

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
021	OPEN CRANIOTOMY EXCEPT TRAUMA 01P	148	163	-9	0.367	46.58	49.48	0.199	13.78	14.70	0.779	1.91	1.78	0.143	0.75	0.85	0.592	4.10	3.90	0.938*
024	OPEN EXTRACRANIAL VASCULAR PROCEDURES	159	150	+6	<0.001	66.74	67.83	0.407	5.19	6.08	0.183	2.48	2.32	0.058	0.63	0.68	0.427	3.10	4.40	0.478*
097	TONSIL AND ADENOID PROCEDURES	22	68	-67	<0.001	20.50	11.82	0.092	1.36	1.47	0.674	1.18	1.10	0.479	0.95	0.80	0.332	0.00	0.00	NA
098	OTHER EAR, NOSE, MOUTH AND THROAT PROCEDURES	109	186	-41	<0.001	49.84	42.32	0.001	4.36	3.75	0.329	1.38	1.26	0.054	1.11	0.97	0.268	0.00	0.00	NA
120	MAJOR RESPIRATORY AND CHEST PROCEDURES	42	40	+4	0.906	63.02	57.23	0.060	4.45	7.00	0.002	1.55	1.60	0.650	0.63	0.90	0.004	2.40	0.80	0.450 [†]
121	OTHER RESPIRATORY AND CHEST PROCEDURES	38	52	-27	0.183	52.47	50.75	0.690	3.34	6.72	<0.001	1.55	1.55	0.968	1.17	1.62	0.002	0.00	0.60	1.000 [†]
163	CARDIAC VALVE PROCEDURES WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS	58	66	-13	0.001	60.88	63.44	0.312	17.33	16.16	0.560	2.21	2.13	0.522	1.13	1.05	0.413	1.70	5.00	0.465 [†]
171	PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT AMI, HEART FAILURE OR S	89	108	-18	0.113	77.51	75.66	0.207	4.97	4.76	0.754	1.71	1.57	0.084	0.89	0.95	0.566	2.20	0.00	0.046*
174	PERCUTANEOUS CARDIAC INTERVENTION WITH AMI	129	123	+5	0.339	63.44	63.97	0.671	4.41	6.37	<0.001	1.60	1.59	0.812	0.87	1.10	<0.001	1.60	1.70	1.000 [†]
175	PERCUTANEOUS CARDIAC INTERVENTION WITHOUT AMI	133	271	-51	<0.001	62.81	63.04	0.897	4.98	5.58	0.330	1.64	1.85	0.010	1.15	1.14	0.931	0.80	0.60	0.583 [†]
226	ANAL AND PERINEAL PROCEDURES	17	72	-76	<0.001	49.00	49.59	0.891	2.88	3.38	0.581	1.12	1.19	0.498	1.29	1.33	0.890	0.00	0.50	1.000*
227	HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL AND UMBILICAL	26	97	-73	<0.001	60.54	57.64	0.349	4.27	3.81	0.589	1.35	1.41	0.584	1.13	0.89	0.127	0.00	0.70	1.000*
228	INGUINAL, FEMORAL AND UMBILICAL HERNIA PROCEDURES	42	125	-66	<0.001	52.6	56.22	0.353	3.14	1.75	0.017	1.36	1.27	0.373	1.36	0.86	<0.001	0.00	0.00	NA
230	MAJOR SMALL BOWEL PROCEDURES	75	89	-15	0.100	55.87	60.04	0.169	13.87	14.35	0.824	1.95	2.07	0.371	0.93	0.89	0.659	6.70	5.60	0.755*
231	MAJOR LARGE BOWEL PROCEDURES	112	99	+14	0.190	65.06	64.50	0.749	12.24	10.43	0.381	1.81	1.65	0.093	0.93	0.91	0.780	2.70	1.50	0.671 [†]
234	APPENDECTOMY WITHOUT COMPLEX PRINCIPAL DIAGNOSIS	68	95	-28	<0.001	24.66	25.20	0.846	3.43	2.99	0.366	1.09	1.03	0.186	1.16	0.96	0.202	0.00	0.00	NA
260	MAJOR PANCREAS, LIVER AND SHUNT PROCEDURES	42	45	-7	<0.001	62.29	60.68	0.533	17.21	14.16	0.347	2.12	2.06	0.696	1.21	1.02	0.328	0.00	2.20	1.000*
263	CHOLECYSTECTOMY	67	132	-49	<0.001	60.25	57.07	0.132	4.10	2.76	0.008	1.49	1.40	0.363	1.27	0.86	0.021	1.50	0.40	0.346*
301	HIP JOINT REPLACEMENT	107	141	-24	0.063	75.87	70.71	0.003	6.80	6.11	0.080	1.39	1.32	0.270	0.94	0.82	0.023	5.60	1.90	0.032*
302	KNEE JOINT REPLACEMENT	49	193	-75	<0.001	70.12	69.80	0.821	4.41	4.53	0.839	1.16	1.21	0.487	1.03	0.93	0.142	0.00	0.20	1.000 [†]
305	AMPUTATION OF LOWER LIMB EXCEPT TOES	52	71	-27	0.089	71.85	67.80	0.031	71.85	67.80	0.865	9.13	9.36	0.813	0.63	0.63	0.993	7.70	3.30	0.234 [†]
308	HIP AND FEMUR FRACTURE REPAIR	122	132	-8	0.722	79.98	75.28	0.003	6.50	7.19	0.113	1.98	1.85	0.092	0.72	0.78	0.141	3.30	3.10	1.000 [†]
309	OTHER SIGNIFICANT HIP AND FEMUR SURGERY	24	62	-61	<0.001	30.58	37.52	0.254	8.63	7.02	0.398	1.75	1.47	0.181	0.73	0.80	0.753	0.00	0.80	1.000*
310	VERTEBRAL AND INTERVERTEBRAL SPINAL PROCEDURES INCLUDING DISC PROCE	39	69	-44	0.001	49.77	48.79	0.744	6.56	4.69	0.249	1.41	1.38	0.187	0.99	0.69	0.067	0.00	0.00	NA
313	KNEE AND LOWER LEG PROCEDURES EXCEPT FOOT	100	139	-28	0.028	49.21	45.53	0.090	6.33	5.88	0.636	1.50	1.37	0.058	1.07	0.99	0.499	0.00	0.30	1.000*
314	FOOT AND TOE PROCEDURES	29	68	-57	<0.001	45.86	49.62	0.339	3.72	4.25	0.597	1.48	1.50	0.855	0.85	0.89	0.828	0.00	0.00	NA
315	SHOULDER, UPPER ARM AND FOREARM PROCEDURES EXCEPT JOINT REPLACEMEN	94	124	-24	<0.001	54.54	53.22	0.604	3.14	3.21	0.848	1.47	1.42	0.397	0.92	0.96	0.671	0.00	0.00	NA
320	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE PROCEDURES	48	86	-44	0.002	55.79	42.95	<0.001	5.29	4.45	0.361	1.40	1.40	0.948	1.01	0.76	0.073	2.10	0.80	0.401 [†]
361	SKIN GRAFT FOR SKIN AND SUBCUTANEOUS TISSUE DIAGNOSES	47	76	-38	0.021	63.26	58.40	0.139	5.70	5.67	0.987	1.55	1.33	0.063	0.70	0.92	0.308	0.00	0.40	1.000 [†]
362	MASTECTOMY PROCEDURES	60	72	-17	0.648	53.92	52.56	0.471	4.35	4.29	0.930	1.17	1.20	0.575	1.17	1.15	0.721	0.00	0.00	NA
363	BREAST PROCEDURES EXCEPT MASTECTOMY	68	145	-53	<0.001	58.12	53.74	0.003	2.15	2.87	0.037	1.18	1.24	0.229	0.85	0.99	0.155	0.00	0.00	NA
364	OTHER SKIN, SUBCUTANEOUS TISSUE AND RELATED PROCEDURES	51	49	+5	0.105	57.94	51.25	0.021	5.61	5.15	0.837	1.14	1.29	0.041	0.75	1.03	0.281	2.00	0.00	0.259 [†]
440	KIDNEY TRANSPLANT	12	60	-80	<0.001	34.50	51.40	0.025	15.08	16.39	0.743	2.17	2.12	0.851	0.99	1.06	0.753	0.00	0.00	NA
442	KIDNEY AND URINARY TRACT PROCEDURES FOR MALIGNANCY	43	40	+7	0.201	61.65	62.45	0.865	5.21	5.98	0.180	1.58	1.48	0.405	0.86	0.96	0.296	2.30	0.80	0.457 [†]
443	KIDNEY AND URINARY TRACT PROCEDURES FOR NON-MALIGNANCY	75	89	-15	0.104	50.37	44.90	0.091	4.96	5.95	0.363	1.64	1.49	0.145	0.86	1.07	0.039	1.30	1.10	1.000*
446	URETHRAL AND TRANSURETHRAL PROCEDURES	89	158	-44	<0.001	69.65	67.33	0.146	2.62	2.57	0.849	1.54	1.37	0.015	0.91	0.88	0.607	0.00	0.00	NA
513	UTERINE AND ADNEXA PROCEDURES FOR NON-MALIGNANCY EXCEPT LEIOMYOMA	55	99	-44	<0.001	50.91	50.75	0.947	2.38	2.69	0.509	1.22	1.19	0.649	0.73	0.82	0.446	0.00	0.30	1.000*
540	CESAREAN SECTION WITHOUT STERILIZATION	377	346	+9	0.465	32.24	32.50	0.476	4.81	5.03	0.418	1.51	1.58	0.084	1.06	1.07	0.813	0.00	0.10	1.000 [†]
950	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	57	86	-33	0.021	54.18	53.99	0.952	13.49	10.06	0.188	2.21	2.06	0.261	0.89	0.87	0.931	1.80	4.30	0.701 [†]
951	MODERATELY EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	48	83	-42	<0.001	40.83	50.04	0.017	5.42	7.91	0.176	1.71	1.78	0.573	0.69	0.96	0.107	0.00	4.00	0.375 [†]
TOTAL		5893	11470	-33	<0.001	54.76	52.77	0.008	8.65	6.97	<0.001***	1.77	1.58	<0.001***	0.98	0.94	0.101	2.00	1.50	0.026*

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

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