

Stronger Evidence

Experimental

Meta-Analysis



Observational





CDC vs. The Evidence. This graphic shows all studies cited by the CDC in "The Science of Masking to Control COVID-19" (16 November 2020) and "Science Brief: Community Use of Cloth Masks to Control the Spread of SARS-CoV-2" (last updated 6 December 2021), along with more than 150 of the other relevant studies they left out. Underlined studies are particularly noteworthy either for content or strength. Green, J., et al., The implication face masks for babies and fami during the COVID-19 pandemic discussion paper. Journal of neonatal nursing : JNN, 2021. 2 p. 21-25.

> et al., Face masks Ueki, H., et al., Effectiveness of Face Masks in Preventing Airborne Transmission of SARS-CoV-2, pandemic 2 Disaster and the probability of Pace Masks in Preventing Airborne Transmission of SARS-CoV-2, pandemic 2 Disaster Pace Masks in Preventing Airborne Pace Masks in Pace Airborne Pace Masks in Pace Airborne Pace Masks in Pace Airborne
> minize SARS-CoV-2
> Yema, S., M. Dharak, and J.
> Bahl, P., et al., F.
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> minize Sarson settings:
> Finakerfield, Visualizing the effectiveness of face masks in disense proceeding thraining
> Bahl, P., et al., F.
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> mask efficive filtration tolency: 2021, Cold Spring whol abendrive
> Finakerfield, Visualizing the effectiveness of face masks in obstructing regression yets. Physics of Fluids, 2020. 32(6): p. 061708.
> Bahl, P., et al., F.

Case Study	Animal trials; <i>In vivo In vitro</i> Mechanistic Mechanistic Studies Laboratory Studies	Modeling using existing Editorial/Expert Opinion Modeling using data Background Information estimated data	Modeling using estimated data	Editorial/Expert Opinion Modeling using existing Background Information data	<i>In vitro</i> Mechanistic Laboratory Studies	Animal trials and <i>In vivo</i> Mechanistic studies	Case Study	Series of Case Studies ("Case Series")	Systematic Qualitati Laboratory Literature
<u> </u>	Laboratory Experimental	Anecdotal, Expert Opinion, and Conjectural	Anecdota	l, Expert Opinion, and Conjectural	Laboratory	Experimental			

n, m.k., et al., SARS-CO- Asaut, S., et al., Aedrosol emission ission From People and supremission during human DOVID-19 Symptoms. speech increase with voice twork Open, 2021. 4(1): p. loudness. Scientific Reports, 2019. I form Canada. Journal of Health Foromores. 2021 in 102475.

Invariants or sitent transmission fre control of COVID-19 yreaks. Proceedings of the ynal Academy of Sciences, 147(3)(7) a 2754.37741 (147(3)) c 3754.37741

Weaker Evidence

spiratory particles during singing Performance of Cloth Masks and d talking. Aerosol Science and common Fabric Materials Against 20–1000 nm Size Particles. The

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Weaker Evidence

tion efficiencies of healthcare consumer materials using dified respirator fit tester sets DS ONE, 2020. 15(10): p. Aerosol Dispersion and M of Virus Transmission Ris DS ONE, 2020. 15(10): p.

 Konda, A., et al., Aerosol Filtration
 Bandiera, L., et al., Face Co

 Efficiency of Common Fabrics Used
 and Respiratory Tract Dropl

 in Respiratory Cloth Masks. ACS
 Dispersion. 2020, 004 Sprit

 Nano, 2020. 14(5): p. 6339-6347.
 Harbor Laboratory.

Ordiguez-Palacios, A., et al., vide Masks and Suface vers—A Spray Simulation ethod and a "Universal Drophi duction Model" Against sprilatory Pandemics. Frontiers in Medicine, 2020. 26(5): p. 676-61

S, face masks, neck gaiters and face shields for reducing the expulsion of simulated cough-generated aerosols. 2020. Cold Spring Harbor droplets of action of the second second second second action of the second second second second second action of the second second second second second action of the second secon

Chemozhikov, V., H. Kasahara, and P. Schringf, Causal impact of masks, policies, behavior on early covid-19 pandemic in the U.S. Econom, 2021. 220(1): p. 23-51. Letters, 2020. 20(7): p. 5544-5552.

vs. The Evidence

Evidence Favoring Compulsory Masking



Stronger Evidence