Supplementary Online Content

Macmadu A, Batthala S, Correia Gabel AM, et al. Comparison of characteristics of deaths from drug overdose before vs during the COVID-19 pandemic in Rhode Island. *JAMA Netw Open*. 2021;4(9):e2125538. doi:10.1001/jamanetworkopen.2021.25538

eTable. Variable Code Details for Behavioral Health Treatment and Diagnosis Claims Sourced From Rhode Island Medicaid Claims and Enrollment Data

This supplementary material has been provided by the authors to give readers additional information about their work.
| Variable                                      | Code details                                                                 |
|----------------------------------------------|-----------------------------------------------------------------------------|
| Anxiety and fear related disorders           | F930, F940, F4000, F4001, F4002, F4010, F4011, F40210, F40218, F40220, F40228, F40230, F40231, F40232, F40233, F40240, F40241, F40242, F40243, F40248, F40290, F40291, F40298, F4048, F409, F410, F411, F413, F418, F419, F604 |
| Depression                                   | F320, F321, F322, F323, F324, F328, F3281, F3289, F329, F330, F331, F332, F333, F3341, F338, F339, F341, F6031, F6032 |
| Mental health treatment (outpatient)         | [Procedure_Code] IN (‘H0046’, ’90834’, ’90847’, ’97150’, ’90791’, ’90837’, ’90833’, ’90834’, ’90836’, ’90853’, ’90785’, ’90792’, ’99408’, ’99409’, ’H0049’) AND [Diagnosis_1] NOT IN (‘F11181’, ’30472’, ’30471’, ’39551’, ’30470’, ’30553’, ’30600’, ’30650’, ’30743’, ’30402’, ’30403’, ’30552’, ’30401’, ’F1119’, ’F1288’, ’F1194’, ’F11259’, ’F11251’, ’F11120’, ’F11129’, ’F11988’, ’F11122’, ’F11920’, ’F11151’, ’F11182’, ’F11222’, ’F1111’, ’F11250’, ’F11951’, ’F1199’, ’F11229’, ’F11950’, ’F1114’, ’F11550’, ’F1193’, ’F1124’, ’F11188’, ’F1129’, ’F11929’, ’F11110’, ’F11281’, ’F11959’, ’F1121’, ’F11221’, ’F1192’, ’F11220’, ’F11123’, ’F11282’, ’F11121’, ’F11159’, ’F1190’, ’F1192’, ’F11181’, ’F1111’) |
| Mental health treatment (inpatient)          | Diagnosis_1 in the list of codes AND [IP_Flag] = ’1’ AND [Billing_Provider_NPI] NOT IN (’1992884787’, ’1841323094’, ’1079848832’, ’164822474’, ’1801966510’, ’1851303614’, ’1821078932’, ’1821218587’, ’1134281280’, ’1003045782’, ’1013332014’, ’1093713174’, ’1104847946’, ’1124198676’, ’1164822474’, ’1245239680’, ’1265585433’, ’1316917222’, ’1356343651’, ’1366501603’, ’1386671535’, ’1437191061’, ’1487916136’, ’1609025122’, ’1695979410’, ’1695977879’, ’1700913946’, ’1952699985’, ’124170444’, ’1144606087’, ’1205278223’, ’1205968419’, ’1235207044’, ’1265752737’, ’1326267063’, ’1346519733’, ’1356383284’, ’1558557629’, ’1629123021’, ’1659591261’, ’1679919203’, ’1871515738’, ’1881684736’, ’1912038738’, ’1982914909’, ’1992128540’ |
| Opioid use disorder                          | F11181, 30472, 30471, 30551, 30470, 30553, 30400, 30550, 30473, 30402, 30403, 30552, 30401, F1119, F11288, F1194, F11259, F11251, F11120, F11129, F11988, F11122, F11920, F11151, F11182, F11222, F1111, F11250, F11951, F1199, F11229, F11950, F1114, F11150, F1193, F1124, F11188, F1129, F11929, F1110, F11281, F11959, F1121, F11221, F1192, F11220, F11123, F11282, F11121, F11159, F1190, F1192, F11181, F1111 |
| Alcohol use disorder                         | G312, F10920, F10921, F10929, F1094, F10950, F10951, F10959, F1096, F1097, F10980, F10981, F10982, F10988, F1099, F1010, F10120, F10121, F10129, F1014, F10150, F10151, F10159, F10180, F10181, F10182, F10188, F1019, F1020, F10220, F10221, F10229, F10230, F10231, F10232, F10239, F1024, F10250, F10251, F10259, F1026, F1027, F10280, F10281, F10282, F10288, F1029 |
| Any substance use disorder                   | F18150, F18151, F18159, F1817, F18180, F18188, F1819, F1820, F1821, F18220, F18221, F18229, F1892, F1897, F18980, F18988, F1899, F1910, F1911, F19120, F19121, F19122, F1919, F1914, F19150, F19151, F19159, F1916, F1917, F19180, F19181, F19182, F19188, F1919, F1920, F1921, F19220, F19221, F19222, F19229, F19230, F19231, F19232, F19239, F1924, F19250, F19251, F19259, F1926, F1927, F19280, F19281, F19282, F19288, F1929, F1990, F19920, F19921, F19922, F19929, F19930, F19931, F19932, F19939, F1994, F19950, F19951, F19959, F1996, F1997, F19980, F19981, F19988, F1999, F15121, F15122, F15129, F1514, F1529, F1590, F15920, F15921, F15922, F15929, F1593, F1594, F15950, F15951, F15959, F15980, F15981, F15982, F15988, F1599, F1610, F1611, F16120, F16121, F16122, F16129, F1614, F16150, F16151, F16159, F16180, F16183, F16188, F1619, F1620, F1621, F16220 |
There are over 1500 Diagnosis_1 codes included in this definition. The authors will make these codes available upon request.