

Title: Efficacy of powered air purifying respirators (PAPRs) as source control devices for simulated respiratory aerosols—Data Dictionary

Dataset Number:

Data dictionary

<i>Field name on data page</i>	<i>Field definition</i>
Experiment	Identification number of the experiment. The ID number indicates the PAPR blower, the PAPR loose-fitting facepiece, the mask or respirator, and the replicate number of the experiment.
PAPR_blower	Indicates which of the four PAPR blower models were used in the experiment.
PAPR_Facepiece	Indicates which of the five models of PAPR facepieces were used in the experiment. None indicates that no facepiece was used.
Mask	Indicates if no mask, a surgical mask, or an N95 respirator was worn under the facepiece.
Total_mass_concentration	Indicates the equilibrium mass concentration of the aerosol in the collection chamber during the experiment minus the background concentration, in $\mu\text{g}/\text{m}^3$.