## Appendices

## Appendix A: State Non-Pharmaceutical Intervention Start Dates and Data Sources

NPI	State	Date	Source
Stay at Home	Alaska	3/28/20	https://content.govdelivery.com/accounts/AKDH SS/bulletins/283a713
Stay at Home	Alabama	4/4/20	https://governor.alabama.gov/assets/2020/04/Fina 1-Statewide-Order-4.3.2020.pdf
Stay at Home	Arizona	3/31/20	https://azgovernor.gov/file/34365/download?toke n=6YdWos-F
Stay at Home	California	3/19/20	https://covid19.ca.gov/img/Executive-Order-N-33-20.pdf
Stay at Home	Colorado	3/26/20	https://drive.google.com/file/d/1O1EDCY6-A6QBKxzDImCSF8bBBdOOI3Km/view
Stay at Home	District of Columbia	4/1/20	https://coronavirus.dc.gov/stayhome
Stay at Home	Delaware	3/24/20	https://governor.delaware.gov/wp-content/uploads/sites/24/2020/03/Fifth-Modification-to-State-of-Emergency-03222020.pdf
Stay at Home	Florida	4/3/20	https://www.flgov.com/wp-content/uploads/orders/2020/EO_20-91-compressed.pdf
Stay at Home	Georgia	4/3/20	https://gov.georgia.gov/document/2020-executive-order/04022001/download
Stay at Home	Hawaii	3/25/20	https://governor.hawaii.gov/wp-content/uploads/2020/03/2003162-ATG_Third-Supplementary-Proclamation-for-COVID-19-signed.pdf
Stay at Home	Idaho	3/25/20	https://web.archive.org/web/20200326152720/htt ps:/coronavirus.idaho.gov/wp-content/uploads/sites/127/2020/03/statewide-stay-home-order_032520.pdf
Stay at Home	Illinois	3/21/20	https://www2.illinois.gov/Documents/ExecOrders/2020/ExecutiveOrder-2020-10.pdf
Stay at Home	Indiana	3/24/20	https://www.in.gov/gov/files/Executive_Order_2 0-08_Stay_at_Home.pdf
Stay at Home	Kansas	3/30/20	https://governor.kansas.gov/wp-content/uploads/2020/03/EO20-16.pdf
Stay at Home	Louisiana	3/23/20	https://gov.louisiana.gov/assets/Proclamations/20 20/JBE-33-2020.pdf

Stay at Home	Maryland	3/30/20	https://governor.maryland.gov/wp-content/uploads/2020/05/Gatherings-FIFTH-AMENDED-5.6.20.pdf
Stay at Home	Maine	4/2/20	https://www.maine.gov/governor/mills/sites/main e.gov.governor.mills/files/inline- files/CORRECTED_An Order Regarding Further Restrictions on Public Contact and Movement%2C Schools%2C Vehicle Travel and Retail Business Operations.pdf
Stay at Home	Michigan	3/24/20	https://www.michigan.gov/whitmer/0,9309,7-387-90499_90705-522626,00.html
Stay at Home	Minnesota	3/27/20	https://www.leg.state.mn.us/archive/execorders/2 0-20.pdf
Stay at Home	Missouri	4/6/20	https://governor.mo.gov/priorities/stay-home- order
Stay at Home	Mississippi	4/3/20	https://www.sos.ms.gov/Education- Publications/ExecutiveOrders/1466.pdf
Stay at Home	Montana	3/28/20	https://covid19.mt.gov/Portals/223/Documents/St ay at Home Directive.pdf?ver=2020-03-26-173332-177
Stay at Home	North Carolina	3/30/20	https://files.nc.gov/governor/documents/files/EO1 21-Stay-at-Home-Order-3.pdf
Stay at Home	New Hampshire	3/27/20	https://www.governor.nh.gov/news-media/emergency-orders/documents/emergency-order-17-1.pdf
Stay at Home	New Jersey	3/21/20	https://nj.gov/infobank/eo/056murphy/pdf/EO-107.pdf
Stay at Home	Nevada	3/31/20	http://gov.nv.gov/News/Emergency_Orders/2020/2020-03-31COVID-19_Declaration_of_Emergency_Directive_010Stay_at_Home_Order/
Stay at Home	New York	3/22/20	https://www.governor.ny.gov/news/governor- cuomo-signs-new-york-state-pause-executive- order
Stay at Home	Ohio	3/23/20	https://content.govdelivery.com/attachments/OH OOD/2020/03/22/file_attachments/1407840/Stay Home Order.pdf
Stay at Home	Oklahoma	3/24/20	https://www.sos.ok.gov/documents/executive/191 9.pdf
Stay at Home	Oregon	3/23/20	https://govsite- assets.s3.amazonaws.com/jkAULYKcSh6DoDF8 wBM0_EO 20-12.pdf
Stay at Home	Pennsylvania	4/1/20	https://www.governor.pa.gov/wp-content/uploads/2020/04/20200401-GOV-Statewide-Stay-at-Home-Order.pdf

Stay at Home	Rhode Island	3/28/20	https://governor.ri.gov/documents/orders/Executive-Order-20-14.pdf
Stay at Home	South Carolina	4/7/20	https://governor.sc.gov/sites/default/files/Docume nts/Executive-Orders/2020-04-06 eFILED Executive Order No. 2020-21 - Stay at Home or Work Order.pdf
Stay at Home	Tennessee	4/2/20	https://publications.tnsosfiles.com/pub/execorders/exec-orders-lee23.pdf
Stay at Home	Virginia	3/30/20	https://www.governor.virginia.gov/media/govern orvirginiagov/executive-actions/EO-55- Temporary-Stay-at-Home-Order-Due-to-Novel- Coronavirus-(COVID-19).pdf
Stay at Home	Vermont	3/24/20	https://governor.vermont.gov/sites/scott/files/doc uments/ADDENDUM 6 TO EXECUTIVE ORDER 01-20.pdf
Stay at Home	Washington	3/23/20	https://assets.documentcloud.org/documents/6817 957/20-25-Coronovirus-Stay-Safe-Stay- Healthy.pdf
Stay at Home	Wisconsin	3/25/20	https://www.wpr.org/sites/default/files/health_ord er_12_safer_at_home.pdf
Stay at Home	West Virginia	3/24/20	https://coronavirus-wvgovstatus-cdn.azureedge.net/STAY_AT_HOME_ORDER.pdf

NPI	State	Date	Source
School Closure	Alaska	3/16/20	https://education.alaska.gov/safeschools/infectiousdisease#:~:text=On%20April%209%20Governor%20Dunleavy,delivered%20educational%20services%20to%20students.
School Closure	Alabama	3/18/20	https://www.aljazeera.com/news/2020/4/14/lock downs-closures-how-is-each-us-state-handling-coronavirus
School Closure	Arkansas	3/15/20	https://www.4029tv.com/article/arkansas- schools-to-close-for-on-site- instruction/31636051
School Closure	Arizona	3/16/20	https://www.azed.gov/finance/2020/03/16/school -closures-from-march-16-2020-through-march-27-2020/
School Closure	California	3/17/20	https://www.aljazeera.com/news/2020/4/14/lock downs-closures-how-is-each-us-state-handling-coronavirus
School Closure	Colorado	3/23/20	https://www.denverpost.com/2020/03/11/colorad o-schools-closed-coronavirus/
School Closure	Connecticut	3/15/20	https://www.aljazeera.com/news/2020/4/14/lock downs-closures-how-is-each-us-state-handling-coronavirus
School Closure	District of Columbia	3/16/20	https://www.wusa9.com/article/news/health/coro navirus/dc-schools-close-monday-to-prepare-for- covid-19/65-d57b6a3d-9585-4a33-93dc- 4389f292cff0
School Closure	Delaware	3/16/20	https://www.aljazeera.com/news/2020/4/14/lock downs-closures-how-is-each-us-state-handling-coronavirus
School Closure	Florida	3/16/20	https://www.aljazeera.com/news/2020/4/14/lock downs-closures-how-is-each-us-state-handling-coronavirus
School Closure	Georgia	3/18/20	https://www.gpb.org/blogs/education-matters/2020/03/16/gov-kemp-orders-all-k-12-georgia-schools-close-until-end-of
School Closure	Hawaii	3/16/20	https://www.hawaiipublicschools.org/ConnectWithUs/MediaRoom/PressReleases/Pages/HIDOE-COVID-19-Update-Archive.aspx
School Closure	Iowa	3/15/20	https://ballotpedia.org/School_responses_in_Iow a_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year

School Closure	Idaho	3/24/20	https://ballotpedia.org/School_responses_in_Ida ho_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Illinois	3/13/20	https://ballotpedia.org/School_responses_in_Illin ois_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Indiana	3/19/20	https://ballotpedia.org/School_responses_in_Indi ana_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Kansas	3/23/20	https://ballotpedia.org/School_responses_in_Kan sas_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Kentucky	3/16/20	https://ballotpedia.org/School_responses_in_Ken tucky_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021 school_year
School Closure	Louisiana	3/13/20	https://ballotpedia.org/School_responses_in_Lou isiana_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year
School Closure	Massachusetts	3/17/20	https://ballotpedia.org/School_responses_in_Ma ssachusetts_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Maryland	3/16/20	https://ballotpedia.org/School_responses_in_Mar yland_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Maine	3/18/20	https://ballotpedia.org/School_responses_in_Mai ne_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Michigan	3/12/20	https://ballotpedia.org/School_responses_in_Michigan_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year
School Closure	Minnesota	3/18/20	https://ballotpedia.org/School_responses_in_Min nesota_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year

School Closure	Missouri	3/19/20	https://ballotpedia.org/School_responses_in_Mis souri_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Mississippi	3/16/20	https://ballotpedia.org/School_responses_in_Mis sissippi_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Montana	3/16/20	https://ballotpedia.org/School_responses_in_Mo ntana_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	North Carolina	3/14/20	https://ballotpedia.org/School_responses_in_Nor th_Carolina_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	North Dakota	3/16/20	https://ballotpedia.org/School_responses_in_Nor th_Dakota_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Nebraska	4/1/20	https://ballotpedia.org/School_responses_in_Neb raska_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year
School Closure	New Hampshire	3/16/20	https://ballotpedia.org/School_responses_in_Ne w_Hampshire_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	New Jersey	3/18/20	https://ballotpedia.org/School_responses_in_Ne w_Jersey_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	New Mexico	3/12/20	https://www.governor.state.nm.us/2020/03/12/new-mexico-schools-to-temporarily-close/
School Closure	Nevada	3/16/20	https://ballotpedia.org/School_responses_in_Nev ada_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year
School Closure	New York	3/18/20	https://ballotpedia.org/School_responses_in_Ne w_York_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Ohio	3/16/20	https://ballotpedia.org/School_responses_in_Ohi o_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year

School Closure	Oklahoma	3/17/20	https://ballotpedia.org/School_responses_in_Okl ahoma_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Oregon	3/16/20	https://ballotpedia.org/School_responses_in_Ore gon_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Pennsylvania	3/16/20	https://ballotpedia.org/School_responses_in_Pen nsylvania_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Rhode Island	3/16/20	https://ballotpedia.org/School_responses_in_Rho de_Island_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year
School Closure	South Carolina	3/15/20	https://ballotpedia.org/School_responses_in_Sou th_Carolina_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	South Dakota	3/13/20	https://www.aljazeera.com/news/2020/4/14/lock downs-closures-how-is-each-us-state-handling-coronavirus
School Closure	Tennessee	3/20/20	https://ballotpedia.org/School_responses_in_Ten nessee_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Texas	3/20/20	https://ballotpedia.org/School_responses_in_Tex as_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year
School Closure	Utah	3/16/20	https://ballotpedia.org/School_responses_in_Uta h_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Virginia	3/16/20	https://ballotpedia.org/School_responses_in_Vir ginia_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Vermont	3/18/20	https://ballotpedia.org/School_responses_in_Ver mont_to_the_coronavirus_(COVID- 19)_pandemic_during_the_2020- 2021_school_year
School Closure	Washington	3/13/20	https://www.governor.wa.gov/news- media/inslee-announces-statewide-school- closures-expansion-limits-large-gatherings

School Closure	Wisconsin	3/18/20	https://content.govdelivery.com/accounts/WIGO V/bulletins/281127d
School Closure	West Virginia	3/14/20	https://governor.wv.gov/News/press-releases/2020/Pages/COVID19-UPDATE-GovJustice-announces-closure-of-West-Virginia-schools.aspx
School Closure	Wyoming	3/16/20	https://ballotpedia.org/School_responses_in_Wy oming_to_the_coronavirus_(COVID-19)_pandemic_during_the_2020-2021_school_year

NPI	State	Date	Source
Restaurant Restrictions	Alaska	3/17/20	https://gov.alaska.gov/newsroom/2020/03/17/covid-19-health-mandates-003-and-004/
Restaurant Restrictions	Alabama	3/19/20	https://governor.alabama.gov/newsroom/2020/03/governor-ivey-issues-statement-on-statewide-public-health-order/
Restaurant Restrictions	Arkansas	3/19/20	https://www.huschblackwell.com/arkansas-state-by-state-covid-19-guidance
Restaurant Restrictions	Arizona	3/19/20	https://azgovernor.gov/governor/news/2020/03/arizonas-covid-19-actions-date
Restaurant Restrictions	California	3/17/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Colorado	3/17/20	https://www.cpr.org/2020/03/16/polis-considering-statewide-closure-of-bars-restaurants-gyms-and-theaters/
Restaurant Restrictions	Connecticut	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	District of Columbia	3/16/20	https://mayor.dc.gov/sites/default/files/dc/sites/ma yormb/publication/attachments/MO-Prohibition- on-Mass-Gatherings-During-Public-Health- Emergency.pdf
Restaurant Restrictions	Delaware	3/16/20	https://governor.delaware.gov/wp-content/uploads/sites/24/2020/03/Public-Health-Emergency-Order-03.23.20.pdf
Restaurant Restrictions	Florida	3/17/20	https://www.huschblackwell.com/florida-state-by-state-covid-19-guidance
Restaurant Restrictions	Hawaii	3/17/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Iowa	3/17/20	https://governor.iowa.gov/sites/default/files/documents/Public%20Health%20Proclamation%20-%202020.03.17.pdf
Restaurant Restrictions	Idaho	3/26/20	https://www.huschblackwell.com/idaho-state-by-state-covid-19-guidance
Restaurant Restrictions	Illinois	3/16/20	https://www2.illinois.gov/Documents/ExecOrders/2020/ExecutiveOrder-2020-10.pdf
Restaurant Restrictions	Indiana	3/16/20	https://www.in.gov/gov/files/ExecutiveOrder20- 04FurtherOrdersforPublicHealthEmergency.pdf
Restaurant Restrictions	Kentucky	3/16/20	https://www.kentucky.com/lexgoeat/restaurants/article241225476.html
Restaurant Restrictions	Louisiana	3/16/20	https://gov.louisiana.gov/index.cfm/newsroom/det ail/2411

Restaurant Restrictions	Massachusetts	3/17/20	https://www.mass.gov/doc/march-16-2020-large-gathering-at-25-people-order/download
Restaurant Restrictions	Maryland	3/16/20	https://governor.maryland.gov/2020/03/15/governor-hogan-issues-emergency-order-to-close-all-maryland-casinos-racetracks-and-simulcast-betting-facilities-to-prevent-the-spread-of-covid-19/
Restaurant Restrictions	Maine	3/18/20	https://www.maine.gov/governor/mills/sites/maine .gov.governor.mills/files/inline- files/Executive%20Order%20to%20Protect%20Pu blic%20Health%20.pdf
Restaurant Restrictions	Michigan	3/16/20	https://www.michigan.gov/whitmer/0,9309,7-387-90499_90705-521789,00.html
Restaurant Restrictions	Minnesota	3/16/20	https://www.leg.mn.gov/archive/execorders/20-04.pdf
Restaurant Restrictions	Missouri	3/21/20	https://www.ky3.com/content/news/Gov-Parson- announces-statewide-social-distancing-order- Missouri-schools-to-remain-closed- 568997231.html
Restaurant Restrictions	Mississippi	3/25/20	https://www.jacksonfreepress.com/documents/202 0/mar/24/mississippis-covid-19-response/
Restaurant Restrictions	Montana	3/20/20	https://www.huschblackwell.com/montana-state-by-state-covid-19-guidance
Restaurant Restrictions	North Carolina	3/17/20	https://files.nc.gov/governor/documents/files/EO1 18.pdf
Restaurant Restrictions	North Dakota	3/20/20	https://bismarcktribune.com/business/local/bismarck-bars-restaurants-brace-themselves-during-pandemic-dine-in-closure/article_51ebc8a1-1041-50fb-b59c-8e3ce68b6534.html
Restaurant Restrictions	Nebraska	3/19/20	https://www.dropbox.com/s/k039bk8w0kwudzc/EX%2020- 06%20-%20Relief%20for%20Restaurant%20and%20Bar%20Operations.pdf?dl=0
Restaurant Restrictions	New Hampshire	3/16/20	https://www.governor.nh.gov/news-media/orders-2020/documents/emergency-order-2.pdf
Restaurant Restrictions	New Jersey	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	New Mexico	3/18/20	https://www.nmrestaurants.org/coronavirus-resources/
Restaurant Restrictions	Nevada	3/21/20	https://nvhealthresponse.nv.gov/wp-content/uploads/2020/05/2020-03-20.Declaration-of-Emergency-Directive-003.pdf
Restaurant Restrictions	New York	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus

Restaurant Restrictions	Ohio	3/15/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Oklahoma	3/24/20	https://www.governor.ok.gov/articles/press_releas es/governor-stitt-announces-latest-covid-19-actions
Restaurant Restrictions	Oregon	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Pennsylvania	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Rhode Island	3/17/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	South Carolina	3/18/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Tennessee	3/22/20	https://www.tn.gov/governor/covid- 19/covid19timeline.html
Restaurant Restrictions	Texas	3/31/20	https://www.dshs.state.tx.us/coronavirus/execorder s.aspx
Restaurant Restrictions	Utah	3/18/20	https://www.sltrib.com/news/2020/03/18/utah-orders-restaurants/
Restaurant Restrictions	Virginia	3/17/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Vermont	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Washington	3/15/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Wisconsin	3/17/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	West Virginia	3/16/20	https://www.aljazeera.com/news/2020/4/14/lockdo wns-closures-how-is-each-us-state-handling-coronavirus
Restaurant Restrictions	Wyoming	3/19/20	https://oilcity.news/community/health/covid-19/2020/03/19/read-full-new-order-restricting-businesses-statewide-in-wyoming/

NPI	State	Date	Source
Business Closure	Alaska	3/22/20	https://www.huschblackwell.com/alaska-state-by-state-covid-19-guidance
Business Closure	Alabama	3/19/20	https://governor.alabama.gov/newsroom/2020/03/gover nor-ivey-issues-statement-on-statewide-public-health- order/
Business Closure	Arkansas	3/20/20	https://www.huschblackwell.com/arkansas-state-by-state-covid-19-guidance
Business Closure	Arizona	3/19/20	https://azgovernor.gov/governor/news/2020/03/arizonas-covid-19-actions-date
Business Closure	California	3/15/20	https://www.kpbs.org/news/2020/mar/16/gov-newsom-speak-about-californias-response-corona/
Business Closure	Colorado	3/22/20	https://drive.google.com/file/d/1LQpL1oDurg4Iiasq_d6 Cu_v2zM_0IMd3/view
Business Closure	Connecticut	3/16/20	https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2020/03-2020/Governor-Lamont-Coronavirus-Update-March-16-2020-5PM
Business Closure	District of Columbia	3/16/20	https://mayor.dc.gov/sites/default/files/dc/sites/mayorm b/publication/attachments/MO-Prohibition-on-Mass- Gatherings-During-Public-Health-Emergency.pdf
Business Closure	Delaware	3/16/20	https://governor.delaware.gov/wp-content/uploads/sites/24/2020/03/Public-Health-Emergency-Order-03.23.20.pdf
Business Closure	Florida	3/23/20	https://www.miamibeachfl.gov/wp-content/uploads/2020/03/Safer-at-Home-Emergency-Order-1.pdf
Business Closure	Georgia	3/24/20	https://gov.georgia.gov/executive-action/executive-orders/2020-executive-orders
Business Closure	Hawaii	3/18/20	https://www.huschblackwell.com/hawaii-state-by-state-covid-19-guidance
Business Closure	Iowa	3/17/20	https://governor.iowa.gov/sites/default/files/documents/ Public%20Health%20Proclamation%20-%202020.03.1 7.pdf
Business Closure	Idaho	3/25/20	https://www.huschblackwell.com/idaho-state-by-state-covid-19-guidance
Business Closure	Illinois	3/19/20	https://www2.illinois.gov/Documents/ExecOrders/2020/ ExecutiveOrder-2020-10.pdf
Business Closure	Indiana	3/23/20	https://www.in.gov/gov/files/Executive_Order_20- 08 Stay at Home.pdf
Business Closure	Kansas	3/30/20	https://governor.kansas.gov/wp-content/uploads/2020/03/EO20-16.pdfDepartment/Documents/UG_EMERGENCY_HE ALTH_ORDER_STAY_AT_HOME.pdfhttps://governor.kansas.gov/wp-content/uploads/2020/03/EO20-16.pdf

Business Closure	Kentucky	3/25/20	https://governor.ky.gov/attachments/20200322_Executive-Order 2020-246 Retail.pdf
Business Closure	Louisiana	3/16/20	https://gov.louisiana.gov/index.cfm/newsroom/detail/24
Business Closure	Massachusetts	3/24/20	https://www.mass.gov/doc/march-23-2020-essential-services-and-revised-gatherings-order/download
Business Closure	Maryland	3/17/20	https://businessexpress.maryland.gov/documents/OLC% 20Interpretive%20Guidance%20COVID19-01.pdf
Business Closure	Maine	3/24/20	https://www.maine.gov/governor/mills/sites/maine.gov.governor.mills/files/inline-files/An%20Order%20Regarding%20Essential%20Businesses%20and%20Operations%20.pdf
Business Closure	Michigan	3/16/20	https://www.michigan.gov/whitmer/0,9309,7-387-90499_90705-521789,00.html
Business Closure	Minnesota	3/18/20	https://www.leg.mn.gov/archive/execorders/20-08.pdf
Business Closure	Missouri	3/21/20	https://bloximages.newyork1.vip.townnews.com/stltoda y.com/content/tncms/assets/v3/editorial/a/df/adf79c00- fab6-5189-baeb-1d98a2716a5b/5e76814365687.pdf.pdf
Business Closure	Mississippi	3/22/04	https://www.oxfordms.net/documents/misc/second_emerg ency_resolution_signed.pdf
Business Closure	Montana	3/20/20	https://www.huschblackwell.com/montana-state-by-state-covid-19-guidance
Business Closure	North Carolina	3/25/20	https://durhamnc.gov/4013/City-of-Durham-COVID-19-Updates-Resource
Business Closure	North Dakota	3/19/20	https://bismarcktribune.com/business/local/bismarck-bars-restaurants-brace-themselves-during-pandemic-dine-in-closure/article_51ebc8a1-1041-50fb-b59c-8e3ce68b6534.html
Business Closure	Nebraska	3/19/20	https://www.dropbox.com/s/k039bk8w0kwudzc/EX%2020-06%20-%20Relief%20for%20Restaurant%20and%20Bar%20Operations.pdf?dl=0
Business Closure	New Hampshire	3/28/20	https://www.governor.nh.gov/news-media/emergency-orders/documents/emergency-order-17-1.pdf
Business Closure	New Jersey	3/21/20	https://nj.gov/infobank/eo/056murphy/pdf/EO-107.pdf
Business Closure	New Mexico	3/23/20	https://cv.nmhealth.org/wp-content/uploads/2020/03/COVID-19-DOH-Order-fv.pdf
Business Closure	Nevada	3/17/20	https://www.huschblackwell.com/nevada-state-by-state-covid-19-guidance
Business Closure	New York	3/22/20	https://www.governor.ny.gov/news/governor-cuomo- issues-guidance-essential-services-under-new-york- state-pause-executive-order

Business Closure	Ohio	3/18/20	https://governor.ohio.gov/wps/portal/gov/governor/medi a/news-and-media/announced-additional-temporary- business-closures
Business Closure	Oklahoma	3/24/20	https://www.sos.ok.gov/documents/executive/1919.pdf
Business Closure	Oregon	3/13/20	https://govsite- assets.s3.amazonaws.com/jkAULYKcSh6DoDF8wBM0 EO%2020-12.pdf
Business Closure	Pennsylvania	3/17/20	https://www.governor.pa.gov/wp-content/uploads/2020/03/20200319-TWW-COVID-19-business-closure-order.pdf
Business Closure	Rhode Island	3/23/20	https://hbfiles.blob.core.windows.net/webfiles/Rhode% 20Island%20Executive-Order-20-09.pdf
Business Closure	South Carolina	3/30/20	https://www.huschblackwell.com/south-carolina-state- by-state-covid-19-guidance
Business Closure	South Dakota	3/25/20	https://sdsos.gov/general-information/executive-actions/executive-orders/assets/2020-08.PDF
Business Closure	Tennessee	3/31/20	https://publications.tnsosfiles.com/pub/execorders/execorders-lee17.pdf
Business Closure	Texas	3/23/20	https://www.huschblackwell.com/texas-state-by-state-covid-19-guidance
Business Closure	Utah	3/26/20	https://www.huschblackwell.com/utah-state-by-state-covid-19-guidance
Business Closure	Virginia	3/23/20	https://www.governor.virginia.gov/media/governorvirginiagov/executive-actions/EO-53-Temporary-Restrictions-Due-To-Novel-Coronavirus-(COVID-19).pdf
Business Closure	Vermont	3/25/20	https://governor.vermont.gov/sites/scott/files/documents/ADDENDUM%206%20TO%20EXECUTIVE%20ORDER%2001-20.pdf
Business Closure	Washington	3/23/20	https://www.governor.wa.gov/sites/default/files/proclam ations/20-25%20Coronovirus%20Stay%20Safe-Stay%20Healthy%20%28tmp%29%20%28002%29.pdf
Business Closure	Wisconsin	3/17/20	https://evers.wi.gov/Documents/COVID19/UPDATED Order10People.pdf
Business Closure	West Virginia	3/23/20	https://coronavirus-wvgovstatus-cdn.azureedge.net/STAY_AT_HOME_ORDER.pdf
Business Closure	Wyoming	3/25/20	https://health.wyo.gov/governor-state-health-officer-issue-third-closure-order/

NPI	State	Date	Source
Gathering Restrictions	Alaska	3/18/20	https://www.huschblackwell.com/alaska-state-by-state-covid-19-guidance
Gathering Restrictions	Alabama	3/19/20	https://governor.alabama.gov/newsroom/2020/03/g overnor-ivey-issues-statement-on-statewide-public- health-order/
Gathering Restrictions	Arkansas	3/25/20	https://www.arkansasonline.com/news/2020/mar/25/march-25-update-case-total-236/
Gathering Restrictions	Arizona	3/16/20	https://azgovernor.gov/governor/news/2020/03/ariz onas-covid-19-actions-date
Gathering Restrictions	California	3/11/20	https://www.gov.ca.gov/2020/03/11/california-public-health-experts-mass-gatherings-should-be-postponed-or-canceled-statewide-to-slow-the-spread-of-covid-19/
Gathering Restrictions	Colorado	3/12/20	https://www.colorado.gov/pacific/sites/default/files/atoms/files/Nursing%20Home%2C%20ALR%2C%20ICF%20PH%20Order-links.pdf
Gathering Restrictions	Connecticut	3/12/20	https://portal.ct.gov/Office-of-the- Governor/News/Press-Releases/2020/03- 2020/Governor-Lamont-Coronavirus-Update- March-10-2020-3PM
Gathering Restrictions	District of Columbia	3/13/20	https://coronavirus.dc.gov/sites/default/files/dc/sites/coronavirus/release_content/attachments/DOH_Rulemaking_Mass-Gatherings.pdf
Gathering Restrictions	Delaware	3/13/20	https://governor.delaware.gov/wp-content/uploads/sites/24/2020/03/Public-Health-Emergency-Order-03.23.20.pdf
Gathering Restrictions	Florida	3/23/20	https://www.flgov.com/wp-content/uploads/orders/2020/EO_20-91-compressed.pdf
Gathering Restrictions	Georgia	3/23/20	https://gov.georgia.gov/executive-action/executive-orders/2020-executive-orders
Gathering Restrictions	Hawaii	3/13/20	https://health.hawaii.gov/news/covid-19/covid-19-daily-update-march-13-2020/
Gathering Restrictions	Iowa	3/17/20	https://governor.iowa.gov/sites/default/files/documents/Public%20Health%20Proclamation%20-%202020.11.10.pdf
Gathering Restrictions	Idaho	3/18/20	https://gov.idaho.gov/pressrelease/idaho-adopts- latest-federal-guidance-to-prevent-coronavirus- spread/
Gathering Restrictions	Illinois	3/16/20	https://www.huschblackwell.com/illinois-state-by-state-covid-19-guidance
Gathering Restrictions	Indiana	3/12/20	https://www.fox19.com/2020/03/12/indiana-limit-gatherings-schools-get-day-waiver/

Gathering Restrictions	Kansas	3/25/20	https://governor.kansas.gov/wp-content/uploads/2020/03/EO-20-14-Executed.pdf
Gathering Restrictions	Kentucky	3/9/20	https://www.kentucky.com/news/coronavirus/article241343376.html
Gathering Restrictions	Louisiana	3/13/20	https://gov.louisiana.gov/index.cfm/newsroom/detail/2403
Gathering Restrictions	Massachusetts	3/17/20	https://www.mass.gov/doc/march-16-2020-large-gathering-at-25-people-order/download
Gathering Restrictions	Maryland	3/16/20	https://governor.maryland.gov/2020/03/15/governor-hogan-issues-emergency-order-to-close-all-maryland-casinos-racetracks-and-simulcast-betting-facilities-to-prevent-the-spread-of-covid-19/
Gathering Restrictions	Maine	3/18/20	https://www.maine.gov/governor/mills/sites/maine.gov.governor.mills/files/inline-files/Executive%20Order%20to%20Protect%20Public%20Health%20.pdf
Gathering Restrictions	Michigan	3/10/20	https://www.michigan.gov/coronavirus/0,9753,7-406-98178_98455-554922,00.html
Gathering Restrictions	Minnesota	3/15/20	https://mn.gov/covid19/stay-safe/stay-safe-plan/index.jsp
Gathering Restrictions	Missouri	3/20/20	https://www.newstribune.com/news/missouri/story/2020/mar/20/missouri-ban-gatherings-more-10-people/821473/
Gathering Restrictions	Mississippi	3/25/20	https://www.jacksonfreepress.com/documents/2020/mar/24/mississippis-covid-19-response/
Gathering Restrictions	Montana	3/15/20	https://covid19.mt.gov/_docs/2020-03- 15_Governor-Directive-re-COVID-19.pdf
Gathering Restrictions	North Carolina	3/12/20	https://governor.nc.gov/news/north-carolina-recommends-new-steps-protect-against-covid-19
Gathering Restrictions	North Dakota	3/12/20	https://www.governor.nd.gov/news/burgum-department-health-release-recommendations-events-and-public-gatherings
Gathering Restrictions	Nebraska	3/16/20	https://governor.nebraska.gov/press/gov-ricketts-further-limits-events-gatherings-prevent-covid-19-spread
Gathering Restrictions	New Hampshire	3/16/20	https://www.governor.nh.gov/news-media/orders-2020/documents/emergency-order-2.pdf
Gathering Restrictions	New Jersey	3/12/20	https://www.nj.gov/governor/news/news/562020/20 200312a.shtml
Gathering Restrictions	New Mexico	3/12/20	https://webnew.ped.state.nm.us/wp-content/uploads/2020/03/03.12.20_PublicHealthOrder.pdf
Gathering Restrictions	New York	3/22/20	https://coronavirus.health.ny.gov/large-gatherings-and-quarantines

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Gathering Restrictions	Ohio	3/10/20	https://governor.ohio.gov/wps/portal/gov/governor/media/news-and-media/recommends-limiting-large-indoor-gatherings
Gathering Restrictions	Oklahoma	3/24/20	https://www.governor.ok.gov/articles/press_release s/governor-stitt-announces-latest-covid-19-actions
Gathering Restrictions	Oregon	3/17/20	https://www.oregon.gov/gov/Documents/executive_orders/eo_20-07.pdf
Gathering Restrictions	Pennsylvania	3/17/20	https://www.foley.com/en/insights/publications/202 0/03/pennsylvania-guidance-covid19-mitigation-efforts
Gathering Restrictions	Rhode Island	3/16/20	https://hbfiles.blob.core.windows.net/webfiles/Rho de%20Island%20Executive-Order-20-04.pdf
Gathering Restrictions	South Carolina	3/13/20	https://governor.sc.gov/sites/default/files/Document s/Executive-Orders/2020-10-02%20FILED%20Executive%20Order%20No.%20 2020-63%20-%20Amending%20%26%20Consolidating %20Emergency%20Measures.pdf
Gathering Restrictions	South Dakota	3/23/20	https://news.sd.gov/newsitem.aspx?id=26560
Gathering Restrictions	Tennessee	3/22/20	https://publications.tnsosfiles.com/pub/execorders/exec-orders-lee17.pdf
Gathering Restrictions	Texas	3/19/20	https://gov.texas.gov/uploads/files/press/EO-GA_08_COVID-19_preparedness_and_mitigation_FINAL_03-19-2020_1.pdf
Gathering Restrictions	Utah	3/17/20	https://coronavirus.utah.gov/wp-content/uploads/Restaurant-Pub-Hlth-Order-1.pdf
Gathering Restrictions	Virginia	3/15/20	https://twitter.com/GovernorVA/status/1239293881 113608193
Gathering Restrictions	Vermont	3/21/20	https://governor.vermont.gov/covid19response
Gathering Restrictions	Washington	3/16/20	https://www.governor.wa.gov/sites/default/files/proclamations/20-13%20Coronavirus%20Restaurants-Bars%20%28tmp%29.pdf
Gathering Restrictions	Wisconsin	3/17/20	https://evers.wi.gov/Documents/COVID19/UPDAT EDOrder10People.pdf
Gathering Restrictions	West Virginia	3/19/20	https://www.wvinsurance.gov/COVID-19
Gathering Restrictions	Wyoming	3/20/20	https://health.wyo.gov/governor-state-health-officer-issue-supplemental-health-order/

NPI	State	Date	Source
Facemask Mandate	Alaska	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Alabama	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Arkansas	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Arizona	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	California	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Colorado	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Connecticut	4/20/20	https://www.usnews.com/news/best- states/articles/these-are-the-states-with-mask- mandates
Facemask Mandate	District of Columbia	5/13/20	https://coronavirus.dc.gov/sites/default/files/dc/sites/coronavirus/page_content/attachments/Mayors-Order-2020-066-Extensions-of-Public-Emergency-and-Public-Health.pdf
Facemask Mandate	Delaware	4/28/20	https://www.usnews.com/news/best- states/articles/these-are-the-states-with-mask- mandates
Facemask Mandate	Florida	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Georgia	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Hawaii	4/17/20	https://www.hawaiinewsnow.com/2020/04/17/governors-emergency-order-requires-everyone-wear-face-masks-essential-businesses/
Facemask Mandate	Iowa	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Idaho	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Illinois	5/1/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Indiana	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Kansas	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Kentucky	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Louisiana	NA	https://doi.org/10.1371/journal.pone.0252315.s001

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Facemask Mandate	Massachusetts	5/6/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Maryland	4/18/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Maine	5/1/20	https://data.cdc.gov/Policy-Surveillance/U-S-State- and-Territorial-Public-Mask-Mandates-Fro/62d6- pm5i
Facemask Mandate	Michigan	4/26/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Minnesota	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Missouri	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Mississippi	4/28/20	https://www.mississippifreepress.org/9913/mississippcovid-19-timeline
Facemask Mandate	Montana	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	North Carolina	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	North Dakota	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Nebraska	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	New Hampshire	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	New Jersey	4/10/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Gathering Restrictions	New Mexico	5/15/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Gathering Restrictions	Nevada	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Gathering Restrictions	New York	4/17/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Ohio	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Oklahoma	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Oregon	NA	https://doi.org/10.1371/journal.pone.0252315.s001

Facemask Mandate	Pennsylvania	4/19/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Rhode Island	5/8/20	https://data.cdc.gov/Policy-Surveillance/U-S-State- and-Territorial-Public-Mask-Mandates-Fro/62d6- pm5i
Facemask Mandate	South Carolina	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	South Dakota	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Tennessee	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Texas	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Utah	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Virginia	5/29/20	https://data.cdc.gov/Policy-Surveillance/U-S-State-and-Territorial-Public-Mask-Mandates-Fro/62d6-pm5i
Facemask Mandate	Vermont	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Washington	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Wisconsin	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	West Virginia	NA	https://doi.org/10.1371/journal.pone.0252315.s001
Facemask Mandate	Wyoming	NA	https://doi.org/10.1371/journal.pone.0252315.s001