

Supplement Table 3: The reduction in incidence, hospitalization, deaths and direct medical costs for a single dose campaign and a campaign where those 50 or older receive a second dose six months after their first dose relative to a continual vaccination campaign.

Population		Baseline		28-day delay		Summer peak is largest		Single peak	
		Single-dose	Two-doses 50+	Single-dose	Two-doses 50+	Single-dose	Two-doses 50+	Single-dose	Two-doses 50+
Incidence	Total	-1.6% (-1.7%—-1.4%)	-0.6% (-0.7%—-0.5%)	0.0% (-0.1%—0.0%)	0.8% (0.8%—0.9%)	-1.0% (-1.1%—-0.8%)	0.6% (0.4%—0.7%)	0.5% (0.4%—0.6%)	0.6% (0.5%—0.7%)
	0–49	-0.3% (-0.4%—-0.2%)	0.3% (0.2%—0.4%)	0.0% (0.0%—0.0%)	0.5% (0.5%—0.6%)	0.3% (0.2%—0.5%)	1.4% (1.3%—1.6%)	1.4% (1.3%—1.5%)	1.4% (1.3%—1.6%)
	50–64	-2.8% (-2.9%—-2.7%)	-1.7% (-1.8%—-1.6%)	-0.1% (-0.1%—-0.1%)	0.9% (0.8%—0.9%)	-2.3% (-2.4%—-2.1%)	-0.4% (-0.6%—-0.3%)	-0.7% (-0.8%—-0.7%)	-0.6% (-0.6%—-0.5%)
	65+	-6.4% (-6.5%—-6.2%)	-3.5% (-3.6%—-3.4%)	-0.1% (-0.2%—-0.1%)	2.4% (2.3%—2.5%)	-6.4% (-6.6%—-6.2%)	-2.4% (-2.6%—-2.3%)	-2.0% (-2.2%—-1.8%)	-1.5% (-1.7%—-1.4%)
Hospitalizati	Total	1.3% (1.1%—1.4%)	3.1% (2.9%—3.2%)	-1.0% (-1.0%—-0.9%)	0.7% (0.6%—0.8%)	0.9% (0.8%—1.1%)	3.4% (3.2%—3.6%)	5.8% (5.5%—6.0%)	6.1% (5.8%—6.3%)
	0–49	6.3% (6.2%—6.5%)	6.9% (6.8%—7.1%)	-0.6% (-0.6%—-0.6%)	0.0% (-0.1%—0.0%)	6.3% (6.2%—6.5%)	7.3% (7.2%—7.5%)	9.1% (8.9%—9.4%)	9.2% (9.0%—9.5%)
	50–64	0.3% (0.2%—0.4%)	1.4% (1.3%—1.5%)	-1.0% (-1.0%—-0.9%)	0.1% (0.0%—0.1%)	0.1% (0.0%—0.2%)	1.9% (1.8%—2.1%)	4.1% (3.9%—4.4%)	4.3% (4.1%—4.5%)
	65+	-3.0% (-3.2%—-2.8%)	0.3% (0.1%—0.5%)	-1.3% (-1.4%—-1.3%)	1.7% (1.6%—1.7%)	-4.1% (-4.3%—-3.9%)	0.3% (0.1%—0.5%)	3.5% (3.2%—3.9%)	4.1% (3.7%—4.4%)
Deaths	Total	3.2% (3.0%—3.3%)	5.6% (5.5%—5.8%)	-2.5% (-2.5%—-2.4%)	-0.1% (-0.2%—0.0%)	1.5% (1.3%—1.6%)	4.8% (4.6%—5.0%)	10.9% (10.6%—11.2%)	11.3% (10.9%—11.6%)
	0–49	8.7% (8.6%—8.8%)	9.3% (9.1%—9.4%)	-1.0% (-1.1%—-1.0%)	-0.5% (-0.6%—-0.5%)	8.3% (8.2%—8.4%)	9.2% (9.1%—9.4%)	12.4% (12.1%—12.7%)	12.4% (12.2%—12.7%)
	50–64	2.9% (2.8%—3.1%)	4.0% (3.9%—4.2%)	-1.7% (-1.7%—-1.7%)	-0.7% (-0.7%—-0.6%)	2.1% (2.0%—2.3%)	3.9% (3.7%—4.1%)	8.3% (8.0%—8.6%)	8.4% (8.2%—8.7%)
	65+	2.0% (1.7%—2.2%)	5.3% (5.1%—5.6%)	-3.0% (-3.1%—-3.0%)	0.2% (0.0%—0.3%)	-0.4% (-0.6%—-0.2%)	4.1% (3.8%—4.3%)	11.3% (10.8%—11.7%)	11.8% (11.3%—12.2%)
Direct costs	Total	1.3% (1.2%—1.5%)	3.1% (3.0%—3.2%)	-1.0% (-1.0%—-1.0%)	0.7% (0.6%—0.7%)	1.0% (0.8%—1.1%)	3.4% (3.3%—3.6%)	5.8% (5.6%—6.1%)	6.1% (5.8%—6.4%)
	0–49	6.3% (6.2%—6.5%)	6.9% (6.8%—7.0%)	-0.6% (-0.6%—-0.6%)	0.0% (-0.1%—0.0%)	6.3% (6.2%—6.4%)	7.3% (7.2%—7.5%)	9.1% (8.9%—9.4%)	9.2% (8.9%—9.5%)
	50–64	0.3% (0.2%—0.4%)	1.4% (1.3%—1.5%)	-1.0% (-1.0%—-0.9%)	0.1% (0.0%—0.1%)	0.1% (0.0%—0.2%)	1.9% (1.8%—2.1%)	4.2% (3.9%—4.4%)	4.3% (4.1%—4.5%)
	65+	-2.9% (-3.1%—-2.7%)	0.3% (0.2%—0.5%)	-1.4% (-1.4%—-1.3%)	1.6% (1.5%—1.7%)	-4.0% (-4.2%—-3.9%)	0.3% (0.2%—0.5%)	3.7% (3.3%—4.0%)	4.2% (3.9%—4.5%)