

Parameter	Symbol	Minimum value	Maximum value	Reference
Relative rate of reduction in bacterial ingestion rate by promoting Hand-hygiene and clean water supply.	$\theta(t)$	0 week ⁻¹	0.8 week ⁻¹	[1]
Rate of Vaccination	$p(t)$	0 week ⁻¹	0.35 week ⁻¹	[2]
Vaccine efficiency	σ	0.67	0.67	[3, 4, 5]
Rate of waning, vaccine induced immunity	ϵ	0.5 year ⁻¹	0.5 year ⁻¹	[3, 4, 5]
Proportion of infected individuals receiving antibiotics/oral-rehydration therapy	$\alpha(t)$	0 week ⁻¹	0.7 week ⁻¹	[2]
Relative rate of recovery, receiving antibiotics/oral-rehydration therapy	λ	2.3	2.3	[6, 7, 3]
Relative rate of shedding, receiving antibiotics/oral-rehydration therapy	ψ	0.52	0.52	[6, 7, 3]
Relative rate of reduction in shedding by promoting sanitation	$s(t)$	0 week ⁻¹	0.4 week ⁻¹	[1]

References

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