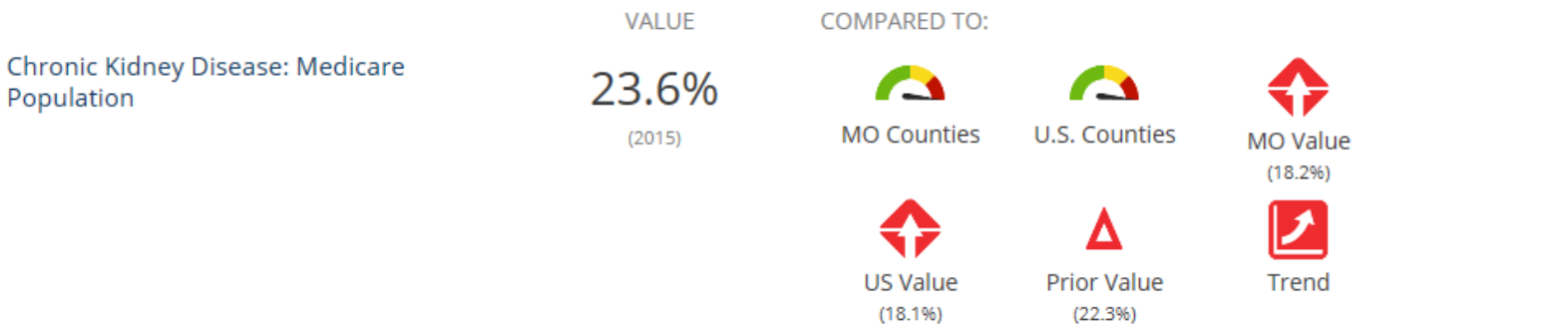


Trend

Health / Oral Health

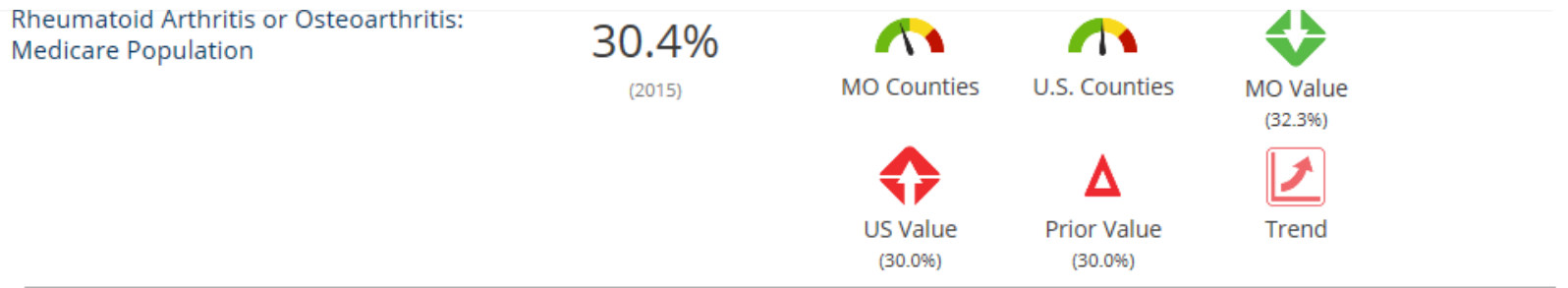


Health / Other Chronic Diseases

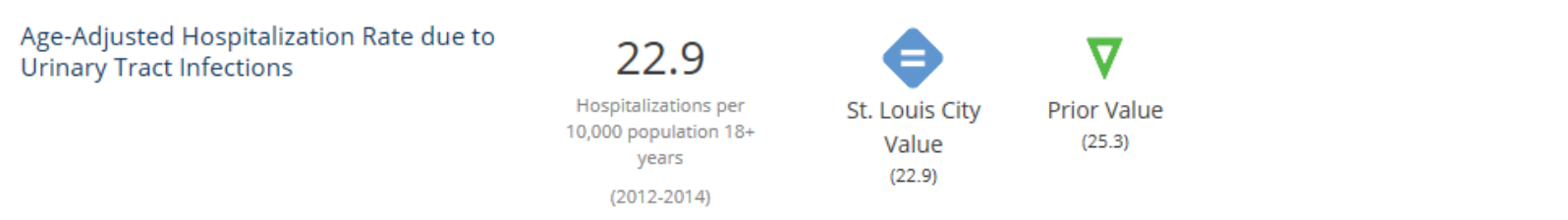


Appendix

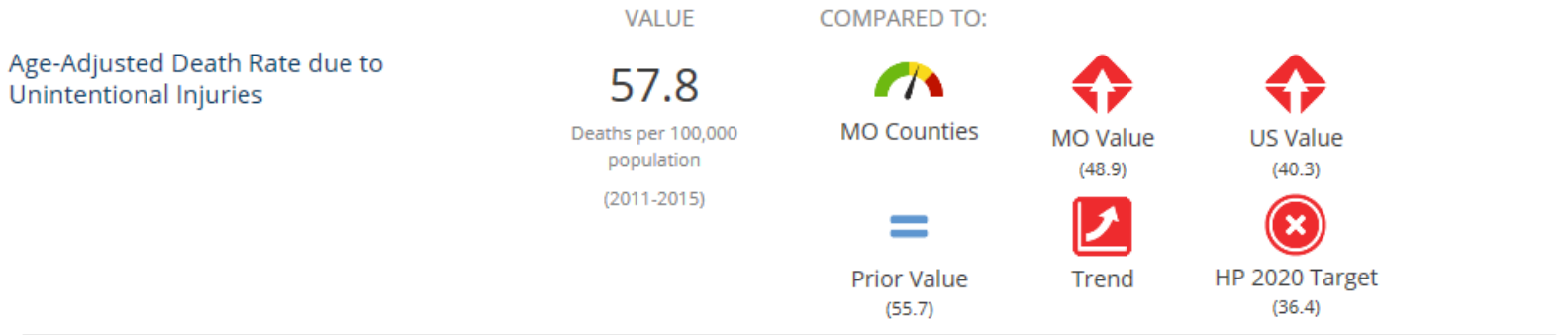
St. Louis City Health Dashboard www.thinkhealthstl.org



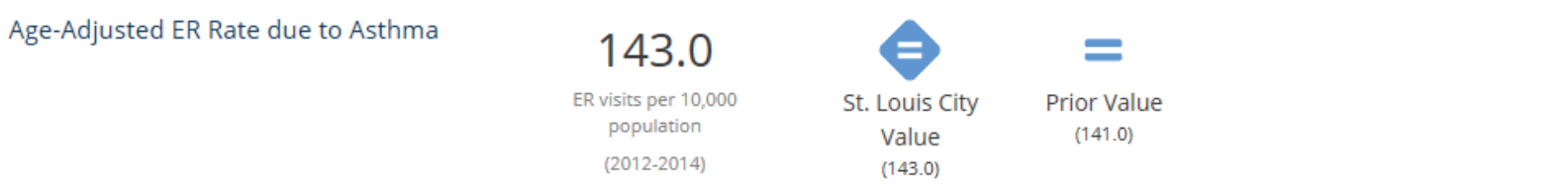
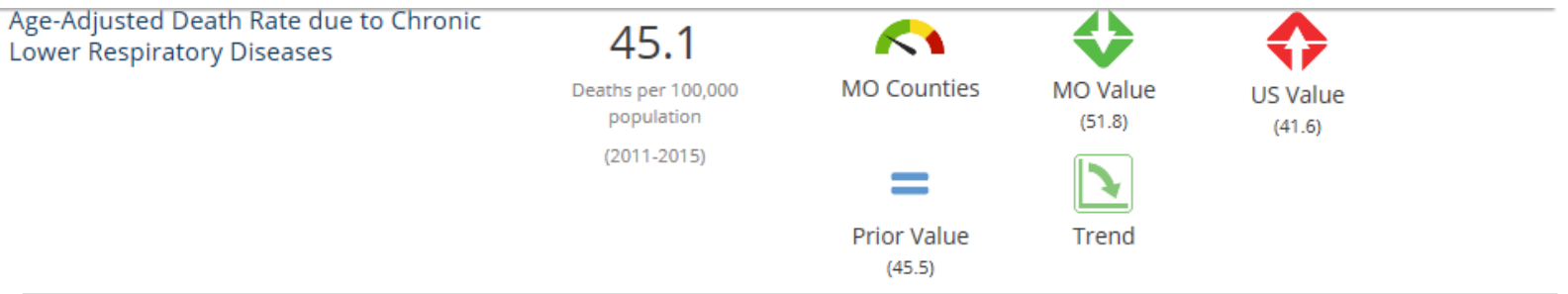
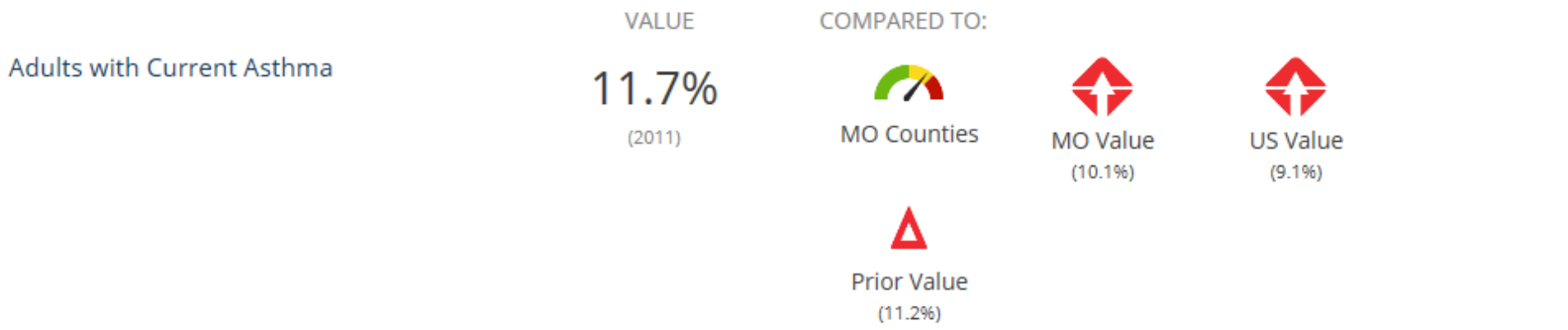
Health / Other Conditions



Health / Prevention & Safety



Health / Respiratory Diseases

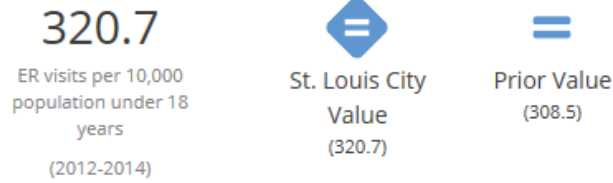


St. Louis City Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to COPD



Age-Adjusted ER Rate due to Pediatric Asthma



Age-Adjusted Hospitalization Rate due to Adult Asthma



Age-Adjusted Hospitalization Rate due to Asthma



Age-Adjusted Hospitalization Rate due to COPD



Age-Adjusted Hospitalization Rate due to Pediatric Asthma

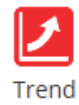
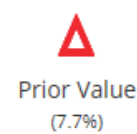
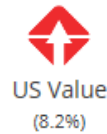
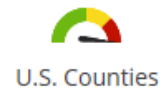


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

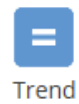
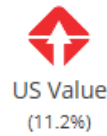
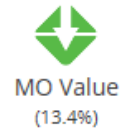
Asthma: Medicare Population

10.6%
(2015)



COPD: Medicare Population

12.0%
(2015)

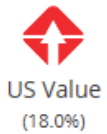


Health / Substance Abuse

Adults who Drink Excessively

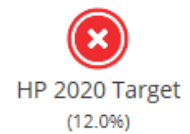
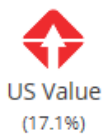
VALUE
20.6%
(2016)

COMPARED TO:



Adults who Smoke

24.7%
(2016)



Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Age-Adjusted ER Rate due to Alcohol Abuse



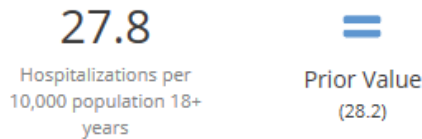
Age-Adjusted ER Rate due to Substance Abuse



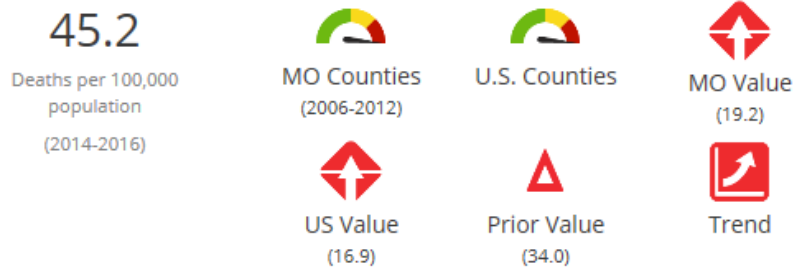
Age-Adjusted Hospitalization Rate due to Alcohol Abuse



Age-Adjusted Hospitalization Rate due to Substance Abuse

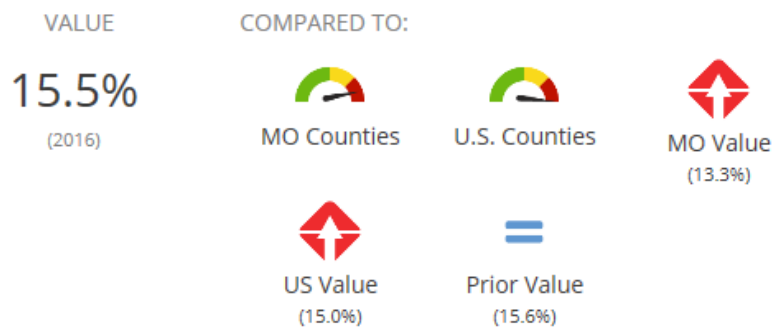


Death Rate due to Drug Poisoning



Health / Wellness & Lifestyle

Frequent Physical Distress

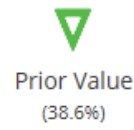
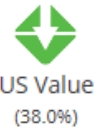


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

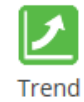
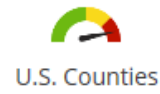
Insufficient Sleep

37.2%
(2016)



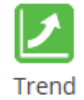
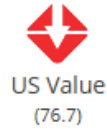
Life Expectancy for Females

77.7
Years
(2014)



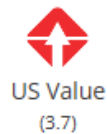
Life Expectancy for Males

70.6
Years
(2014)



Poor Physical Health: Average Number of Days

5.0
Days
(2016)

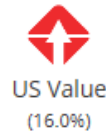
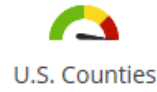


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Self-Reported General Health Assessment: Poor or Fair

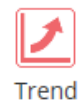
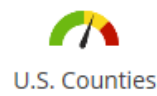
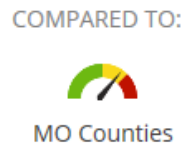
24.0%
(2016)



Economy / Employment

Unemployed Workers in Civilian Labor Force

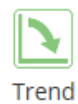
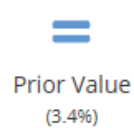
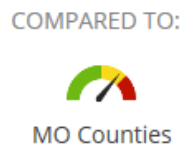
VALUE
4.6%
(July 2018)



Economy / Government Assistance Programs

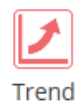
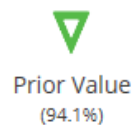
Households with Cash Public Assistance Income

VALUE
3.1%
(2012-2016)

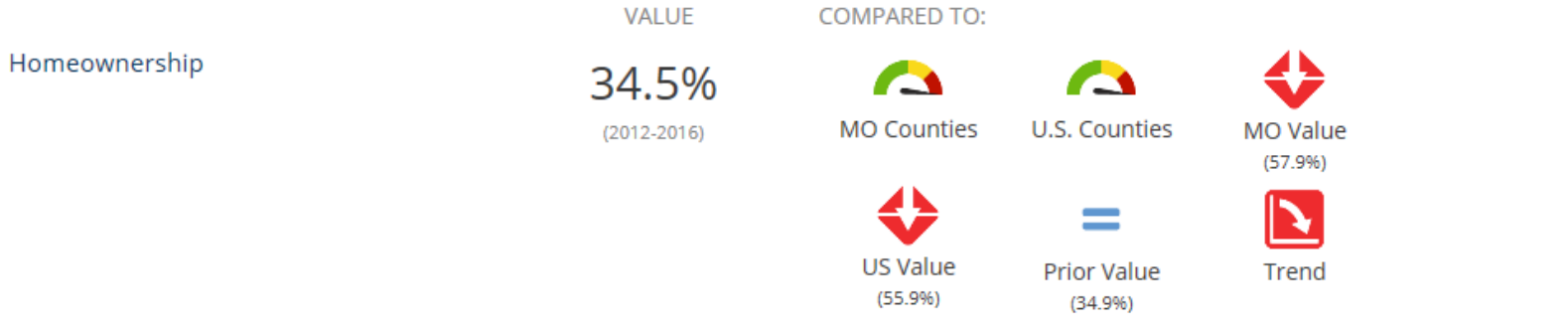


Students Eligible for the Free Lunch Program

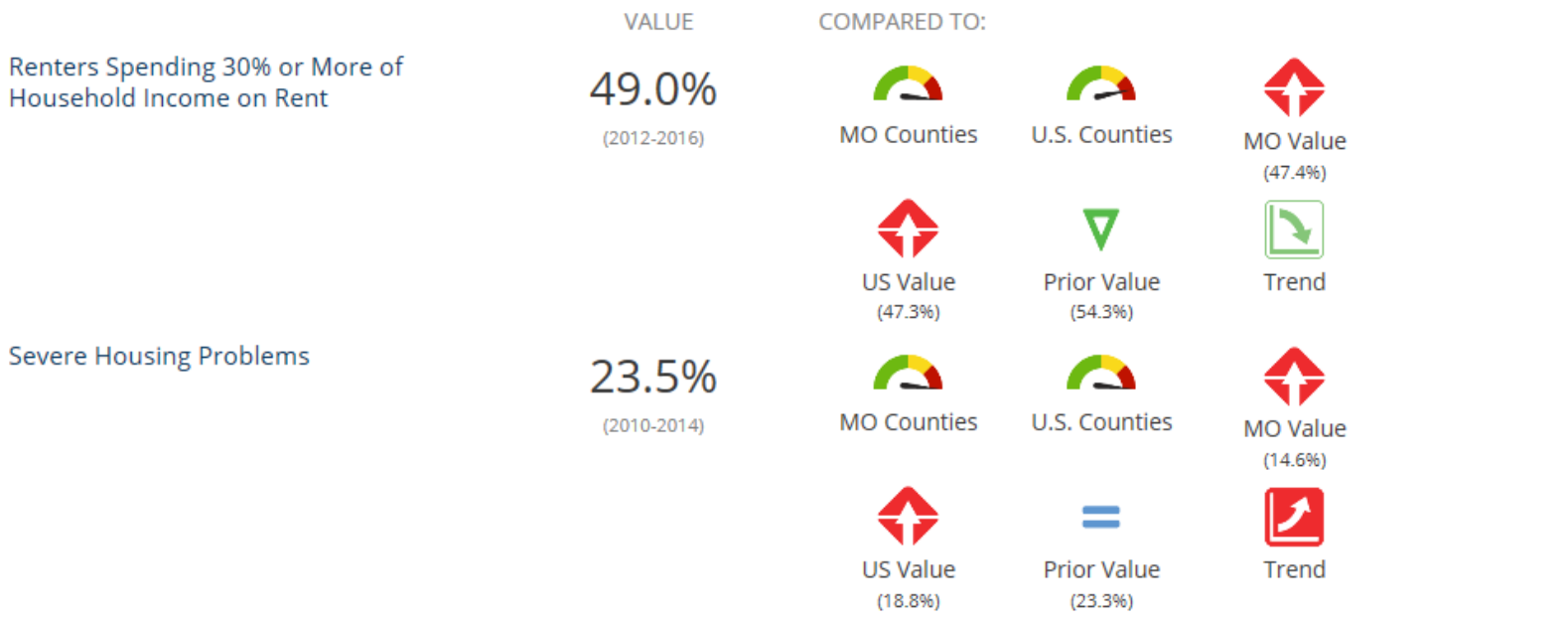
93.7%
(2015-2016)



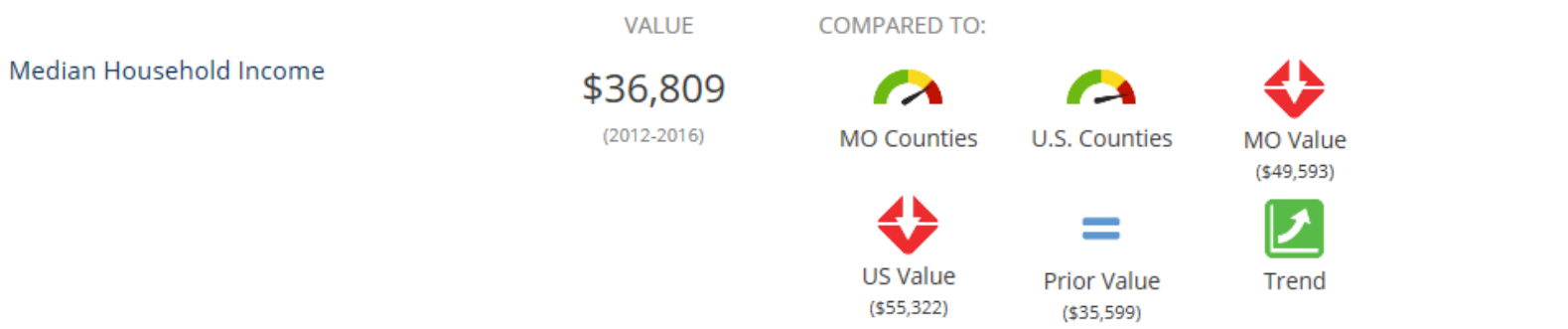
Economy / Homeownership



Economy / Housing Affordability & Supply



Economy / Income

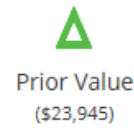
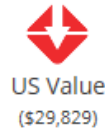
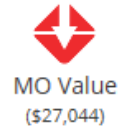
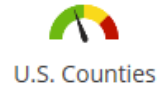


Appendix

St. Louis City Health Dashboard www.thinkhealthstl.org

Per Capita Income

\$25,434
(2012-2016)

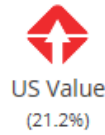


Economy / Poverty

Children Living Below Poverty Level

VALUE
42.4%
(2012-2016)

COMPARED TO:



Families Living Below Poverty Level

21.3%
(2012-2016)



CHNA collaborators

BJC Health System: St. Louis Children's Hospital, Barnes Jewish Hospital

Shriner's Children's Hospital

St. Louis Partnership for a Health Community – a collaboration of St. Louis County Department of Health, City of St. Louis Health Department and a broad range of public health stakeholders. www.thinkhealthstl.org