



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: COVID-19 Gender Equality Impact Estimates 2020-2021

Date of release: March 02, 2022

Summary:

As part of an analysis on the effects of the COVID-19 pandemic on gender equality, researchers at IHME reviewed publicly available datasets with information related to: vaccine hesitancy and uptake; healthcare services; economic and work-related concerns; education; and safety at home and in the community. Estimates of the prevalence of impacts of the COVID-19 pandemic on the domains listed above were produced by gender and world region using data from 13 sources with sex- or gender-disaggregated data. One additional gender-invariant source was used in estimating vaccine uptake. This dataset provides the generated estimates by gender and seven world regions (North Africa and Middle East; Sub-Saharan Africa; Central Europe, Eastern Europe, and Central Asia; High-income; South Asia; Latin America and Caribbean; and Southeast Asia, East Asia, and Oceania). This dataset also provides estimates by month (March 2020 – September 2021), when available.

Relevant publications and visualizations:

Flor LS, Friedman J, Spencer CN, Cagney J, Arrieta A, Herbert ME, et al. Quantifying the effects of the COVID-19 pandemic on gender equality on health, social, and economic indicators: a comprehensive review of data from March 2020 to September 2021. *The Lancet*. 2 March 2022.

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

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- Bill and Melinda Gates Foundation (BMGF)

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Institute for Health Metrics and Evaluation (IHME). COVID-19 Gender Equality Impact Estimates 2020-2021. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2021.

Data Files Information

File Inventory

File Name	Description	Version Date
IHME_COVID_19_GEM_2020_2021_CROSS_SECTIONAL_Y2022M03D02.CSV	<p>Cross-sectional estimates of the impact of the COVID-19 pandemic across indicators generated for analysis. Data was synthesized from surveys performed between March 2020 and September 2021, by gender and world region. Time period is not common across all indicators.</p> <p>Indicators:</p> <ul style="list-style-type: none"> • Disruption in reproductive health • Income loss • Increase in chores • Increase in care for others • School dropout • Adequate remote learning • Perception of GBV increase • Feeling unsafe at home 	March 2, 2022
IHME_GEM_COVID19_TIMESERIES_2020_2021_DATA.CSV	<p>Time-series estimates of the impact of the COVID-19 pandemic across indicators generated for analysis, by gender and world region. Time period ranges from March 2020 to September 2021.</p> <p>Indicators:</p> <ul style="list-style-type: none"> • Vaccine hesitancy • Fully vaccinated • Any disruption in healthcare • Disruption in medication access • Disruption in health products access • Disruption in preventative care • Employment loss • Not working to care for others 	March 2, 2022
IHME_COVID_19_GEM_2020_2021_CODEBOOK_CROSS_SECTIONAL_Y2022M03D02.CSV	Codebook – cross-sectional data	March 2, 2022
IHME_COVID_19_GEM_2020_2021_CODEBOOK_TIME_SERIES_Y2022M03D02.CSV	Codebook – time-series data	March 2, 2022

File Name	Description	Version Date
IHME_COVID_19_GEM_2020_2021_DATA_INPUT_SOURCES_Y2022M03D02.XLSX	Data Input Sources	March 2, 2022
IHME_COVID_19_GEM_2020_2021_INFO_SHEET_Y2022M03D02.PDF	Data Release Information Sheet	March 2, 2022

Variable Information

Variable	Variable Label	Variable Definition
location_id	Location ID	A unique numeric identifier for the location generated and stored in an IHME database of data dimensions. Possible values: 1,4,31,64,103,137,158,166
location_name	Location Name	Location for the estimate. Possible values are "Global" or one of seven Global Burden of Disease Study (GBD) super regions: Southeast Asia, East Asia, and Oceania; Central Europe, Eastern Europe, and Central Asia; High-income; Latin America and Caribbean; North Africa and Middle East; South Asia; Sub-Saharan Africa
month_id	Month ID	The time period for the estimate. Variable exists in the time series dataset only. Possible values: 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
month	Month	The month for the estimate. Variable exists in the time series dataset only. Possible values: January,February,March,April,May,June,July,August,September,October,November,December
year	Year	The year for the estimate. Variable exists in the time series dataset only. Possible values: 2020,2021
sex_id	Sex ID	A unique numeric identifier for the sex generated and stored in an IHME database of data dimensions. Possible values: 1,2,3
sex_name	Sex Name	The gender for the estimate. Possible values: Male,Female,Both

Variable	Variable Label	Variable Definition
measure_name	Measure Name	The measure (indicator) for the estimate. Possible values: See indicators outlined above in the "File Inventory" table.
val	Value	Mean estimate.
lower	95% Uncertainty Interval (Lower Bound)	2.5% percentile estimate.
upper	95% Uncertainty Interval (Upper Bound)	97.5% percentile estimate.

Additional Information

Terms and Conditions

<http://www.healthdata.org/about/terms-and-conditions>

Contact information

To request further information about this dataset, please contact IHME:

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These files may be updated periodically, so we appreciate hearing feedback or additional information about how these data are being used.