

## Column description

Column name	Description	Data type	Acceptable values	Required	Notes
event_type	Category of event	string	admission, discharge, transfer, contact	Yes	Use 'transfer' instead of 'discharge' for internal transfer cases. This makes the model keep the agent in memory, otherwise the agent will be deleted from memory after discharge.
MaskedMRN	Patient ID	string	-	Yes	
in_time	Admission time to current unit	string	YYYY-MM-DD HH:MM:SS	Yes	Only for 'admission' events
out_time	Discharge/Transfer time from current unit	string	YYYY-MM-DD HH:MM:SS	Yes	Only for 'discharge' or 'transfer' events
adt_room	Room ID	string	-	Yes	
department_name_new	Unit name	string	-	Yes	Should match with unit names from <i>data/units_parameters.csv</i> file
MRSA_importation	If colonized with MRSA on admission	Boolean	0/1 or True/False	No	Not used in this version of the model. Importation is determined using the admission_prevalence parameter.

VRE_importation	If colonized with VRE on admission	Boolean	0/1 or True/False	No	Not used in this version of the model. Importation is determined using the admission_prevalence parameter.
event_time	Time of the event	string	YYYY-MM-DD HH:MM:SS	Yes	
contact_time_start	Starting time of contact event	string	YYYY-MM-DD HH:MM:SS	No	Not used in this version of the model. Reserved for future versions in which probability of transmission can be dependent on duration of contact.
contact_time_end	Ending time of contact event	string	YYYY-MM-DD HH:MM:SS	No	Not used in this version of the model. Reserved for future versions in which probability of transmission can be dependent on duration of contact.
HCW_ID	HCW ID	string	-	Yes	
HCW_type	HCW category	string	-	No	Not used in this version of the model. Reserved for future versions in which probability of transmission may depend on the category of the HCW making contact with a patient.