

Region	$ \mathcal{V}_k $	$\sum_{i \in \mathcal{V}_k} P_i$	Cumulative Gain (%)			Last Period Gain (%)		
			MA	GY	TS	MA	GY	TS
World	53445	7.28e+09	2.21	2.26	2.40	4.36	4.57	5.00
RU	11604	1.42e+08	3.98	4.04	4.20	7.34	7.58	8.31
US	3877	3.34e+08	1.35	1.37	1.57	2.64	2.74	2.31
CN	3546	1.36e+09	2.44	2.59	2.72	7.35	7.83	8.40
BR	2816	1.91e+08	5.76	5.82	5.95	12.85	13.05	13.62
AU	2755	2.28e+07	4.67	5.33	6.02	1.34	3.94	7.87
CA	2641	3.65e+07	4.56	4.60	4.54	5.36	4.48	4.74
KZ	1323	1.91e+07	6.36	6.29	6.14	15.21	14.98	14.56
AR	1124	4.64e+07	10.13	10.04	10.07	22.05	21.96	21.94
IN	1117	1.35e+09	0.56	0.62	0.61	1.65	1.90	1.97
DZ	855	4.09e+07	4.10	4.02	4.17	7.90	7.95	8.29
CD	749	8.71e+07	2.62	2.62	2.64	4.46	4.47	4.62
MN	741	3.28e+06	2.19	2.33	2.44	0.12	0.56	0.98
MX	703	1.27e+08	4.93	4.95	5.34	7.23	7.14	8.36
SA	683	3.30e+07	-0.88	-0.85	-0.79	0.68	1.41	1.99
SD	630	4.53e+07	2.16	2.12	2.14	3.76	3.77	3.85
IR	621	8.09e+07	3.72	3.75	3.75	10.64	10.64	10.81
ID	599	2.30e+08	1.32	1.52	1.79	0.02	0.61	1.55
LY	592	6.58e+06	2.56	2.64	3.02	2.07	2.34	3.55
ZA	451	5.29e+07	4.14	4.12	4.36	7.17	7.07	7.66
TD	430	1.61e+07	2.88	2.82	2.84	1.14	1.22	1.37
PE	428	2.59e+07	8.10	8.17	8.52	17.76	17.95	18.90
ML	427	2.08e+07	3.00	2.95	3.03	3.98	3.92	4.20
AO	416	1.96e+07	6.18	6.22	6.24	16.00	16.13	16.05
NE	404	2.42e+07	3.11	3.05	3.00	4.51	4.20	4.07
CO	372	4.84e+07	7.30	7.38	7.53	15.21	15.22	15.87
ET	367	1.12e+08	1.01	0.95	1.09	2.38	2.30	2.67
BO	365	1.15e+07	4.73	4.73	4.94	9.02	8.97	9.68
MR	358	4.25e+06	10.45	10.31	10.18	21.65	21.28	21.02
TR	325	7.06e+07	5.97	6.14	6.63	14.88	15.22	16.66
PK	321	1.92e+08	2.14	2.12	2.27	4.01	3.88	4.46
SE	310	8.62e+06	-1.57	-1.28	-0.77	-5.36	-3.41	-1.43
TZ	306	6.00e+07	3.50	3.51	3.62	7.88	7.99	8.24
NG	300	2.00e+08	1.04	1.03	1.13	2.20	2.29	2.53
VE	295	2.92e+07	7.11	7.13	7.26	14.19	14.79	14.95
CL	294	1.70e+07	8.68	8.57	8.86	18.72	18.47	19.30
UA	285	4.03e+07	2.07	2.03	2.14	2.43	2.29	2.66
FR	285	6.11e+07	3.85	3.81	3.94	-0.22	-0.34	-0.20
NA	284	2.33e+06	10.34	10.29	10.29	21.02	20.65	20.46
NO	267	4.76e+06	-0.05	-0.08	0.98	-11.72	-10.65	-7.54
MZ	266	2.80e+07	1.74	1.77	1.85	3.05	3.19	3.48

AF	253	3.65e+07	3.37	3.34	3.43	7.64	7.48	7.73
ZM	249	1.87e+07	4.65	4.63	4.65	8.44	8.39	8.57
FI	247	5.18e+06	1.54	1.60	1.44	5.59	5.06	5.46
MM	231	5.58e+07	2.55	2.54	2.70	3.27	3.42	4.06
ES	226	3.87e+07	4.57	4.92	5.40	9.99	11.09	12.24
MA	223	2.86e+07	4.45	4.53	4.64	8.15	8.52	9.01
SO	213	1.25e+07	6.43	6.33	6.39	15.27	14.89	15.01
BW	205	2.33e+06	9.11	9.10	9.08	17.97	17.99	17.90
CF	205	4.54e+06	5.61	5.52	5.61	12.58	12.20	12.57
SS	202	1.33e+07	3.36	3.21	3.33	5.23	5.02	5.23
MG	199	2.54e+07	1.97	1.98	2.03	4.35	4.28	4.63
TM	194	6.14e+06	13.09	12.98	12.81	26.90	26.69	26.96
UZ	193	3.06e+07	3.06	2.96	3.05	4.71	4.31	4.67
KE	189	4.94e+07	0.97	1.01	1.10	-1.95	-1.52	-1.11
DE	189	8.23e+07	2.94	2.97	2.92	9.77	9.64	9.06
TH	172	6.51e+07	6.25	6.32	6.48	12.03	12.19	12.65
IQ	170	4.18e+07	2.68	2.54	2.64	3.48	3.17	3.33
PL	165	3.79e+07	2.10	2.13	2.23	2.57	2.87	3.21
EG	160	9.09e+07	0.77	1.00	1.10	-0.69	0.62	1.07
JP	158	1.07e+08	4.39	4.33	4.62	7.42	7.63	7.78
YE	156	2.85e+07	1.61	1.59	1.73	-2.15	-2.02	-1.48
CM	150	2.67e+07	3.20	3.19	3.21	7.71	7.61	7.71
PG	146	7.34e+06	-0.26	0.07	0.66	-6.38	-5.43	-3.43
PY	142	6.05e+06	5.28	5.64	6.31	12.56	13.66	16.22
ZW	135	1.76e+07	1.20	1.16	1.26	2.11	2.12	2.30
GB	135	6.17e+07	4.45	4.53	4.93	9.52	9.41	9.96
IT	130	4.88e+07	2.86	2.91	3.34	4.61	4.44	4.85
NZ	121	4.37e+06	10.67	10.65	11.77	25.08	23.99	26.82
VN	114	8.97e+07	2.57	2.62	2.78	3.77	4.05	4.48
BY	114	9.53e+06	6.57	6.52	6.57	14.41	14.61	14.70
OM	112	4.61e+06	-0.28	-0.46	0.20	-3.70	-5.53	-3.99
CI	110	2.57e+07	3.84	3.83	4.04	8.77	8.91	9.51
RO	110	1.89e+07	2.35	2.31	2.59	2.14	1.92	2.54
CG	110	1.01e+07	-0.68	-0.62	-0.69	-15.27	-14.89	-15.25
MY	106	2.44e+07	7.57	7.62	7.85	17.71	17.91	17.99
PH	91	7.22e+07	4.29	4.41	4.76	9.46	9.34	10.38
KG	86	7.32e+06	-5.45	-5.22	-5.07	-15.63	-14.69	-13.89
BF	86	2.05e+07	1.97	1.78	1.81	4.60	3.61	3.86
EC	85	1.69e+07	3.03	2.99	3.23	6.19	5.89	6.48
GA	84	1.60e+06	4.74	4.66	4.79	5.68	5.33	5.56
UG	80	4.64e+07	-0.69	-0.81	-0.66	-3.95	-4.15	-3.81
GN	78	1.17e+07	2.48	2.42	2.45	4.66	4.71	4.88
GH	77	2.81e+07	3.32	3.19	3.41	4.20	4.05	4.80
LA	75	6.82e+06	9.13	9.13	9.54	19.36	19.90	20.73
IS	74	2.45e+05	24.75	24.72	24.43	41.72	41.67	41.03

SY	71	1.96e+07	2.68	2.65	2.93	2.36	2.66	3.46
UY	70	3.24e+06	6.94	7.36	7.28	15.44	16.02	15.58
GY	67	6.90e+05	4.50	4.62	4.83	6.14	6.52	6.80
SN	67	1.73e+07	3.67	3.54	3.54	4.71	4.34	4.18
KH	63	1.71e+07	1.41	1.44	1.60	1.80	2.00	2.46
TN	59	1.10e+07	5.54	5.54	5.87	12.95	12.47	13.71
TJ	57	8.94e+06	0.48	0.64	0.81	0.02	0.25	0.53
NP	53	3.62e+07	-5.68	-5.63	-5.50	-18.45	-18.18	-17.77
GR	52	7.04e+06	8.86	8.75	9.21	16.14	15.56	16.64
BG	49	6.76e+06	3.21	3.27	3.54	3.64	3.58	4.22
SR	48	5.57e+05	15.86	15.94	16.10	31.82	31.72	32.10
NI	47	6.51e+06	3.73	3.90	4.10	6.95	7.30	7.66
BD	47	1.54e+08	-3.27	-3.41	-3.11	-10.45	-10.26	-9.75
KP	47	2.04e+07	5.34	5.53	5.93	11.87	12.67	13.37
HU	45	9.95e+06	2.90	2.80	3.01	6.76	6.39	6.26
KR	40	4.20e+07	0.75	0.89	1.32	-2.07	-2.50	-1.75
AT	39	8.92e+06	5.43	5.30	5.79	15.84	15.53	16.71
GT	39	1.74e+07	-0.40	-0.31	-0.05	-2.38	-1.74	-1.23
MW	39	1.95e+07	-0.62	-0.70	-0.32	-3.70	-3.99	-3.02
BJ	39	1.12e+07	3.67	3.55	3.76	8.76	8.46	8.91
ER	39	5.66e+06	2.76	2.75	2.86	5.33	5.50	5.77
IE	39	4.31e+06	6.85	6.72	7.61	12.48	11.96	13.61
PT	38	8.14e+06	5.49	5.46	6.09	7.89	7.46	8.91
LT	38	2.81e+06	6.43	6.46	6.80	17.00	16.71	16.87
CU	38	8.00e+06	4.03	4.10	4.57	6.95	7.15	8.80
CZ	38	1.02e+07	2.99	2.92	3.17	-6.99	-7.24	-6.61
AZ	36	7.13e+06	4.66	4.44	4.97	8.93	8.05	9.34
HN	35	7.66e+06	4.54	4.37	4.63	9.28	8.83	9.71
LV	35	1.62e+06	5.79	5.73	6.21	6.70	6.61	7.47
JO	33	7.29e+06	0.58	0.57	1.17	2.58	2.11	3.16
DK	32	5.45e+06	3.63	3.82	4.35	4.81	5.02	5.96
LR	31	3.25e+06	3.19	3.07	3.41	4.16	3.34	4.84
RS	31	6.14e+06	1.76	1.80	2.13	2.00	1.89	2.71
GE	30	4.06e+06	2.24	2.43	2.69	0.95	1.72	2.61
GL	28	8.40e+03	19.42	19.37	21.06	44.94	44.97	49.07
EH	27	1.50e+03	13.92	13.89	15.66	33.32	33.23	36.08
HR	26	4.09e+06	4.26	4.21	4.55	4.67	5.45	6.44
SK	25	5.81e+06	0.39	0.35	0.81	-1.71	-1.80	-0.52
EE	25	1.16e+06	9.82	9.81	10.12	20.15	20.05	20.56
SL	25	5.38e+06	-0.98	-0.87	-0.44	-2.39	-2.70	-1.78
PA	24	3.01e+06	2.53	2.66	2.92	8.79	8.96	9.55
BA	24	3.80e+06	1.67	1.71	2.04	-0.58	-0.13	0.65
AE	24	8.23e+06	2.22	1.86	3.00	-11.21	-9.07	-6.41
LK	22	1.46e+07	-0.01	0.29	0.44	-2.52	-1.64	-1.30
TG	18	7.94e+06	4.09	4.09	4.18	10.15	9.73	9.94

NL	18	1.42e+07	0.46	0.58	0.66	1.55	1.08	1.85
TW	17	1.57e+07	15.32	14.31	15.16	39.71	37.72	39.32
CH	17	7.44e+06	3.36	3.40	3.83	8.29	8.39	7.86
BE	17	1.33e+07	1.54	1.74	1.98	1.44	1.77	2.81
DO	16	8.40e+06	-1.74	-1.80	-1.34	-3.20	-3.91	-2.24
MD	15	3.68e+06	2.65	2.70	3.09	3.35	4.08	4.68
CR	15	4.49e+06	-1.14	-0.88	-0.57	-3.97	-3.47	-2.85
HT	13	1.02e+07	-0.98	-0.59	-0.04	-2.15	-1.59	0.01
BT	13	1.08e+06	5.03	5.08	5.11	5.15	5.26	5.93
AM	13	3.18e+06	1.44	1.29	1.36	4.04	3.61	3.91
AL	12	2.66e+06	0.38	0.40	0.87	-2.90	-2.58	-1.25
LS	12	2.19e+06	8.99	8.87	9.29	19.61	18.82	19.21
MK	11	1.83e+06	-1.53	-1.43	-0.67	-5.29	-5.12	-3.13
GW	11	1.10e+06	3.75	3.25	3.09	6.04	4.08	4.93
RW	10	1.53e+07	-1.74	-1.80	-1.43	-5.09	-5.01	-4.21
BI	10	1.21e+07	-2.63	-2.49	-2.11	-6.45	-5.93	-5.06
SB	10	2.37e+05	10.95	9.35	10.51	26.58	22.23	25.58

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Comparison of vaccine allocation policies for the world and for the all countries with at least 10 nodes in the global network. Values reported for policies MA, GY and TS represent the average gain in percentage over 100 random instances compared to the PB policy. Country are listed their two-letter ISO code. The Cumulative Gain is computed by summing the size of the susceptible population for each region over all 104 time periods of the vaccination horizon. The Last Period Gain is computed by summing the size of the susceptible population for each region over all 104 time periods of the vaccination horizon. The Last Period Gain corresponds to the gain at the 104<sup>th</sup> time period of the vaccination horizon.