

Sex

Data Information	2011	2012	2013	2014	2015	2016	2017	2018	2019	delta	AAPC	IC Inf	IC Sup
Admissions	362,159	344,545	359,744	344,402	339,809	338,561	351,769	349,995	353,591	-2.37	-0.19	-0.23	-0.15
Male	182,867	172,784	180,275	171,844	169,033	169,297	173,313	173,638	174,880	-4.37	-0.44	-0.50	-0.38
Female	179,292	171,761	179,469	172,558	170,776	169,264	178,456	176,357	178,711	-0.32	0.06	0.00	0.12
Age-adjusted Admissions rate*	286	265	268	249	238	230	231	223	218	-23.78	-3.26	-3.31	-3.21
Male	145	133	135	125	119	116	115	112	109	-24.83	27.58	22.66	32.69
Female	142	132	133	124	119	115	117	112	110	-22.54	22.86	18.11	27.80
Deaths	43,615	45,225	49,196	49,246	52,225	55,595	55,836	57,379	59,337	36.05	3.90	3.78	4.01
Male	23,372	24,036	26,057	25,779	26,875	29,135	28,683	29,929	30,611	30.97	3.45	3.29	3.61
Female	20,243	21,189	23,139	23,467	25,350	26,460	27,153	27,450	28,726	41.91	4.39	4.22	4.56
Age-adjusted In-hospital Mortality rate*	35	35	37	35	36	37	36	36	35	0.00	0.18	0.04	0.32
Male	44	44	46	44	44	46	44	44	44	0.00	0.06	-0.12	0.24
Female	28	28	29	29	30	30	29	29	29	3.57	0.43	0.22	0.65

*Rates adjusted to the WHO standard population

Race

Data Information	2011	2012	2013	2014	2015	2016	2017	2018	2019	delta	AAPC	IC Inf	IC Sup
Admissions	362,159	344,545	359,744	344,402	339,809	338,561	351,769	349,995	353,591	-2.37	-0.19	-0.23	-0.15
White	136,488	127,530	138,214	131,724	131,292	140,834	138,045	137,816	137,658	0.86	0.55	0.48	0.62
Black	11,986	10,829	10,893	10,711	10,560	11,447	12,454	12,605	13,331	11.22	2.11	1.87	2.35
Brown	95,244	91,185	101,326	101,450	100,352	93,363	105,470	109,579	114,226	19.93	2.18	2.10	2.27
Yellow (Asian)	1,382	1,452	1,484	1,643	3,503	6,738	9,310	10,917	11,868	758.76	37.78	37.21	38.36
Indigenous	749	582	681	704	665	702	824	919	1,009	34.71	5.28	4.31	6.25
No Information	116,310	112,967	107,146	98,170	93,437	85,477	85,666	78,159	75,499	-35.09	-5.55	-5.63	-5.47
Deaths	43,615	45,225	49,196	49,246	52,225	55,595	55,836	57,379	59,337	36.05	3.90	3.78	4.01
White	18,583	18,389	20,805	20,776	21,436	23,737	22,966	23,904	24,582	32.28	3.75	3.57	3.93
Black	1,423	1,372	1,501	1,564	1,588	1,821	2,037	2,208	2,446	71.89	7.80	7.15	8.46
Brown	8,598	8,934	11,008	12,025	13,306	14,111	15,330	16,568	17,562	104.26	9.39	9.14	9.63
Yellow (Asian)	203	196	231	271	444	758	905	1,184	1,417	598.03	33.08	31.52	34.66
Indigenous	28	24	36	41	32	48	65	57	79	182.14	14.81	10.42	19.37
No Information	14,780	16,310	15,615	14,569	15,419	15,120	14,533	13,458	13,251	-10.35	-1.82	-2.02	-1.62

Hospitals

Data Information	2011	2012	2013	2014	2015	2016	2017	2018	2019	delta	AAPC	IC Inf	IC Sup
Admissions	362,159	344,545	359,744	344,402	339,809	338,561	351,769	349,995	353,591	-2.37	-0.19	-0.23	-0.15
Public	147,871	139,816	150,154	143,432	144,173	136,958	151,321	155,074	158,033	6.87	0.93	0.87	1.00
Private	27,441	26,817	26,267	26,158	25,272	23,180	23,454	21,995	22,853	-16.72	-2.75	-2.90	-2.59
Philanthropic	157,516	153,824	164,824	159,497	157,866	168,774	170,217	168,894	169,922	7.88	1.18	1.12	1.24
Deaths	43,615	45,225	49,196	49,246	52,225	55,595	55,836	57,379	59,337	36.05	3.90	3.78	4.01
Public	20,877	21,260	22,982	22,848	25,350	26,671	27,298	28,350	29,399	40.82	4.64	4.47	4.81
Private	1,514	1,632	1,920	2,037	1,938	2,103	1,816	1,686	1,739	14.86	0.85	0.25	1.45
Philanthropic	19,797	20,969	23,172	23,360	24,112	26,194	26,105	26,927	27,890	40.88	4.14	3.97	4.31

Lethality Hospital

Data Information	2011	2012	2013	2014	2015	2016	2017	2018	2019	delta	AAPC	IC_Inf	IC_Sup
Age-adjusted In-hospital Lethality rate	6.59%	7.02%	7.31%	7.39%	7.98%	8.66%	8.19%	8.58%	8.66%	31.54	3.48	3.29	3.68
Public	8.27%	8.58%	8.68%	8.74%	9.68%	10.85%	9.97%	10.28%	10.13%	22.57	3.05	2.78	3.32
Private	2.90%	3.11%	4.05%	3.96%	3.77%	4.66%	3.77%	3.80%	3.78%	30.57	2.75	1.70	3.81
Philanthropic	6.60%	7.19%	7.21%	7.37%	7.76%	7.89%	7.55%	7.87%	8.23%	24.72	2.18	1.90	2.47
Age-adjusted ICU Lethality rate*	45.36%	44.94%	45.46%	45.88%	46.62%	45.59%	44.22%	44.20%	39.87%	-12.10	-1.12	-1.45	-0.78
Public	47.78%	46.24%	47.58%	47.58%	47.85%	46.51%	47.34%	47.45%	41.21%	-13.74	-1.01	-1.59	-0.42
Private	34.81%	33.27%	41.64%	39.09%	39.17%	45.64%	37.29%	38.45%	33.59%	-3.53	-0.13	-1.35	1.10
Philanthropic	45.61%	46.13%	44.99%	46.17%	47.16%	45.16%	43.26%	42.59%	40.16%	-11.96	-1.47	-1.92	-1.02

Data Information	2011	2012	2013	2014	2015	2016	2017	2018	2019	%Δ*	AAPC [95% CI]	2020	2021	%Δ*	AAPC [95% CI]
Admissions	362,159	344,545	359,744	344,402	339,809	338,561	351,769	349,995	353,591	-2.37	-0.19 [-0.23 ; -0.15]	259,030	222,710	-37.01	-21.12 [-21.33 ; -20.91]
South	84,638	80,327	84,718	78,494	78,895	86,906	83,924	82,880	80,403	-5.00	-0.05 [-0.14 ; 0.04]	50,548	42,771	-46.80	-28.17 [-28.59 ; -27.74]
North	25,683	25,503	26,474	25,900	23,595	20,793	24,965	25,011	25,231	-1.76	-0.76 [-0.92 ; -0.6]	19,415	17,040	-32.46	-18.17 [-18.96 ; -17.37]
Northeast	85,814	77,000	81,068	79,515	81,580	69,061	81,625	84,532	86,787	1.13	0.35 [0.27 ; 0.44]	55,786	54,132	-37.63	-22.25 [-22.67 ; -21.82]
Southeast	136,663	133,306	136,724	131,235	127,786	134,384	134,129	131,308	133,712	-2.16	-0.25 [-0.32 ; -0.18]	111,833	93,840	-29.82	-16.23 [-16.58 ; -15.89]
Central-West	29,361	28,409	30,760	29,258	27,953	27,417	27,126	26,264	27,458	-6.48	-1.36 [-1.51 ; -1.21]	21,448	14,927	-45.64	-25.83 [-26.55 ; -25.11]
Age-adjusted Admissions rate ^a	286	265	268	249	238	230	231	223	218	-23.78	-3.26 [-3.31 ; -3.21]	157	131	-39.91	-23.13 [-23.4 ; -22.87]
South	435	399	407	364	353	377	350	334	313	-28.05	-3.46 [-3.57 ; -3.35]	192	157	-49.84	-30.43 [-30.98 ; -29.87]
North	334	324	322	311	281	237	280	272	264	-20.96	-3.31 [-3.48 ; -3.13]	192	163	-38.26	-21.83 [-22.68 ; -20.96]
Northeast	253	223	229	220	220	182	210	212	212	-16.21	-2.03 [-2.14 ; -1.93]	134	127	-40.09	-23.87 [-24.4 ; -23.33]
Southeast	236	223	221	205	193	197	189	180	177	-25.00	-3.58 [-3.66 ; -3.49]	146	119	-32.77	-18.1 [-18.56 ; -17.65]
Central-West	370	342	357	328	306	287	276	256	257	-30.54	-4.84 [-5 ; -4.67]	192	129	-49.81	-28.82 [-29.65 ; -27.98]
Deaths	43,615	45,225	49,196	49,246	52,225	55,595	55,836	57,379	59,337	36.05	3.9 [3.78 ; 4.01]	52,464	48,017	-19.08	-10.1 [-10.64 ; -9.55]
South	8,341	8,877	9,817	9,938	9,847	11,233	10,620	11,343	11,341	35.97	3.74 [3.48 ; 4]	9,182	9,222	-18.68	-10.15 [-11.4 ; -8.89]
North	1,738	1,944	1,934	2,213	2,330	2,508	2,871	3,025	3,138	80.55	7.97 [7.41 ; 8.54]	2,926	2,597	-17.24	-8.96 [-11.28 ; -6.57]
Northeast	6,982	7,458	9,246	9,416	10,979	11,215	12,239	12,594	13,420	92.21	8.24 [7.96 ; 8.51]	10,030	9,671	-27.94	-15.68 [-16.8 ; -14.56]
Southeast	23,622	23,993	24,901	24,255	25,265	26,806	26,359	26,601	27,352	15.79	1.86 [1.7 ; 2.03]	26,626	23,535	-13.96	-7.13 [-7.92 ; -6.32]
Central-West	2,932	2,953	3,298	3,424	3,804	3,833	3,747	3,816	4,086	39.36	4.09 [3.65 ; 4.54]	3,700	2,992	-26.77	-14.17 [-16.15 ; -12.15]
Age-adjusted In-hospital Mortality rate ^a	35	35	37	35	36	37	36	36	35	0.00	0.18 [0.04 ; 0.32]	31	27	-22.86	-12.65 [-13.35 ; -11.95]
South	43	44	47	45	43	47	42	43	42	-2.33	-0.6 [-0.93 ; -0.27]	33	32	-23.81	-12.98 [-14.66 ; -11.27]
North	26	29	27	30	31	32	35	36	36	38.46	4.29 [3.72 ; 4.86]	32	27	-25.00	-12.6 [-15.02 ; -10.11]
Northeast	21	22	26	26	29	29	31	31	32	52.38	5.42 [5.09 ; 5.76]	24	22	-31.25	-17.76 [-19.16 ; -16.33]
Southeast	41	40	40	37	37	38	36	35	35	-14.63	-2.06 [-2.27 ; -1.86]	33	28	-20.00	-9.46 [-10.53 ; -8.37]
Central-West	40	39	41	41	44	42	40	38	39	-2.50	-0.29 [-0.77 ; 0.19]	34	27	-30.77	-17.95 [-20.21 ; -15.63]

AAPC - Annual Average Percent Change (estimated from Poisson regression model)

^a Rates per 100,000 population, adjusted to the WHO standard population

*Percentage change between 2011-2019 and 2019-2021, respectively

Lethality Region

Data Information	2011	2012	2013	2014	2015	2016	2017	2018	2019	%Δ*	AAPC [95% CI]	2020	2021	%Δ*	AAPC [95% CI]
Age-adjusted In-hospital Lethality rate	6.59%	7.02%	7.31%	7.39%	7.98%	8.66%	8.19%	8.58%	8.66%	31.54	3.48 [3.29 ; 3.68]	10.77%	11.64%	34.36	16.12 [14.96 ; 17.3]
South	5.10%	5.77%	5.85%	6.31%	6.22%	6.20%	5.91%	6.31%	6.60%	29.31	2.15 [1.69 ; 2.6]	8.73%	11.53%	74.62	32.14 [29.01 ; 35.34]
North	4.19%	4.63%	4.55%	5.24%	6.05%	7.23%	6.74%	7.23%	7.49%	78.61	8.06 [7.18 ; 8.94]	9.01%	9.17%	22.36	10.93 [6.5 ; 15.55]
Northeast	4.19%	4.63%	4.55%	5.24%	6.05%	7.23%	6.74%	7.23%	7.49%	78.61	8.06 [7.18 ; 8.94]	9.01%	9.17%	22.36	10.93 [6.5 ; 15.55]
Southeast	9.78%	9.91%	9.97%	9.61%	10.69%	10.77%	10.30%	11.10%	10.84%	10.74	1.55 [1.28 ; 1.82]	12.83%	14.14%	30.51	14.3 [12.66 ; 15.97]
Central-West	5.82%	5.87%	6.29%	6.48%	7.32%	8.17%	7.75%	8.23%	8.24%	41.55	5.15 [4.42 ; 5.89]	9.42%	11.40%	38.39	17.49 [13 ; 22.16]
Age-adjusted ICU Lethality rate	45.36%	44.94%	45.46%	45.88%	46.62%	45.59%	44.22%	44.20%	39.87%	-12.10	-1.12 [-1.45 ; -0.78]	39.90%	39.59%	-0.69	-0.34 [-2.14 ; 1.49]
South	42.99%	44.70%	42.02%	44.04%	43.96%	42.67%	38.81%	38.74%	34.09%	-20.70	-2.62 [-3.34 ; -1.88]	34.05%	40.39%	18.47	8.71 [4.19 ; 13.42]
North	51.92%	55.85%	57.50%	55.26%	58.47%	62.40%	56.39%	55.67%	51.55%	-0.71	-0.12 [-1.64 ; 1.42]	56.53%	49.99%	-3.03	-1.35 [-8.69 ; 6.58]
Northeast	51.92%	55.85%	57.50%	55.26%	58.47%	62.40%	56.39%	55.67%	51.55%	-0.71	-0.12 [-1.64 ; 1.42]	56.53%	49.99%	-3.03	-1.35 [-8.69 ; 6.58]
Southeast	44.35%	42.42%	40.87%	40.97%	43.99%	41.67%	41.37%	41.63%	37.39%	-15.69	-1.17 [-1.67 ; -0.66]	36.72%	37.43%	0.11	0.09 [-2.57 ; 2.83]
Central-West	44.64%	40.60%	48.77%	43.27%	44.30%	45.79%	40.24%	47.43%	42.26%	-5.33	-0.2 [-1.22 ; 0.82]	42.92%	39.33%	-6.93	-3.21 [-8.57 ; 2.46]

AAPC - Annual Average Percent Change (estimated from Poisson regression model)

*Percentage change between 2011-2019 and 2019-2021, respectively