

| CODE | APR DRG | Incomes | | | | Age in year (mean) | | | Days of hospitalisation (mean) | | | Severity (mean) | | | APR IEMA raw (mean) | | | In-hospital mortality (%) | | |
|--------------|---|---------|--------------|----------|--------|--------------------|---------|--------|--------------------------------|---------|----------|-----------------|---------|-----------|---------------------|---------|--------|---------------------------|---------|--------------------|
| | | 2020 n | 2017-19 mean | % change | p* | 2020 | 2017-19 | p** | 2020 | 2017-19 | p** | 2020 | 2017-19 | p** | 2020 | 2017-19 | p** | 2020 | 2017-19 | p |
| 044 | INTRACRANIAL HEMORRHAGE | 54 | 64 | -16 | 0.393 | 69.09 | 66.74 | 0.351 | 7.07 | 9.17 | 0.093 | 2.26 | 2.35 | 0.542 | 0.73 | 0.86 | 0.223 | 38.90 | 30.10 | 0.218* |
| 045 | CVA AND PRECEREBRAL OCCLUSION WITH INFARCTION | 121 | 129 | -6 | 0.910 | 70.27 | 70.22 | 0.973 | 6.53 | 6.69 | 0.795 | 2.16 | 2.02 | 0.065 | 0.69 | 0.75 | 0.419 | 17.50 | 7.00 | 0.001* |
| 053 | SEIZURE | 74 | 125 | -41 | <0.001 | 20.12 | 13.40 | 0.025 | 4.46 | 4.26 | 0.781 | 1.82 | 1.67 | 0.137 | 0.72 | 0.77 | 0.461 | 5.40 | 0.30 | 0.003* |
| 058 | OTHER DISORDERS OF NERVOUS SYSTEM | 41 | 93 | -56 | <0.001 | 44.61 | 42.92 | 0.693 | 3.90 | 5.05 | 0.392 | 1.85 | 1.69 | 0.188 | 0.52 | 0.64 | 0.353 | 7.30 | 1.10 | 0.030 [‡] |
| 113 | INFECTIONS OF UPPER RESPIRATORY TRACT | 44 | 79 | -44 | <0.001 | 30.16 | 30.66 | 0.913 | 5.64 | 4.16 | 0.041 | 1.59 | 1.66 | 0.558 | 1.29 | 0.89 | 0.023 | 0.00 | 1.70 | 1.000* |
| 115 | OTHER EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL DIAGNOSES | 91 | 114 | -20 | <0.001 | 41.37 | 40.31 | 0.724 | 3.46 | 2.62 | 0.041 | 1.34 | 1.34 | 0.994 | 0.97 | 0.77 | 0.048 | 0.00 | 1.50 | 0.589 [‡] |
| 133 | RESPIRATORY FAILURE | 109 | 101 | +8 | <0.001 | 66.49 | 61.57 | 0.071 | 7.95 | 8.17 | 0.828 | 2.59 | 2.60 | 0.850 | 0.87 | 0.89 | 0.876 | 32.10 | 29.90 | 0.672* |
| 136 | RESPIRATORY MALIGNANCY | 55 | 93 | -41 | 0.003 | 65.58 | 64.25 | 0.551 | 6.45 | 8.54 | 0.010 | 2.42 | 2.29 | 0.212 | 0.71 | 0.89 | 0.043 | 27.30 | 30.50 | 0.637* |
| 139 | OTHER PNEUMONIA | 131 | 162 | -19 | 0.002 | 60.05 | 59.54 | 0.852 | 6.70 | 6.62 | 0.870 | 2.05 | 2.13 | 0.306 | 0.87 | 0.81 | 0.395 | 8.40 | 8.00 | 0.890* |
| 140 | CHRONIC OBSTRUCTIVE PULMONARY DISEASE | 95 | 93 | +2 | 0.033 | 71.83 | 71.14 | 0.660 | 7.56 | 6.30 | 0.149 | 2.56 | 2.31 | 0.004 | 0.89 | 0.76 | 0.191 | 11.60 | 8.20 | 0.324* |
| 143 | OTHER RESPIRATORY DIAGNOSES EXCEPT SIGNS, SYMPTOMS AND MISCELLANEOUS | 54 | 54 | 0 | 0.338 | 42.31 | 42.01 | 0.947 | 4.54 | 5.30 | 0.353 | 1.74 | 1.84 | 0.474 | 0.68 | 0.75 | 0.471 | 7.40 | 3.70 | 0.272 [‡] |
| 144 | RESPIRATORY SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES | 92 | 105 | -12 | 0.040 | 55.58 | 39.58 | <0.001 | 5.30 | 5.52 | 0.717 | 2.07 | 1.76 | 0.001 | 0.68 | 0.58 | 0.110 | 5.40 | 2.20 | 0.110* |
| 190 | ACUTE MYOCARDIAL INFARCTION | 45 | 54 | -17 | 0.317 | 73.84 | 72.82 | 0.656 | 5.18 | 7.59 | 0.001 | 2.04 | 2.13 | 0.545 | 0.89 | 1.23 | 0.002 | 6.70 | 18.50 | 0.065 [‡] |
| 191 | CARDIAC CATHETERIZATION FOR CORONARY ARTERY DISEASE | 48 | 78 | -38 | <0.001 | 65.48 | 66.05 | 0.765 | 4.13 | 3.80 | 0.592 | 1.42 | 1.45 | 0.711 | 0.96 | 0.83 | 0.322 | 0.00 | 0.00 | NA |
| 192 | CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS | 75 | 198 | -62 | <0.001 | 58.33 | 57.94 | 0.873 | 4.64 | 4.15 | 0.630 | 1.72 | 1.56 | 0.052 | 0.84 | 0.70 | 0.186 | 1.30 | 0.70 | 0.450* |
| 194 | HEART FAILURE | 284 | 360 | -21 | <0.001 | 77.02 | 75.90 | 0.181 | 6.91 | 7.76 | 0.034 | 2.31 | 2.26 | 0.306 | 0.82 | 0.89 | 0.119 | 17.30 | 11.20 | 0.006* |
| 198 | ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS | 42 | 60 | -30 | 0.020 | 76.55 | 73.54 | 0.130 | 0.48 | 0.49 | <0.001 | 2.10 | 1.86 | 0.045 | 0.75 | 1.07 | <0.001 | 4.80 | 6.60 | 1.000* |
| 240 | DIGESTIVE MALIGNANCY | 55 | 66 | -17 | 0.340 | 66.45 | 66.64 | 0.947 | 8.07 | 9.52 | 0.331 | 2.33 | 2.42 | 0.431 | 0.73 | 0.90 | 0.147 | 23.60 | 35.20 | 0.106* |
| 243 | OTHER ESOPHAGEAL DISORDERS | 32 | 124 | -74 | <0.001 | 16.66 | 10.37 | 0.195 | 2.19 | 1.71 | 0.393 | 1.53 | 1.25 | 0.030 | 0.58 | 0.47 | 0.339 | 0.00 | 0.00 | NA |
| 249 | OTHER GASTROENTERITIS, NAUSEA AND VOMITING | 60 | 79 | -24 | 0.013 | 40.47 | 33.26 | 0.118 | 6.67 | 5.37 | 0.257 | 2.03 | 1.85 | 0.137 | 1.00 | 0.93 | 0.529 | 5.00 | 4.60 | 1.000* |
| 254 | OTHER DIGESTIVE SYSTEM DIAGNOSES | 84 | 119 | -29 | 0.004 | 46.10 | 43.07 | 0.411 | 7.17 | 4.94 | 0.146 | 1.85 | 1.52 | 0.002 | 1.10 | 0.82 | 0.050 | 4.80 | 1.70 | 0.103 [‡] |
| 281 | MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS | 89 | 78 | +14 | 0.171 | 64.46 | 66.75 | 0.203 | 7.51 | 9.30 | 0.095 | 2.31 | 2.43 | 0.225 | 0.77 | 0.90 | 0.180 | 23.60 | 25.10 | 0.778* |
| 282 | DISORDERS OF PANCREAS EXCEPT MALIGNANCY | 83 | 102 | -19 | 0.244 | 58.16 | 62.77 | 0.05 | 9.88 | 8.84 | 0.296 | 1.77 | 1.79 | 0.801 | 1.23 | 1.01 | 0.090 | 1.20 | 3.90 | 0.315 [‡] |
| 283 | OTHER DISORDERS OF THE LIVER | 34 | 84 | -59 | <0.001 | 51.65 | 58.91 | 0.121 | 7.65 | 4.21 | 0.018 | 2.03 | 1.96 | 0.571 | 0.94 | 0.55 | 0.032 | 0.00 | 3.60 | 0.606 [‡] |
| 351 | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES | 52 | 74 | -29 | 0.129 | 42.65 | 44.73 | 0.606 | 3.98 | 3.04 | 0.157 | 1.42 | 1.34 | 0.380 | 0.74 | 0.64 | 0.382 | 0.00 | 0.00 | NA |
| 385 | OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST DISORDERS | 41 | 85 | -52 | <0.001 | 47.37 | 49.70 | 0.565 | 4.93 | 2.75 | 0.001 | 1.46 | 1.21 | 0.018 | 1.16 | 0.75 | 0.109 | 2.40 | 0.40 | 0.257* |
| 463 | KIDNEY AND URINARY TRACT INFECTIONS | 121 | 104 | +17 | 0.003 | 47.03 | 43.05 | 0.254 | 6.31 | 5.94 | 0.411 | 1.98 | 1.88 | 0.212 | 0.84 | 0.87 | 0.278 | 4.10 | 2.60 | 0.394* |
| 466 | MALFUNCTION, REACTION, COMPLICATION OF GENITOURINARY DEVICE OR PROSTHESIS | 101 | 89 | +14 | 0.509 | 57.29 | 57.17 | 0.369 | 6.96 | 5.77 | 0.135 | 2.87 | 2.69 | 0.010 | 0.84 | 0.78 | 0.495 | 2.90 | 1.10 | 0.355* |
| 468 | OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS | 71 | 88 | -19 | <0.001 | 55.08 | 48.33 | 0.047 | 2.56 | 3.02 | 0.264 | 1.58 | 1.73 | 0.110 | 0.61 | 0.65 | 0.674 | 4.20 | 0.80 | 0.067 [‡] |
| 469 | ACUTE KIDNEY INJURY | 95 | 94 | +1 | 0.101 | 67.02 | 69.22 | 0.292 | 9.19 | 9.70 | 0.615 | 2.13 | 2.19 | 0.444 | 1.06 | 1.03 | 0.766 | 12.60 | 11.30 | 0.728* |
| 560 | VAGINAL DELIVERY | 935 | 1069 | -13 | <0.001 | 30.69 | 31.06 | 0.112 | 2.95 | 3.11 | 0.002 | 1.47 | 1.42 | 0.021 | 1.12 | 1.20 | <0.001 | 0.00 | 0.00 | NA |
| 565 | FALSE LABOR | 57 | 49 | +16 | 0.048 | 31.18 | 28.37 | 0.003 | 2.88 | 1.61 | 0.220 | 1.25 | 1.27 | 0.739 | 1.31 | 0.72 | 0.243 | 0.00 | 0.00 | NA |
| 566 | ANTEPARTUM WITHOUT O.R. PROCEDURE | 136 | 188 | -28 | 0.006 | 31.27 | 30.01 | 0.037 | 2.66 | 2.60 | 0.829 | 1.47 | 1.51 | 0.536 | 0.76 | 0.77 | 0.943 | 0.00 | 0.00 | NA |
| 640 | NEONATE BIRTH WEIGHT > 2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER COMPLICATIONS | 47 | 66 | -29 | 0.067 | 0.00 | 0.00 | NA | 6.36 | 7.61 | 0.354 | 1.77 | 1.77 | 0.946 | 1.49 | 1.33 | 0.486 | 0.00 | 0.00 | NA |
| 660 | MAJOR HEMATOLOGIC OR IMMUNOLOGIC DIAGNOSES EXCEPT SICKLE CELL CRISIS | 58 | 85 | -32 | 0.001 | 37.17 | 33.25 | 0.348 | 9.14 | 8.23 | 0.426 | 2.31 | 2.09 | 0.05 | 0.94 | 1.00 | 0.624 | 1.70 | 3.10 | 1.000* |
| 691 | LYMPHOMA, MYELOMA AND NON-ACUTE LEUKEMIA | 115 | 55 | +110 | <0.001 | 48.28 | 56.07 | 0.005 | 7.83 | 14.69 | <0.001 | 1.73 | 2.08 | 0.001 | 0.74 | 1.25 | <0.001 | 7.80 | 8.50 | 0.832* |
| 696 | OTHER CHEMOTHERAPY | 67 | 217 | -69 | <0.001 | 39.24 | 30.83 | 0.001 | 4.60 | 4.53 | 0.828 | 1.99 | 2.02 | 0.549 | 1.01 | 0.91 | 0.360 | 0.00 | 0.20 | 1.000* |
| 720 | SEPTICEMIA AND DISSEMINATED INFECTIONS | 98 | 127 | -23 | 0.002 | 71.05 | 68.85 | 0.281 | 10.88 | 11.74 | 0.487 | 3.11 | 2.90 | 0.022 | 0.94 | 1.05 | 0.262 | 25.50 | 33.70 | 0.122* |
| 753 | BIPOLAR DISORDERS | 73 | 44 | +67 | <0.001 | 45.21 | 45.58 | 0.864 | 12.82 | 16.80 | 0.028 | 1.48 | 1.53 | 0.550 | 0.76 | 0.99 | 0.025 | 0.00 | 0.00 | NA |
| 861 | SIGNS, SYMPTOMS AND OTHER FACTORS INFLUENCING HEALTH STATUS | 61 | 85 | -28 | <0.001 | 44.97 | 41.88 | 0.412 | 6.59 | 5.22 | 0.243 | 1.89 | 1.50 | 0.043 | 0.89 | 0.79 | 0.538 | 11.50 | 12.90 | 0.757* |
| TOTAL | | 6229 | 7959 | -22 | <0.001 | 48.86 | 46.67 | 0.001 | 6.78 | 6.26 | 0.031*** | 1.92 | 1.83 | <0.001*** | 0.91 | 0.92 | 0.857 | 6.80 | 5.70 | 0.001* |

* Chi-Square test; ** Student T-test; *** Mann-Whitney U-test; [‡] Fisher Exact Test; NA, not applicable

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| Highlighted in orange when values in 2020 are significantly higher compared to 2017-19 |
| Highlighted in blue when values in 2020 are significantly lower compared to 2017-19 |

Supplementary Table 1 Characteristics of non-COVID patients admitted for the 40 most frequent medical APR DRGs to the Virgen del Rocio University Hospital between February 27 and June 7, 2020 (first COVID-19 pandemic wave in Seville), compared with the same period in 2017-2019