

Table 1 Epizootological data on avian influenza viruses isolated during 2015, Egypt

Variable	No. (%) of samples collected (n = 4260)	No. (%) of influenza A-positive samples	<i>P</i> -value ^a
Sample type			< 0.001
Cloacal	2383 (55.9)	76 (3.1)	
Oropharyngeal	1877 (44.1)	116 (5.8)	
Governorate			< 0.001
Gharbiya	129 (4.5)	0 (0)	
Daqahliya	670 (15.7)	68 (10.1)	
Qalubiya	417 (9.8)	10 (2.4)	
Menofiya	22 (0.52)	0 (0)	
Sharqiya	747 (17.5)	39 (5.2)	
Fayyoun	717 (16.8)	18 (2.5)	
BeniSuef	20 (0.46)	2 (10.0)	
Menia	530 (12.4)	6 (1.1)	
Assiut	557 (13.0)	29 (5.2)	
Sohag	451 (10.6)	20 (4.4)	
Species			0.096
Chickens	3767 (88.4)	138 (3.7)	
Ducks	292 (6.9)	8 (2.7)	
Pigeons	110 (2.6)	1 (0.9)	
Turkeys	91 (2.1)	0 (0)	
Production sector			0.270
Abattoir	154 (3.6)	2 (1.3)	
Commercial farm ²	2671 (62.7)	122 (4.6)	
Backyard flock	777 (18.2)	36 (4.6)	
Live-bird market	658 (0.2)	32 (4.9)	

¹*P*-value generated by Chi Square test 2; ²Farms with more than 1000 birds raised for commercial purposes.