

References

- Arora, Anshana. “COVID-19 Confirmed Cases and Deaths - UNICEF DATA.” *UNICEF DATA*, 17 May 2021, data.unicef.org/resources/covid-19-confirmed-cases-and-deaths-dashboard/. Accessed 19 Jan. 2023.
- Bialek, Stephanie, et al. “Geographic Differences in COVID-19 Cases, Deaths, and Incidence — United States, February 12–April 7, 2020.” *MMWR. Morbidity and Mortality Weekly Report*, vol. 69, no. 15, 17 Apr. 2020, pp. 465–471, www.cdc.gov/mmwr/volumes/69/wr/mm6915e4.htm, <https://doi.org/10.15585/mmwr.mm6915e4>. Accessed 19 Jan. 2023.
- Cascella, Marco, et al. “Features, Evaluation, and Treatment of Coronavirus (COVID-19).” *Nih.gov*, StatPearls Publishing, 13 Oct. 2022, www.ncbi.nlm.nih.gov/books/NBK554776/. Accessed 18 Jan. 2023.
- Choi, Jae Hong, et al. “Risk Factors for Severe COVID-19 in Children: A Systematic Review and Meta-Analysis.” *Journal of Korean Medical Science*, vol. 37, no. 5, 2022, pubmed.ncbi.nlm.nih.gov/35132841/, <https://doi.org/10.3346/jkms.2022.37.e35>. Accessed 22 Jan. 2023.
- CNN Indonesia. “Daftar 7 Provinsi Dan 73 Kabupaten/Kota Yang Berlakukn PPKM.” *Nasional*, cnnindonesia.com, 11 Jan. 2021, www.cnnindonesia.com/nasional/20210111150933-20-592217/daftar-7-provinsi-dan-73-kabupaten-kota-yang-berlakukn-ppkm. Accessed 22 Jan. 2023.
- Dhar Chowdhury, Sudipta, and Anu Mary Oommen. “Epidemiology of COVID-19.” *Journal of Digestive Endoscopy*, vol. 11, no. 01, Mar. 2020, pp. 03–07, www.ncbi.nlm.nih.gov/pmc/articles/PMC7364648/, <https://doi.org/10.1055/s-0040->

1712187. Accessed 19 Jan. 2023.

FACT SHEET for HEALTH CARE PROVIDERS EMERGENCY USE AUTHORIZATION (EUA) of BAMLANIVIMAB and ETESEVIMAB AUTHORIZED USE.

Guan, Wei-jie, et al. "Clinical Characteristics of Coronavirus Disease 2019 in China."

New England Journal of Medicine, vol. 382, no. 18, 30 Apr. 2020, pp. 1708–1720,

pubmed.ncbi.nlm.nih.gov/32109013/, <https://doi.org/10.1056/nejmoa2002032>. Accessed

19 Jan. 2023.

Guzzetta, Giorgio, et al. "Impact of a Nationwide Lockdown on SARS-CoV-2

Transmissibility, Italy." *Emerging Infectious Diseases*, vol. 27, no. 1, Jan. 2021, pp. 267–

270, www.ncbi.nlm.nih.gov/pmc/articles/PMC7774526/,

<https://doi.org/10.3201/eid2701.202114>. Accessed 20 Jan. 2023.

Humas. "Mendagri Keluarkan Instruksi Mengenai Pelaksanaan PPKM Mikro Di 15

Provinsi." *Sekretariat Kabinet Republik Indonesia*, 20 Mar. 2021, [setkab.go.id/mendagri-](https://setkab.go.id/mendagri-keluarkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-15-provinsi/)

[keluarkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-15-provinsi/](https://setkab.go.id/mendagri-keluarkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-15-provinsi/). Accessed 9 Feb.

2023.

---. "Mendagri Terbitkan Instruksi Mengenai Pelaksanaan PPKM Mikro Di 20 Provinsi."

Sekretariat Kabinet Republik Indonesia, 6 Apr. 2021, [setkab.go.id/mendagri-terbitkan-](https://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-20-provinsi/)

[instruksi-mengenai-pelaksanaan-ppkm-mikro-di-20-provinsi/](https://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-20-provinsi/). Accessed 9 Feb. 2023.

---. "Mendagri Terbitkan Instruksi Mengenai Pelaksanaan PPKM Mikro Di 25 Provinsi."

Sekretariat Kabinet Republik Indonesia, 21 Apr. 2021, [setkab.go.id/mendagri-terbitkan-](https://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-25-provinsi/)

[instruksi-mengenai-pelaksanaan-ppkm-mikro-di-25-provinsi/](https://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-25-provinsi/). Accessed 9 Feb. 2023.

---. "Mendagri Terbitkan Instruksi Mengenai Pelaksanaan PPKM Mikro Di 30 Provinsi."

Sekretariat Kabinet Republik Indonesia, 4 May 2021, [setkab.go.id/mendagri-terbitkan-](https://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-di-30-provinsi/)

instruksi-mengenai-pelaksanaan-ppkm-mikro-di-30-provinsi/. Accessed 9 Feb. 2023.

---. “Mendagri Terbitkan Instruksi Mengenai Pelaksanaan PPKM Mikro Tahap X.”

Sekretariat Kabinet Republik Indonesia, 15 June 2021, [setkab.go.id/mendagri-terbitkan-](http://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-tahap-x/)

[instruksi-mengenai-pelaksanaan-ppkm-mikro-tahap-x/](http://setkab.go.id/mendagri-terbitkan-instruksi-mengenai-pelaksanaan-ppkm-mikro-tahap-x/). Accessed 9 Feb. 2023.

---. “Mendagri Terbitkan Instruksi Terkait Pengetatan PPKM Mikro.” *Sekretariat*

Kabinet Republik Indonesia, 23 June 2021, [setkab.go.id/mendagri-terbitkan-instruksi-](http://setkab.go.id/mendagri-terbitkan-instruksi-terkait-pengetatan-ppkm-mikro/)

[terkait-pengetatan-ppkm-mikro/](http://setkab.go.id/mendagri-terbitkan-instruksi-terkait-pengetatan-ppkm-mikro/). Accessed 9 Feb. 2023.

---. “Pemerintah Perpanjang PPKM Mikro Hingga 31 Mei Dan Lakukan Pengetatan 3T.”

Sekretariat Kabinet Republik Indonesia, 10 May 2021, [setkab.go.id/pemerintah-](http://setkab.go.id/pemerintah-perpanjang-ppkm-mikro-hingga-31-mei-dan-lakukan-pengetatan-3t/)

[perpanjang-ppkm-mikro-hingga-31-mei-dan-lakukan-pengetatan-3t/](http://setkab.go.id/pemerintah-perpanjang-ppkm-mikro-hingga-31-mei-dan-lakukan-pengetatan-3t/). Accessed 9 Feb.

2023.

---. “Pemerintah Terapkan PPKM Mikro Di Seluruh Provinsi Mulai 1 Juni.” *Sekretariat*

Kabinet Republik Indonesia, 24 May 2021, [setkab.go.id/pemerintah-terapkan-ppkm-](http://setkab.go.id/pemerintah-terapkan-ppkm-mikro-di-seluruh-provinsi-mulai-1-juni/)

[mikro-di-seluruh-provinsi-mulai-1-juni/](http://setkab.go.id/pemerintah-terapkan-ppkm-mikro-di-seluruh-provinsi-mulai-1-juni/). Accessed 9 Feb. 2023.

---. “Perpanjang PPKM Mikro Di Luar Jawa-Bali, Pemerintah Lakukan Pengetatan Di 43

Kabupaten/Kota.” *Sekretariat Kabinet Republik Indonesia*, 6 July 2021,

[setkab.go.id/perpanjang-ppkm-mikro-di-luar-jawa-pemerintah-lakukan-pengetatan-di-43-](http://setkab.go.id/perpanjang-ppkm-mikro-di-luar-jawa-pemerintah-lakukan-pengetatan-di-43-kabupaten-kota/)

[kabupaten-kota/](http://setkab.go.id/perpanjang-ppkm-mikro-di-luar-jawa-pemerintah-lakukan-pengetatan-di-43-kabupaten-kota/). Accessed 9 Feb. 2023.

Jin, Jian-Min, et al. “Gender Differences in Patients with COVID-19: Focus on Severity

and Mortality.” *Frontiers in Public Health*, vol. 8, 29 Apr. 2020,

www.ncbi.nlm.nih.gov/pmc/articles/PMC7201103/,

<https://doi.org/10.3389/fpubh.2020.00152>. Accessed 22 Jan. 2023.

Mégarbane, Bruno, et al. “Is Lockdown Effective in Limiting SARS-CoV-2 Epidemic

Progression?—a Cross-Country Comparative Evaluation Using Epidemiokinetic Tools.”

Journal of General Internal Medicine, vol. 36, no. 3, 13 Jan. 2021, pp. 746–752,

www.ncbi.nlm.nih.gov/pmc/articles/PMC7806254/, <https://doi.org/10.1007/s11606-020-06345-5>. Accessed 20 Jan. 2023.

Meo, Sultan Ayoub, et al. “Impact of Lockdown on COVID-19 Prevalence and Mortality during 2020 Pandemic: Observational Analysis of 27 Countries.” *European Journal of Medical Research*, vol. 25, no. 1, 10 Nov. 2020,

www.ncbi.nlm.nih.gov/pmc/articles/PMC7652585/, <https://doi.org/10.1186/s40001-020-00456-9>. Accessed 20 Jan. 2023.

Nazinitsky, Allison, and Kenneth S. Rosenthal. “Cytokine Storms.” *Infectious Diseases in Clinical Practice*, vol. 18, no. 3, May 2010, pp. 188–192, journals.lww.com/infectdis/Abstract/2010/05000/Cytokine_Storms__Systemic_Disasters_of_Infectious.11.aspx, <https://doi.org/10.1097/ipc.0b013e3181d2ee41>. Accessed 19 Jan. 2023.

Nicola, Maria, et al. “The Socio-Economic Implications of the Coronavirus Pandemic (COVID-19): A Review.” *International Journal of Surgery*, vol. 78, June 2020, pp. 185–193, www.ncbi.nlm.nih.gov/pmc/articles/PMC7162753/#bib8, <https://doi.org/10.1016/j.ijsu.2020.04.018>. Accessed 19 Jan. 2023.

Poorolajal, Jalal. “Geographical Distribution of COVID-19 Cases and Deaths Worldwide.” *Journal of Research in Health Sciences*, vol. 20, no. 3, 30 Sept. 2020, pp. e00483–e00483, www.ncbi.nlm.nih.gov/pmc/articles/PMC7585770/, <https://doi.org/10.34172/jrhs.2020.24>. Accessed 19 Jan. 2023.

Rabinowicz, Shira, et al. “COVID-19 in the Pediatric Population—Review and Current

Evidence.” *Current Infectious Disease Reports*, vol. 22, no. 11, 19 Sept. 2020,

www.ncbi.nlm.nih.gov/pmc/articles/PMC7501762/#:~:text=Children%20comprise%201

[%E2%80%9330%25\)%20symptoms.](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC7501762/#:~:text=Children%20comprise%201%20of,(15%E2%80%9330%25)%20symptoms.),

<https://doi.org/10.1007/s11908-020-00739-6>. Accessed 18 Jan. 2023.

Rajmil, Luis, et al. “Impact of Lockdown and School Closure on Children’s Health and Well-Being during the First Wave of COVID-19: A Narrative Review.” *BMJ Paediatrics Open*, vol. 5, no. 1, May 2021, p. e001043,

www.ncbi.nlm.nih.gov/pmc/articles/PMC8154298/, <https://doi.org/10.1136/bmjpo-2021-001043>. Accessed 20 Jan. 2023.

Rathi, Himani, et al. “Review on COVID-19 Etiopathogenesis, Clinical Presentation and Treatment Available with Emphasis on ACE2.” *Indian Journal of Clinical Biochemistry*, vol. 36, no. 1, Jan. 2021, pp. 3–22, www.ncbi.nlm.nih.gov/pmc/articles/PMC7778574/, <https://doi.org/10.1007/s12291-020-00953-y>. Accessed 19 Jan. 2023.

Rizal Setyo Nugroho. “PPKM Jilid 2 Dimulai Hari Ini, Simak Begini Aturan Pembatasannya.” *KOMPAS.com*, Kompas.com, 25 Jan. 2021,

www.kompas.com/tren/read/2021/01/26/060200465/ppkm-jilid-2-dimulai-hari-ini-simak-begini-aturan-pembatasannya. Accessed 22 Jan. 2023.

Shen, Kun-Ling, et al. "Updated diagnosis, treatment, and prevention of COVID-19 in children: experts’ consensus statement (a condensed version of the second edition)."

World Journal of Pediatrics 16 (2020): 232-239.

Tabibzadeh, Alireza, et al. "Evolutionary study of COVID-19, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) as an emerging coronavirus: Phylogenetic analysis and literature review." *Veterinary medicine and science* 7.2 (2021): 559-571.

Setiadi, Wuryantari, et al. "Prevalence and Epidemiological Characteristics of COVID-19

after One Year of Pandemic in Jakarta and Neighbouring Areas, Indonesia: A Single

Center Study." *PLOS ONE*, vol. 17, no. 5, 12 May 2022, p. e0268241,

journals.plos.org/plosone/article?id=10.1371/journal.pone.0268241,

<https://doi.org/10.1371/journal.pone.0268241>. Accessed 19 Jan. 2023.

Soler, M. J., et al. "ACE2 Alterations in Kidney Disease." *Nephrology Dialysis*

Transplantation, vol. 28, no. 11, 16 Aug. 2013, pp. 2687–2697,

pubmed.ncbi.nlm.nih.gov/23956234/, <https://doi.org/10.1093/ndt/gft320>. Accessed 19

Jan. 2023.

Staff, IW. "COVID-19 Is Coming for the Chemical Industry in 2020, BASF Predicts."

Industryweek.com, IndustryWeek, 28 Feb. 2020, [www.industryweek.com/supply-](http://www.industryweek.com/supply-chain/planning-forecasting/article/21125045/covid19-is-coming-for-the-chemical-industry-in-2020-basf-frets)

[chain/planning-forecasting/article/21125045/covid19-is-coming-for-the-chemical-](http://www.industryweek.com/supply-chain/planning-forecasting/article/21125045/covid19-is-coming-for-the-chemical-industry-in-2020-basf-frets)

[industry-in-2020-basf-frets](http://www.industryweek.com/supply-chain/planning-forecasting/article/21125045/covid19-is-coming-for-the-chemical-industry-in-2020-basf-frets). Accessed 19 Jan. 2023.

Wang, Zijun, et al. "Clinical characteristics of children with COVID-19: a rapid review and meta-analysis." *Annals of translational medicine* 8.10 (2020).

World. "Coronavirus." *Who.int*, World Health Organization: WHO, 10 Jan. 2020,

www.who.int/health-topics/coronavirus#tab=tab_1. Accessed 18 Jan. 2023.

Xiao, Fei, et al. "Evidence for Gastrointestinal Infection of SARS-CoV-2."

Gastroenterology, vol. 158, no. 6, May 2020, pp. 1831-1833.e3,

pubmed.ncbi.nlm.nih.gov/32142773/, <https://doi.org/10.1053/j.gastro.2020.02.055>.

Accessed 19 Jan. 2023.

Yanovskiy, Moshe, and Yehoshua Socol. "Are Lockdowns Effective in Managing

Pandemics?" *International Journal of Environmental Research and Public Health*, vol.

19, no. 15, 29 July 2022, p. 9295, www.ncbi.nlm.nih.gov/pmc/articles/PMC9368251/,

<https://doi.org/10.3390/ijerph19159295>. Accessed 20 Jan. 2023.

Zachariah, Philip. "COVID-19 in Children." *Infectious Disease Clinics of North America*,

vol. 36, no. 1, Mar. 2022, pp. 1–14,

www.ncbi.nlm.nih.gov/pmc/articles/PMC8590950/#:~:text=COVID%2D19%20is%20les

[s%20severe,usually%20only%20requires%20supportive%20therapy.&text=The%202%2](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC8590950/#:~:text=COVID%2D19%20is%20les)

[Omain%20phenotypes%20of,in%20children%20with%20cardiac%20dysfunction.,](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC8590950/#:~:text=COVID%2D19%20is%20les)

<https://doi.org/10.1016/j.idc.2021.11.002>. Accessed 18 Jan. 2023.

Zheng, Ying-Ying, et al. "COVID-19 and the Cardiovascular System." *Nature Reviews*

Cardiology, vol. 17, no. 5, 5 Mar. 2020, pp. 259–260,

pubmed.ncbi.nlm.nih.gov/32139904/, <https://doi.org/10.1038/s41569-020-0360-5>.

Accessed 19 Jan. 2023.

Netea, Mihai G., et al. "Trained immunity: a program of innate immune memory in

health and disease." *Science* 352.6284 (2016): aaf1098.

Nguyen, Hoang Linh, et al. "Does SARS-CoV-2 bind to human ACE2 more strongly than does SARS-CoV?." *The Journal of Physical Chemistry B* 124.34 (2020): 7336-7347.

Ikatan Dokter Anak Indonesia. Panduan klinis tatalaksana COVID-19 pada anak. 2020.

Indonesia, Perhimpunan Dokter Paru, Perhimpunan Dokter Spesialis Kardiovaskular

Indonesia, Perhimpunan Dokter Anestesiologi, Terapi Intensif Indonesia, and Ikatan

Dokter Anak Indonesia. "Pedoman Tatalaksana Covid-19." Jakarta: EDISI 3 (2020).

Dhama, Kuldeep, et al. "Coronavirus disease 2019–COVID-19." *Clinical microbiology*

reviews 33.4 (2020): e00028-20.



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THE TREND OF COVID-19 CASES IN CHILDREN BEFORE AND AFTER THE EASING OF RESTRICTIONS ON COMMUNITY ACTIVITIES (PPKM) IN THE PROVINCE OF THE SPECIAL REGION OF YOGYAKARTA.

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