

## Vaccine-Induced Immunity

### Age(vs <20)

	Case/Control	
20–40	155/525	0.59 (0.42 to 0.83)
40–60	259/892	0.58 (0.42 to 0.80)
>60	306/1015	0.60 (0.44 to 0.83)

### Sex(vs Male)

	Case/Control	
Female	472/1375	1.31 (1.14 to 1.52)

### Otherdisease(vs yes)

	Case/Control	
no	419/1322	1.06 (0.92 to 1.22)

### Immune\_gap(vs <1 month)

	Case/Control	
1–6 months	205/600	3.15 (2.26 to 4.41)
6–12 months	526/1539	3.16 (2.29 to 4.36)
>1 year	5/14	3.30 (1.47 to 7.37)

### Vac\_dose(vs 2 doses)

	Case/Control	
3 doses	442/1490	0.83 (0.68 to 1.03)
4 doses	197/666	0.83 (0.67 to 1.04)

### S\_ab(vs <6000)

	Case/Control	
6000–15000	81/416	0.53 (0.45 to 0.63)
15000–24000	32/176	0.50 (0.40 to 0.62)
>=24000	20/192	0.28 (0.23 to 0.35)

