medians

| Measure | No vaccination | Current seasonal | Improved (minimal) | Improved (breadth) | Improved (efficacy) | Universal |
| --- | --- | --- | --- | --- | --- | --- |
| Total cases (millions) | 51.77 (35.47, 68.48) | 37.87 (24.59, 52.86) | 31.4 (19.47, 46.28) | 26.08 (15.03, 40.06) | 22.91 (12.54, 35.85) | 17.91 (8.65, 29.49) |
| Total URT infections (millions) | 30.2 (19.86, 42.79) | 22.12 (13.76, 33.34) | 18.42 (10.59, 28.5) | 15.3 (8.33, 24.61) | 13.35 (7.08, 22.11) | 10.41 (5, 18.3) |
| Total out-patient visits by patients with URT infection (millions) | 5.69 (3.68, 8.21) | 3.83 (2.33, 5.63) | 3.02 (1.76, 4.6) | 2.38 (1.34, 3.79) | 2 (1.1, 3.28) | 1.46 (0.78, 2.49) |
| Total LRT infections (millions) | 10.85 (6.14, 17.36) | 7.9 (4.39, 13.26) | 6.53 (3.42, 11.13) | 5.46 (2.72, 9.59) | 4.77 (2.4, 8.45) | 3.71 (1.7, 7.01) |
| Total LRT infections that are not hospitalised (millions) | 10.73 (6.06, 17.21) | 7.81 (4.34, 13.12) | 6.47 (3.38, 11.03) | 5.41 (2.68, 9.5) | 4.72 (2.36, 8.39) | 3.67 (1.68, 6.96) |
| Total patients with severe illness that are hospitalised | 0.12 (79166, 0.17) | 84419 (53886, 0.12) | 67860 (41078, 0.1) | 54581 (31218, 83896) | 46483 (25560, 73736) | 35092 (18137, 58784) |
| Total deaths | 11579 (5593, 22269) | 8521 (4002, 16458) | 7174 (3381, 14295) | 6074 (2927, 12303) | 5366 (2533, 11171) | 4338 (1981, 9425) |
| Total lost wages (millions USD) due to influenza related illness (non-hospitalised) | 9.18 (17, 366.44) | 6.19 (13, 241.74) | 4.96 (11, 189.95) | 3.76 (8, 146.28) | 3.15 (7, 120.21) | 2.37 (5, 91.35) |
| Total lost wages (millions USD) due to influenza related hospitalisation | 4.13 (0.14, 23.11) | 2.86 (0.1, 16.32) | 2.29 (82412, 13.15) | 1.9 (63883, 10.78) | 1.6 (54091, 9.21) | 1.22 (43178, 7.27) |
| Total YLD (undiscounted) | 8152 (4263, 13575) | 5932 (2930, 10390) | 4922 (2329, 8953) | 4124 (1911, 7610) | 3582 (1642, 6755) | 2769 (1176, 5416) |
| Total YLL (undiscounted) (millions) | 0.37 (0.17, 0.81) | 0.26 (0.12, 0.58) | 0.22 (94922, 0.48) | 0.18 (76322, 0.39) | 0.16 (67156, 0.33) | 0.12 (51778, 0.26) |
| Total DALYs (undiscounted) (millions) | 0.38 (0.17, 0.82) | 0.27 (0.12, 0.59) | 0.22 (97828, 0.48) | 0.18 (80025, 0.4) | 0.16 (70297, 0.34) | 0.12 (53855, 0.27) |
| Total YLD (discounted) | 7228 (3808, 12181) | 5275 (2606, 9325) | 4387 (2080, 7967) | 3687 (1694, 6865) | 3186 (1479, 6045) | 2496 (1057, 4929) |
| Total YLL (discounted) (millions) | 0.18 (86550, 0.36) | 0.13 (60265, 0.27) | 0.11 (50040, 0.22) | 90918 (41819, 0.19) | 79542 (35931, 0.17) | 63264 (28276, 0.13) |
| Total DALYs (discounted) (millions) | 0.19 (91901, 0.37) | 0.14 (63884, 0.28) | 0.11 (52707, 0.23) | 95267 (44225, 0.2) | 82911 (38401, 0.18) | 65901 (29536, 0.14) |

total.costs.dalys.by.year

| Vaccine | Year | Total doses administered (millions) | Total cases (millions) | Total DALYs (discounted) | Total costs (discounted) (millions USD) | Total DALYs averted (discounted) |
| --- | --- | --- | --- | --- | --- | --- |
| No vaccination | 2,010 | 0 (0, 0) | 2.99 (0.53, 9.35) | 13376 (2232, 52242) | 6.32 (0.87, 48.81) | 0 (0, 0) |
| No vaccination | 2,011 | 0 (0, 0) | 8.12 (2.38, 16.55) | 28856 (7903, 79768) | 14.2 (3.17, 79.22) | 0 (0, 0) |
| No vaccination | 2,012 | 0 (0, 0) | 8.75 (2.75, 14.46) | 38455 (10559, 83831) | 14.63 (4.01, 78.08) | 0 (0, 0) |
| No vaccination | 2,013 | 0 (0, 0) | 2.37 (0.48, 7.78) | 7702 (1777, 32551) | 4.29 (0.54, 35.17) | 0 (0, 0) |
| No vaccination | 2,014 | 0 (0, 0) | 4.82 (0.55, 10) | 13490 (2120, 40806) | 5.31 (0.63, 33.67) | 0 (0, 0) |
| No vaccination | 2,015 | 0 (0, 0) | 0.63 (0.47, 1.02) | 2738 (1487, 5447) | 0.73 (0.31, 3.78) | 0 (0, 0) |
| No vaccination | 2,016 | 0 (0, 0) | 15.59 (7.41, 24.1) | 50596 (18458, 110822) | 15.03 (5.17, 80.56) | 0 (0, 0) |
| No vaccination | 2,017 | 0 (0, 0) | 0.6 (0.4, 4.23) | 2724 (1266, 17005) | 0.77 (0.23, 7.55) | 0 (0, 0) |
| No vaccination | 2,018 | 0 (0, 0) | 5.75 (1.22, 14.1) | 18186 (3572, 60764) | 7.25 (1.15, 44.35) | 0 (0, 0) |
| No vaccination | 2,019 | 0 (0, 0) | 0.13 (65074, 0.36) | 463 (190, 1641) | 0.15 (31630, 1.13) | 0 (0, 0) |
| Current seasonal | 2,010 | 3.57 (3.57, 3.57) | 0.97 (0.45, 6.24) | 4713 (1719, 30348) | 23.99 (16.26, 50.16) | 7947 (276, 26027) |
| Current seasonal | 2,011 | 3.67 (3.67, 3.67) | 5.77 (1.45, 13.81) | 20407 (5148, 63363) | 30.63 (18.99, 76.9) | 7675 (2463, 20245) |
| Current seasonal | 2,012 | 3.77 (3.77, 3.77) | 7.49 (1.89, 13.43) | 32329 (7410, 73858) | 32.07 (19.54, 86.83) | 5619 (1898, 12127) |
| Current seasonal | 2,013 | 3.87 (3.87, 3.87) | 0.6 (0.41, 3.83) | 2763 (1345, 13211) | 19.96 (14.61, 35.79) | 5010 (188, 22258) |
| Current seasonal | 2,014 | 3.97 (3.97, 3.97) | 3.88 (0.48, 9.48) | 11096 (1831, 38079) | 22.8 (15.47, 51.55) | 2048 (231, 5738) |
| Current seasonal | 2,015 | 4.08 (4.08, 4.08) | 0.6 (0.45, 0.96) | 2621 (1415, 5135) | 17.97 (13.9, 28.19) | 121 (37, 348) |
| Current seasonal | 2,016 | 4.18 (4.18, 4.18) | 12.72 (5.31, 21.91) | 40383 (12943, 90425) | 28.82 (18.8, 82.12) | 9496 (2101, 24279) |
| Current seasonal | 2,017 | 4.29 (4.29, 4.29) | 0.45 (0.38, 1.65) | 2153 (1132, 6751) | 16.84 (13.32, 26.23) | 551 (48, 10043) |
| Current seasonal | 2,018 | 4.4 (4.4, 4.4) | 2.64 (0.63, 10.19) | 8214 (2008, 39349) | 19.94 (14.14, 42.73) | 8786 (1361, 26834) |
| Current seasonal | 2,019 | 0 (0, 0) | 98084 (64473, 0.35) | 396 (188, 1584) | 0.12 (30050, 0.98) | 11 (-729, 865) |
| Improved (minimal) | 2,010 | 3.57 (3.57, 3.57) | 0.96 (0.45, 6.24) | 4633 (1695, 30335) | 23.93 (16.21, 49.85) | 7982 (316, 26121) |
| Improved (minimal) | 2,011 | 3.67 (3.67, 3.67) | 4.47 (1.12, 12.17) | 15774 (4127, 54069) | 28.37 (17.92, 65.42) | 11598 (3324, 30681) |
| Improved (minimal) | 2,012 | 3.77 (3.77, 3.77) | 5.92 (1.26, 11.91) | 25562 (4751, 61387) | 29.14 (18.47, 74.96) | 11958 (4122, 25980) |
| Improved (minimal) | 2,013 | 3.87 (3.87, 3.87) | 0.52 (0.4, 2.77) | 2467 (1295, 9191) | 19.61 (14.51, 32.73) | 5356 (228, 25003) |
| Improved (minimal) | 2,014 | 3.97 (3.97, 3.97) | 2.5 (0.42, 8.43) | 7407 (1539, 31777) | 21.5 (15.01, 42.42) | 4893 (408, 13984) |
| Improved (minimal) | 2,015 | 4.08 (4.08, 4.08) | 0.57 (0.44, 0.9) | 2510 (1360, 4714) | 17.92 (13.82, 27.96) | 237 (70, 718) |
| Improved (minimal) | 2,016 | 4.18 (4.18, 4.18) | 11.25 (4.02, 20.47) | 35495 (10062, 81000) | 27.26 (17.98, 73.94) | 14073 (3906, 35376) |
| Improved (minimal) | 2,017 | 4.29 (4.29, 4.29) | 0.41 (0.37, 0.88) | 1984 (1089, 4352) | 16.76 (13.22, 25.74) | 688 (66, 13353) |
| Improved (minimal) | 2,018 | 4.4 (4.4, 4.4) | 1.67 (0.54, 8.45) | 5453 (1641, 31171) | 18.89 (13.77, 36.19) | 11438 (1798, 35937) |
| Improved (minimal) | 2,019 | 0 (0, 0) | 78129 (63541, 0.32) | 355 (180, 1301) | 92942 (27972, 0.78) | 56 (-723, 1078) |
| Improved (breadth) | 2,010 | 3.57 (3.57, 3.57) | 0.95 (0.44, 6.24) | 4540 (1677, 30306) | 23.9 (16.18, 49.66) | 8031 (352, 26228) |
| Improved (breadth) | 2,011 | 1.47 (1.47, 1.47) | 4.01 (1.03, 11.35) | 13943 (3624, 48453) | 14.71 (8.28, 46.02) | 13078 (3529, 36091) |
| Improved (breadth) | 2,012 | 1.51 (1.51, 1.51) | 5.17 (1.09, 11.26) | 22148 (3971, 57236) | 15.84 (8.39, 56.25) | 14717 (4816, 32467) |
| Improved (breadth) | 2,013 | 1.55 (1.55, 1.55) | 0.56 (0.4, 3.65) | 2611 (1301, 12680) | 8.8 (6.2, 18.58) | 5152 (245, 22894) |
| Improved (breadth) | 2,014 | 1.6 (1.6, 1.6) | 1.34 (0.39, 7.31) | 4425 (1396, 26343) | 9.33 (6.24, 24.61) | 7576 (477, 22485) |
| Improved (breadth) | 2,015 | 1.64 (1.64, 1.64) | 0.53 (0.42, 0.81) | 2353 (1305, 4284) | 7.58 (5.83, 11.89) | 403 (126, 1161) |
| Improved (breadth) | 2,016 | 1.68 (1.68, 1.68) | 8.99 (1.91, 18.03) | 28031 (5580, 70398) | 14.31 (8.12, 51.74) | 21152 (6935, 50561) |
| Improved (breadth) | 2,017 | 1.72 (1.72, 1.72) | 0.4 (0.36, 0.77) | 1914 (1047, 4056) | 7 (5.47, 10.85) | 745 (98, 13704) |
| Improved (breadth) | 2,018 | 1.77 (1.77, 1.77) | 0.78 (0.46, 5.93) | 3076 (1338, 20890) | 7.84 (5.65, 18.29) | 14302 (2037, 45075) |
| Improved (breadth) | 2,019 | 0 (0, 0) | 64235 (62055, 0.26) | 309 (165, 968) | 65527 (24835, 0.47) | 161 (-604, 1266) |
| Improved (efficacy) | 2,010 | 3.57 (3.57, 3.57) | 0.78 (0.43, 5.31) | 3885 (1593, 24787) | 23.39 (16, 44.62) | 9041 (414, 31077) |
| Improved (efficacy) | 2,011 | 2.2 (2.2, 2.2) | 3.26 (0.9, 10.19) | 11399 (3269, 43392) | 17.74 (11.09, 45.33) | 15209 (4074, 42340) |
| Improved (efficacy) | 2,012 | 2.26 (2.26, 2.26) | 4.24 (0.97, 10.57) | 18227 (3494, 51981) | 18.37 (10.97, 53.54) | 18353 (5503, 40248) |
| Improved (efficacy) | 2,013 | 2.32 (2.32, 2.32) | 0.48 (0.39, 2.03) | 2264 (1250, 6507) | 12.02 (8.85, 20.42) | 5542 (278, 26881) |
| Improved (efficacy) | 2,014 | 2.39 (2.39, 2.39) | 1.01 (0.37, 6.99) | 3659 (1342, 24533) | 12.66 (8.96, 26.93) | 8348 (503, 25177) |
| Improved (efficacy) | 2,015 | 2.45 (2.45, 2.45) | 0.52 (0.41, 0.78) | 2313 (1293, 4160) | 10.98 (8.47, 17.22) | 434 (133, 1274) |
| Improved (efficacy) | 2,016 | 2.51 (2.51, 2.51) | 8.24 (1.33, 17.38) | 25497 (4617, 66907) | 17.08 (10.73, 50.39) | 23174 (7543, 57258) |
| Improved (efficacy) | 2,017 | 2.58 (2.58, 2.58) | 0.39 (0.36, 0.57) | 1831 (1027, 3312) | 10.2 (8.03, 15.58) | 801 (104, 14423) |
| Improved (efficacy) | 2,018 | 2.64 (2.64, 2.64) | 0.68 (0.44, 4.94) | 2747 (1263, 17442) | 10.91 (8.19, 20.29) | 14983 (2160, 49150) |
| Improved (efficacy) | 2,019 | 0 (0, 0) | 62753 (61857, 0.24) | 302 (164, 882) | 62360 (23628, 0.42) | 173 (-529, 1283) |
| Universal | 2,010 | 3.57 (3.57, 3.57) | 0.78 (0.42, 5.3) | 3829 (1574, 24733) | 23.36 (15.98, 44.56) | 9072 (452, 31118) |
| Universal | 2,011 | 1.47 (1.47, 1.47) | 2.85 (0.83, 9.52) | 10303 (3001, 39441) | 12.9 (7.7, 37.12) | 16442 (4359, 46552) |
| Universal | 2,012 | 1.51 (1.51, 1.51) | 3.24 (0.76, 9.84) | 13813 (2886, 47485) | 13.04 (7.56, 40.42) | 21739 (6268, 48442) |
| Universal | 2,013 | 1.55 (1.55, 1.55) | 0.46 (0.38, 1.68) | 2158 (1205, 5506) | 8.26 (6.06, 14.25) | 5626 (315, 27684) |
| Universal | 2,014 | 1.6 (1.6, 1.6) | 0.58 (0.36, 5.77) | 2542 (1180, 19779) | 8.33 (5.99, 17.45) | 10113 (566, 29857) |
| Universal | 2,015 | 1.64 (1.64, 1.64) | 0.48 (0.39, 0.69) | 2168 (1219, 3724) | 7.47 (5.76, 11.75) | 592 (184, 1683) |
| Universal | 2,016 | 1.68 (1.68, 1.68) | 5.79 (0.59, 14.01) | 17683 (2246, 51542) | 11.23 (6.84, 35.19) | 31191 (10338, 73357) |
| Universal | 2,017 | 1.72 (1.72, 1.72) | 0.37 (0.35, 0.45) | 1713 (980, 2946) | 6.92 (5.42, 10.57) | 922 (136, 14959) |
| Universal | 2,018 | 1.77 (1.77, 1.77) | 0.45 (0.39, 2.07) | 1983 (1067, 6067) | 7.01 (5.45, 11.3) | 15987 (2282, 57290) |
| Universal | 2,019 | 0 (0, 0) | 59676 (59673, 0.2) | 273 (152, 682) | 48274 (20476, 0.32) | 189 (-346, 1311) |

all.costs.summ

| Measure | No vaccination | Current seasonal | Improved (minimal) | Improved (breadth) | Improved (efficacy) | Universal |
| --- | --- | --- | --- | --- | --- | --- |
| ay\_direct.medical.costs | 42.73 (19.91, 87.85) | 202.03 (157.63, 302.18) | 195.67 (152.45, 296.2) | 100.46 (76.64, 151.09) | 127.56 (98.83, 193.09) | 93.13 (72.08, 141.51) |
| ay\_direct.medical.costs.minus.vaccine.costs | 42.73 (19.91, 87.85) | 28.83 (13.1, 61.09) | 23.06 (10, 49.06) | 18.75 (7.7, 40.25) | 15.61 (6.39, 34.39) | 11.81 (4.62, 27.69) |
| ay\_disc.total.costs | 70.76 (28.8, 384.79) | 217.77 (156.53, 444.41) | 208.03 (150.04, 381.31) | 112.93 (78.77, 245.93) | 137.45 (98.5, 262.18) | 101.8 (72.27, 197.15) |
| ay\_healthcare.related.costs | 4.41 (0.04, 71.05) | 6.73 (0.03, 91.96) | 6.01 (0.03, 81.13) | 4.06 (0.02, 50.41) | 4.14 (0.02, 56.5) | 3.11 (0.01, 41.95) |
| ay\_healthcare.related.costs.minus.vaccine | 4.41 (0.04, 71.05) | 2.97 (0.02, 47.44) | 2.33 (0.02, 38.81) | 1.93 (0.02, 30.95) | 1.64 (0.01, 25.77) | 1.23 (0.01, 18.48) |
| ay\_indirect.costs | 16.9 (0.86, 375.09) | 11.52 (0.59, 242.34) | 9.16 (0.45, 192.07) | 7.34 (0.37, 148.88) | 6.23 (0.3, 122.93) | 4.76 (0.22, 94.01) |
| ay\_total.costs | 78.88 (32.31, 420.32) | 244 (175.33, 496.81) | 232.49 (168.34, 427.85) | 124.5 (87.16, 268.65) | 152.46 (109.74, 289.76) | 111.93 (79.7, 215.15) |
| ay\_total.costs.minus.vacc.costs.vacc.transport | 78.88 (32.31, 420.32) | 53.39 (21.63, 283.91) | 42.62 (16.59, 228.17) | 34.34 (13.51, 181.92) | 28.89 (11.02, 152.46) | 22.06 (8.16, 118.01) |
| ay\_vaccine.admin.costs.all.ages | 0 (0, 0) | 64.41 (26.54, 162.39) | 64.41 (26.54, 162.39) | 31.15 (12.83, 78.53) | 42.24 (17.4, 106.49) | 31.15 (12.83, 78.53) |
| ay\_vaccine.costs.all.ages | 0 (0, 0) | 171.77 (133.9, 269.76) | 171.77 (133.9, 269.76) | 80.67 (62.36, 128.06) | 111.04 (86.21, 175.29) | 80.67 (62.36, 128.06) |
| ay\_Vaccine.doses | 0 (0, 0) | 35.79 (35.79, 35.79) | 35.79 (35.79, 35.79) | 16.51 (16.51, 16.51) | 22.93 (22.93, 22.93) | 16.51 (16.51, 16.51) |
| ay\_vaccine.doses.price.all.ages | 0 (0, 0) | 107.36 (107.36, 107.36) | 107.36 (107.36, 107.36) | 49.52 (49.52, 49.52) | 68.8 (68.8, 68.8) | 49.52 (49.52, 49.52) |

all.icers.summ

| Measure | No vaccination | Current seasonal | Improved (minimal) | Improved (breadth) | Improved (efficacy) | Universal |
| --- | --- | --- | --- | --- | --- | --- |
| Incremental total costs (millions USD) | 0 (0, 0) | 148.17 (37.92, 261.87) | 137.38 (-18.89, 250.44) | 38.56 (-160.26, 97.45) | 63.84 (-151.18, 142.09) | 26.78 (-218.38, 86.8) |
| Incremental total costs (discounted) (millions USD) | 0 (0, 0) | 131.99 (30.32, 233.98) | 122.27 (-19.4, 223.46) | 35.47 (-142.34, 89.4) | 57.32 (-134.48, 127.9) | 24.77 (-190.48, 80.46) |
| DALYs averted (undiscounted) (millions) | 0 (0, 0) | 0.11 (0.04, 0.26) | 0.15 (0.07, 0.37) | 0.19 (0.08, 0.45) | 0.21 (0.1, 0.51) | 0.25 (0.11, 0.58) |
| ICER per DALY averted (discounted costs) | NA (NA, NA) | 1237 (220, 3535) | 770 (-111, 2283) | 167 (-744, 686) | 246 (-633, 881) | 87 (-844, 475) |
| DALYs averted (discounted) (millions) | 0 (0, 0) | 0.05 (0.02, 0.11) | 0.07 (0.03, 0.16) | 0.09 (0.04, 0.19) | 0.1 (0.05, 0.22) | 0.12 (0.06, 0.24) |
| ICER per DALY averted (discounted costs & DALYs) | NA (NA, NA) | 2622 (508, 6884) | 1641 (-221, 4352) | 354 (-1526, 1319) | 525 (-1301, 1714) | 188 (-1682, 927) |

all.combined

| Measure | No vaccination | Current seasonal | Improved (minimal) | Improved (breadth) | Improved (efficacy) | Universal |
| --- | --- | --- | --- | --- | --- | --- |
| Total cases (millions) | 51.77 (35.47, 68.48) | 37.87 (24.59, 52.86) | 31.4 (19.47, 46.28) | 26.08 (15.03, 40.06) | 22.91 (12.54, 35.85) | 17.91 (8.65, 29.49) |
| Total URT infections (millions) | 30.2 (19.86, 42.79) | 22.12 (13.76, 33.34) | 18.42 (10.59, 28.5) | 15.3 (8.33, 24.61) | 13.35 (7.08, 22.11) | 10.41 (5, 18.3) |
| Total out-patient visits by patients with URT infection (millions) | 5.69 (3.68, 8.21) | 3.83 (2.33, 5.63) | 3.02 (1.76, 4.6) | 2.38 (1.34, 3.79) | 2 (1.1, 3.28) | 1.46 (0.78, 2.49) |
| Total LRT infections (millions) | 10.85 (6.14, 17.36) | 7.9 (4.39, 13.26) | 6.53 (3.42, 11.13) | 5.46 (2.72, 9.59) | 4.77 (2.4, 8.45) | 3.71 (1.7, 7.01) |
| Total LRT infections that are not hospitalised (millions) | 10.73 (6.06, 17.21) | 7.81 (4.34, 13.12) | 6.47 (3.38, 11.03) | 5.41 (2.68, 9.5) | 4.72 (2.36, 8.39) | 3.67 (1.68, 6.96) |
| Total patients with severe illness that are hospitalised | 0.12 (79166, 0.17) | 84419 (53886, 0.12) | 67860 (41078, 0.1) | 54581 (31218, 83896) | 46483 (25560, 73736) | 35092 (18137, 58784) |
| Total deaths | 11579 (5593, 22269) | 8521 (4002, 16458) | 7174 (3381, 14295) | 6074 (2927, 12303) | 5366 (2533, 11171) | 4338 (1981, 9425) |
| Total lost wages (millions USD) due to influenza related illness (non-hospitalised) | 9.18 (17, 366.44) | 6.19 (13, 241.74) | 4.96 (11, 189.95) | 3.76 (8, 146.28) | 3.15 (7, 120.21) | 2.37 (5, 91.35) |
| Total lost wages (millions USD) due to influenza related hospitalisation | 4.13 (0.14, 23.11) | 2.86 (0.1, 16.32) | 2.29 (82412, 13.15) | 1.9 (63883, 10.78) | 1.6 (54091, 9.21) | 1.22 (43178, 7.27) |
| Total YLD (undiscounted) | 8152 (4263, 13575) | 5932 (2930, 10390) | 4922 (2329, 8953) | 4124 (1911, 7610) | 3582 (1642, 6755) | 2769 (1176, 5416) |
| Total YLL (undiscounted) (millions) | 0.37 (0.17, 0.81) | 0.26 (0.12, 0.58) | 0.22 (94922, 0.48) | 0.18 (76322, 0.39) | 0.16 (67156, 0.33) | 0.12 (51778, 0.26) |
| Total DALYs (undiscounted) (millions) | 0.38 (0.17, 0.82) | 0.27 (0.12, 0.59) | 0.22 (97828, 0.48) | 0.18 (80025, 0.4) | 0.16 (70297, 0.34) | 0.12 (53855, 0.27) |
| Total YLD (discounted) | 7228 (3808, 12181) | 5275 (2606, 9325) | 4387 (2080, 7967) | 3687 (1694, 6865) | 3186 (1479, 6045) | 2496 (1057, 4929) |
| Total YLL (discounted) (millions) | 0.18 (86550, 0.36) | 0.13 (60265, 0.27) | 0.11 (50040, 0.22) | 90918 (41819, 0.19) | 79542 (35931, 0.17) | 63264 (28276, 0.13) |
| Total DALYs (discounted) (millions) | 0.19 (91901, 0.37) | 0.14 (63884, 0.28) | 0.11 (52707, 0.23) | 95267 (44225, 0.2) | 82911 (38401, 0.18) | 65901 (29536, 0.14) |
| Vaccine doses administered (including 15% wastage) (millions) | 0 (0, 0) | 35.79 (35.79, 35.79) | 35.79 (35.79, 35.79) | 16.51 (16.51, 16.51) | 22.93 (22.93, 22.93) | 16.51 (16.51, 16.51) |
| Vaccine costs (administration) (millions USD) | 0 (0, 0) | 64.41 (26.54, 162.39) | 64.41 (26.54, 162.39) | 31.15 (12.83, 78.53) | 42.24 (17.4, 106.49) | 31.15 (12.83, 78.53) |
| Vaccine purchase costs (total doses) (millions USD) | 0 (0, 0) | 107.36 (107.36, 107.36) | 107.36 (107.36, 107.36) | 49.52 (49.52, 49.52) | 68.8 (68.8, 68.8) | 49.52 (49.52, 49.52) |
| Total vaccine costs (administration and purchase) (millions USD) | 0 (0, 0) | 171.77 (133.9, 269.76) | 171.77 (133.9, 269.76) | 80.67 (62.36, 128.06) | 111.04 (86.21, 175.29) | 80.67 (62.36, 128.06) |
| Direct medical costs (millions USD) | 42.73 (19.91, 87.85) | 202.03 (157.63, 302.18) | 195.67 (152.45, 296.2) | 100.46 (76.64, 151.09) | 127.56 (98.83, 193.09) | 93.13 (72.08, 141.51) |
| Direct medical costs (excl. vaccine purchase and administration costs) (millions USD) | 42.73 (19.91, 87.85) | 28.83 (13.1, 61.09) | 23.06 (10, 49.06) | 18.75 (7.7, 40.25) | 15.61 (6.39, 34.39) | 11.81 (4.62, 27.69) |
| Healthcare related costs (millions USD) | 4.41 (0.04, 71.05) | 6.73 (0.03, 91.96) | 6.01 (0.03, 81.13) | 4.06 (0.02, 50.41) | 4.14 (0.02, 56.5) | 3.11 (0.01, 41.95) |
| Healthcare related costs (excl. transport costs to seek vaccination) (millions USD) | 4.41 (0.04, 71.05) | 2.97 (0.02, 47.44) | 2.33 (0.02, 38.81) | 1.93 (0.02, 30.95) | 1.64 (0.01, 25.77) | 1.23 (0.01, 18.48) |
| Indirect costs (millions USD) | 16.9 (0.86, 375.09) | 11.52 (0.59, 242.34) | 9.16 (0.45, 192.07) | 7.34 (0.37, 148.88) | 6.23 (0.3, 122.93) | 4.76 (0.22, 94.01) |
| Total costs (millions USD) | 78.88 (32.31, 420.32) | 244 (175.33, 496.81) | 232.49 (168.34, 427.85) | 124.5 (87.16, 268.65) | 152.46 (109.74, 289.76) | 111.93 (79.7, 215.15) |
| Total costs (excl. vaccine purchase, administration and transport costs) (millions USD) | 78.88 (32.31, 420.32) | 53.39 (21.63, 283.91) | 42.62 (16.59, 228.17) | 34.34 (13.51, 181.92) | 28.89 (11.02, 152.46) | 22.06 (8.16, 118.01) |
| Discounted total costs (millions USD) | 70.76 (28.8, 384.79) | 217.77 (156.53, 444.41) | 208.03 (150.04, 381.31) | 112.93 (78.77, 245.93) | 137.45 (98.5, 262.18) | 101.8 (72.27, 197.15) |
| Incremental total costs (millions USD) | 0 (0, 0) | 148.17 (37.92, 261.87) | 137.38 (-18.89, 250.44) | 38.56 (-160.26, 97.45) | 63.84 (-151.18, 142.09) | 26.78 (-218.38, 86.8) |
| Incremental total costs (discounted) (millions USD) | 0 (0, 0) | 131.99 (30.32, 233.98) | 122.27 (-19.4, 223.46) | 35.47 (-142.34, 89.4) | 57.32 (-134.48, 127.9) | 24.77 (-190.48, 80.46) |
| DALYs averted (undiscounted) (millions) | 0 (0, 0) | 0.11 (0.04, 0.26) | 0.15 (0.07, 0.37) | 0.19 (0.08, 0.45) | 0.21 (0.1, 0.51) | 0.25 (0.11, 0.58) |
| ICER per DALY averted (discounted costs) | NA (NA, NA) | 1237 (220, 3535) | 770 (-111, 2283) | 167 (-744, 686) | 246 (-633, 881) | 87 (-844, 475) |
| DALYs averted (discounted) (millions) | 0 (0, 0) | 0.05 (0.02, 0.11) | 0.07 (0.03, 0.16) | 0.09 (0.04, 0.19) | 0.1 (0.05, 0.22) | 0.12 (0.06, 0.24) |
| ICER per DALY averted (discounted costs & DALYs) | NA (NA, NA) | 2622 (508, 6884) | 1641 (-221, 4352) | 354 (-1526, 1319) | 525 (-1301, 1714) | 188 (-1682, 927) |