

**55.** You are given:

Class	Number of Insureds	Claim Count Probabilities				
		0	1	2	3	4
1	3000	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	0	0
2	2000	0	$\frac{1}{6}$	$\frac{2}{3}$	$\frac{1}{6}$	0
3	1000	0	0	$\frac{1}{6}$	$\frac{2}{3}$	$\frac{1}{6}$

A randomly selected insured has one claim in Year 1.

Determine the expected number of claims in Year 2 for that insured.

- (A) 1.00
- (B) 1.25
- (C) 1.33
- (D) 1.67
- (E) 1.75