

Setting = ICU

Events per 100 observations

Study	Events	Total	Events per 100 observations	Events	95%-CI	Weight (fixed)	Weight (random)
Setting = ICU							
Alharti et al.	15	89	16.9 [9.8; 26.3]	16.9	[9.8; 26.3]	0.6%	2.0%
Cui et al.	20	81	24.7 [15.8; 35.5]	24.7	[15.8; 35.5]	0.6%	2.0%
Desborough et al.	6	66	9.1 [3.4; 18.7]	9.1	[3.4; 18.7]	0.5%	2.0%
Fraissé et al.	12	92	13.0 [6.9; 21.7]	13.0	[6.9; 21.7]	0.7%	2.0%
Grandmaison et al.	17	29	58.6 [38.9; 76.5]	58.6	[38.9; 76.5]	0.2%	1.7%
Helms et al.	3	150	2.0 [0.4; 5.7]	2.0	[0.4; 5.7]	1.1%	2.1%
Klok et al.	3	184	1.6 [0.3; 4.7]	1.6	[0.3; 4.7]	1.3%	2.2%
Longhitano et al.	4	62	6.5 [1.8; 15.7]	6.5	[1.8; 15.7]	0.4%	2.0%
Litjós et al.	14	26	53.8 [33.4; 73.4]	53.8	[33.4; 73.4]	0.2%	1.6%
Lodigiani et al.	10	362	2.8 [1.3; 5.0]	2.8	[1.3; 5.0]	2.6%	2.2%
Longchamp et al.	8	25	32.0 [14.9; 53.5]	32.0	[14.9; 53.5]	0.2%	1.6%
Maatman et al.	30	109	27.5 [19.4; 36.9]	27.5	[19.4; 36.9]	0.8%	2.1%
Nahum et al.	27	34	79.4 [62.1; 91.3]	79.4	[62.1; 91.3]	0.2%	1.8%
Poissy et al.	5	107	4.7 [1.5; 10.6]	4.7	[1.5; 10.6]	0.8%	2.1%
Ren et al.	41	48	85.4 [72.2; 93.9]	85.4	[72.2; 93.9]	0.3%	1.9%
Shah et al.	22	187	11.8 [7.5; 17.3]	11.8	[7.5; 17.3]	1.3%	2.2%
Soumagne et al.	35	375	9.3 [6.6; 12.7]	9.3	[6.6; 12.7]	2.7%	2.2%
Tavazzi et al.	6	54	11.1 [4.2; 22.6]	11.1	[4.2; 22.6]	0.4%	1.9%
Torres-Machorro et al.	9	30	30.0 [14.7; 49.4]	30.0	[14.7; 49.4]	0.2%	1.7%
Thomas et al.	1	63	1.6 [0.0; 8.5]	1.6	[0.0; 8.5]	0.5%	2.0%
Trigonis et al.	19	45	42.2 [27.7; 57.8]	42.2	[27.7; 57.8]	0.3%	1.9%
Voicu et al.	26	56	46.4 [33.0; 60.3]	46.4	[33.0; 60.3]	0.4%	1.9%
Yu et al.	42	142	29.6 [22.2; 37.8]	29.6	[22.2; 37.8]	1.0%	2.1%
Zermatten et al.	7	100	7.0 [2.9; 13.9]	7.0	[2.9; 13.9]	0.7%	2.1%
Fixed effect model	2516		12.3 [11.1; 13.6]	12.3	[11.1; 13.6]	18.0%	--
Random effects model			21.1 [13.8; 29.5]	21.1	[13.8; 29.5]	--	47.2%

Heterogeneity: $I^2 = 96\%$, $\tau^2 = 0.05$, $p < 0.01$

Setting = General ward and ICU

Events per 100 observations

Study	Events	Total	Events per 100 observations	Events	95%-CI	Weight (fixed)	Weight (random)
Setting = General ward and ICU							
Al-Samkari et al.	10	400	2.5 [1.2; 4.5]	2.5	[1.2; 4.5]	2.9%	2.2%
Beigel et al.	15	1063	1.4 [0.8; 2.3]	1.4	[0.8; 2.3]	7.6%	2.3%
Bilaloglu et al.	130	3334	3.9 [3.3; 4.6]	3.9	[3.3; 4.6]	23.8%	2.3%
Bozzani et al.	31	942	3.3 [2.2; 4.6]	3.3	[2.2; 4.6]	6.7%	2.3%
Cattaneo et al.	0	64	0.0 [0.0; 5.6]	0.0	[0.0; 5.6]	0.5%	2.0%
Demelo-Rodríguez et al.	23	156	14.7 [9.6; 21.3]	14.7	[9.6; 21.3]	1.1%	2.1%
Dubois-Silva et al.	0	177	0.0 [0.0; 2.1]	0.0	[0.0; 2.1]	1.3%	2.2%
Dumanetepe et al.	21	352	6.0 [3.7; 9.0]	6.0	[3.7; 9.0]	2.5%	2.2%
Galaneo-Valle et al.	13	785	1.7 [0.9; 2.8]	1.7	[0.9; 2.8]	5.6%	2.2%
Jimenez-Guiu et al.	6	57	10.5 [4.0; 21.5]	10.5	[4.0; 21.5]	0.4%	1.9%
Kartsios et al.	3	1583	0.2 [0.0; 0.6]	0.2	[0.0; 0.6]	11.3%	2.3%
Le Jeune et al.	8	42	19.0 [8.6; 34.1]	19.0	[8.6; 34.1]	0.3%	1.8%
Marone et al.	36	101	35.6 [26.4; 45.8]	35.6	[26.4; 45.8]	0.7%	2.1%
Mei et al.	15	256	5.9 [3.3; 9.5]	5.9	[3.3; 9.5]	1.8%	2.2%
Middeldorp et al.	26	198	13.1 [8.8; 18.6]	13.1	[8.8; 18.6]	1.4%	2.2%
Moll et al.	7	210	3.3 [1.4; 6.7]	3.3	[1.4; 6.7]	1.5%	2.2%
Patell et al.	14	398	3.5 [1.9; 5.8]	3.5	[1.9; 5.8]	2.8%	2.2%
Pesavento et al.	4	322	1.2 [0.3; 3.1]	1.2	[0.3; 3.1]	2.3%	2.2%
Rieder et al.	0	49	0.0 [0.0; 7.3]	0.0	[0.0; 7.3]	0.4%	1.9%
Spiemann et al.	11	165	6.7 [3.4; 11.6]	6.7	[3.4; 11.6]	1.2%	2.1%
Stoneham et al.	5	274	1.8 [0.6; 4.2]	1.8	[0.6; 4.2]	2.0%	2.2%
Trimaille et al.	12	289	4.2 [2.2; 7.1]	4.2	[2.2; 7.1]	2.1%	2.2%
Xing et al.	5	20	25.0 [8.7; 49.1]	25.0	[8.7; 49.1]	0.1%	1.5%
Violoi et al.	0	93	0.0 [0.0; 3.9]	0.0	[0.0; 3.9]	0.7%	2.1%
Zhang et al.	43	143	30.1 [22.7; 38.3]	30.1	[22.7; 38.3]	1.0%	2.1%
Fixed effect model	11473		2.9 [2.6; 3.2]	2.9	[2.6; 3.2]	82.0%	--
Random effects model			4.7 [3.0; 6.8]	4.7	[3.0; 6.8]	--	52.8%

Heterogeneity: $I^2 = 95\%$, $\tau^2 = 0.01$, $p < 0.01$

Setting = General ward

Events per 100 observations

Study	Events	Total	Events per 100 observations	Events	95%-CI	Weight (fixed)	Weight (random)
Setting = General ward							
Fixed effect model	13989		4.1 [3.8; 4.5]	4.1	[3.8; 4.5]	100.0%	--
Random effects model			11.0 [8.3; 14.1]	11.0	[8.3; 14.1]	--	100.0%

Residual heterogeneity: $I^2 = 95\%$, $\tau^2 = 0.01$, $p < 0.01$ Test for subgroup differences (random effects): $\chi^2 = 22.50$, df = 1 ($p < 0.01$)