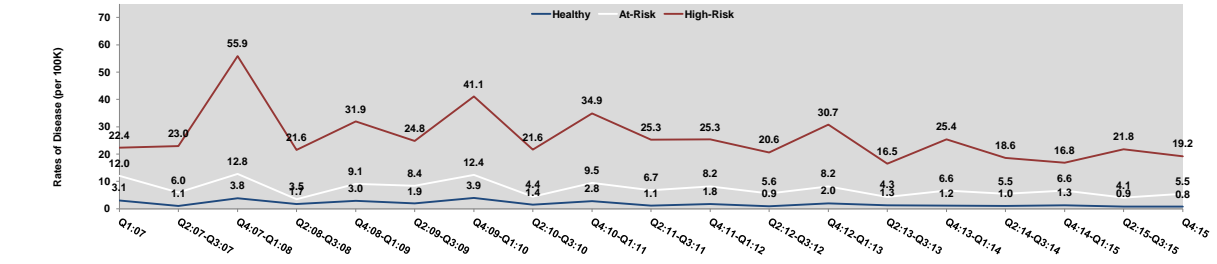


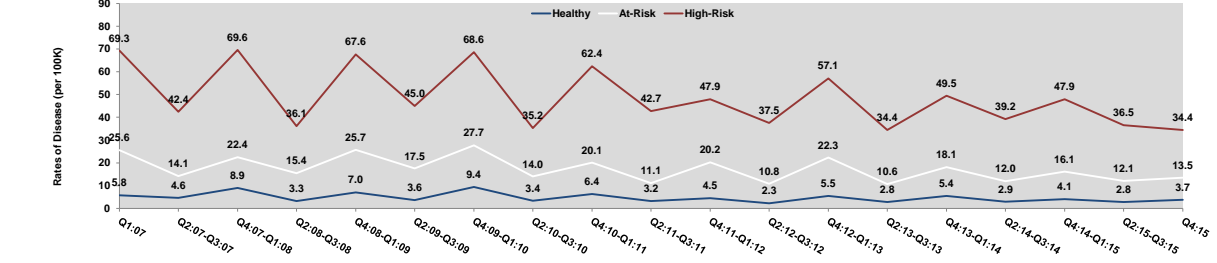
Online Supplement — Figure 3. Rates of pneumococcal pneumonia requiring hospitalization from 2007-2015, by age and risk profile

A. 18-49 Years



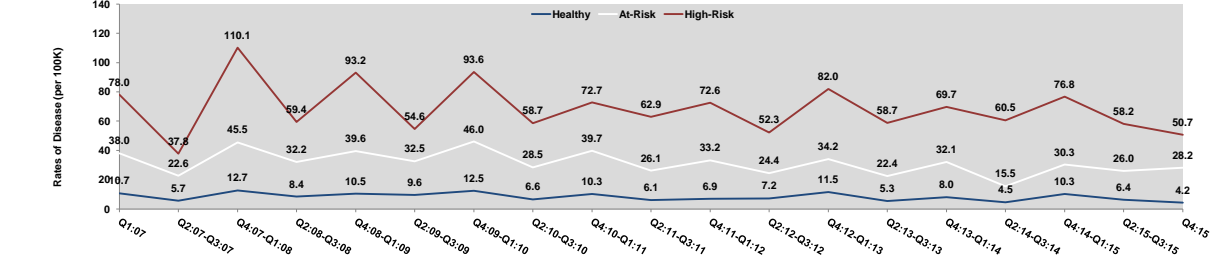
No. Person-Yrs (K)	Healthy	At-Risk	High-Risk
Healthy	1497	2979	3153
At-Risk	141	302	337
High-Risk	36	74	79
At-Risk vs Healthy			
Rate Ratios	3.9	5.6	3.4
(95% CI)	(2.2, 6.8)	(3.1, 9.9)	(2.4, 4.8)
High-Risk vs Healthy			
Rate Ratios	7.3	21.4	14.7
(95% CI)	(3.4, 15.4)	(11.9, 38.5)	(10.4, 20.7)

B. 50-64 Years



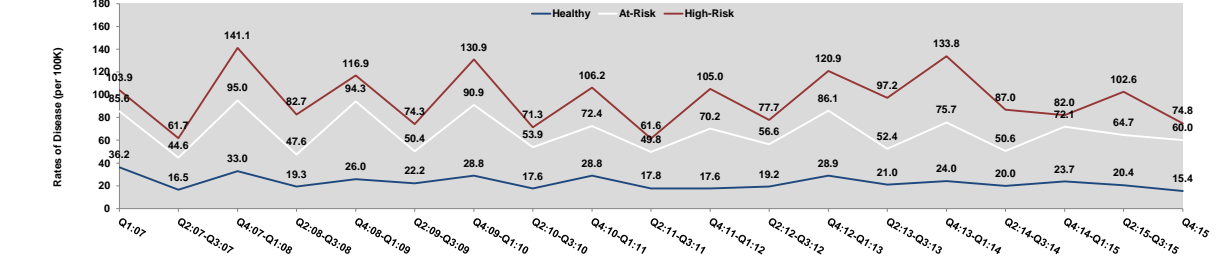
No. Person-Yrs (K)	Healthy	At-Risk	High-Risk
Healthy	800	1577	1666
At-Risk	234	488	531
High-Risk	71	146	157
At-Risk vs Healthy			
Rate Ratios	4.5	3.1	2.5
(95% CI)	(3.0, 6.5)	(2.2, 4.3)	(2.0, 3.2)
High-Risk vs Healthy			
Rate Ratios	12.0	9.3	7.8
(95% CI)	(8.1, 18.0)	(6.6, 13.0)	(6.1, 10.0)

C. 65-74 Years



No. Person-Yrs (K)	Healthy	At-Risk	High-Risk
Healthy	150	282	292
At-Risk	92	181	191
High-Risk	35	69	73
At-Risk vs Healthy			
Rate Ratios	3.5	4.0	3.6
(95% CI)	(2.0, 6.4)	(2.2, 7.1)	(2.4, 5.3)
High-Risk vs Healthy			
Rate Ratios	7.3	6.7	8.7
(95% CI)	(3.9, 13.5)	(3.6, 12.4)	(5.9, 12.8)

D. ≥75 Years



No. Person-Yrs (K)	Healthy	At-Risk	High-Risk
Healthy	110	212	218
At-Risk	97	188	198
High-Risk	43	86	91
At-Risk vs Healthy			
Rate Ratios	2.4	2.7	2.9
(95% CI)	(1.6, 3.4)	(1.8, 4.0)	(2.2, 3.8)
High-Risk vs Healthy			
Rate Ratios	2.9	3.7	4.3
(95% CI)	(1.9, 4.4)	(2.4, 5.7)	(3.2, 5.7)