

**Online Supplement — Table 2.** Rates and rate ratios for pneumococcal pneumonia requiring hospitalization, by age and risk profile

	Rate per 100K Person-Years (95% CI)			Decline in Rate (95% CI) from 2007-2010 to		Rate Ratios (95% CI) vs Healthy		
	2007-2010	2011-2012	2013-2015	2011-2012	2013-2015	2007-2010	2011-2012	2013-2015
<b>Pneumococcal Pneumonia</b>								
<b>Age/Risk Profile</b>								
<b>18-49</b>								
Healthy	2.4 (2.3, 2.6)	1.6 (1.4, 1.7)	1.2 (1.1, 1.3)	36% (27%, 44%)	51% (44%, 57%)	—	—	—
At-Risk	8.3 (7.3, 9.3)	7.1 (6.0, 8.3)	6.0 (5.1, 6.9)	15% (-4%, 30%)	28% (13%, 40%)	3.4 (2.9, 3.9)	4.5 (3.7, 5.5)	5.0 (4.1, 6.0)
High-Risk	30.3 (26.5, 34.6)	26.4 (22.3, 31.3)	21.1 (17.9, 24.9)	13% (-8%, 30%)	30% (14%, 44%)	12.4 (10.7, 14.5)	16.9 (13.8, 20.8)	17.6 (14.4, 21.5)
<b>50-64</b>								
Healthy	5.8 (5.5, 6.2)	3.8 (3.4, 4.2)	3.9 (3.5, 4.2)	35% (27%, 42%)	34% (26%, 41%)	—	—	—
At-Risk	19.9 (18.7, 21.2)	15.6 (14.3, 17.0)	14.8 (13.7, 16.0)	22% (13%, 30%)	26% (18%, 33%)	3.4 (3.1, 3.7)	4.1 (3.6, 4.7)	3.8 (3.4, 4.3)
High-Risk	52.9 (49.3, 56.8)	46.8 (42.8, 51.2)	43.0 (39.7, 46.6)	11% (1%, 21%)	19% (9%, 27%)	9.0 (8.2, 10.0)	12.3 (10.8, 14.1)	11.1 (9.9, 12.6)
<b>65-74</b>								
Healthy	9.6 (8.4, 10.9)	7.3 (6.0, 8.8)	7.5 (6.4, 8.8)	24% (4%, 39%)	22% (4%, 37%)	—	—	—
At-Risk	35.6 (32.7, 38.6)	29.8 (26.6, 33.3)	26.8 (24.3, 29.6)	16% (4%, 27%)	25% (14%, 34%)	3.7 (3.2, 4.3)	4.1 (3.3, 5.1)	3.6 (3.0, 4.3)
High-Risk	72.4 (66.0, 79.5)	68.1 (60.6, 76.6)	64.7 (58.6, 71.5)	6% (-9%, 19%)	11% (-2%, 22%)	7.5 (6.4, 8.9)	9.3 (7.5, 11.6)	8.6 (7.2, 10.4)
<b>≥75</b>								
Healthy	24.4 (22.2, 26.8)	20.2 (17.5, 23.3)	22.9 (20.2, 26.0)	17% (2%, 30%)	6% (-10%, 20%)	—	—	—
At-Risk	68.3 (64.4, 72.4)	64.1 (59.3, 69.3)	66.3 (62.0, 70.9)	6% (-3%, 15%)	3% (-6%, 11%)	2.8 (2.5, 3.1)	3.2 (2.7, 3.7)	2.9 (2.5, 3.3)
High-Risk	97.0 (90.2, 104.2)	91.0 (82.9, 99.8)	101.5 (94.2, 109.5)	6% (-6%, 17%)	-5% (-16%, 6%)	4.0 (3.5, 4.5)	4.5 (3.8, 5.3)	4.4 (3.8, 5.1)