

Health & Safety Indicator Report - Quick Facts

Vulnerable Populations

Location

East Central

Social Determinants

Data Indicator	Indicator Variable	Location Summary	State Average
Current Unemployment	Labor Force	286,715	2,995,373
	Number Employed	276,653	2,879,804
	Number Unemployed	10,062	115,569
	Unemployment Rate	3.5%	3.9%
High School Graduation Rate	Adjusted Student Cohort	6,837	64,280
	Number of Diplomas Issued	6,235	58,484
	Cohort Graduation Rate	91.2%	91.0%
Households with No Motor Vehicle	Total Occupied Households	239,427	2,414,521
	Households with No Motor Vehicle	12,404	165,906
	Households with No Motor Vehicle, Percent	5.18%	6.87%
Poverty Rate (< 100 % FPL)	Total Population	633,983	6,090,062
	Population in Poverty	79,016	785,343
	Percent Population in Poverty	12.5%	13.2%
Poverty Rate (< 185% FPL)	Total Population	600,445	5,922,570
	Population with Income at or Below 185% FPL	180,067	1,733,818
	Percent Population with Income at or Below 185% FPL	29.99%	29.27%
Uninsured Population	Total Population (For Whom Insurance Status is Determined)	603,645	5,990,637
	Uninsured Population	54,116	559,885
	Uninsured Population, Percent	8.96%	9.35%
Young People Not in School and Not Working	Population Age 16-19	36,751	317,290
	Population Age 16-19 Not in School and Not Employed, Percent	5.74%	6.33%

Clinical Care

Data Indicator	Indicator Variable	Location Summary	State Average
Access - Mental Health Providers	Estimated Population	637,477	12,212,347
	Number of Mental Health Providers	927	23,805
	Ratio of Mental Health Providers to Population(1 Provider per x Persons)	687.7	513
	Mental Health Care Provider Rate (Per 100,000 Population)	145.4	194.9
Access - Primary Care Providers	Total Population (2017)	634,779	6,108,612
	Primary Care Physicians (2017)	298	4,275

Data Indicator	Indicator Variable	Location Summary	State Average
	Primary Care Physicians, Rate per 100,000 Pop.	46.9	70
Access - Addiction/Substance Abuse Providers	Total Population (2017)	634,779	12,217,224
	Number of Facilities	7	150
	Number of Providers	12	237
	Providers, Rate per 100,000 Population	1.89	1.94
Access - Buprenorphine Providers	Total Population (2017)	634,779	12,217,224
	Buprenorphine Providers, Number	37	470
	Buprenorphine Providers, Rate per 100,000 Population	5.83	3.85
Access - Health Professional Shortage Areas - Mental Health Care	Total Population (ACS 2017 5-Year Estimates)	635,655	6,104,910
	Population Living in an Area Affected by a HPSA	229,826	1,860,084
	Percentage of Population Living in an Area Affected by a HPSA	36.2%	30.5%
	Percentage of HPSA Population Underserved	94.8%	96.0%
Access - Lack of a Consistent Source of Primary Care	Survey Population(Adults Age 18+)	470,839	4,560,355
	Total Adults Without Any Regular Doctor	96,830	938,202
	Percent Adults Without Any Regular Doctor	20.6%	20.57%
Access - Medicare and Medicaid Providers	Total Institutional Providers	200	1,850
	Hospitals	15	152
	Nursing Facilities	66	524
	Federally Qualified Health Centers	18	215
	Rural Health Clinics	57	351
	Community Mental Health Centers	0	0
Access - Medicare Recipients	Persons Over 65 Receiving Medicare	104,782	2,046,411
	Disabled Persons Receiving Medicare	25,908	408,393
	Total Persons Receiving Medicare	130,692	2,454,799
Access - Mental Health Providers	Total Population (2017)	634,779	12,217,224
	Number of Facilities	28	465
	Number of Providers	254	2,967
	Providers, Rate per 100,000 Population	40.01	24.29
Access - Missouri HealthNet HealthNet Recipients	Persons Receiving Benefits	93,938	876,902
	Total Benefit Payments	\$73,386,513	\$719,610,220
Access - Missouri HealthNet Providers	Number of All Providers(2020)	8,840	121,552
Prevention - Cervical Cancer Screening (Pap Test)	Female Population Age 18+	440,366.00	3,846,348.00
	Estimated Number with Regular Pap Test	234,306	2,877,068
	Crude Percentage	75.10%	74.80%
	Age-Adjusted Percentage	76.70%	76.60%
Prevention - Colon Cancer Screening (Sigmoid/Colonoscopy)	Total Population Age 50+	155,211.00	1,532,083.00
	Estimated Population Ever Screened for Colon Cancer	76,040	972,873
	Crude Percentage	64.30%	63.50%
	Age-Adjusted Percentage	61.80%	60.30%
Prevention - Diabetes Management (Hemoglobin A1c Test)	Total Medicare Enrollees	64,749	577,944
	Medicare Enrollees with Diabetes	7,989	64,557
	Medicare Enrollees with Diabetes with Annual Exam	6,776	55,699

Data Indicator	Indicator Variable	Location Summary	State Average
	Medicare Enrollees with Diabetes with Annual Exam, Percent	84.8%	86.3%
Prevention - High Blood Pressure Management	Total Population(Age 18+)	468,891.00	4,532,155.00
	Total Adults Not Taking Blood Pressure Medication (When Needed)	44,846.00	957,912.00
	Percent Adults Not Taking Medication	35.6%	21.1%
Prevention - HIV Screenings	Survey Population(Adults Age 18+)	429,880	4,226,096
	Total Adults Never Screened for HIV / AIDS	291,582	2,840,197
	Percent Adults Never Screened for HIV / AIDS	67.8%	67.21%
Prevention - Lack of Prenatal Care	Total Births	No data	318,557
	Mothers Starting Prenatal Care in First Semester	No data	56,322
	Mothers with Late or No Prenatal Care	No data	16,666
	Prenatal Care Not Reported	No data	245,569
	Percentage Mothers with Late or No Prenatal Care	Suppressed	5.20%
Prevention - Mammogram	Medicare Beneficiaries	84,257	729,320
	Female Beneficiaries with Recent Mammogram, Percent	33%	33%
Prevention - Pneumonia Vaccinations (Age 65+)	Total Population Age 65+	83,493.00	826,139.00
	Estimated Population with Annual Pneumonia Vaccination	38,873	572,514
	Crude Percentage	68.60%	69.30%
	Age-Adjusted Percentage	69.10%	69.40%
Shortage - Facilities Designated as Health Professional Shortage Areas	Primary Care Facilities	20	101
	Mental Health Care Facilities	15	87
	Dental Health Care Facilities	13	78
	Total HPSA Facility Designations	48	266
Shortage - Population Living in a Health Professional Shortage Area	Total Population (ACS 2017 5-Year Estimates)	635,655	6,104,910
	Population Living in an Area Affected by a HPSA	222,300	1,687,200
	Percentage of Population Living in an Area Affected by a HPSA	35.0%	27.6%
	Percentage of HPSA Population Underserved	84.3%	89.7%
Utilization - Dental Care	Total Population(Age 18+)	468,891.00	4,532,155.00
	Total Adults Without Recent Dental Exam	179,262.00	1,681,987.00
	Percent Adults with No Dental Exam	38.2%	37.1%
Utilization - Preventable Hospital Events	Medicare Beneficiaries	84,257	729,320
	Preventable Hospitalizations, Rate per 100,000 Beneficiaries	4,487	4,868

Health Behaviors

Data Indicator	Indicator Variable	Location Summary	State Average
Nutrition - Fruit/Vegetable Expenditures	State Rank	Suppressed	No data
	Z-Score (US)	-1.33	-0.61
	Z-Score (Within-State)	0.13	No data
	Average Expenditures (USD)	\$687.75	\$665.08

Data Indicator	Indicator Variable	Location Summary	State Average
	Percentage of Food-At-Home Expenditures	11.80%	11.77%
Nutrition - Inadequate Fruit/Vegetable Consumption	Total Population(Age 18+)	455,224.00	4,473,226.00
	Total Adults with Inadequate Fruit / Vegetable Consumption	226,648	3,538,322
	Percent Adults with Inadequate Fruit / Vegetable Consumption	80.60%	79.10%
Risk Factors - Alcohol Expenditures	State Rank	Suppressed	No data
	Z-Score (US)	0.39	0.36
	Z-Score (Within-State)	-0.09	No data
	Average Expenditures (USD)	\$869.27	\$849.54
	Percentage of Food-At-Home Expenditures	14.91%	15.03%
Risk Factors - Current Smokers	Population Age 20+	156,511	3,085,088
	Current Smokers	31,170	616,386
	Current Smokers, Percent	19.9%	20.0%
Risk Factors - Excessive Drinking	Adult Population	635,502	6,113,532
	Adults Reporting Excessive Drinking	121,848	1,207,899
	Percentage of Adults Reporting Excessive Drinking	19.17%	19.76%
Risk Factors - Heavy Alcohol Consumption	Population Age 18+	474,127.00	4,532,155.00
	Estimated Adults Drinking Excessively	69,224	770,466
	Excessive Drinking, Crude Percentage	17.60%	17.00%
	Excessive Drinking, Age-Adjusted Percentage	18.40%	17.90%
Risk Factors - Opioid Drug Claims	Medicare Beneficiaries	120,500	1,127,210
	Total Prescription Drug Claims	3,462,752	36,588,039
	Opioid Drug Claims	199,629	1,944,579
	Opioid Drug Claims, Percentage of Total Claims	5.8%	5.3%
Risk Factors - Opioid Misuse Hospitalization	Total Population	632,759	6,059,651
	Heroin Misuse Hospitalization Rate	0.27	0.22
	Non-Heroin Opioid Misuse Hospitalization Rate	1.43	1.11
	Total Opioid Misuse Hospitalization Rate per 100,000	1.70	1.33
Risk Factors - Physical Inactivity	Population Age 20+	472,811	4,567,579
	Adults with No Leisure Time Physical Activity	131,418	1,163,085
	Adults with No Leisure Time Physical Activity, Percent	26.7%	24.5%
Risk Factors - Soft Drink Expenditures	State Rank	Suppressed	No data
	Z-Score (US)	1.44	0.74
	Z-Score (Within-State)	0.20	No data
	Average Expenditures (USD)	\$263.97	\$254.50
	Percentage of Food-At-Home Expenditures	4.53%	4.50%
Risk Factors - Tobacco Expenditures	State Rank	Suppressed	No data
	Z-Score (US)	1.46	0.31
	Z-Score (Within-State)	0.91	No data
	Average Expenditures (USD)	\$1,049.51	\$935.41
	Percentage of Food-At-Home Expenditures	2.14%	1.89%
	Total Population Age 18+	474,127.00	4,532,155.00

Data Indicator	Indicator Variable	Location Summary	State Average
Risk Factors - Tobacco Usage	Total Adults Regularly Smoking Cigarettes	126,763	1,024,267
	Percent Population Smoking Cigarettes(Crude)	27.10%	22.60%
	Percent Population Smoking Cigarettes(Age-Adjusted)	27.80%	23.20%
Risk Factors - Vaccine Exemption	Total Students	101,029	966,152
	Students with Any Vaccine Exemption	2,796	28,618
	Percentage of Students with Any Exemption	2.77%	2.96%
STI - Syphilis Incidence	Total Population	633,499	6,091,176
	Number of Reported Syphilis Diagnoses	155	1,649
	Syphilis Infection Rate	26.69	29.53

Health Outcomes

Data Indicator	Indicator Variable	Location Summary	State Average
Cancer - Breast Cancer Incidence	Estimated Total Population (Female)	381,907	3,793,869
	New Cases (Annual Average)	476	4,951
	Cancer Incidence Rate (Per 100,000 Pop.)	124.6	130.5
Cancer - Cervical Cancer Incidence	Estimated Total Population (Female)	52,631	3,162,499
	New Cases (Annual Average)	5	253
	Cancer Incidence Rate (Per 100,000 Pop.)	9.5	8.0
Cancer - Colon and Rectum Cancer Incidence	Estimated Total Population	741,754	7,296,296
	New Cases (Annual Average)	305	2,955
	Cancer Incidence Rate (Per 100,000 Pop.)	41.1	40.5
Cancer - Lung Cancer Incidence	Estimated Total Population	774,138	7,593,055
	New Cases (Annual Average)	639	5,467
	Cancer Incidence Rate (Per 100,000 Pop.)	82.5	72.0
Cancer - Prostate	Estimated Total Population (Male)	383,230	3,680,525
	New Cases (Annual Average)	326	3,364
	Cancer Incidence Rate (Per 100,000 Pop.)	85.1	91.4
Chronic Disease - Asthma Prevalence	Survey Population(Adults Age 18+)	469,976	4,553,696
	Total Adults with Asthma	61,404	644,403
	Percent Adults with Asthma	13.1%	14.2%
Chronic Disease - Diabetes Prevalence	Population Age 20+	473,074	4,573,051
	Adults with Diagnosed Diabetes	53,442	521,416
	Adults with Diagnosed Diabetes, Age-Adjusted Rate	9.9%	10.1%
Chronic Disease - Heart Disease Prevalence	Survey Population(Adults Age 18+)	466,843	4,527,296
	Total Adults with Heart Disease	31,506	218,318
	Percent Adults with Heart Disease	6.7%	4.80%
Chronic Disease - Obesity (Adult)	Population Age 20+	472,826	4,570,848
	Adults with BMI > 30.0 (Obese)	168,487	1,486,000
	Adults with BMI > 30.0 (Obese), Percent	35.7%	32.4%
	Survey Population(Adults Age 18+)	448,147	4,363,655

Data Indicator	Indicator Variable	Location Summary	State Average
Chronic Disease - Overweight (Adult)	Total Adults Overweight	169,131	1,541,649
	Percent Adults Overweight	37.7%	35.30%
Deaths of Despair (Suicide and Drug/Alcohol Poisoning)	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	342	3,008
	Crude Death Rate (Per 100,000 Pop.)	53.94	49.3
	Age-Adjusted Death Rate (Per 100,000 Pop.)	54.11	48.1
Fall Injuries among Adults Age 65+	Fall/Jump Injuries, 2001-2003	12,259	120,807
	Fall/Jump Injuries, 2013-2015	16,095	148,555
	Rate per 100,000, 2001-2003	5,593	5,296
	Rate per 100,000, 2013-2015	5,666	5,316
	Percentage Change in Total Fall Injuries, 2001-03 to 2013-15	1.3%	0.37%
Life Expectancy (County)	Total Population (2014)	632,096	6,056,293
	Life Expectancy at Birth (2014)	77.06	77.73
Life Expectancy (Tract)	Total Population (2011-2015)	632,270	6,045,448
	Life Expectancy at Birth (2010-15)	76.69	77.43
Mortality - Cancer Mortality	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	1,362	12,948
	Crude Death Rate (Per 100,000 Pop.)	214.5	212.40
	Age-Adjusted Death Rate (Per 100,000 Pop.)	176.5	170.01
Mortality - Drug Overdose Deaths	Total Population	632,748	6,061,284
	Average Annual Deaths, 2013-2017	132	1,094
	Crude Death Rate (Per 100,000 Pop.)	22.6	18.05
	Age-Adjusted Death Rate (Per 100,000 Pop.)	24.0	18.67
Mortality - Heart Disease Mortality	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	943	8,281
	Crude Death Rate (Per 100,000 Pop.)	148.6	135.84
	Age-Adjusted Death Rate (Per 100,000 Pop.)	122.8	108.60
Mortality - Homicide	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	21	574
	Crude Death Rate (Per 100,000 Pop.)	5.9	9.42
	Age-Adjusted Death Rate (Per 100,000 Pop.)	5.6	9.98
Mortality - Lung Disease Mortality	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	467	3,915
	Crude Death Rate (Per 100,000 Pop.)	73.5	64.23
	Age-Adjusted Death Rate (Per 100,000 Pop.)	61.9	51.39
Mortality - Motor Vehicle Crash Death	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	124	895
	Crude Death Rate (Per 100,000 Pop.)	19.6	14.68
	Age-Adjusted Death Rate (Per 100,000 Pop.)	19.8	14.37
Mortality - Opioid Overdose Mortality	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	90	883
	Crude Death Rate (Per 100,000 Pop.)	15.6	14.48

Data Indicator	Indicator Variable	Location Summary	State Average
	Age-Adjusted Death Rate (Per 100,000 Pop.)	17.2	15.24
Mortality - Pedestrian Motor Vehicle Death	Total Population (2010)	628,635	5,988,927
	Pedestrian Deaths (2014-2018)	47	491
	Pedestrian Deaths, Annual Rate per 100,000 Pop.	2.5	2.7
Mortality - Premature Death	Premature Deaths, 2016-2018	9,215	170,818
	Years of Potential Life Lost, 2016-2018 Average	153,519	2,858,596
	Years of Potential Life Lost, Rate per 100,000 Population	8,635	8,394
Mortality - Stroke	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	281	3,067
	Crude Death Rate (Per 100,000 Pop.)	44.3	50.31
	Age-Adjusted Death Rate (Per 100,000 Pop.)	37.3	40.33
Mortality - Suicide	Total Population	634,802	6,096,049
	Average Annual Deaths, 2013-2017	126	1,117
	Crude Death Rate (Per 100,000 Pop.)	20.1	18.3
	Age-Adjusted Death Rate (Per 100,000 Pop.)	20.5	18.0
Poor Dental Health	Population Age 18	468,891.00	4,532,155.00
	Adults with Poor Dental Health	102,454.00	915,359.00
	Adults with Poor Dental Health, Percent	21.9%	20.2%
Poor General Health	Population Age 18+	474,127.00	4,532,155.00
	Estimated Population with Poor or Fair Health	93,649	765,934
	Fair or Poor Health, Crude Percentage	19.80%	16.90%
	Fair or Poor Health, Age-Adjusted Percentage	19.10%	16.00%
Poor Mental Health	Total Population (Age 18+)	474,127.00	4,532,155.00
	Total Mentally Unhealthy Days	1,680,927	17,222,189
	Average Mentally Unhealthy Days	3.80	3.80
STI - Chlamydia Incidence (CDC)	Total Population	635,502	6,113,532
	Chlamydia Infections	2,443	34,728
	Chlamydia Infections, Rate per 100,000 Pop.	384.40	568.1
STI - Chlamydia Incidence (MO)	Total Population	633,499	6,091,176
	Number of Reported Chlamydia Infections	2,280	31,982
	Chlamydia Infection Rate	392.62	572.79
STI - HIV Prevalence	Population Age 13+	524,217	5,139,738
	Population with HIV / AIDS	577	12,622
	Population with HIV / AIDS, Rate per 100,000 Pop.	110.07	245.6

Infant/Child Health

Data Indicator	Indicator Variable	Location Summary	State Average
Birth Outcomes - Infant Health	Total Live Births	7,564	75,104
	Low Birthweight Infants	564	6,163
	Percent Low Birthweight	7.46%	8.2%
Birth Outcomes - Infant Mortality	Total Births	40,790	399,460
	Infant Deaths	300	2,876
	Infant Mortality Rate (Per 1,000 Births)	7.40	7.20
Birth Outcomes - Low Birth Weight	Total Live Births	56,259	556,612
	Low Weight Births (Under 2500g)	4,232	44,529
	Low Weight Births, Percent	7.52%	8.00%
Birth Outcomes - Teen Births	Female Population, Age 15 - 19	21,307	206,847
	Births to Mothers Age 15 - 19	870	8,170
	Teen Births, Rate (Per 1,000 Population)	40.83	39.50
Breastfeeding (Any)	Total Population (Age 0 - 5)	No data	444,490
	Number Ever Breastfed	No data	340,121
	Percent Ever Breastfed	No data	77.00%
Breastfeeding (Exclusive)	Total Population (Age 0 - 5)	No data	444,490
	Number Exclusively Breastfed	No data	6,462
	Percent Exclusively Breastfed	No data	1.00%
Vulnerable Children - Child Abuse and Neglect	Substantiated Incidents	549	3,819
	Substantiated Children	738	5,225
Vulnerable Children - Homeless Children	HomelessYear2013-2014	1,916	29,199
	HomelessYear2014-2015	2,236	30,429
	HomelessYear2015-2016	2,305	31,816
	HomelessYear2016-2017	2,201	33,246
	HomelessYear2017-2018	2,209	35,532
Vulnerable Children - Juvenile Court Referrals	Number of Referrals	6,138	45,666
	Referrals per 100 PersonsAge 10 to 19	7.15	5.79
Youth Substance Abuse Hospitalizations	Youth Population	No data	
	Hospitalization Rate per 100,000	No data	

<https://allthingsmissouri.org>, 1/25/2021