



PDMP Brief – Q4 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 December 31, 2020, 75 jurisdictions have enacted legislation to participate in the St. Louis County PDMP.

As of 12/31/2020, there are over 17,500 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 the number of approved users has increased. In Q4 2020, over 10,250 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.

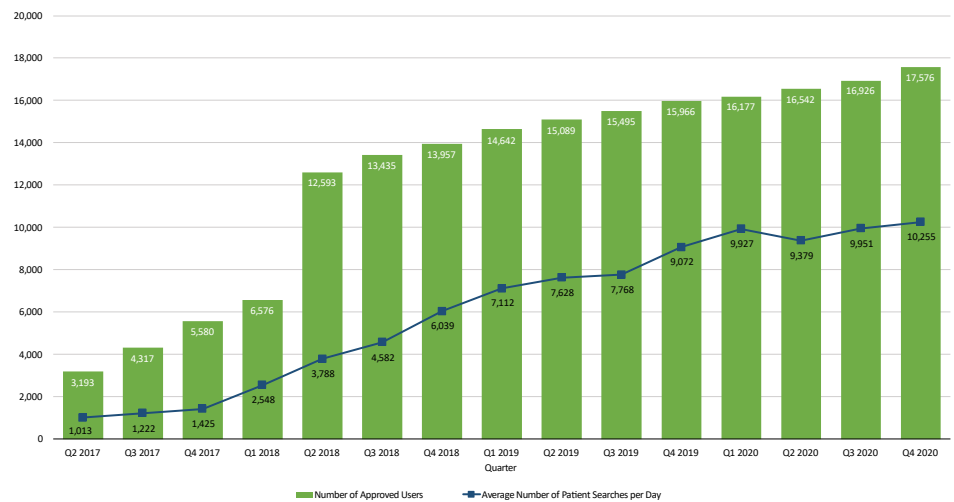


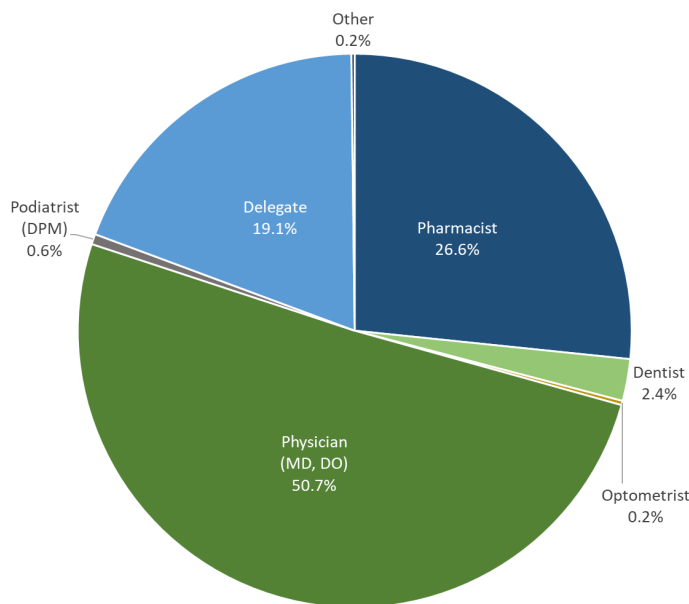
Figure 2. PDMP approved user counts by user role.

Figure 2 represents approved users by role. As of 12/31/2020, there were more than 17,500 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.

54% of PDMP users are prescribers (physicians, dentists, optometrists, and podiatrists).

26.6% 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 (89.1% of opioid prescriptions).

Clay County’s opioid dispensation rate was 547.1 per 1,000 population which is significantly lower than the total system (606.4 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.

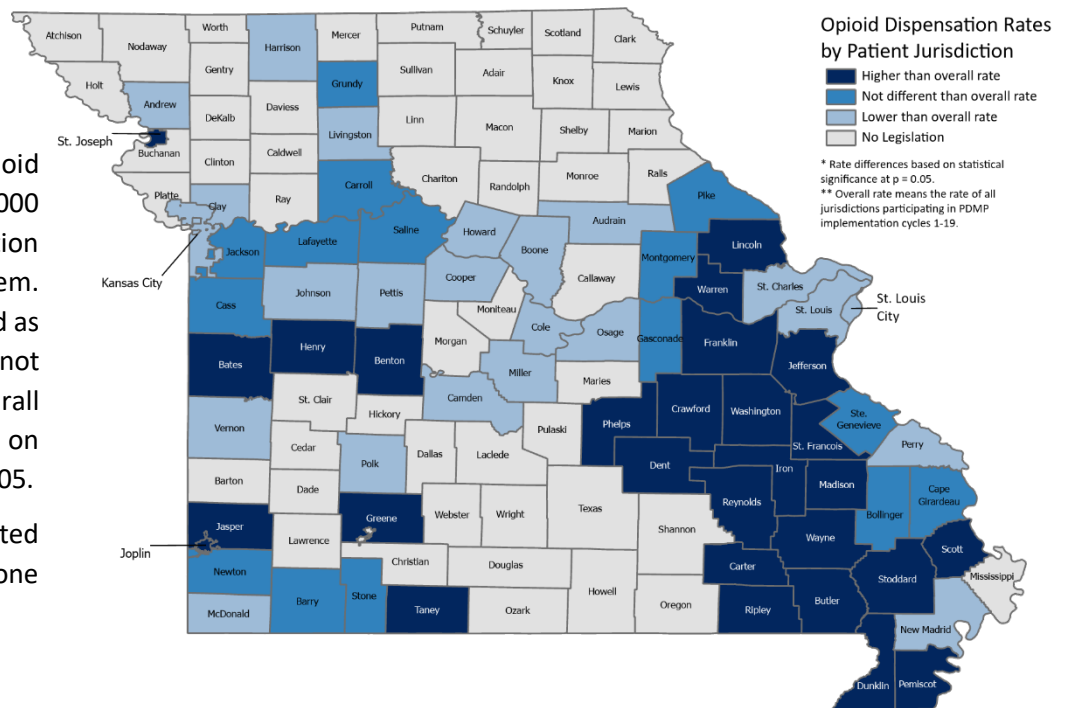
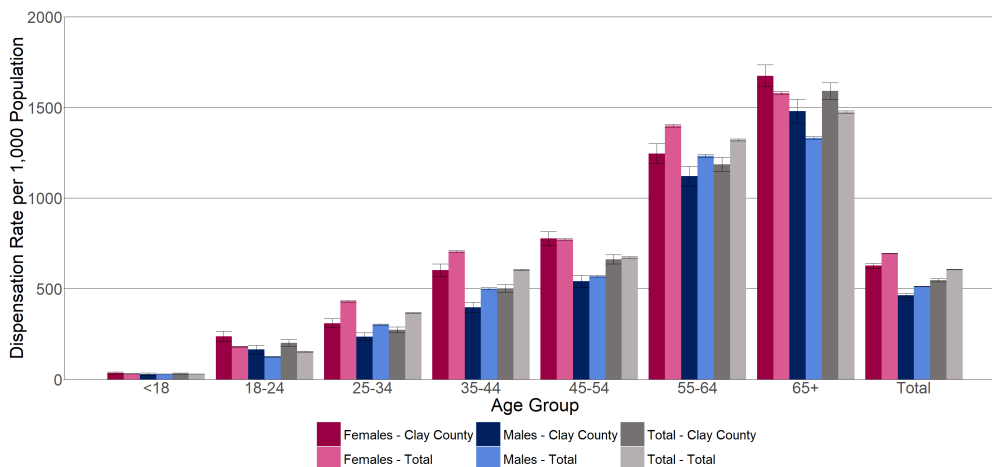


Figure 4. Opioid dispensation rates per 1,000 by age and gender.



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	23.1	(13.8, 32.3)	125.0	(86.7, 163.3)	355.6	(302.0, 409.2)	533.6	(472.6, 594.6)	530.1	(475.1, 585.1)	978.2	(897.9, 1058.4)	1435.3	(1344.6, 1526.0)	559.4	(537.1, 581.7)
Female	25.8	(11.8, 39.9)	145.2	(87.1, 203.3)	425.6	(343.4, 507.8)	563.1	(474.5, 651.8)	583.2	(502.0, 664.4)	1022.5	(905.8, 1139.2)	1491.8	(1369.1, 1614.5)	617.9	(585.0, 650.8)
Male	20.5	(8.4, 32.5)	104.5	(54.8, 154.1)	283.0	(214.7, 351.2)	504.1	(420.3, 587.9)	476.0	(402.1, 550.0)	934.8	(824.5, 1045.1)	1361.0	(1226.6, 1495.4)	499.0	(469.0, 529.0)
Audrain County	17.0	(10.6, 23.4)	132.9	(101.5, 164.2)	386.1	(343.4, 428.8)	569.6	(516.6, 622.6)	718.9	(663.4, 774.3)	1246.5	(1167.1, 1325.9)	1279.1	(1209.8, 1348.5)	587.9	(569.1, 606.7)
Female	21.5	(11.0, 32.1)	173.2	(125.3, 221.2)	418.7	(361.2, 476.1)	553.4	(484.3, 622.6)	803.3	(723.0, 883.7)	1402.9	(1285.8, 1520.1)	1389.1	(1294.6, 1483.5)	664.8	(637.5, 692.0)
Male	13.0	(5.3, 20.6)	82.4	(45.4, 119.5)	334.4	(271.6, 397.1)	585.1	(503.2, 667.0)	622.5	(547.6, 698.1)	1079.0	(972.7, 1185.3)	1123.6	(1022.5, 1224.6)	497.4	(471.9, 522.8)
Barry County	17.6	(12.0, 23.2)	132.1	(104.8, 159.4)	516.0	(469.5, 562.5)	585.3	(539.0, 631.7)	627.9	(585.4, 670.4)	1320.8	(1255.6, 1386.0)	1281.5	(1225.4, 1337.5)	633.3	(616.8, 649.8)
Female	13.2	(6.3, 20.2)	166.3	(121.9, 210.6)	642.2	(569.3, 715.2)	676.5	(606.3, 746.6)	752.6	(686.1, 819.1)	1354.9	(1262.0, 1447.7)	1408.2	(1328.4, 1484.9)	720.9	(696.1, 745.8)
Male	21.8	(13.1, 30.5)	101.0	(68.0, 134.0)	386.5	(329.3, 443.8)	483.2	(423.4, 542.9)	506.4	(452.9, 560.0)	1268.9	(1177.9, 1359.8)	1131.1	(1053.3, 1208.9)	548.8	(519.1, 562.5)
Bates County	24.4	(15.1, 33.8)	221.1	(168.4, 273.7)	393.8	(336.7, 450.8)	772.6	(697.7, 850.5)	681.2	(617.9, 745.5)	1770.4	(1657.1, 1883.8)	1627.0	(1536.0, 1718.0)	766.0	(739.8, 792.3)
Female	25.2	(11.5, 38.9)	304.6	(216.6, 392.7)	466.2	(377.9, 554.6)	1007.3	(880.1, 1134.5)	860.4	(760.0, 960.8)	1805.9	(1646.5, 1965.3)	1825.7	(1697.1, 1954.2)	905.8	(865.7, 948.7)
Male	23.7	(10.8, 36.6)	140.6	(81.8, 199.3)	323.1	(236.4, 395.7)	548.0	(456.2, 639.8)	500.8	(423.9, 577.6)	1732.7	(1571.5, 1893.9)	1371.7	(1245.4, 1498.0)	622.3	(588.6, 656.1)
Benton County	37.2	(24.3, 50.1)	181.8	(130.9, 232.0)	458.4	(386.7, 530.1)	584.5	(515.4, 653.6)	968.5	(896.8, 1040.3)	1588.7	(1504.7, 1673.7)	1649.1	(1577.5, 1720.8)	970.4	(942.4, 998.4)
Female	43.2	(23.2, 63.1)	208.9	(130.1, 287.7)	546.3	(435.2, 657.3)	736.7	(628.2, 845.3)	1198.6	(1084.5, 1312.7)	1570.3	(1453.8, 1686.8)	1884.4	(1776.6, 1992.2)	1098.0	(1055.9, 1140.1)
Male	31.7	(15.1, 48.2)	156.9	(91.3, 222.4)	371.6	(284.5, 462.6)	425.6	(341.4, 509.9)	742.5	(654.6, 830.5)	1596.2	(1475.5, 1716.9)	1399.3	(1306.5, 1493.1)	837.8	(801.1, 874.5)
Bollinger County	28.8	(16.5, 41.1)	142.1	(94.3, 189.9)	379.9	(312.2, 447.6)	588.4	(511.2, 665.6)	746.3	(669.6, 823.0)	1394.9	(1282.3, 1507.6)	1427.9	(1324.6, 1531.1)	675.2	(646.3, 704.2)
Female	25.4	(8.8, 41.9)	243.2	(154.7, 331.7)	463.3	(355.5, 571.1)	611.8	(509.1, 721.8)	865.2	(747.3, 983.1)	1369.8	(1211.6, 1528.0)	1418.9	(1277.5, 1560.2)	718.9	(676.6, 761.2)
Male	32.0	(13.9, 50.2)	*	*	302.6	(218.7, 386.4)	563.7	(455.3, 670.2)	631.8	(533.0, 730.6)	1419.8	(1259.4, 1580.2)	1438.0	(1286.9, 1589.1)	631.6	(592.0, 671.3)
Boone County	26.4	(23.0, 29.8)	75.5	(67.7, 81.4)	344.2	(329.6, 359.8)	602.7	(580.4, 625.0)	636.6	(614.4, 658.8)	1164.8	(1131.4, 1198.1)	1662.2	(1621.0, 1703.3)	489.7	(482.9, 496.5)
Female	27.4	(22.2, 32.4)	84.2	(75.7, 92.7)	420.9	(398.0, 443.9)	730.8	(696.4, 765.1)	749.8	(716.5, 783.1)	1222.8	(1175.5, 1270.2)	1756.1	(1700.3, 1812.0)	564.9	(554.5, 575.1)
Male	25.5	(20.8, 30.2)	65.4	(57.6, 73.3)	264.7	(246.7, 281.2)	469.3	(441.1, 497.4)	511.6	(482.7, 540.5)	1099.7	(1052.9, 1146.4)	1530.2	(1469.7, 1592.7)	408.4	(399.5, 417.3)
Butler County	31.3	(24.3, 38.2)	325.0	(203.1, 267.0)	497.2	(458.2, 536.3)	955.2	(901.9, 1008.6)	1022.3	(972.1, 1072.4)	1541.9	(1476.9, 1606.9)	1438.7	(1383.5, 1493.8)	795.4	(778.5, 812.3)
Female	31.3	(21.3, 41.3)	327.9	(274.5, 381.2)	594.9	(526.3, 667.2)	1146.8	(1065.0, 1228.5)	1171.7	(1096.8, 1246.6)	1613.1	(1521.2, 1670.9)	1609.5	(1532.0, 1687.0)	912.5	(892.2, 947.8)
Male	29.7	(20.3, 39.2)	135.5	(101.2, 169.8)	377.5	(327.9, 427.0)	709.0	(643.2, 774.7)	786.3	(723.2, 849.4)	1378.3	(1289.2, 1467.3)	1105.8	(1032.3, 1179.3)	611.8	(590.0, 632.2)
Camden County	11.9	(7.2, 16.6)	76.0	(55.7, 96.2)	145.4	(122.0, 168.7)	275.6	(244.7, 306.5)	235.6	(212.6, 258.6)	409.0	(380.7, 437.3)	609.0	(589.3, 628.3)	272.8	(260.5, 282.6)
Female	10.7	(4.4, 17.0)	113.4	(77.8, 149.0)	184.2	(147.0, 221.5)	291.7	(246.9, 336.5)	269.4	(234.8, 304.0)	410.3	(371.1, 449.5)	613.3	(569.0, 657.6)	306.7	(292.1, 321.3)
Male	13.1	(6.2, 20.0)	40.9	(20.2, 61.6)	106.8	(74.6, 135.1)	259.3	(216.8, 301.8)	201.1	(170.8, 231.3)	407.6	(366.7, 448.4)	443.6	(405.5, 483.1)	238.5	(225.5, 251.4)
Cape Girardeau County	39.0	(33.0, 45.1)	100.7	(88.6, 112.9)	474.3	(407.8, 546.8)	679.8	(645.4, 714.2)	686.9	(655.0, 718.7)	1293.7	(1246.6, 1340.8)	1559.5	(1512.5, 1606.6)	627.2	(615.9, 638.4)
Female	32.4	(24.6, 40.3)	115.2	(97.3, 133.1)	477.5	(408.1, 516.9)	807.5	(754.9, 860.1)	740.2	(693.7, 786.6)	1390.6	(1322.5, 1458.7)	1615.4	(1552.6, 1678.1)	698.3	(681.7, 714.8)
Male	45.4	(36.3, 54.5)	85.0	(68.9, 101.1)	391.5	(356.0, 427.0)	548.2	(504.2, 592.2)	631.9	(588.4, 675.5)	1190.8	(1125.9, 1255.7)	1481.0	(1410.2, 1551.9)	551.2	(536.0, 566.4)
Carroll County	31.0	(16.3, 45.8)	136.6	(79.5, 193.7)	424.2	(343.1, 505.4)	705.0	(607.1, 934.7)	835.9	(737.1, 934.7)	1278.7	(1153.1, 1404.3)	1381.3	(1208.8, 1421.9)	689.0	(655.2, 722.7)
Female	44.4	(19.3, 69.5)	122.3	(46.5, 138.1)	584.8	(452.4, 717.1)	931.7	(773.4, 1090.0)	996.9	(843.4, 1150.4)	1580.5	(1381.8, 1779.2)	1389.2	(1243.3, 1535.2)	826.2	(774.0, 877.9)
Male	*	*	151.4	(65.7, 237.1)	251.6	(161.5, 341.6)	473.1	(339.0, 578.4)	678.7	(553.2, 803.8)	984.1	(829.2, 1137.4)	1220.1	(1064.7, 1375.4)	545.0	(500.2, 589.2)
Carters County	34.3	(15.7, 53.0)	151.5	(85.1, 217.9)	565.3	(449.8, 680.8)	552.3	(445.6, 658.9)	923.4	(800.5, 1046.3)	1566.9	(1398.1, 1735.7)	1584.6	(1431.6, 1737.6)	758.5	(715.4, 801.6)
Female	51.7	(19.6, 83.7)	160.0	(65.4, 254.6)	664.6	(485.7, 843.5)	559.4	(468.8, 710.0)	1182.6	(983.8, 1381.4)	1582.0	(1348.3, 1815.8)	1784.9	(1563.2, 2006.7)	857.3	(793.9, 921.4)
Male	*	*	142.3	(49.3, 235.3)	457.8	(312.3, 603.4)	545.0	(393.9, 696.0)	640.0	(505.7, 794.3)	1460.0	(1223.2, 1696.8)	1311.2	(1166.7, 1515.7)	631.1	(574.8, 687.4)
Cass County	34.3	(29.9, 38.8)	223.9	(202.6, 245.2)	361.7	(340.3, 383.1)	630.2	(603.2, 657.3)	754.5	(717.1, 771.9)	1618.5	(1557.8, 1665.3)	1709.8	(1667.6, 1753.9)	685.7	(675.8, 696.0)
Female	37.4	(30.7, 44.1)	296.3	(261.1, 331.6)	404.7	(373.1, 436.3)	722.7	(682.0, 763.3)	875.1	(833.3, 916.8)	1727.5	(1660.7, 1794.3)	1906.7	(1844.4, 1969.0)	795.3	(779.8, 810.4)
Male	31.4	(25.4, 37.4)	156.3	(133.1, 181.0)	315.7	(286.9, 344.5)	534.7	(499.2, 570.2)	610.4	(575.0, 645.7)	1497.3	(1432.1, 1562.4)	1458.4	(1396.8, 1519.9)	570.7	(557.5, 582.8)
City of Joplin	45.9	(38.0, 53.8)	181.4	(160.0, 202.2)	483.8	(451.5, 515.8)	1001.2	(950.0, 1052.4)	1298.2	(1242.3, 1354.1)	2646.3	(2559.9, 2732.8)	2287.8	(2218.9, 2356.7)	1011.6	(994.0, 1029.2)
Female	38.0	(27.7, 48.2)	233.2	(200.6, 266.1)	622.5	(570.6, 674.4)	1178.1	(1099.6, 1256.6)	1514.9	(1430.7, 1599.1)	2875.9	(2753.0, 2998.8)	2296.4	(2207.9, 2384.8)	1163.5	(1137.3, 1189.6)
Male	53.6	(41.6, 65.6)	125.3	(100.4, 150.2)	351.9	(313.8, 390.0)	823.8	(780.8, 869.5)	1068.7	(995.9, 1141.5)	2376.5	(2256.1, 2496.9)	2274.5	(2164.9, 2384.2)	846.1	(822.9, 869.4)
City of St. Joseph	28.2	(23.3, 33.1)	167.2	(150.4, 184.2)	514.3	(487.4, 541.4)	879.7	(814.4, 918.0)	802.5	(766.5, 838.5)	1857.1	(1799.0, 1915.3)	1741.4	(1691.4, 1791.7)	774.3	(761.8, 786.7)
Female	35.7	(25.8, 41.1)	185.7	(160.1, 211.8)	578.1	(536.1, 626.6)	978.1	(915.0, 1028.8)	1023.8	(965.3, 1077.6)	1071.1	(1014.7, 1127.9)	1821.9	(1766.0, 1882.9)	887.1	(868.3, 905.9)
Male	23.2	(17.0, 29.4)	149.5	(127.1, 172.0)	458.2	(423.2, 493.3)	749.8	(701.9, 798.3)	744.5	(705.2, 790.0)	1764.6	(1683.0, 1848.4)	1617.3	(1540.1, 1694.5)	660.1	(643.8, 676.4)
Clay County	31.7	(27.5, 35.9)	200.9	(182.1, 219.6)	273.5	(252.1, 289.9)	507.9	(479.4, 523.9)	661.4	(636.3, 686.6)	1186.6	(1148.1, 1221.2)	1591.2	(1546.5, 1636.0)	547.1	(538.3, 555.9)
Female	34.8	(28.5, 41.0)	236.9	(208.2, 265.6)	309.7	(285.2, 334.2)	602.8	(568.6, 637.1)	777.4	(739.2, 815.7)	1246.3	(1191.8, 1300.8)	1674.8	(1614.2, 1735.5)	627.2	(614.0, 640.3)
Male	28.8	(23.2, 34.3)	164.5	(140.8, 188.6)	235.9	(214.1, 257.6)	398.0	(369.8, 426.2)	541.5	(509.0, 574.0)	1120.8	(1066.5, 1175.0)	1479.1	(1413.1, 1545.1)	463.1	(451.6, 474.7)
Cole County	31.4	(26.3, 36.6)	167.9	(148.6, 187.2)	323.8	(302.0, 345.6)	532.2	(504.0, 560.5)	582.5	(554.6, 610.4)	1044.0	(1003.1, 1085.0)	1395.4	(1347.4, 1443.3)	530.0	(519.7, 540.6)
Female	32.4	(24.9, 39.9)	219.7	(188.3, 251.1)	432.2	(386.6, 459.9)	693.2	(645.7, 749.7)	741.2	(696.5, 786.3)	1126.6	(1066.5, 1186.6)	1405.4	(1342.1, 1468.8)	623.6	(607.7, 639.4)
Male	30.5	(23.3, 37.7)	117.4	(94.7, 140.0)	237.8	(212.3, 263.2)	394.9	(361.7, 428.0)	432.4	(398.9, 465.9)	960.7	(905.1, 1016.4)	1381.7	(1308.3, 1455.1)	438.0	(424.7, 451.2)
Cooper County	17.1	(9.0, 25.2)	117.9	(85.1, 150.5)	297.1	(255.4, 342.8)	584.8	(516.5, 650.3)	588.1	(529.2, 647.0)	1072.8	(985.1, 1160.4)	1012.6	(936.7, 1088.5)	497.9	(477.8, 518.8)
Female	16.6	(5.1, 28.2)	166.7	(100.0, 233.3)	506.3	(41										



ST. LOUIS COUNTY PRESCRIPTION DRUG MONITORING PROGRAM

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	27.8	(20.6, 35.1)	207.6	(172.8, 242.3)	459.1	(415.2, 503.1)	671.9	(621.7, 722.0)	796.4	(747.9, 845.0)	1427.1	(1354.1, 1500.2)	1201.1	(1143.1, 1259.0)	653.3	(636.0, 670.6)
Female	27.2	(16.9, 37.4)	233.6	(180.4, 286.9)	593.4	(522.6, 664.2)	785.2	(709.6, 860.8)	975.8	(899.2, 1052.3)	1560.9	(1454.3, 1667.6)	1337.2	(1255.4, 1419.1)	770.8	(744.3, 797.3)
Male	28.5	(18.3, 38.7)	183.5	(138.2, 228.9)	326.3	(274.1, 378.5)	550.3	(485.2, 615.3)	621.7	(561.4, 682.0)	1284.0	(1184.7, 1383.3)	1029.2	(948.5, 1109.9)	523.3	(510.0, 554.6)
Lincoln County	32.3	(26.5, 38.1)	217.7	(189.8, 245.7)	517.9	(476.4, 551.8)	804.0	(761.9, 846.1)	890.1	(848.5, 930.6)	2160.4	(2083.7, 2237.0)	2064.7	(1990.2, 2139.3)	798.8	(783.6, 814.1)
Female	33.6	(25.1, 42.0)	278.0	(233.5, 322.5)	602.2	(551.0, 653.3)	1053.3	(985.0, 1121.6)	1006.8	(945.4, 1068.2)	2254.3	(2144.1, 2364.4)	2215.6	(2110.4, 2320.7)	911.3	(888.2, 934.3)
Male	31.2	(23.2, 39.1)	156.4	(122.7, 190.0)	426.5	(382.5, 470.5)	556.7	(507.3, 606.2)	775.8	(722.5, 829.1)	2064.4	(1957.9, 2170.1)	1888.4	(1783.5, 1993.4)	685.3	(665.2, 705.3)
Livingston County	25.2	(14.4, 36.0)	156.6	(111.3, 201.8)	304.0	(254.7, 353.3)	371.0	(316.6, 425.3)	640.8	(573.0, 708.6)	1090.5	(997.4, 1183.2)	1216.2	(1134.0, 1298.4)	553.6	(529.9, 577.3)
Female	28.7	(12.5, 45.0)	222.2	(147.5, 296.9)	342.1	(274.3, 409.8)	391.9	(319.0, 464.8)	751.5	(653.5, 849.4)	1234.4	(1098.3, 1370.5)	1412.2	(1296.0, 1528.4)	650.0	(615.5, 684.5)
Male	21.7	(7.5, 35.9)	85.3	(37.0, 133.5)	247.7	(177.7, 317.8)	341.3	(260.2, 422.4)	498.9	(408.5, 589.3)	928.5	(803.2, 1053.8)	944.8	(833.0, 1056.7)	434.6	(403.3, 466.0)
Madison County	34.1	(20.7, 47.5)	162.3	(113.2, 211.4)	667.2	(580.0, 754.3)	851.0	(754.2, 947.8)	998.4	(906.9, 1089.8)	1914.1	(1774.7, 2053.5)	1947.4	(1857.9, 2064.9)	924.6	(890.5, 958.7)
Female	33.9	(14.7, 53.1)	199.6	(122.9, 276.3)	889.6	(746.7, 1032.4)	910.1	(770.0, 1050.3)	1069.0	(935.9, 1202.0)	1981.8	(1782.8, 2180.8)	2026.6	(1865.7, 2187.6)	1021.1	(970.8, 1071.3)
Male	34.3	(21.7, 52.9)	124.5	(63.5, 185.9)	447.7	(347.1, 548.4)	789.5	(656.3, 922.6)	929.1	(800.9, 1051.4)	1844.1	(1648.9, 2039.1)	1848.7	(1671.1, 2020.3)	824.8	(778.8, 870.3)
McDonald County	22.2	(15.0, 29.5)	148.3	(114.0, 182.6)	215.8	(181.1, 250.6)	372.2	(328.7, 415.7)	549.5	(499.6, 599.4)	1100.6	(1020.3, 1180.9)	1270.5	(1188.3, 1352.8)	457.8	(440.4, 475.3)
Female	17.9	(8.5, 27.3)	192.6	(135.7, 249.5)	261.2	(206.9, 315.5)	424.8	(368.8, 490.9)	669.1	(590.6, 747.6)	1098.1	(984.8, 1211.4)	1403.6	(1285.1, 1522.1)	520.0	(493.6, 546.5)
Male	26.3	(15.3, 37.3)	108.9	(68.6, 149.3)	171.0	(126.9, 217.4)	320.4	(263.6, 377.3)	433.9	(371.7, 496.1)	1102.1	(989.3, 1216.9)	1119.2	(1006.3, 1232.0)	396.6	(374.0, 419.7)
Miller County	17.8	(11.1, 24.5)	129.6	(97.4, 162.1)	244.9	(208.0, 281.9)	371.6	(328.1, 415.0)	585.6	(536.3, 634.9)	979.7	(910.8, 1048.7)	927.2	(846.6, 988.1)	449.5	(437.7, 466.3)
Female	23.2	(12.2, 34.3)	200.1	(142.3, 258.0)	287.2	(230.6, 343.7)	462.8	(394.3, 531.4)	618.5	(546.8, 690.2)	1032.3	(932.6, 1132.0)	980.3	(895.8, 1064.8)	505.1	(479.9, 530.2)
Male	12.7	(4.8, 20.6)	62.3	(30.7, 93.8)	202.8	(155.3, 250.3)	280.3	(227.0, 333.7)	552.8	(485.1, 620.5)	926.4	(831.2, 1021.5)	863.0	(775.8, 950.2)	393.3	(371.1, 415.6)
Montgomery County	30.8	(18.0, 43.7)	211.3	(149.5, 273.0)	345.9	(281.9, 412.0)	627.9	(544.2, 711.6)	707.3	(632.7, 780.3)	1508.3	(1388.8, 1627.8)	1343.8	(1248.8, 1438.9)	693.0	(663.5, 723.5)
Female	35.7	(15.5, 55.9)	276.9	(172.5, 381.4)	503.7	(396.0, 611.5)	716.2	(587.0, 845.5)	658.5	(551.7, 759.9)	1736.7	(1552.9, 1920.5)	1389.4	(1260.5, 1518.4)	779.3	(735.1, 823.6)
Male	26.5	(10.1, 42.9)	155.8	(83.8, 227.8)	178.3	(112.3, 244.4)	546.7	(457.8, 625.0)	748.7	(639.6, 857.8)	1291.7	(1137.4, 1446.1)	1285.4	(1145.0, 1425.8)	605.4	(566.4, 644.6)
New Madrid County	16.0	(8.6, 23.3)	110.3	(76.9, 143.7)	245.4	(203.7, 287.1)	494.2	(437.4, 551.1)	536.4	(486.8, 590.3)	1021.4	(942.5, 1100.4)	1233.5	(1154.6, 1312.4)	516.1	(495.7, 536.6)
Female	16.3	(5.7, 27.0)	163.4	(105.9, 220.9)	224.4	(169.4, 279.3)	549.6	(465.0, 634.3)	648.7	(562.8, 730.6)	1097.9	(984.3, 1211.4)	1299.4	(1193.1, 1405.7)	584.9	(554.7, 615.1)
Male	15.6	(5.4, 25.8)	57.6	(23.6, 91.6)	268.7	(205.3, 332.2)	438.4	(362.4, 514.3)	413.3	(344.8, 481.7)	938.8	(829.7, 1048.0)	1142.4	(1025.2, 1259.6)	441.8	(414.5, 469.1)
Newton County	41.7	(35.1, 48.3)	162.4	(140.3, 184.5)	297.2	(270.6, 323.8)	614.6	(578.3, 650.8)	773.0	(735.6, 810.4)	1437.7	(1382.2, 1493.7)	1637.1	(1583.8, 1690.4)	675.4	(662.0, 688.7)
Female	40.0	(30.6, 49.4)	194.5	(160.1, 228.8)	329.1	(289.6, 368.6)	737.1	(681.1, 793.1)	968.8	(909.9, 1027.7)	1528.9	(1448.7, 1609.2)	1720.4	(1647.3, 1793.5)	777.2	(757.0, 797.4)
Male	43.3	(34.0, 52.6)	131.5	(103.3, 159.0)	264.9	(229.3, 300.5)	490.8	(444.9, 536.7)	572.2	(526.4, 618.1)	1344.5	(1268.6, 1420.3)	1531.6	(1454.0, 1609.2)	572.0	(554.5, 589.4)
Osage County	38.5	(25.3, 51.6)	117.4	(80.1, 154.7)	217.2	(170.2, 264.2)	306.0	(254.9, 357.0)	395.1	(341.5, 448.6)	1029.8	(931.7, 1128.0)	910.9	(828.8, 993.0)	402.4	(381.3, 423.5)
Female	28.8	(12.5, 45.1)	220.0	(137.0, 302.9)	276.8	(199.3, 354.4)	443.4	(355.6, 531.2)	406.9	(327.2, 486.7)	1115.1	(967.1, 1268.4)	965.9	(839.9, 1079.8)	468.5	(454.5, 484.2)
Male	47.6	(27.2, 67.9)	54.7	(22.4, 87.1)	164.6	(108.5, 228.7)	173.9	(120.0, 227.8)	384.8	(312.6, 457.1)	952.4	(822.0, 1082.8)	843.7	(725.9, 961.5)	341.3	(314.4, 368.3)
Pemiscot County	18.3	(10.8, 25.7)	136.6	(100.5, 172.8)	517.2	(458.4, 579.9)	854.5	(776.2, 932.7)	1256.0	(1169.0, 1343.0)	2275.7	(2149.0, 2402.5)	1859.6	(1756.6, 1962.6)	895.7	(868.0, 923.6)
Female	22.6	(10.8, 34.5)	161.9	(107.5, 216.3)	556.2	(469.2, 643.3)	936.1	(822.3, 1049.9)	1411.8	(1283.9, 1539.7)	2324.8	(2147.7, 2501.9)	1766.8	(1635.6, 1898.0)	956.0	(915.9, 994.8)
Male	14.1	(4.9, 23.3)	109.1	(62.4, 155.4)	471.3	(384.4, 558.2)	755.1	(649.1, 816.9)	1071.0	(955.1, 1186.9)	2221.8	(2040.3, 2403.2)	1991.0	(1825.4, 2156.7)	825.6	(788.4, 864.1)
Perry County	22.7	(14.1, 31.2)	187.0	(142.9, 231.1)	390.5	(339.1, 441.9)	498.3	(441.5, 555.1)	439.6	(390.3, 489.0)	928.4	(850.5, 1006.4)	1075.7	(1009.0, 1150.4)	476.5	(454.9, 496.2)
Female	26.0	(12.9, 39.2)	297.1	(216.4, 377.9)	470.2	(389.7, 551.4)	665.5	(571.9, 759.2)	473.6	(401.2, 546.1)	1122.7	(1001.1, 1244.4)	1036.2	(939.9, 1133.5)	554.4	(526.5, 584.4)
Male	19.5	(8.5, 30.6)	87.6	(46.0, 129.3)	315.1	(250.7, 379.5)	337.2	(271.8, 402.6)	405.8	(338.8, 472.7)	737.1	(639.3, 835.0)	1127.6	(1011.2, 1244.1)	398.2	(372.8, 423.7)
Pettis County	21.1	(15.7, 26.6)	177.0	(150.9, 203.2)	352.1	(320.3, 384.0)	561.6	(507.9, 617.7)	637.7	(597.7, 677.7)	1252.3	(1189.1, 1315.5)	1282.6	(1324.7, 1441.7)	571.5	(557.0, 585.9)
Female	19.6	(12.0, 27.1)	227.3	(185.6, 269.0)	455.4	(403.9, 506.9)	706.7	(640.3, 773.2)	731.3	(670.5, 792.1)	1422.3	(1327.4, 1517.2)	1478.3	(1395.8, 1558.1)	673.6	(651.7, 695.6)
Male	22.7	(14.7, 30.6)	125.8	(84.9, 157.1)	250.0	(212.3, 287.7)	418.0	(367.2, 468.8)	545.5	(493.4, 597.6)	1069.8	(986.9, 1152.7)	1258.2	(1167.4, 1338.3)	464.3	(445.7, 482.8)
Phelps County	35.5	(28.1, 43.0)	98.7	(84.7, 112.7)	433.8	(399.1, 468.5)	891.3	(837.9, 944.7)	941.2	(892.8, 989.8)	1885.3	(1809.0, 1961.7)	1949.7	(1879.9, 2019.4)	773.6	(757.4, 789.8)
Female	29.2	(19.4, 39.1)	106.0	(83.0, 190.7)	581.3	(522.8, 639.8)	986.3	(907.0, 1065.6)	1064.5	(992.4, 1136.5)	2078.7	(1966.6, 2190.8)	2053.5	(1957.7, 2149.3)	936.2	(910.4, 962.1)
Male	41.3	(30.1, 52.4)	65.1	(51.0, 79.1)	302.2	(262.4, 342.1)	795.7	(724.2, 867.1)	810.5	(745.8, 875.2)	1681.4	(1578.2, 1784.5)	1818.3	(1716.9, 1919.7)	625.1	(604.9, 645.3)
Pike County	35.1	(23.6, 46.9)	133.9	(97.9, 170.0)	279.8	(237.3, 321.7)	638.0	(573.1, 703.9)	761.9	(698.3, 825.5)	1483.6	(1335.2, 1637.0)	1381.9	(1261.1, 1467.7)	648.8	(623.6, 670.0)
Female	34.1	(21.0, 50.0)	121.0	(107.7, 134.3)	481.9	(433.1, 530.7)	593.6	(535.6, 650.9)	1079.9	(965.9						