



PDMP Brief – Q1 2020 – Clay County

The St. Louis County Prescription Drug Monitoring Program (PDMP) monitors the prescribing and dispensing of schedule II-IV controlled substances to assist in the identification and prevention of prescription drug misuse and abuse. The program’s goals are to 1) improve controlled substance prescribing, 2) inform clinical practice, and 3) reduce the number of people who misuse or overdose.

The St. Louis County PDMP launched on April 25, 2017, with 14 jurisdictions participating in the initial implementation. Saint Louis County Department of Public Health (DPH) operates the PDMP on behalf of all participating jurisdictions. As of March 31, 2020, 75 jurisdictions have enacted legislation to participate in the St. Louis County PDMP.

As of 3/31/2020, there are over 16,000 approved users within the system. Figure 1 represents approved user counts for the total PDMP by quarter, as well as the average number of patient searches performed per day. System utilization has increased as both the number of approved users and participating jurisdictions have increased. In Q1 2020, over 9,900 patient searches were performed daily by healthcare providers. Increasing utilization of the PDMP is a continued focus of DPH.

Figure 1. PDMP registration and utilization by quarter.

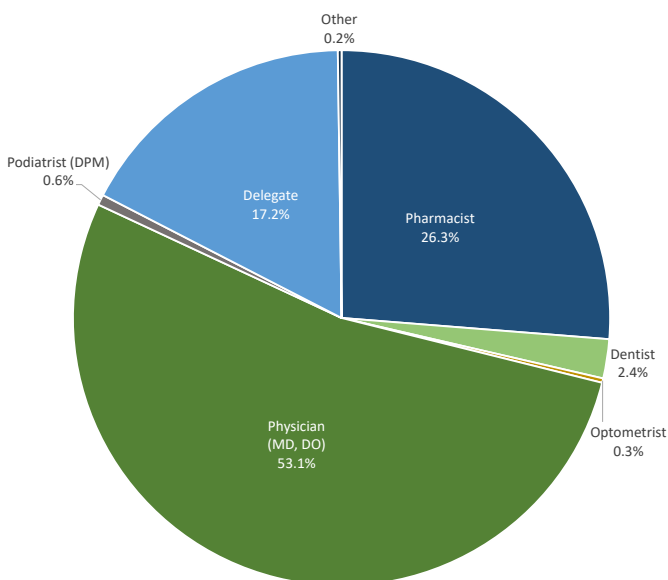
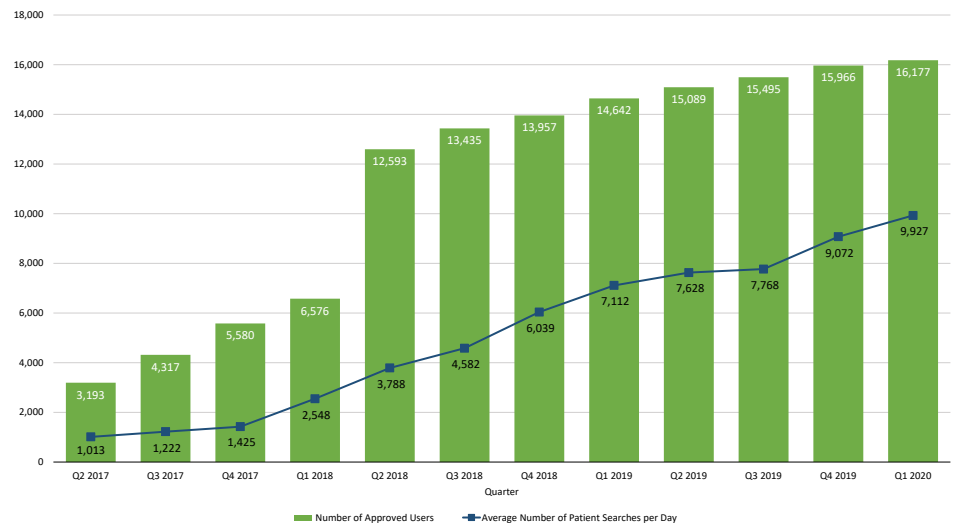


Figure 2. PDMP approved user counts by user role.

Figure 2 represents approved users by role. As of 3/31/2020, there were more than 16,000 approved users in the PDMP. The increase in users in Q2 2018 was a result of mass provider registration; mass registration is where a health system, hospital, medical group, or healthcare practice can bulk register their healthcare providers in the PDMP.

53% of PDMP users are prescribers (physicians, dentists, optometrists, and podiatrists).

26% of users are pharmacists.

Additional information on the PDMP can be found at www.stlouisco.com/PDMP or by contacting DPH at PDMP.DPH@stlouisco.com or 314-615-0522.



Opioid Dispensations

Across all age groups, opioids were the most frequently prescribed schedule II-IV controlled substance drug type. Opioids comprise 42.5% of all controlled substances dispensed. Hydrocodone, oxycodone, and tramadol were the three most frequently prescribed opioids (88.8% of opioid prescriptions).

Clay County's opioid dispensation rate was 548.4 per 1,000 population which is significantly lower than the total system (614.0 per 1,000 population).

Figure 3. Opioid dispensation rates per 1,000 by patient location.

Figure 3 represents opioid dispensation rates per 1,000 population for each jurisdiction compared to the total system. Jurisdictions were categorized as either higher, lower, or not different than the overall dispensation rate based on statistical significance at $\alpha = .05$.

*Rates represent projected annual rates based on one quarter of data.

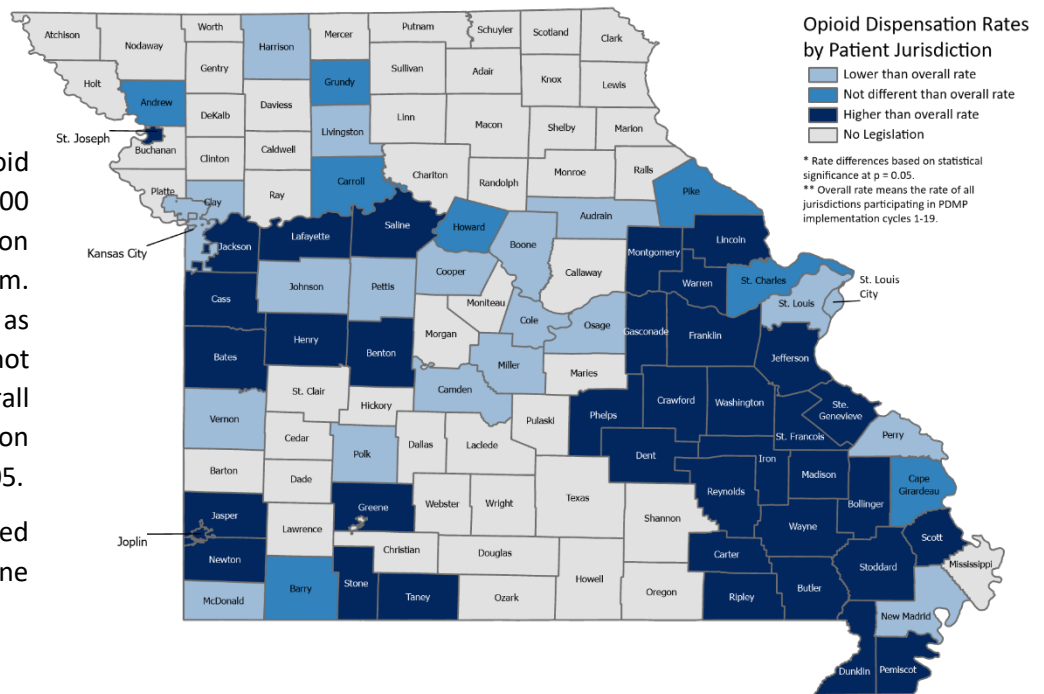
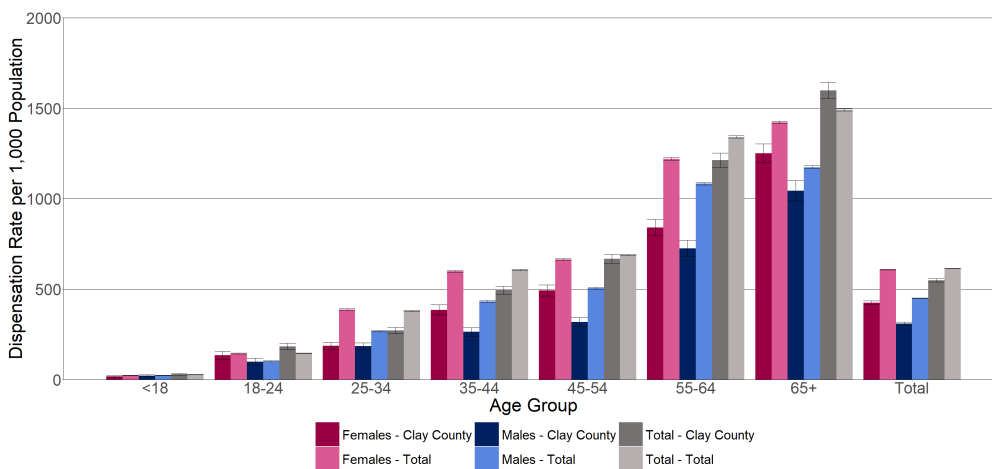


Figure 4. Opioid dispensation rates per 1,000 by age and gender.



Opioid dispensation rates increase as patient age increases.

Females received higher rates of opioid prescriptions than males across most age groups as displayed in Figure 4.

Across genders captured, Clay County residents aged 65+ received the highest rates of opioids compared to all other age groups – about 1.6 opioid prescriptions per Clay County resident aged 65+.



Table 1a. Opioid dispensation rates per 1,000 population by jurisdiction, age, and gender; jurisdictions A-K.

	<18		18-24		25-34		35-44		45-54		55-64		65+		Total	
	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI
Andrew County	30.7	(20.1, 41.4)	128.0	(89.3, 166.8)	385.1	(329.3, 440.9)	564.4	(501.7, 627.2)	604.3	(545.6, 663.0)	1019.3	(937.4, 1101.2)	1542.7	(1448.7, 1636.7)	602.4	(579.3, 625.5)
Female	31.8	(16.2, 47.4)	78.7	(35.9, 121.4)	301.7	(232.5, 370.9)	432.3	(354.7, 510.0)	483.1	(409.1, 557.0)	967.1	(853.6, 1080.5)	1533.8	(1409.4, 1658.2)	568.7	(537.1, 600.2)
Male	20.5	(8.4, 32.5)	104.5	(54.8, 154.1)	248.7	(184.7, 312.7)	438.8	(360.6, 517.0)	443.1	(371.7, 514.5)	795.9	(694.2, 897.7)	1205.5	(1079.0, 1332.0)	441.2	(413.0, 469.4)
Audrain County	15.1	(9.0, 21.1)	136.7	(104.9, 168.5)	394.7	(351.4, 437.9)	515.7	(465.3, 567.0)	679.9	(625.9, 733.8)	1109.6	(1034.7, 1184.5)	1190.0	(1123.1, 1256.9)	546.2	(528.1, 564.3)
Female	20.2	(10.0, 30.4)	169.7	(122.3, 217.2)	377.6	(323.1, 432.2)	530.9	(463.2, 598.7)	803.3	(723.0, 883.7)	1270.5	(1159.1, 1382.0)	1322.2	(1230.0, 1414.3)	628.7	(602.1, 655.2)
Male	10.6	(3.7, 17.5)	95.4	(55.6, 135.3)	377.3	(310.6, 444.0)	495.5	(420.1, 570.9)	539.1	(468.8, 609.3)	937.3	(805.2, 1059.9)	1000.6	(905.2, 1095.9)	445.2	(421.1, 469.2)
Barry County	17.1	(11.6, 22.6)	136.5	(108.8, 164.3)	400.3	(359.4, 441.3)	595.8	(549.1, 642.6)	658.7	(615.1, 702.2)	1301.5	(1236.8, 1366.2)	1268.1	(1212.3, 1323.8)	622.5	(606.1, 638.9)
Female	19.9	(11.4, 28.4)	172.4	(127.3, 217.6)	467.7	(405.4, 529.9)	685.9	(615.3, 756.6)	706.7	(624.3, 771.1)	1260.5	(1170.9, 1350.0)	1365.9	(1287.3, 1444.4)	678.5	(654.4, 702.6)
Male	14.5	(7.4, 21.6)	101.0	(68.0, 134.0)	324.7	(272.2, 377.2)	487.0	(402.0, 547.0)	605.1	(546.6, 663.6)	1331.6	(1238.5, 1424.8)	1138.1	(1060.0, 1216.2)	557.8	(535.8, 579.8)
Bates County	29.1	(18.9, 39.4)	178.9	(131.9, 226.1)	408.8	(350.7, 467.0)	725.6	(650.1, 801.1)	823.6	(754.0, 893.2)	1761.0	(1647.9, 1874.0)	1588.6	(1498.7, 1678.5)	774.2	(747.8, 800.7)
Female	29.1	(14.4, 43.8)	228.5	(144.0, 293.1)	383.4	(303.3, 463.6)	852.7	(735.7, 969.7)	942.8	(837.7, 1047.9)	1663.0	(1510.0, 1826.0)	1696.1	(1572.2, 1820.6)	748.9	(805.1, 882.5)
Male	27.4	(13.5, 41.3)	108.6	(59.0, 160.9)	395.3	(315.0, 475.7)	528.0	(439.9, 618.1)	617.3	(532.2, 702.9)	1744.4	(1582.7, 1906.1)	1408.0	(1330.0, 1536.0)	651.8	(617.3, 686.4)
Benton County	31.4	(19.6, 43.3)	148.4	(102.4, 194.4)	525.5	(488.8, 602.9)	614.2	(543.4, 685.1)	1046.0	(971.4, 1120.6)	1528.6	(1446.2, 1611.0)	1645.1	(1573.5, 1716.6)	975.0	(947.0, 1003.1)
Female	28.8	(12.5, 45.1)	147.0	(80.9, 213.1)	634.4	(514.7, 754.0)	653.5	(551.3, 755.7)	1144.9	(1034.4, 1256.4)	1406.1	(1295.8, 1516.3)	1791.3	(1686.2, 1896.4)	1026.9	(986.2, 1067.0)
Male	31.7	(15.1, 48.3)	149.7	(85.7, 213.8)	382.1	(290.7, 475.6)	516.8	(424.0, 609.7)	783.2	(692.9, 873.5)	1565.3	(1445.8, 1684.8)	1430.4	(1325.6, 1525.3)	855.8	(818.7, 922.6)
Bollinger County	24.7	(13.3, 36.1)	179.7	(126.0, 233.4)	477.2	(401.4, 553.1)	746.7	(659.7, 833.7)	750.4	(673.5, 827.3)	1447.0	(1332.3, 1561.7)	1338.5	(1238.6, 1438.5)	699.5	(670.0, 729.0)
Female	31.0	(12.7, 49.3)	184.5	(104.4, 261.6)	580.8	(460.1, 701.4)	658.1	(544.1, 772.1)	717.0	(602.7, 812.2)	1327.0	(1171.3, 1482.7)	1286.9	(1153.2, 1421.5)	687.8	(646.5, 729.0)
Male	*	*	150.0	(80.7, 219.3)	326.8	(239.6, 413.9)	775.1	(648.0, 902.1)	659.9	(555.2, 756.6)	1419.8	(1259.4, 1580.2)	1243.8	(1103.3, 1384.3)	636.2	(596.4, 675.9)
Boone County	17.9	(15.0, 20.7)	70.9	(65.3, 76.6)	335.2	(320.7, 349.6)	599.5	(572.2, 621.7)	638.4	(617.2, 660.7)	1184.6	(1151.0, 1218.2)	1632.7	(1591.9, 1673.5)	484.6	(477.9, 491.4)
Female	17.5	(13.5, 21.5)	79.9	(71.7, 88.2)	399.7	(377.3, 422.1)	674.3	(641.3, 707.3)	713.3	(678.8, 743.7)	1222.8	(1175.5, 1270.2)	1766.3	(1710.3, 1823.2)	548.8	(538.8, 558.9)
Male	17.7	(13.8, 21.7)	57.8	(50.4, 65.2)	252.2	(234.6, 269.8)	494.3	(465.4, 523.2)	530.3	(500.9, 564.6)	1098.1	(1051.4, 1144.8)	1308.3	(1348.4, 1464.3)	398.0	(384.4, 408.6)
Butler County	30.9	(24.0, 37.8)	197.7	(168.4, 227.0)	527.5	(487.3, 567.8)	967.6	(913.9, 1021.3)	1006.9	(957.1, 1056.7)	1607.6	(1541.2, 1673.9)	1422.7	(1367.9, 1477.6)	801.0	(784.0, 817.9)
Female	32.1	(22.0, 42.2)	232.9	(187.9, 277.9)	616.1	(556.3, 675.9)	1039.1	(961.1, 1116.9)	1030.9	(960.6, 1101.1)	1570.8	(1480.2, 1661.5)	1341.4	(1270.7, 1412.2)	829.1	(801.1, 853.0)
Male	26.6	(17.7, 35.5)	85.8	(58.5, 113.1)	314.9	(269.6, 360.1)	683.6	(619.0, 748.1)	717.7	(657.4, 778.0)	1280.9	(1195.0, 1366.8)	1049.9	(978.3, 1121.5)	565.3	(544.8, 585.8)
Camden County	14.3	(9.2, 19.4)	63.3	(48.4, 81.8)	184.4	(158.1, 210.7)	300.8	(268.6, 327.1)	247.9	(224.3, 271.5)	441.6	(412.2, 471.0)	518.9	(498.2, 547.0)	284.0	(274.0, 293.9)
Female	15.5	(7.9, 23.2)	75.6	(46.5, 104.6)	245.0	(202.0, 287.9)	325.7	(278.4, 373.1)	268.3	(233.8, 302.8)	375.2	(337.8, 412.7)	585.0	(541.7, 628.3)	301.5	(280.0, 315.9)
Male	13.1	(6.2, 20.0)	49.1	(26.4, 71.8)	101.0	(73.6, 125.5)	259.3	(163.2, 224.4)	192.8	(139.0, 247.2)	432.1	(390.0, 474.2)	403.2	(367.7, 440.1)	232.8	(220.4, 245.6)
Cape Girardeau County	39.0	(30.3, 45.1)	117.0	(104.0, 130.1)	458.3	(431.4, 485.5)	658.1	(624.2, 691.9)	673.8	(642.2, 705.3)	1209.3	(1163.7, 1254.8)	1482.0	(1436.2, 1527.8)	607.0	(595.9, 618.1)
Female	39.3	(30.7, 47.9)	109.4	(91.9, 126.8)	451.2	(412.9, 489.5)	586.2	(541.4, 631.0)	665.9	(621.9, 709.9)	1253.5	(1188.9, 1318.2)	1406.5	(1340.0, 1465.1)	610.4	(594.9, 625.9)
Male	28.4	(21.2, 35.5)	79.4	(63.8, 95.0)	384.8	(349.6, 420.0)	567.9	(518.3, 607.5)	531.9	(492.0, 571.9)	900.5	(844.0, 958.9)	1313.3	(1246.6, 1380.1)	478.2	(464.0, 492.4)
Carroll County	32.8	(17.7, 48.0)	236.0	(161.0, 311.1)	383.8	(306.7, 461.0)	577.5	(488.8, 666.2)	848.0	(748.5, 947.5)	1121.3	(1003.6, 1238.9)	1166.9	(1066.6, 1267.3)	628.7	(586.5, 661.0)
Female	*	*	183.5	(90.0, 276.3)	218.3	(137.5, 299.2)	651.5	(519.1, 783.9)	849.2	(707.5, 990.9)	1079.7	(915.4, 1243.9)	1189.6	(1054.6, 1324.7)	622.8	(578.0, 667.7)
Male	50.4	(24.0, 76.8)	201.9	(103.0, 300.8)	150.9	(81.2, 220.7)	200.7	(126.4, 275.1)	498.5	(391.3, 605.7)	709.3	(533.4, 787.2)	684.3	(568.3, 801.0)	349.2	(314.8, 383.6)
Carters County	26.4	(10.0, 42.8)	174.2	(103.8, 245.5)	553.0	(438.7, 667.2)	622.0	(508.8, 735.2)	804.3	(689.6, 918.9)	1694.7	(1519.1, 1870.2)	1519.2	(1369.4, 1669.1)	754.0	(711.0, 797.0)
Female	31.0	(6.2, 55.8)	247.3	(129.7, 364.8)	601.9	(431.6, 772.2)	622.7	(463.8, 781.6)	821.7	(746.3, 1097.2)	1573.0	(1340.0, 1806.1)	1432.6	(1235.0, 1632.4)	761.4	(701.0, 821.7)
Male	*	*	94.9	(19.0, 170.8)	385.5	(252.0, 519.1)	610.4	(450.5, 770.2)	616.7	(476.2, 757.2)	1520.0	(1278.4, 1761.6)	1452.3	(1237.1, 1667.5)	653.4	(596.7, 710.7)
Cass County	33.9	(29.4, 38.3)	174.3	(155.5, 193.1)	355.7	(334.4, 377.0)	622.4	(595.5, 649.3)	699.0	(672.5, 725.6)	1507.4	(1462.3, 1552.5)	1607.4	(1603.7, 1690.4)	651.8	(641.7, 661.8)
Female	24.7	(19.3, 30.1)	129.0	(105.8, 152.3)	242.4	(218.0, 266.9)	429.4	(398.1, 460.8)	520.0	(487.8, 552.1)	1120.3	(1066.6, 1174.1)	1463.8	(1409.2, 1518.8)	530.2	(517.3, 542.9)
Male	23.0	(17.9, 28.1)	81.7	(63.8, 99.6)	183.5	(161.6, 205.5)	345.4	(316.8, 374.0)	351.5	(324.7, 378.3)	950.5	(898.6, 1002.4)	1050.5	(1025.7, 1102.7)	370.1	(359.6, 381.0)
City of Joplin	48.4	(40.3, 56.5)	167.1	(147.1, 187.0)	546.5	(512.6, 580.5)	983.5	(932.7, 1038.2)	1249.3	(1194.5, 1304.2)	2458.2	(2374.9, 2541.5)	2151.3	(2084.5, 2218.1)	970.5	(953.3, 987.8)
Female	51.6	(39.7, 63.5)	189.1	(159.9, 218.5)	623.6	(571.6, 675.6)	1016.0	(943.1, 1084.9)	1188.3	(1113.7, 1262.9)	2594.2	(2477.4, 2710.9)	2128.7	(2043.5, 2213.8)	1041.1	(1016.4, 1065.9)
Male	39.7	(29.9, 50.0)	117.5	(93.4, 141.7)	399.1	(358.6, 439.7)	862.0	(794.8, 929.3)	1104.9	(1030.9, 1178.9)	2028.6	(1917.3, 2139.9)	1905.7	(1805.4, 2006.1)	777.4	(755.1, 799.7)
City of St. Joseph	26.9	(22.1, 31.7)	120.9	(111.1, 140.6)	543.6	(515.9, 571.9)	809.4	(776.6, 846.1)	897.7	(861.7, 934.6)	1826.8	(1769.1, 1884.5)	1707.9	(1659.1, 1757.6)	756.2	(742.9, 768.5)
Female	27.4	(14.8, 35.8)	120.4	(99.2, 141.0)	481.2	(442.9, 519.6)	659.6	(629.9, 686.6)	747.3	(702.9, 794.6)	1397.2	(1327.1, 1461.4)	1395.5	(1		



Table 1b. Opioid dispensation rates per 1,000 population by jurisdiction, age, and gender; jurisdictions L-Z.

	<18		18-24		25-34		35-44		45-54		55-64		65+		Total	
	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI
Lafayette County	35.2	(27.1, 43.3)	213.6	(178.4, 248.9)	504.0	(458.0, 550.0)	647.5	(598.3, 696.7)	830.4	(780.8, 880.0)	1504.0	(1429.0, 1579.0)	1093.4	(1038.1, 1148.7)	654.5	(637.1, 671.9)
Female	25.2	(15.3, 35.0)	164.2	(119.5, 208.8)	435.2	(374.6, 495.8)	593.6	(527.9, 659.4)	753.7	(686.4, 821.0)	1119.0	(1028.7, 1209.3)	1005.9	(934.9, 1076.9)	575.3	(552.4, 598.2)
Male	22.8	(13.7, 31.9)	160.2	(117.3, 202.6)	306.7	(256.1, 357.3)	390.2	(335.4, 445.0)	470.9	(418.4, 523.4)	1106.0	(1013.8, 1198.2)	732.8	(664.7, 800.9)	418.0	(398.2, 437.7)
Lincoln County	29.9	(24.3, 35.5)	220.5	(192.4, 248.6)	579.2	(534.3, 615.1)	815.5	(773.1, 857.9)	947.4	(905.5, 989.2)	2195.1	(2117.8, 2272.4)	2093.4	(2018.4, 2168.5)	823.9	(808.4, 839.4)
Female	35.2	(26.5, 43.9)	246.5	(204.6, 288.4)	655.3	(602.0, 708.7)	1016.4	(949.3, 1083.5)	1025.3	(963.4, 1087.2)	2105.8	(1999.3, 2212.2)	2155.8	(2052.1, 2259.6)	891.3	(868.5, 914.1)
Male	23.8	(16.8, 30.7)	175.2	(139.6, 210.8)	456.0	(410.5, 501.5)	552.2	(500.9, 601.4)	781.5	(728.0, 835.0)	2088.8	(1981.6, 2195.9)	1912.7	(1807.1, 2018.3)	693.8	(673.7, 714.0)
Livingston County	28.8	(17.3, 40.4)	85.1	(51.7, 118.5)	285.3	(237.5, 333.0)	458.0	(397.6, 518.4)	706.2	(635.0, 777.4)	1123.6	(1029.1, 1218.2)	1308.7	(1223.5, 1394.0)	587.8	(563.4, 612.2)
Female	28.7	(12.5, 45.0)	91.5	(43.6, 139.4)	261.8	(202.5, 321.0)	469.5	(399.7, 549.4)	801.3	(700.2, 902.5)	1242.2	(1105.7, 1378.7)	1546.7	(1425.0, 1668.4)	673.8	(638.7, 708.9)
Male	26.5	(10.8, 42.2)	78.2	(32.0, 124.3)	309.7	(231.3, 388.0)	411.5	(322.5, 500.6)	562.9	(466.9, 658.9)	981.3	(852.5, 1110.1)	955.2	(842.7, 1067.7)	468.2	(435.6, 500.7)
Madison County	38.2	(41.1, 52.4)	177.8	(126.9, 229.2)	682.0	(593.8, 770.1)	942.7	(840.8, 1044.6)	1081.2	(986.0, 1176.4)	2173.2	(2024.6, 2321.7)	1901.2	(1785.1, 2017.4)	975.3	(940.3, 1010.3)
Female	45.2	(23.1, 67.4)	220.3	(147.9, 312.7)	811.9	(675.5, 948.4)	1106.7	(952.2, 1261.3)	1163.8	(1025.0, 1302.6)	2018.2	(1817.4, 2219.0)	2156.4	(1930.8, 2382.4)	1084.1	(1032.4, 1135.9)
Male	29.0	(11.9, 46.3)	116.7	(57.7, 175.8)	547.9	(436.5, 659.2)	701.8	(576.2, 827.3)	974.6	(846.1, 1103.1)	2141.9	(2026.8, 2257.1)	1508.8	(1358.8, 1663.8)	826.1	(780.1, 872.0)
McDonald County	18.5	(11.9, 25.2)	123.6	(92.4, 154.9)	205.6	(171.7, 239.6)	355.0	(312.5, 397.5)	694.4	(637.3, 749.4)	1096.0	(1015.9, 1176.2)	1459.0	(1370.8, 1547.1)	495.4	(477.3, 513.6)
Female	16.6	(7.6, 25.7)	131.3	(84.3, 178.3)	240.6	(188.6, 292.7)	406.7	(341.6, 470.7)	865.7	(776.4, 955.0)	1177.2	(1059.9, 1294.5)	1695.3	(1565.1, 1825.5)	586.9	(558.8, 615.0)
Male	19.1	(9.8, 28.5)	112.8	(71.8, 153.9)	171.0	(127.4, 214.7)	304.1	(249.2, 362.1)	505.8	(438.7, 572.9)	984.0	(876.5, 1091.4)	1172.5	(1057.0, 1287.9)	396.5	(373.7, 419.4)
Miller County	17.8	(11.1, 24.5)	106.2	(76.8, 135.6)	285.5	(245.6, 325.4)	349.1	(307.0, 391.2)	555.4	(507.4, 603.4)	999.9	(930.3, 1069.6)	936.6	(875.5, 997.7)	449.0	(432.2, 465.8)
Female	19.1	(9.1, 29.2)	139.2	(91.0, 187.5)	327.8	(267.3, 388.2)	409.9	(345.4, 474.5)	588.3	(518.3, 658.2)	1047.3	(946.9, 1147.7)	982.2	(897.6, 1066.8)	495.3	(470.4, 520.2)
Male	15.2	(6.6, 23.9)	70.6	(37.0, 104.1)	194.1	(147.6, 240.5)	261.8	(210.3, 313.4)	485.8	(422.3, 549.3)	827.1	(737.2, 917.0)	840.0	(754.0, 926.1)	365.1	(343.6, 386.5)
Montgomery County	15.4	(6.3, 24.5)	239.4	(173.7, 305.2)	432.4	(360.8, 504.1)	575.6	(495.4, 655.8)	764.7	(687.1, 842.3)	1503.4	(1384.1, 1627.2)	1403.3	(1306.2, 1500.4)	714.3	(684.3, 744.2)
Female	17.9	(3.6, 32.1)	225.6	(131.4, 319.9)	557.7	(444.4, 671.1)	613.1	(493.5, 732.6)	829.3	(715.5, 943.1)	1575.0	(1572.1, 1941.8)	1517.1	(1382.4, 1651.9)	823.8	(778.3, 869.3)
Male	*	*	242.4	(152.6, 332.2)	293.0	(200.4, 424.7)	530.0	(424.4, 636.6)	637.0	(536.4, 737.6)	1243.7	(1092.2, 1367.2)	1253.5	(1114.8, 1392.1)	589.1	(550.6, 627.5)
New Madrid County	14.2	(7.2, 21.1)	99.8	(68.1, 131.5)	321.0	(273.3, 368.7)	523.2	(464.7, 581.8)	581.5	(525.4, 637.6)	991.3	(913.5, 1069.0)	1291.3	(1210.6, 1372.0)	539.1	(518.2, 560.0)
Female	16.3	(5.7, 27.0)	131.8	(80.1, 183.4)	262.9	(203.4, 329.7)	415.7	(330.7, 507.7)	716.0	(600.8, 802.1)	1067.3	(955.3, 1179.3)	1331.1	(1233.5, 1438.7)	594.6	(564.2, 625.1)
Male	10.4	(2.1, 18.7)	52.4	(19.9, 84.8)	319.4	(250.2, 388.5)	417.8	(343.7, 491.9)	342.4	(280.1, 404.8)	843.0	(739.5, 946.0)	1101.7	(986.6, 1216.6)	414.1	(387.7, 440.6)
Newton County	29.8	(24.2, 35.3)	144.4	(123.6, 165.3)	361.6	(320.2, 390.9)	610.1	(574.0, 646.2)	835.3	(747.6, 823.0)	1483.8	(1427.7, 1546.0)	1653.4	(1599.8, 1706.9)	687.4	(673.9, 700.9)
Female	36.0	(27.1, 44.9)	153.4	(122.8, 183.9)	396.9	(353.6, 440.3)	731.6	(675.8, 787.4)	854.2	(798.9, 909.5)	1593.6	(1511.7, 1675.6)	1730.1	(1656.8, 1803.4)	772.4	(752.2, 792.5)
Male	22.7	(16.0, 29.4)	121.9	(95.0, 148.7)	286.1	(249.1, 323.0)	460.6	(416.1, 505.1)	684.2	(589.8, 686.6)	1307.7	(1232.9, 1382.5)	1465.1	(1389.2, 1541.0)	560.2	(545.2, 577.5)
Osage County	28.0	(16.8, 39.2)	177.0	(109.0, 193.7)	238.4	(189.2, 287.7)	354.8	(299.8, 409.7)	442.3	(385.7, 499.0)	900.8	(809.0, 992.6)	991.8	(906.2, 1077.5)	415.6	(394.2, 437.1)
Female	36.0	(17.8, 54.2)	251.0	(183.3, 370.1)	333.3	(248.3, 418.4)	502.3	(408.8, 595.7)	500.5	(412.1, 589.0)	900.3	(767.3, 1033.3)	1035.9	(917.9, 1153.9)	489.0	(455.4, 527.6)
Male	20.4	(7.1, 33.7)	74.6	(36.9, 112.4)	139.7	(87.9, 191.4)	204.3	(145.9, 262.8)	391.9	(319.0, 464.8)	859.5	(735.6, 983.3)	912.2	(789.7, 1034.7)	336.9	(310.1, 363.7)
Pemiscot County	16.7	(9.5, 23.8)	121.7	(87.7, 155.8)	478.9	(419.6, 538.3)	891.8	(811.8, 971.7)	1312.4	(1223.5, 1401.3)	2341.9	(2213.3, 2427.2)	1892.3	(1788.4, 1996.2)	914.5	(880.3, 942.7)
Female	22.6	(10.8, 34.5)	166.7	(111.4, 221.9)	538.5	(452.9, 624.1)	1008.1	(890.0, 1126.2)	1399.7	(1272.3, 1527.1)	2286.2	(2110.6, 2461.8)	1809.9	(1677.1, 1942.6)	962.5	(923.2, 1001.8)
Male	12.0	(2.8, 19.1)	72.7	(34.6, 110.8)	408.8	(338.3, 484.6)	743.5	(638.3, 848.6)	1208.2	(1085.1, 1331.3)	2395.4	(2207.0, 2583.8)	2009.0	(1842.6, 2175.4)	856.5	(815.3, 890.4)
Perry County	35.3	(24.6, 45.9)	181.6	(138.4, 225.0)	343.0	(293.4, 391.2)	491.6	(435.2, 548.0)	454.1	(403.9, 504.2)	943.8	(865.2, 1022.4)	1037.8	(964.4, 1111.2)	470.8	(451.3, 490.4)
Female	38.2	(22.2, 54.2)	240.0	(167.4, 312.6)	397.8	(324.5, 472.2)	500.9	(419.6, 582.1)	511.2	(435.9, 586.5)	1067.8	(949.1, 1103.6)	1007.7	(911.8, 1103.6)	518.2	(489.3, 547.2)
Male	32.5	(18.3, 46.8)	108.2	(61.9, 154.5)	280.2	(220.0, 341.6)	462.8	(386.1, 539.5)	382.7	(317.7, 447.8)	818.3	(715.2, 921.4)	1046.2	(934.0, 1158.4)	410.9	(385.1, 436.7)
Pettis County	27.1	(20.9, 33.3)	166.0	(140.9, 191.3)	369.4	(326.0, 402.0)	513.1	(473.2, 561.3)	643.0	(602.8, 683.1)	1201.7	(1139.8, 1263.6)	1201.7	(1171.7, 1386.4)	555.4	(541.2, 569.7)
Female	24.8	(16.4, 33.3)	185.4	(147.6, 223.1)	381.0	(333.9, 428.2)	526.4	(469.1, 583.7)	547.2	(494.6, 599.8)	1081.2	(998.4, 1163.9)	1225.0	(1152.4, 1297.6)	534.4	(514.8, 553.9)
Male	21.9	(14.1, 29.8)	89.3	(62.9, 115.7)	221.9	(186.4, 257.4)	279.7	(238.2, 321.3)	493.7	(444.1, 543.3)	837.4	(744.1, 910.8)	1113.1	(1032.6, 1193.7)	388.1	(371.1, 405.1)
Phelps County	22.9	(16.9, 28.9)	78.7	(66.2, 91.1)	489.4	(452.6, 526.3)	951.3	(896.1, 1006.4)	991.3	(929.5, 1028.7)	1946.5	(1868.9, 2024.1)	1915.2	(1846.1, 1984.4)	787.8	(771.4, 806.2)
Female	26.6	(17.3, 36.0)	125.6	(99.0, 152.1)	518.4	(463.1, 573.7)	936.5	(859.2, 1013.8)	941.3	(873.5, 1009.0)	1896.1	(1789.1, 2028.2)	1823.2	(1732.9, 1913.4)	841.7	(817.2, 866.2)
Male	18.8	(8.1, 21.4)	40.5	(29.9, 51.6)	340.5	(298.2, 382.8)	703.7	(636.5, 770.9)	805.1	(740.6, 869.6)	1653.4	(1551.1, 1755.6)	1703.6	(1605.4, 1801.7)	592.8	(573.1, 612.4)
Pike County	30.2	(19.6, 40.8)	171.8	(131.0, 212.7)	286.3	(243.9, 328.7)	531.4	(471.2, 590.6)	650.1	(591.5, 708.8)	1338.6	(1230.5, 1433.7)	1277.8	(1195.4, 1360.4)	591.1	(568.9, 613.2)
Female	29.0	(13.4, 43.3)	244.3	(168.6, 320.0)	413.6	(331.3, 496.0)	639.9	(571.3, 709.3)	934.0	(834.5, 1041.5)	1472.5	(1328.8, 1615.1)</				