

EMPLOYEE TESTING, TRACING, AND DISCLOSURE AS A RESPONSE TO THE CORONAVIRUS PANDEMIC

Matthew T. Bodie* & Michael McMahon**

ABSTRACT

As the COVID-19 pandemic continues to devastate the United States, the federal government has largely failed to implement a national program to prevent and contain the virus. As a result, many employers have undertaken their own workplace coronavirus mitigation efforts. This essay examines, in three parts, the legal framework surrounding employer systems of workplace testing, tracing, and disclosure. It first examines the legal issues surrounding employer-mandated COVID-19 testing and temperature checks, especially issues arising under the Americans with Disabilities Act (ADA) and Health Information Portability and Accountability Act (HIPAA). Regarding employer contact tracing efforts, the essay next reviews the multitude of new digital tools and applications designed to aid in contact tracing and how these may implicate various state and federal privacy laws. Finally, the essay looks into employer disclosure of employee infections, including legal ramifications under the ADA, HIPAA, and other privacy laws. Our conclusion: employer testing, tracing, and disclosure programs are legally feasible but require careful planning and execution to protect employee privacy interests.

* Callis Family Professor and Co-Director, Wefel Center for Employment Law, Saint Louis University School of Law.

** J.D., Saint Louis University School of Law (expected 2021). Many thanks to participants in the SLU Law Half-Baked Summer Workshop Series, including Lauren Bartlett, Miriam Cherry, Monica Eppinger, Carol Needham, Henry Ordower, Ana Santos Rutschman, and Sidney Watson. Our thanks to the *Washington University Journal of Law and Policy*, especially Abbie Landoll, Amanda Lack, and Mary Kennedy.

INTRODUCTION

The novel coronavirus pandemic has continued to rage in the United States well past its initial spread throughout the country and subsequent state shutdowns.¹ Unlike countries across the globe, the United States largely failed to implement a comprehensive plan of prevention and containment.² In the absence of a coordinated national response, efforts to contain the pandemic devolved to state governments, localities, and private businesses and families. States scrambled to obtain adequate numbers of ventilators and personal protective equipment (PPE),³ while localities fiercely debated the closing of schools, parks, and bars.⁴ And employers in every industry faced difficult questions in managing the health of their workforce while continuing to operate, if legally permitted.⁵

1. See *States order bars and restaurants to close due to coronavirus*, AXIOS (Mar. 17, 2020), <https://www.axios.com/ohio-governor-bars-restaurants-coronavirus-26e4b6e3-7f65-4f6a-abf9-f3940220cc6f.html> [https://perma.cc/53CL-N49C] (discussing the initial economic shutdowns implemented by various U.S. states in March 2020 in response to the coronavirus outbreak); *U.S. records over 70,000 cases in one day for the first time since July*, N.Y. TIMES (Oct. 19, 2020), <https://www.nytimes.com/live/2020/10/18/world/covid-coronavirus/us-records-over-70000-cases-in-one-day-for-the-first-time-since-july> [https://perma.cc/ENK4-GLAH] (discussing the continuing spread of the virus throughout the U.S. over seven months after the initial lockdown response).

2. Compare Loveday Morris, *Angela Merkel Is Riding High as She Steers Europe's Coronavirus Recovery Effort*, WASH. POST (July 16, 2020), https://www.washingtonpost.com/world/europe/angela-merkel-coronavirus-legacy/2020/07/16/fab207c2-c5d1-11ea-a825-8722004e4150_story.html [https://perma.cc/R68S-5J35], with Michael D. Shear et al., *Inside Trump's Failure: The Rush to Abandon Leadership Role on the Virus*, N.Y. TIMES (July 18, 2020), <https://www.nytimes.com/2020/07/18/us/politics/trump-coronavirus-response-failure-leadership.html> [https://perma.cc/3HHE-3XKK] (noting that by April, the administration's "[u]ltimate goal was to shift responsibility for leading the fight against the pandemic from the White House to the states.").

3. Daniella Diaz & David Shortell, *Unfulfilled PPE Contracts Leave States Scrambling for Supplies Amid the Coronavirus Pandemic*, CNN (May 8, 2020), <https://www.cnn.com/2020/05/08/politics/ppe-contracts-states-fraud-waste-scramble-coronavirus/index.html> [https://perma.cc/PP8A-PRXK].

4. E.g., Kelly Bauer, *'We Will Shut You Down': City Will Close Bars, Restaurants If They Break Coronavirus Rules*, LIGHTFOOT WARNS, BLOCK CLUB CHI. (July 2, 2020), <https://blockclubchicago.org/2020/07/02/we-will-shut-you-down-city-will-close-bars-restaurants-if-they-break-coronavirus-rules-lightfoot-warns/> [https://perma.cc/QLQ5-GHPZ]; Juan Perez Jr. & Jane Norman, *Growing list of schools closing doors as coronavirus outbreak spreads*, POLITICO (Mar. 13, 2020, 8:34 AM), <https://www.politico.com/news/2020/03/13/dc-school-shutdowns-coronavirus-128060> [https://perma.cc/LW9T-SYE2]; Jeremy Miller, *'We've never seen this': wildlife thrives in closed US national parks*, THE GUARDIAN (May 21, 2020, 11:30 AM), <https://www.theguardian.com/environment/2020/may/21/wildlife-national-parks-covid-19-shutdown-death-valley> [https://perma.cc/XX93-S98J].

5. See, e.g., Michael Grabell & Bernice Yeung, *Emails Show the Meatpacking Industry Drafted an Executive Order to Keep Plants Open*, PROPUBLICA (Sept. 14, 2020, 2:43 PM)

Both workers and management are uncertain about the appropriate steps to take in order to operate safely. In May 2020, the Centers for Disease Control (CDC) issued guidelines for businesses on conducting their business in the midst of the pandemic, including a “Resuming Business Toolkit” purporting to lay out steps.⁶ The Occupational Safety and Health Administration (OSHA) also published guidance for employers about operating their businesses.⁷ However, critics have charged that these administrative actions failed to require firms to take specific steps or to protect them against litigation if they do take such steps.⁸ Without clarity from the federal government on appropriate workplace safety measures, companies must assess the appropriate measures to take on a case-by-case basis.

This essay examines the legal framework for one common approach to

<https://www.propublica.org/article/emails-show-the-meatpacking-industry-drafted-an-executive-order-to-keep-plants-open> [<https://perma.cc/K5AD-BTMS>] (discussing the meatpacking industry’s negotiations with the federal government in order to stay open in the face of virus spread); Patrick Moorhead, *Amazon Neither Winning Or Profiting From COVID-19*, FORBES (May 4, 2020, 6:02 PM) <https://www.forbes.com/sites/moorinsights/2020/05/04/amazon-neither-winning-or-profiting-from-covid-19/#697e53216793> [<https://perma.cc/9RWE-CRHZ>] (discussing Amazon’s hundreds of changes introduced to its workplace to attempt to continue operating safely); Coral Murphy, *Uber to require drivers and riders to wear face masks, open windows for ventilation*, USA TODAY (May 14, 2020, 1:25 PM), <https://www.usatoday.com/story/tech/2020/05/13/ubers-new-policy-riders-and-drivers-required-wear-face-masks/5184775002/> [<https://perma.cc/L9ZC-MGQX>] (discussing rules for drivers and riders instituted by Uber in response to COVID-19); Steve Watkins, *Kroger shares blueprint for Covid-19 success*, CINCINNATI BUS. COURIER (Apr. 22, 2020, 12:57 PM), <https://www.bizjournals.com/cincinnati/news/2020/04/22/kroger-shares-blueprint-for-covid-19-success.html> [<https://perma.cc/E9S3-GTV5>] (discussing the release of a report by Kroger Co. detailing the numerous changes it made to operate safely during the pandemic).

6. *Interim Guidance for Businesses and Employers Responding to Coronavirus Disease 2019 (COVID-19)*, CTRS. FOR DISEASE CONTROL & PREVENTION (May 6, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-business-response.html> [<https://perma.cc/BNY4-QM3W>] [hereinafter CDC, *Interim Guidance for Businesses and Employers*]; CTRS. FOR DISEASE CONTROL & PREVENTION, RESUMING BUSINESS TOOLKIT, CORONAVIRUS DISEASE 2019 (COVID-19) (May 21, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/downloads/community/Resuming-Business-Toolkit.pdf> [<https://perma.cc/3FUJ-FCWX>].

7. OCCUPATIONAL SAFETY & HEALTH ADMIN., REVISED ENFORCEMENT GUIDANCE FOR RECORDING CASES OF COVID-19 (May 19, 2020), <https://www.osha.gov/memos/2020-05-19/revised-enforcement-guidance-recording-cases-coronavirus-disease-2019-covid-19> [<https://perma.cc/9MMD-VESG>] [hereinafter OSHA, Revised Enforcement Guidance].

8. Fatima Hussein, *AFL-CIO Sues OSHA to Force Temporary Worker-Safety Standard (2)*, BLOOMBERG (May 18, 2020), <https://news.bloomberglaw.com/safety/afl-cio-sues-osha-to-force-temporary-worker-safety-standard> [<https://perma.cc/KL9D-PNB9>]; Annie Palmer, *There’s a Fight Brewing Over Whether Companies Are Responsible When Workers Get Coronavirus*, CNBC (June 19, 2020), <https://www.cnbc.com/2020/06/19/coronavirus-lawsuits-businesses-and-labor-groups-clash-over-liability.html> [<https://perma.cc/A7S3-Q9ZL>].

workplace coronavirus prevention and mitigation: testing, tracing, and disclosure. These methods are often lumped together as a time-honored yet technologically-enhanced approach to reining in the spread of disease.⁹ Individuals are tested for SARS-CoV-2; if they test positive, then their activities are traced to see who has come into contact with them during the potential period of infection. The contacts are then informed that they have come into close proximity with a positive person and asked to take appropriate precautions. The presence of the virus may also be disclosed more widely; for example, retail stores may notify the public that one of their employees was infected.¹⁰

Employer programs of testing, tracing, and disclosure have become commonplace during the pandemic.¹¹ But their quick adoption has left behind questions about their legality and their advisability. Since these programs involve sensitive information about employee health and social interactions, they necessarily pit the importance of health and safety against expectations of personal privacy. This essay will proceed to examine what existing law has to say about employee virus testing, contact tracing, and disclosure of test results to other workers, customers, and the public. The details do matter. Private-sector employers can implement a responsible testing, tracing, and disclosure program under the law. However, private-sector employers should take steps to ensure that the invasions into worker privacy caused by testing, tracing and disclosure are minimized to reduce

9. Charles D. Weiss, *AIDS: Balancing the Physician's Duty to Warn and Confidentiality Concerns*, 38 EMORY L.J. 279, 309 (1989) (discussing the successful use of contact tracing to control the spread of sexually transmitted diseases).

10. Staff Report, *Woman Demonstrating Cell Phones in Several Walmart Stores Tests Positive*, KETV OMAHA (Mar. 16, 2020), <https://www.ketv.com/article/douglas-county-health-department-mayor-stohtert-provide-update-on-covid-19/31645975> [<https://perma.cc/DB89-HWSW>].

11. See, e.g., Matt Day et al., *Amazon Says Almost 20,000 Workers Had Covid-19 in 6 Months*, BLOOMBERG (Oct. 1, 2020, 9:21 PM), <https://www.bloomberg.com/news/articles/2020-10-01/amazon-says-almost-20-000-workers-had-covid-19-during-pandemic> [<https://perma.cc/2RF5-4QP6>] (Amazon developing an in-house virus testing program which it states will allow the company to “ramp up testing” which, in turn, will allow it “to identify more people who are asymptomatic, quickly contact trace, enforce our quarantine process, and help to remove people from the community so they can recover before they infect others”); *PwC US CFO Pulse Survey: US findings – June 15, 2020*, PwC (June 15, 2020), <https://www.pwc.com/us/en/library/covid-19/pwc-covid-19-cfo-pulse-survey.html> [<https://perma.cc/EV77-9CBL>] (Results of PwC survey show that 29% of CFOs are evaluating tracing technology for workplace use); Nick McGurk, *Why JBS meatpacking plant and others nationwide are COVID-19 hotspots*, ABC4.COM (June 9, 2020, 6:38 PM), <https://www.abc4.com/coronavirus/why-jbs-meatpacking-plant-and-others-nationwide-are-covid-19-hotspots/> [<https://perma.cc/Z59T-PJ7P>] (meatpacking plant partners with state department of health to provide mandatory testing to employees).

potential harm.¹²

I. TESTING

To keep the novel coronavirus from spreading within the workplace, infected workers must stay away. Employers can count on self-policing to some extent and can encourage employees to stay home with a paid leave program.¹³ However, since symptoms of SARS-CoV-2 can be mild or even nonexistent, testing is necessary to shut the virus out.¹⁴ OSHA has suggested that employers should take steps to prevent transmission of the disease at the workplace.¹⁵ Given an employer's responsibility to maintain a safe workplace, it is important for employers to manage a system of testing within the workplace while remaining sensitive to the privacy of employee health data.

Employers have primarily used two diagnostic tools to identify workers infected with the novel coronavirus: virus testing and temperature checks. While virus testing is a much better guide to detect the presence of the virus,

12. This essay does not discuss the requirements imposed on public-sector employers by federal and state law. Unlike private-sector employers, government agencies must follow U.S. constitutional requirements, especially the Fourth Amendment's prohibition on unreasonable searches. U.S. CONST. amend. IV. For a discussion of the unique importance of privacy protection for public-sector employees, see Pauline T. Kim, *Market Norms and Constitutional Values in the Government Workplace*, 94 N.C. L. REV. 601 (2016).

13. The Families First Coronavirus Response Act (FFCRA) requires certain employers to provide employees with paid sick leave or expanded family and medical leave for specified reasons related to COVID-19. Families First Coronavirus Response Act, Pub. L. No. 116-127, 134 Stat. 178 (2020). Employers are also increasing their own individual programs. Brian O'Connell, *COVID-19 Spurs Expanded Paid Leave*, SOC'Y FOR HUM. RES. MGMT. (May 30, 2020), <https://www.shrm.org/hr-today/news/all-things-work/pages/covid-19-spurs-expanded-paid-leave.aspx> [https://perma.cc/S3ZC-A52D].

14. Noah Higgins-Dunn & Berkeley Lovelace, Jr., *Top HHS Official Says 'most' of the Coronavirus Transmission is From Asymptomatic People*, CNBC (July 17, 2020, 8:39 AM), <https://www.cnbc.com/2020/07/17/top-hhs-official-says-most-of-the-coronavirus-transmission-is-from-asymptomatic-people.html> [https://perma.cc/VP2S-DGLD].

15. The employer may have a duty to monitor cases of COVID-19 in their workplace under OSHA's general duty clause. See 29 U.S.C. § 654(a)(1). The clause requires employers to keep their workplace free from any recognized hazards that cause or are likely to cause death or serious physical harm to employees. *Id.* OSHA has issued coronavirus-specific workplace-preparedness guidance directing employers to "develop policies and procedures for prompt identification and isolation of sick people" OCCUPATIONAL SAFETY & HEALTH ADMIN., GUIDANCE ON PREPARING WORKPLACES FOR COVID-19, at 9 (Mar. 2020), <https://www.osha.gov/Publications/OSHA3990.pdf> [https://perma.cc/947Q-ATBW]. The guidance does not require mandatory employee testing. See generally *id.*

these tests can take long periods,¹⁶ can have varying rates of false positives and negatives,¹⁷ and can be difficult to procure.¹⁸ As a quicker and easier-to-procure substitute, many employers are requiring temperature checks for workers prior to the start of work.¹⁹ In providing guidance for critical infrastructure workers, the CDC stated that “employers should measure the employee’s temperature and assess symptoms prior to them starting work. Ideally, temperature checks should happen before the individual enters the facility.”²⁰ Local governments have also encouraged or required employer

16. See, e.g., Rachel Weiner, William Wan & Abigail Hauslohner, *Long Delays in Getting Test Results Hobble Coronavirus Response*, WASH. POST (July 12, 2020 5:30 PM), https://www.washingtonpost.com/health/long-delays-in-getting-test-results-hobble-coronavirus-response/2020/07/12/d32f7fa8-c1fe-11ea-b4f6-cb39cd8940fb_story.html [https://perma.cc/9M29-3PBM].

17. See, e.g., Curt Devine, *Coronavirus Test Used by White House Has Questionable Accuracy*, CNN (July 3, 2020 7:11 AM), <https://www.cnn.com/2020/07/03/politics/coronavirus-white-house-test-abbott/index.html> [https://perma.cc/7VE3-9M94].

18. See, e.g., Soo Rin Kim, Matthew Vann, Laura Bronner & Grace Manthey, *Want A COVID-19 Test? It’s Much Easier To Get In Wealthier, Whiter Neighborhoods*, FIVETHIRTYEIGHT (July 22, 2020), <https://fivethirtyeight.com/features/white-neighborhoods-have-more-access-to-covid-19-testing-sites/> [https://perma.cc/4KJN-JZNS].

19. See, e.g., Ben Fox Rubin, *Amazon Begins Temperature Checks for Warehouse Workers as Coronavirus Spreads*, CNET (Apr. 2, 2020 7:12 AM), <https://www.cnet.com/news/amazon-begins-temperature-checks-for-warehouse-workers-as-coronavirus-spreads/> [https://perma.cc/MMB7-4MTB]. While temperature checks may be quick and easy to implement for employers, there’s growing concern temperature checks have limited effectiveness in slowing the spread of COVID-19. See Roni Caryn Rabin, *Fever Checks Are No Safeguard Against Covid-19*, N.Y. TIMES (Sept. 13, 2020), <https://www.nytimes.com/2020/09/13/health/covid-fever-checks-dining.html> [https://perma.cc/X86P-3DEV]. While the effectiveness of temperature checks as a screening tool is not clear, the CDC’s employer guidance continues to include them as part of daily employee health checks that employers should “consider.” CDC, *Interim Guidance for Businesses and Employers*, *supra* note 6. Further, some state public health orders require all or specific types of employers to conduct temperature checks. See, e.g., Colorado Dep’t of Public Health & Environment, *Seventh Amended Public Health Order 20–28 Safer at Home and in the Vast, Great Outdoors* (June 18, 2020), <https://drive.google.com/file/d/1BdBwLeI0sY5xmvWk555jCewPvgTJb9e/view> [https://perma.cc/LQ3P-7GEY] (requiring “[e]mployers and sole proprietors” to, among many other things, “conduct daily temperature checks” of employees); New Hampshire Governor’s Economic Reopening Taskforce, *Universal Guidelines for All New Hampshire Employers and Employees* (Oct. 6, 2020), <https://www.covidguidance.nh.gov/sites/g/files/ehbemt381/files/files/inline-documents/guidance-universal.pdf> [https://perma.cc/A8KK-244Q] (requiring employers to “[t]ake the temperatures of all employees and volunteers daily before they begin their workday or activity”).

20. CTRS. FOR DISEASE CONTROL & PREVENTION, *INTERIM GUIDANCE FOR IMPLEMENTING SAFETY PRACTICES FOR CRITICAL INFRASTRUCTURE WORKERS WHO MAY HAVE HAD EXPOSURE TO A PERSON WITH SUSPECTED OR CONFIRMED COVID-19* (Sept. 11, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/downloads/critical-workers-implementing-safety-practices.pdf> [https://perma.cc/V4X9-5FP9].

temperature checks in their reopening orders.²¹

Temperature checks and coronavirus testing are both considered medical examinations under the Americans with Disabilities Act (ADA).²² The ADA, which covers most private employers with 15 or more employees,²³ was designed to protect workers with disabilities from discrimination or exclusion from the job market.²⁴ As part of its overall statutory scheme, the Act forbids employers from requiring employees to undergo medical examinations or making disability-related inquiries of employees, unless the examination or inquiry is both “job-related and consistent with business necessity.”²⁵ These limitations apply to all employees, as well as job applicants; the employee need not have a disability to be covered.²⁶ The Equal Employment Opportunity Commission (EEOC) has stated that an examination will be considered “‘job-related and consistent with business necessity’ when an employer ‘has a reasonable belief, based on objective evidence, that: (1) an employee’s ability to

21. See, e.g., *COVID-19 Information for Employers and Employees: Employee Screening for COVID-19*, OHIO DEP’T OF HEALTH (Aug. 3, 2020), <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/resources/general-resources/Screening-Employees-for-COVID-19> [<https://perma.cc/3UYV-7U5M>] (stating that the Governor and Department of Health Director “[s]trongly recommend that all employees perform a daily symptom assessment each day before work.” That includes guidance for employees to “[t]ake [their] temperature with a thermometer each day.”); Saint Louis Cnty. Dir. of Pub. Health, *Business and Individual Guidelines for Social Distancing and Re-Opening* (May 8, 2020), <http://stlcorona.com/dr-pages-messages/public-health-orders/director-of-public-health-business-and-individual-guidelines-for-social-distancing-and-re-opening/> [<https://perma.cc/9T83-KDE5>] (mandating that “[a]ll Businesses shall conduct daily screenings of employees and volunteers who work in their facilities for symptoms of COVID-19.”).

22. See 42 U.S.C. §§ 12111–12117, 12201–12213; *Pandemic Preparedness in the Workplace and the Americans with Disabilities Act*, EQUAL EMP. OPPORTUNITY COMM’N, § III.B.7 (Mar. 21, 2020), <https://www.eeoc.gov/laws/guidance/pandemic-preparedness-workplace-and-americans-disabilities-act> [<https://perma.cc/ZUF4-DKF3>] [hereinafter EEOC, *Pandemic Preparedness in the Workplace*] (“[M]easuring an employee’s body temperature is a medical examination.”).

23. See 42 U.S.C. § 12111.

24. *Id.* § 12101.

25. *Id.* § 12112(d).

26. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at § II (citing 42 U.S.C. § 12112(d)(4)(A)). See also *Roe v. Cheyenne Mountain Conf. Resort, Inc.*, 124 F.3d 1221, 1229 (10th Cir. 1997) (quoting the district court in agreement that “[i]t makes little sense to require an employee to demonstrate that he has a disability to prevent his employer from inquiring as to whether or not he has a disability.”); *Fredenburg v. Contra Costa Cnty. Dep’t of Health Servs.*, 172 F.3d 1176, 1182 (9th Cir. 1999) (holding that “[p]laintiffs need not prove that they are qualified individuals with a disability in order to bring claims challenging the scope of medical examinations under the ADA.”); *Conroy v. N.Y. State Dep’t of Corr. Servs.*, 333 F.3d 88, 94 (2d Cir. 2003) (stating that “[a] plaintiff need not prove that he or she has a disability unknown to his or her employer in order to challenge a medical inquiry or examination under [the ADA].”).

perform essential job functions will be impaired by a medical condition; or (2) an employee poses a direct threat due to a medical condition.”²⁷

Employee testing, whether it be a temperature screen or a coronavirus test, is likely justified as “job-related and consistent with business necessity” based on the “direct threat” that an infected employee would pose to other workers. The Act defines a direct threat as “a significant risk of substantial harm to the health or safety of the individual or others that cannot be eliminated or reduced by reasonable accommodations.”²⁸ In its coronavirus guidance, the EEOC ascertained that “based on guidance of the CDC and public health authorities as of March 2020, the COVID-19 pandemic meets the direct threat standard.”²⁹ It seems unlikely that a court would find otherwise, given the high severity and contagiousness of COVID-19.³⁰ Based on their understanding of the standard, the EEOC allows employers to require testing before an employee is permitted to start work or return to work.³¹

The ADA also forbids employers from asking “a question (or series of questions) that is likely to elicit information about a disability.”³² EEOC guidance from 2009 states that since “asking an individual about symptoms of a cold or the seasonal flu is not likely to elicit information about a disability,”³³ it is not prohibited by the ADA. Employer questionnaires

27. *Enforcement Guidance on Disability-Related Inquiries and Medical Examinations of Employees under the ADA*, EQUAL EMP. OPPORTUNITY COMM’N 5 (July 26, 2000), <https://www.eeoc.gov/laws/guidance/enforcement-guidance-disability-related-inquiries-and-medical-examinations-employees> [<https://perma.cc/VXT5-KW94>].

28. 42 U.S.C. § 12111(3); 29 C.F.R. § 1630.2(r).

29. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at § II.B.

30. According to studies, COVID-19 is more contagious than the seasonal flu. *See Similarities and Differences Between Flu and COVID-19*, CTRS. FOR DISEASE CONTROL & PREVENTION (July 10, 2020), <https://www.cdc.gov/flu/symptoms/flu-vs-covid19.htm> [<https://perma.cc/69T4-YCGK>] (“While COVID-19 and flu viruses are thought to spread in similar ways, COVID-19 is more contagious among certain populations and age groups than flu. Also, COVID-19 has been observed to have more superspreading events than flu.”).

31. *What You Should Know About COVID-19 and the ADA, the Rehabilitation Act, and Other EEO Laws*, EQUAL EMP. OPPORTUNITY COMM’N, § A.6 (June 17, 2020), <https://www.eeoc.gov/wysk/what-you-should-know-about-covid-19-and-ada-rehabilitation-act-and-other-eeo-laws> [<https://perma.cc/F96H-EMGC>] [hereinafter EEOC, *What You Should Know About COVID-19*] (“Therefore an employer may choose to administer COVID-19 testing to employees before they enter the workplace to determine if they have the virus.”).

32. EQUAL EMP. OPPORTUNITY COMM’N, *supra* note 27, at § B.1. Conversely, “[q]uestions that are not likely to elicit information about a disability are not disability-related inquiries and, therefore, are not prohibited under the ADA.” *Id.* (emphasis omitted).

33. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 27, at § II.A.1.

about potential SARS-CoV-2 symptoms would be similar to those concerning a cold or seasonal flu, and it's therefore unlikely these types of "symptom checks" constitute a disability-related inquiry. The CDC has provided a list of COVID-19 symptoms,³⁴ and encourages employers to "consider conducting daily in-person or virtual health checks (e.g., symptom and/or temperature screening) of employees before they enter the facility."³⁵ Because of the crossover in symptoms between the coronavirus and the CDC's list of influenza (flu) symptoms,³⁶ the 2009 EEOC guidance implies that symptom screenings would similarly not be a disability-related inquiry.³⁷

A more complicated question is whether an employer may inquire if employees might be more susceptible to the disease or more likely to develop serious complications if they were to contract it. The ADA generally prohibits an employer from making inquiries as to whether an employee has a specific medical condition or disability, even if this condition or disability would make them more vulnerable to particular diseases.³⁸ This approach presumably would apply to the novel coronavirus. Broad inquiries such as asking employees to list "any illness, injury or past accidents" would constitute a disability-related inquiry because the question necessitates revealing a disability if an employee has one.³⁹ Furthermore, EEOC guidance provides that asking more specific questions, such as whether an individual is immunocompromised, constitutes a disability-related inquiry because "a weak or compromised immune system can be closely associated with conditions such as cancer or HIV/AIDS."⁴⁰

34. *Coronavirus Disease 2019 (COVID-19): Symptoms of Coronavirus*, CTRS. FOR DISEASE CONTROL & PREVENTION (May 13, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html> [https://perma.cc/Y45V-GVJD].

35. CDC, *Interim Guidance for Businesses and Employers*, *supra* note 6.

36. *Influenza (Flu): Flu Symptoms & Complications*, CTRS. FOR DISEASE CONTROL & PREVENTION (Sept. 18, 2019), <https://www.cdc.gov/flu/symptoms/symptoms.htm> [https://perma.cc/WC4N-ARN5].

37. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at III.B.5.

38. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at III.B.9. A recent study found nearly 85.3 million people in the U.S. have a disability, making the issue of allowing disability-related inquiries related to COVID-19 an urgent issue for many Americans. DANIELLE M. TAYLOR, U.S. DEP'T OF COM., *AMERICANS WITH DISABILITIES: 2014*, at 2 (Nov. 29, 2018), <https://www.census.gov/content/dam/Census/library/publications/2018/demo/p70-152.pdf> [https://perma.cc/SR6K-RGVK].

39. *Miller v. Whirlpool Corp.*, 807 F. Supp. 2d 684, 685, 687 (N.D. Ohio 2011).

40. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at II.A.1.

However, the severity of the novel coronavirus may change this equation. Speaking about the flu in its 2009 guidance, the EEOC stated:

If an influenza pandemic becomes more severe or serious according to the assessment of local, state or federal public health officials, ADA-covered employers may have sufficient objective information from public health advisories to reasonably conclude that employees will face a direct threat if they contract pandemic influenza. Only in this circumstance may ADA-covered employers make disability-related inquiries or require medical examinations of asymptomatic employees to identify those at higher risk of influenza complications.⁴¹

Because the EEOC has declared COVID-19 a direct threat, normally prohibited inquiries as to employees' medical conditions may be allowable if they are designed to protect employees at higher risk for COVID-19. One such inquiry would be whether an employee is immunocompromised.⁴² However, it is unclear whether the employer could screen for conditions or disabilities (such as diabetes, high blood pressure, or heart conditions) that do not heighten risk of contagion but do increase the likelihood of a severe or fatal reaction.⁴³ The EEOC has provided guidance on how employers can create ADA-compliant inquiries that identify which employees are more likely to be unavailable for work. It suggests designing questions that "identify potential non-medical reasons for absence during a pandemic (e.g., curtailed public transportation) on an equal footing with medical reasons (e.g., chronic illnesses that increase the risk of complications)." The EEOC's example asks employees to answer either "yes" or "no" to the question of whether in the event of a pandemic, they would be unable to come to work because of any of the listed reasons, which include both

41. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at III.B.9.

42. *Coronavirus Disease 2019 (COVID-19): People Who Are at Higher Risk for Severe Illness*, CTRS. FOR DISEASE CONTROL & PREVENTION (May 14, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html> [<https://perma.cc/M48J-CBU6>].

43. *See People with Certain Medical Conditions*, CTRS. FOR DISEASE CONTROL & PREVENTION (July 17, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html> [<https://perma.cc/UY6A-BVJ8>] (noting that "[i]n general, the more people you interact with, the more closely you interact with them, and the longer that interaction, the higher your risk of getting and spreading COVID-19" and, separately, listing medical conditions that make adults "at risk of severe illness from the virus that causes COVID-19").

medical and non-medical reasons.⁴⁴ This ambiguity, however, makes it more difficult for employers to assess whether some employees might be placing themselves at higher risk by working.⁴⁵

Other coronavirus-related inquiries are allowable under the ADA if they are not disability-related. Given the geographies of the COVID-19 threat, employers may wish, or be required, to inquire about an employee's travels before clearing them to work.⁴⁶ EEOC guidance states that travel-related questions are not disability-related inquiries, and that "employers may follow the advice of the CDC and state/local public health authorities regarding information needed to permit an employee's return to the workplace after visiting a specified location, whether for business or personal reasons."⁴⁷ Given the progression of the disease in 2020, local "hot spots" are likely to continue to erupt, and requiring quarantine after traveling to such places as a prophylactic measure may make sense.

The term "HIPAA" is commonly invoked as a universal prohibition on health-related inquiries or disclosure. However, the Health Insurance Portability and Accountability Act (HIPAA)⁴⁸ is not the all-inclusive privacy scheme that it is often imagined to be. In particular, HIPAA's coverage is narrower than generally understood. The Act applies only to health plans, health care clearinghouses, and healthcare providers.⁴⁹ Employers are only covered if they fit into one of these categories; the most common possibilities are employers with their own sponsored health plans or health care providers such as hospitals or doctors' offices. Further, HIPAA's Privacy Rule specifically excludes from its coverage

44. See EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at III.A.2.

45. Especially if liable for work-transmitted cases of the virus, some employers may make crude judgments about keeping workers away based on risk factors such as obesity or diabetes. See *People with Certain Medical Conditions*, CTRS. FOR DISEASE CONTROL & PREVENTION (July 17, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html> [<https://perma.cc/UY6A-BVJ8>] (noting the increased risk factors of COVID-19 for those with obesity, high blood pressure, and type-2 diabetes).

46. In St. Louis County, the Department of Public Health issued a travel advisory recommending that employers add "a question related to recent travels and social distancing behaviors" to their employee health screenings. *2019 Novel Coronavirus ("COVID-19") Advisory to Residents and Employers Regarding Holiday Weekend Activities*, ST. LOUIS CNTY. DEP'T OF PUB. HEALTH (May 2020), <http://mura.stlouisco.com/sites/default/assets/pdfs/press-release/st-louis-county-travel-advisory-dph-travel-advisory-05252020.pdf> [<https://perma.cc/7WSZ-XDWJ>].

47. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at II.B.8.

48. Health Insurance Portability and Accountability Act, Pub. L. No. 104-191, 110 Stat. 1936 (1996) (codified as amended in scattered sections of 26, 29, and 42 U.S.C.).

49. 45 C.F.R. § 160.103 (2019).

“individually identifiable health information in employment records held by a covered entity in its role as an employer.”⁵⁰ Thus, even if an employer is a covered entity, employment records are excluded from the Privacy Rule’s protections.

After the initial lockdown, many employers required employee testing before returning to work.⁵¹ HIPAA would be involved in the employer’s receipt of this information, as the healthcare provider who conducts the test would be considered a covered entity, and the results of the test would be considered protected health information (PHI) covered by the Privacy Rule. An employee can consent to release this information and absolve the health care provider of privacy concerns; this is the easiest and likely most common method for employers to get the information.⁵² If the employee doesn’t give consent, there are two avenues for the provider to still release the information. First, the U.S. Department of Health and Human Services (HHS) guidance on HIPAA and COVID-19 states that providers “may share patient information with anyone as necessary to prevent or lessen a serious and imminent threat to the health and safety of a person or the public”—which could, presumably, include notification of an employer without the patient’s consent.⁵³ HIPAA has been held to allow disclosure without patient authorization in order to notify individuals that may have been exposed to COVID-19⁵⁴ and to notify health authorities conducting disease

50. *Id.*

51. *See, e.g.*, Phil Galewitz, *Some Employers May Require Employees Get Tested for COVID-19 Before Coming Back to Work*, TIME (May 7, 2020 1:18 PM), <https://time.com/5833633/employer-coronavirus-testing/> [<https://perma.cc/VV6C-JS8M>].

52. Receiving employee consent and authorization for the health provider to release test results to the employer is the simplest mechanism under HIPAA for an employer to receive this information, and is unlikely to be difficult for employers to obtain: EEOC guidance states that “[a]n employer may choose to administer COVID-19 testing to employees before they enter the workplace to determine if they have the virus.” EEOC, *What You Should Know About COVID-19*, *supra* note 31, at A.6. Further, the EEOC stated in a COVID-19 webinar that “[t]he ADA allows an employer to bar an employee from physical presence in the workplace if he refuses to answer questions about whether he has COVID-19, symptoms associated with COVID-19, or has been tested for COVID-19” *Transcript of March 27, 2020 Outreach Webinar*, EQUAL EMP. OPPORTUNITY COMM’N (Mar. 27, 2020), <https://www.eeoc.gov/transcript-march-27-2020-outreach-webinar#q1> [<https://perma.cc/9PL7-8L8E>]. Since an employer has the legal power to bar an at-will employee from physical presence in the workplace if they refuse to consent to the disclosure of their test results, most at-will employees will consent to such disclosure. *See id.*

53. OFF. FOR CIV. RTS., DEP’T OF HEALTH & HUM. SERVS., BULLETIN: HIPAA PRIVACY AND NOVEL CORONAVIRUS (Feb. 2020), <https://www.hhs.gov/sites/default/files/february-2020-hipaa-and-novel-coronavirus.pdf> [<https://perma.cc/DJ33-LS4T>] [hereinafter HHS Bulletin].

54. 45 C.F.R. § 164.512(b)(1)(iv) (2019). For example, providers may need to inform other

investigations.⁵⁵ But there is no elucidated requirement to notify a patient’s employer. The decision to disclose test results to an employer would be at the discretion of the health provider.⁵⁶ Second, providers could arguably disclose testing information to employers without patient authorization as a “permitted disclosure” under HIPAA’s public health exception.⁵⁷ This exception only allows for the covered entity to provide the test results to the employer if: (a) the employer requested the test, (b) the test was provided for employment-related reasons, and (c) the employer has a legal duty to keep records on the information in the test results.⁵⁸ As to this last element, OSHA has issued guidance regarding when employers should record employee cases of the novel coronavirus.⁵⁹ To be fully compliant with the public health exception, the healthcare provider must provide written notice to the patient “that protected health information relating to the medical surveillance of the workplace and work-related illnesses and injuries is disclosed to the employer.”⁶⁰

State laws may also come into play to protect employee health

patients who were in the waiting room at the same time. *See id.*

55. *Id.* § 164.512(b)(1)(i). *See also Permitted Uses and Disclosures: Exchange for Public Health Activities*, OFF. OF THE NAT’L COORDINATOR FOR HEALTH INFO. TECH., DEP’T OF HEALTH & HUM. SERVS. (Dec. 2016), https://www.healthit.gov/sites/default/files/12072016_hipaa_and_public_health_fact_sheet.pdf [<https://perma.cc/FC4R-VKSD>]; HHS Bulletin, *supra* note 53.

56. HHS Bulletin, *supra* note 53, at 4 (noting that “HIPAA expressly defers to the professional judgment of health professionals in making determinations about the nature and severity of the threat to health and safety.”). HHS has issued a Notification of Enforcement Discretion stating that it will not impose penalties for violations of the Privacy Rule against covered healthcare providers or their business associates for uses and disclosures of PHI by business associates for public health and health oversight activities during the pandemic. Dep’t of Health & Hum. Servs., Notification of Enforcement Discretion Under HIPAA to Allow Uses and Disclosures of Protected Health Information by Business Associates for Public Health and Health Oversight Activities in Response to COVID-19 (Apr. 2, 2020), <https://www.hhs.gov/sites/default/files/notification-enforcement-discretion-hipaa.pdf> [<https://perma.cc/JH3P-XGU6>].

57. *See* 45 C.F.R. § 164.512(b)(1) (2019).

58. *See id.* § 164.512(b)(1)(v). *See also Does the HIPAA Privacy Rule’s public health provision permit covered health care providers to disclose protected health information concerning the findings of pre-employment physicals, drug tests, or fitness-for-duty examinations to an individual’s employer?*, DEP’T OF HEALTH & HUM. SERVS. (2013), <https://www.hhs.gov/hipaa/for-professionals/faq/301/does-the-hipaa-public-health-provision-permit-health-care-providers-to-disclose-information-from-pre-employment-physicals/index.html> [<https://perma.cc/5D56-2GFX>].

59. *See* OSHA, Revised Enforcement Guidance, *supra* note 7. The guidance requires employers to record positive cases if: (1) the worker has a confirmed case of the virus, as defined by the CDC; (2) the transmission is work-related; and (3) the case involves one or more of the general recording criteria. OSHA, Revised Enforcement Guidance, *supra* note 7; *see also* 29 C.F.R. §§ 1904.5, 1904.7 (2013).

60. 45 C.F.R. § 164.512(b)(1)(v)(D) (2019).

information. For example, the Illinois Biometric Information Privacy Act (BIPA) protects the collection and use of biometric identifiers and biometric information.⁶¹ BIPA defines biometric information as any information “based on an individual’s biometric identifier used to identify an individual;”⁶² the Act includes “a retina or iris scan, fingerprint, voiceprint, or scan of hand or face geometry” as biometric identifiers.⁶³ Most testing methods will not use any of these types of biometric information. For example, an employer’s recording of an employee’s temperature does not involve an iris scan, fingerprint, voiceprint, or scan of hand or face geometry. A coronavirus test also does not involve this information, as tests for current presence of the virus generally involve the taking of bodily samples from the respiratory system,⁶⁴ while tests for past infection involve testing a patient’s blood.⁶⁵

It is also important to note that the BIPA’s definition of biometric identifier includes so many exclusions related to health care that it seems to rule out the Act applying to novel coronavirus testing. It excludes biological materials regulated under the Genetic Information Privacy Act⁶⁶, information regulated under HIPAA, and any “image or film of the human anatomy used to diagnose, prognose, or treat an illness or other medical condition or to further validate scientific testing or screening.”⁶⁷ Because of this wide exclusion of healthcare information from the Act’s definition of biometric identifiers, it is unlikely that the BIPA applies to COVID-19 testing in an employment situation. One possible exception would be devices that utilize facial recognition in temperature taking, described as using “facial recognition to identify the faces of individuals walking past

61. 740 ILL. COMP. STAT. §§ 14/1-14/99 (2019). BIPA protects only Illinois residents and it applies only to private entities. *See id.* §14/10 (defining a private entity to “not include a State or local government agency”). *See also id.* § 14/15 (providing that BIPA’s substantive provisions on retention, collection, disclosure, and destruction of biometric information only apply to private entities).

62. *Id.* § 14/10.

63. *Id.*

64. *Test for Current Infection*, CTRS. FOR DISEASE CONTROL & PREVENTION (Aug. 24, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/testing/diagnostic-testing.html> [<https://perma.cc/SE96-PHUV>].

65. *Test for Past Infection (Antibody Test)*, CTRS. FOR DISEASE CONTROL & PREVENTION (June 30, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/testing/serology-overview.html> [<https://perma.cc/7PQ8-W3M5>].

66. 410 ILL. COMP. STAT. §§ 513/1—513/97 (2019).

67. 740 ILL. COMP. STAT. § 14/10 (2019).

the device and thermal scanning to take their temperatures.”⁶⁸ Such technology would implicate BIPA because of the collection of faceprint data, and the employer would need to follow the law’s detailed requirements on notification, consent, storage, and deletion.⁶⁹

In the European Union, the General Data Protection Regulation (GDPR) requires a specific justification for data processing and specifically highlights the sensitivity of health data.⁷⁰ Although the GDPR was interpreted in some countries as prohibiting employee testing and temperature checks,⁷¹ by this point the practice is seen as relatively uncontroversial, as long as the employee data is protected and minimized.⁷² Unlike the European Union, the United States has no national data protection statute. The closest we come to a generalizable privacy obligation is the common law’s intrusion upon seclusion tort—one of the four privacy torts first set forth in the Restatement (Second) of Torts.⁷³ The Restatement

68. David Stauss, Malia Rogers & Megan Herr, *U.S. Privacy Law Implications with the Use of No-Contact Temperature Taking Devices*, BYTE BACK (Apr. 27, 2020), <https://www.bytebacklaw.com/2020/04/u-s-privacy-law-implications-with-the-use-of-no-contact-temperature-taking-devices/> [<https://perma.cc/ZN83-DLB2>].

69. 740 ILL. COMP. STAT. §§ 14/15, 14/20 (2019).

70. Regulation 2016/679, of the European Parliament and of the Council of 27 April 2016 on the Protection of Natural Persons with Regard to the Processing of Personal Data and on the Free Movement of Such Data, and Repealing Directive 95/46/EC (General Data Protection Regulation), 2016 O.J. (L 119) 38 [hereinafter GDPR]. An easily accessible version of the GDPR can be found at <https://gdpr-info.eu/> [<https://perma.cc/5DAF-G5TF>]. The GDPR prohibits the processing of health data without a specified exceptions. *See id.* Art. 9.

71. Catherine Stupp & Kristin Broughton, *Companies Walk Fine Line on Employee Data Amid Coronavirus Outbreak*, WALL ST. J. (Mar. 12, 2020, 9:59 AM), <https://www.wsj.com/articles/companies-walk-fine-line-on-employee-data-amid-coronavirus-outbreak-11583948984> [<https://perma.cc/K5XD-HRHT>] (“A spokeswoman for Belgium’s regulator said body temperature checks seem unnecessary based on current information from health authorities.”); Douglas Busvine, *EU Privacy Rules No Obstacle to Coronavirus Fight; Smartphone Tracking a No-No*, REUTERS (Mar. 10, 2020, 7:57 AM), <https://www.reuters.com/article/us-health-coronavirus-privacy-explainer/eu-privacy-rules-no-obstacle-to-coronavirus-fight-smartphone-tracking-a-no-no-idUSKBN20X1MP> (“Employers are not allowed to take mandatory readings of the temperature of employees or visitors, nor can they require them to fill out compulsory medical questionnaires, according to French data protection office CNIL.”).

72. *See, e.g., Testing*, U.K. INFO. COMM’R’S OFF. (last visited July 22, 2020), <https://ico.org.uk/global/data-protection-and-coronavirus-information-hub/coronavirus-recovery-data-protection-advice-for-organisations/testing/> (noting that an employer’s health and safety obligations “[w]ill cover most of what employers need to do, as long as they are not collecting or sharing irrelevant or unnecessary data.”); Daphne Diorio Borri et al., *COVID-19: Guidance for Employers in Italy*, BIRD & BIRD (last visited July 22, 2020), <https://www.twobirds.com/en/news/articles/2020/global/covid-19-guidance-for-employers-in-italy> [<https://perma.cc/ZZ3N-2G5E>] (noting that employers had a legal obligation to do temperature checks in the Lombardy region of Italy).

73. RESTATEMENT (SECOND) OF TORTS § 652B (AM. L. INST. 1977). The privacy protection

of Employment Law builds upon the intrusion tort to specifically protect employees against “wrongful employer intrusions upon their protected privacy interests.”⁷⁴ In order to incur liability, the employer’s action must intrude upon an employee’s protected employee privacy interest and must also be considered wrongful.⁷⁵ Temperature checks and coronavirus tests would definitely fall under a protected employee privacy interest, as employees have an interest in the privacy of their physical persons and health data.⁷⁶ However, if conducted reasonably, these actions would not be tortious, as they would not be “highly offensive” to a reasonable person under the circumstances.⁷⁷ The “highly offensive” test generally compares the nature and scope of the privacy intrusion against the legitimate employer interests behind the intrusion.⁷⁸ In this case, the tests would be justified by the severity of the pandemic as well as the interests of both employers and employees in staunching the virus’s spread. Health and safety concerns are generally accorded significant deference when legitimate and reasonably carried out.⁷⁹

Employers can follow practical steps to minimize the intrusion into employee privacy through their testing regimes. If an employee registers a high temperature, the employer can then send the employee home or order a test without recording the actual temperature. The checks could also be conducted by outside medical professionals who keep all information about the program confidential. Of course, if an employee tests positive, then public health guidelines would counsel that the employee’s contacts be traced and then informed of possible exposure. To these next steps we now

provided under the California Constitution has been interpreted to follow the general outline of the common-law protection. *See* CAL. CONST. art. 1, § 1; *Hill v. Nat’l Collegiate Athletic Ass’n*, 865 P.2d 633, 649 (Cal. 1994) (calling the common law “an invaluable guide in constitutional privacy litigation”). There is also a statutory privacy provision in Massachusetts. MASS. GEN. LAWS ch. 214, § 1B (2019).

74. RESTATEMENT OF EMPLOYMENT LAW § 7.01 (AM. L. INST. 2015).

75. *Id.*

76. *Id.* §§ 7.03(a)(1), 7.04(a) (physical person and bodily functions, and personal information, respectively).

77. *Id.* § 7.06(b).

78. *Id.*

79. For example, courts have accorded protections for employee drug testing especially when health and safety issues are in play. *See, e.g., Wilcher v. City of Wilmington*, 60 F. Supp. 2d 298, 304 (D. Del. 1999) (noting that “a firefighter with an undetected drug problem poses a great safety risk, not only to himself, but to his colleagues and the community at large”); *Gilmore v. Enogex, Inc.*, 878 P.2d 360, 364 (Okla. 1994) (“Safety issues and other concerns for efficiency prompted Enogex to take steps to ensure that its employees are neither intoxicated on the job nor performing under par because of off-duty drug and alcohol abuse.”).

turn.

II. CONTACT TRACING

Contact tracing has been identified as a critical piece of the public health puzzle to contain the coronavirus in absence of treatment or vaccine.⁸⁰ In most countries around the globe, including, historically, the United States, contact tracing has been primarily the responsibility of public health authorities.⁸¹ But the Trump administration has failed to employ such tracing in any meaningful way, and states have struggled to develop their own systems.⁸² As a result, private entities have been forced to consider their own programs to protect their workers and customers.⁸³ The Administration’s reopening guidelines, issued in April 2020, encourage employers to “develop and implement policies and procedures for workforce contact tracing following employee [positive coronavirus] test.”⁸⁴ As a result, employers have implemented systems of tracing employees’ contacts with fellow workers, suppliers, and customers in order

80. See, e.g., *Case Investigation and Contact Tracing: Part of a Multipronged Approach to Fight the COVID-19 Pandemic* [Case Investigation and Contact Tracing], CTRS. FOR DISEASE CONTROL & PREVENTION (Apr. 29, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/php/principles-contact-tracing.html> [<https://perma.cc/4PED-4XWD>] (stating that contact tracing “is a key strategy for preventing further spread of COVID-19.”).

81. Ian Bremmer, *The Best Global Responses to COVID-19 Pandemic*, TIME (June 12, 2020), <https://time.com/5851633/best-global-responses-covid-19/> [<https://perma.cc/S98B-C9D8>] (discussing how governments in countries like Taiwan, South Korea, and Iceland employed contact tracing to stifle the virus); cf. *Case Investigation and Contact Tracing*, supra note 80 (stating that contact tracing is “[a] core disease control measure employed by local and state health department personnel for decades . . .”).

82. Paige Winfield Cunningham, *The Health 202: U.S. Isn’t Ready for the Contact Tracing it Needs to Stem the Coronavirus*, WASH. POST (June 15, 2020), <https://www.washingtonpost.com/news/powerpost/paloma/the-health-202/2020/06/15/the-health-202-u-s-isn-t-ready-for-the-contact-tracing-it-needs-to-stem-the-coronavirus/5ee6528b602ff12947e8c0d7/> [<https://perma.cc/N934-GJQJ>] (noting that “[s]tates and localities largely haven’t assembled the teams necessary to carry [contact tracing] out on a scale that public health experts say is necessary.”); Joel Achenbach, William Wan, Karin Brulliard & Chelsea Janes, *The Crisis That Shocked the World: America’s Response to the Coronavirus*, WASH. POST (July 19, 2020), <https://www.washingtonpost.com/health/2020/07/19/coronavirus-us-failure/> [<https://perma.cc/H89Y-U54S>] (noting that contact tracing has been rendered “ineffectual”).

83. See, e.g., Kathryn Vasel, *Contact Tracing Could Become a Regular Part of Office Life. Here’s How it Will Work*, CNN (June 10, 2020, 4:35 PM), <https://www.cnn.com/2020/06/10/success/employee-contact-tracing/index.html> [<https://perma.cc/WX4U-B4QF>].

84. See *Guidelines for Opening Up America Again*, WHITE HOUSE (2020), <https://www.whitehouse.gov/openingamerica/> [<https://perma.cc/48TY-BLY4>].

to provide notice of employee infections.⁸⁵ Staffing companies have already begun marketing contact tracing solutions to businesses,⁸⁶ while technology firms have announced new contact-tracing platforms.⁸⁷ These systems build on existing technologies that have allowed employers to monitor employees for years.⁸⁸

Commentators have encouraged employers to develop contact tracing systems, even if purely voluntary for employees, in order to fulfill their duties under other laws to provide a safe workplace.⁸⁹ In order to implement a system of contact tracing, the employer must have two pieces of information: the results from SARS-CoV-2 testing, and the people with whom the employee has come into contact. HIPAA applies when a healthcare provider discloses PHI in the form of a positive COVID-19 diagnosis.⁹⁰ As discussed in Part II, disclosing such results to the employer is likely permitted, even without patient authorization, where the test was

85. See Charcour Koop, *Hairstylist with COVID-19 Served 84 Clients While Symptomatic, Missouri Officials Say*, KANSAS CITY STAR (May 22, 2020, 6:25 PM), <https://www.kansascity.com/article242946596.html>; Katherine J. Wu, *2 Stylists Had Coronavirus, but Wore Masks. 139 Clients Didn't Fall Sick.*, N.Y. TIMES (July 14, 2020), <https://www.nytimes.com/2020/07/14/health/coronavirus-hair-salon-masks.html> [<https://perma.cc/S56Z-SWMR>].

86. See, e.g., *Contact Tracing Employer: Taking the Initiative to Help Your Business get Back in Action*, NAT. VETTED TALENT STAFFING, <https://nvtstaffing.com/contact-tracing/> [<https://perma.cc/25SM-Q9C4>] (marketing the website owner's services as "an elite contact tracer employer operating nationwide" that is the "go-to contact tracing employer [who] will find trained and qualified professionals for you to ensure [that contact-tracing] protocols are implemented for the safety of all.") (emphasis omitted).

87. See, e.g., *FaceDrive Health's Contact Tracing Platform, "TraceSCAN" to Help Mitigate and Forecast Future COVID-19 Outbreaks*, BUSINESS WIRE (May 28, 2020, 7:00 AM), <https://www.businesswire.com/news/home/20200528005281/en/> [<https://perma.cc/RF7B-H92Y>] (announcing a new contact-tracing technology product as "[a] comprehensive solution that combines a smart contact tracing app, wearable technology and artificial intelligence . . ." that is "[a]vailable for businesses as an additional health and safety measure provided by responsible employers to their employees . . .").

88. See, e.g., David Kravets, *Worker Fired for Disabling GPS App that Tracked Her 24 Hours a Day*, ARS TECHNICA (May 11, 2015, 9:41 AM), <http://arstechnica.com/tech-policy/2015/05/worker-fired-for-disabling-gps-app-that-tracked-her-24-hours-a-day> [<https://perma.cc/PJC5-W24V>].

89. See, e.g., Lauren Holman, *Is Contact Tracing the Right Tool for Your Company to Help Combat COVID-19 Spread?*, OCCUPATIONAL HEALTH & SAFETY MAGAZINE (May 28, 2020), <https://ohsonline.com/articles/2020/05/28/is-contact-tracing-the-right-tool-for-your-company-to-help-combat-covid19-spread.aspx> [<https://perma.cc/C4EQ-KUQF>]. For example, the general duty clause of the OSH Act requires that employers provide employees with a safe work environment free of recognized hazards. See 29 U.S.C. § 654(a)(1).

90. Except for where permitted, covered entities must receive patient authorization before disclosing PHI. 45 C.F.R. § 164.508(a)(1) (2018).

mandated by the employer. However, employers otherwise need patient authorization to get such information.⁹¹ The CDC does not recommend that employers mandate employee authorization or self-disclosure of test results, instead urging employers to “talk with . . . employees about planned changes and seek their input” and to “collaborate with employees and unions to effectively communicate important COVID-19 information.”⁹²

The second piece of information is to determine who the employee has been in close contact with, and therefore might have infected. In the past, tracing efforts were “analog” in that they involved manually recording a person’s contacts, either through observation or from recollection. However, “digital” contact tracing efforts have revolutionized the field, allowing for automatic tracing and recording of a person’s actions and the people with whom they came into contact.⁹³ A variety of phone applications use proximity-based technology (usually Bluetooth or Wi-Fi signals) or geolocation data (such as GPS) and are marketed to both employers and public health authorities.⁹⁴

When it comes to employee location data, U.S. law has relatively weak privacy protections in place regarding the collection and use of this data.⁹⁵ A great deal of employee monitoring already takes place through phones,

91. *Id.* § 164.502(a)(1)(iv). Test results coming directly from a laboratory to the employer would also require patient consent under the Clinical Laboratory Improvement Amendments of 1988. 42 C.F.R. § 493.1291(l) (2019).

92. CDC, *Interim Guidance for Businesses and Employers*, *supra* note 6.

93. JEFFREY KAHN & JOHNS HOPKINS PROJECT ON ETHICS AND GOVERNANCE OF DIGITAL CONTACT TRACING TECHNOLOGIES, DIGITAL CONTACT TRACING FOR PANDEMIC RESPONSE: ETHICS AND GOVERNANCE GUIDANCE 1 (2020), <https://muse.jhu.edu/book/75831/pdf> [<https://perma.cc/34K3-R8VG>] (noting that digital contact tracing tools “have been used in several countries as part of broader disease surveillance and containment strategies,” “[are] almost certain [to] become part of not only the COVID-19 response but also the larger toolbox for future public health communicable disease prevention and control,” and that such “technologies have significant promise”).

94. See Nancy Cleeland, *Contact Tracing for Employers*, SOC’Y FOR HUM. RES. MGMT. (June 2, 2020), <https://www.shrm.org/resourcesandtools/hr-topics/employee-relations/pages/contact-tracing-employers.aspx> [<https://perma.cc/UT9L-5QXU>]; see also Taylor E. White, Carrie Hoffman & John Litchfield, *United States: Employer Use of Contact Tracing Apps: The Good, the Bad, and the Regulatory*, MONDAQ (July 9, 2020), <https://www.mondaq.com/unitedstates/health-safety/963394/employer-use-of-contact-tracing-apps-the-good-the-bad-and-the-regulatory> [<https://perma.cc/8KM4-Z9JZ>].

95. Ifeoma Ajunwa, Kate Crawford & Jason Schultz, *Limitless Worker Surveillance*, 105 CAL. L. REV. 735, 747 (2017) (“There are no federal laws that expressly address employer surveillance or limit the intrusiveness of such surveillance.”); Matthew T. Bodie, Miriam A. Cherry, Marcia L. McCormick & Jintong Tang, *The Law and Policy of People Analytics*, 88 U. COLO. L. REV. 961, 988 (2017) (“In the workplace, there is no legal protection against surveillance *per se*.”).

personal electronic devices, RFID chips, and video and audio recordings.⁹⁶ Although commentators have pushed for specific rules in conducting such monitoring, what currently exists is a patchwork of provisions that largely leave monitoring unregulated.⁹⁷ Several states require employers to follow certain protocols when electronically monitoring their employees. California makes it a misdemeanor to use an electronic tracking device to follow the location or movement of a person without her consent.⁹⁸ Connecticut requires employers to provide prior written notice of the monitoring,⁹⁹ while Delaware requires advance written notice which the employee must then acknowledge.¹⁰⁰ The relatively new California Consumer Privacy Act (CCPA) regulates the collection and use of information that includes information relevant to contact tracing: a person's name, geolocation data, and other professional or employment-related information.¹⁰¹ However, the CCPA currently exempts from most provisions of the law an employer's collection and use of employees' information in the context of the employment relationship.¹⁰² Even with this

96. See, e.g., Ellen Sheng, *Employee privacy in the US is at stake as corporate surveillance technology monitors workers' every move*, CNBC (July 22, 2019, 6:42 AM), <https://www.cnbc.com/2019/04/15/employee-privacy-is-at-stake-as-surveillance-tech-monitors-workers.html> [<https://perma.cc/H4ZB-DE2H>] (discussing employers' monitoring of employee-movement data, computer usage data, and calendar usage data; the development of workplace audio monitoring systems; the use of vehicle sensors by employers to monitor driver behavior; and employee badges equipped with RFID sensors and accelerometers).

97. See, e.g., Lewis Maltby, *Employment Privacy: Is There Anything Left?*, HUMAN RIGHTS MAGAZINE (May 1, 2013), https://www.americanbar.org/groups/crsj/publications/human_rights_magazine_home/2013_vol_39/may_2013_n2_privacy/employment_privacy/ [<https://perma.cc/H8XK-S772>] (advocating for a change in employment privacy law and outlining the three major employment privacy proposals introduced in Congress since 1990, all of which failed).

98. CAL. PENAL CODE § 637.7 (West 2020); see also Kendra Rosenberg, *Location Surveillance by GPS: Balancing an Employer's Business Interest with Employee Privacy*, 6 WASH. J. L. TECH. & ARTS 143, 149 (2010).

99. CONN. GEN. STAT. § 31-48d (2020); See *Gerardi v. City of Bridgeport*, 985 A.2d 328, 333–35 (Conn. 2010) (statute prohibited an employer from electronically monitoring an employee's activities without prior notice).

100. DEL. CODE ANN. tit. 19, § 705(b) (2020).

101. CAL. CIV. CODE § 1798.140(o) (West 2020). In addition, the CCPA only covers employers if they have a gross annual revenue of \$25 million or more, earn 50% or more of their annual revenues from selling consumers' personal information, or buy, sell, or receive the personal information of 50,000 or more consumers, households, or devices. *Id.* § 1798.140(c).

102. *Id.* § 1798.145(h) (excluding personal information collected “[b]y a business about a natural person in the course of the natural person acting as . . . an employee of . . . that business . . .”). It should be noted that this exemption is temporary and is currently set to expire on January 1, 2023. *Id.* § 1798.145(1)(A).

exemption, the CCPA still requires the employer to provide notice of data collection to its employees; this notice must include the type of personal information collected and its intended use.¹⁰³ The CCPA also requires the employer to adequately protect data collected by the employer, and employees may bring suit in the event of a data breach.¹⁰⁴

Employee consent would also likely clear any hurdles imposed by the Electronic Communications Privacy Act of 1986 (ECPA), which prohibits anyone, including employers, from intercepting “any wire, oral, or electronic communication” without appropriate justification.¹⁰⁵ An “intercept” is defined as the “aural or other acquisition of the contents of any wire, electronic, or oral communication through the use of any electronic, mechanical, or other device.”¹⁰⁶ ECPA would apply to data collected by a contact tracing app from an employee’s phone if the method of collection was considered to be an “intercept.” Courts have held that an employer’s automated logging of text messages and a website’s use of cookies have constituted an interception.¹⁰⁷ Keeping track of an employee’s movements through an automated system may be considered an interception if the method records the transmission while still in transit. However, if the employer merely reviews the results of the employee’s movements in a recorded state, a court might conclude there was no interception.¹⁰⁸ In addition, ECPA applies only to electronic communications, which are defined as “any transfer of signs, signals, writing, images, sounds, data, or intelligence of any nature.”¹⁰⁹ Depending on the method of data collection, there may not be any “communication.”¹¹⁰ Finally, ECPA provides that an

103. See *id.* §§ 1798.145(h)(3), 1798.100(b).

104. See *id.* §§ 1798.145(h)(3), 1798.150(a)(1).

105. 18 U.S.C. § 2511(1)(a).

106. *Id.* § 2510(4).

107. *Shefts v. Petrakis*, 758 F. Supp. 2d 620, 629–30 (C.D. Ill. 2010) (text messages); *In re Pharmatrak, Inc.*, 329 F.3d 9, 21–22 (1st Cir. 2003) (cookies).

108. Ajunwa, Crawford & Schultz, *supra* note 95, at 749 (“An employer need not intercept the electronic information employees send from work devices or even from personal devices. Technological advances mean that most electronic communications are stored in some form *after* they have been sent and even after the sender attempts to erase the information.”).

109. 18 U.S.C. § 2510.

110. Courts have ruled that some types of data ancillary to a communication do not, in and of themselves, constitute communications under the ECPA, and instead constitute records which are not subject to the law’s provisions. For example, the Ninth Circuit held that call data content, which is the information held by a telephone company about a telephone call’s origination, length, and duration, did not constitute an electronic communication under the ECPA. *U.S. v. Reed*, 575 F.3d 900, 914, 917 (9th Cir. 2009). And a district court in the Ninth Circuit held that cell-site location data (essentially a record

interception is lawful where one of the parties “has given prior consent to such interception.”¹¹¹ Consent may be actual or implied, and implied consent “is ‘consent in fact’ which is inferred ‘from surrounding circumstances indicating that the party knowingly agreed to the surveillance.’”¹¹² In employment contexts, courts have held that clear notice of employer monitoring, containing information regarding the manner of the monitoring and clear notice that the employee will be monitored personally, is sufficient to constitute consent under the ECPA.¹¹³

A truly comprehensive tracing program would also monitor employees’ activities while outside of work.¹¹⁴ Even here, the protections for employee privacy are uncertain. Employee contacts and location data would likely not be covered under HIPAA as PHI, as only in rare circumstances would it relate to the health condition of an individual.¹¹⁵ State “off-duty” activity laws protect employees from discipline or discharge due to recreational engagements or the use of legal products (such as alcoholic beverages or tobacco products).¹¹⁶ So workers might be protected against discharge for engaging in certain off-duty activities, such as going to a bar, but the employer could defend against a suit by claiming that its legitimate business needs required employees to refrain from such activities. And most state

of the cell phone’s unique identification number being transmitted to cell towers, resulting in a record of the approximate location of the cell phone based on the location of the cell towers) “does not constitute the contents of a communication” under the ECPA. *Cousineau v. Microsoft Corp.*, 992 F. Supp. 2d 1116, 1127 (W.D. Wash. 2012). Similarly, an employer-mandated contact-tracing app that keeps a record of all of the employee-user’s device’s Bluetooth “handshakes” (made with other, nearby Bluetooth devices), which record is later accessed by the employer, may not constitute a communication under the ECPA at all.

111. 18 U.S.C. § 2511(2)(a)(iii)(c).

112. *Williams v. Poulos*, 11 F.3d 271, 281 (1st Cir. 1993) (emphasis omitted) (quoting *Griggs-Ryan v. Smith*, 904 F.2d 112, 116–17 (1st Cir. 1990)).

113. *Id.* at 281–82. In a case involving telephone monitoring, where the telephone user was told several times that all calls would be monitored, the notice combined with the continued use of the telephone line was sufficient to constitute consent. *Griggs-Ryan*, 904 F.2d at 118.

114. See, e.g., Chip Cutter & Thomas Gryta, *As States Reopen, the Boss Wants to Know What You’re Up to This Weekend*, WALL ST. J. (May 28, 2020, 11:01 AM), <https://www.wsj.com/articles/the-boss-wants-to-know-what-youre-up-to-this-weekend-11590678062?https://perma.cc/B3N2-TWS2>.

115. See 45 C.F.R. § 160.103 (2019) (for example, if the employee went to a doctor’s office).

116. See, e.g., CAL. LAB. CODE § 98.6 (West 2020) (providing a private cause of action for discharges based on Cal. Labor Code § 96(k), which protects “[l]awful conduct occurring during nonworking hours away from the employer’s premises”); N.Y. LAB. LAW § 201-d(2)(c) (McKinney 2020) (outlawing discrimination because of “an individual’s legal recreational activities outside work hours, off of the employer’s premises and without use of the employer’s equipment or other property”); see generally Matthew T. Bodie, *The Best Way Out is Always Through: Changing the Employment At-Will Default Rule to Protect Personal Autonomy*, 2017 U. ILL. L. REV. 223, 253–55 (2017).

statutes allow an exception for employer actions based on their own legitimate interests.¹¹⁷ Given the severity of the pandemic and the extraordinary public health measures put in place by federal, state, and local authorities, courts would likely excuse employer's discipline to protect a tracing program as long as that program was focused solely on protecting health (and not ulterior motives).

An employer's contact-tracing efforts could also intrude upon an employee's seclusion. As discussed in Part II, the tort of intrusion upon seclusion requires an intentional and highly offensive intrusion upon the solitude or seclusion of another.¹¹⁸ Courts will not always find that employee consent absolves the employer from liability, especially if the employee was threatened with job loss for noncompliance.¹¹⁹ Employer privacy intrusions may be justified by legitimate employer interests, and the protection of fellow employees, customers, and the underlying business is a strong argument in favor of tracing.¹²⁰ Courts have found no liability in instances where employer vehicles were monitored, even if off duty.¹²¹ However, tracking an employee's off-duty movements may fall outside this justification, especially if the employer were to use the data for reasons other than addressing the pandemic.¹²²

If local or national governments develop their own contact tracing programs, employers may want employees to participate in these larger efforts. Advocacy organizations have pushed for any such programs to be

117. See COLO. REV. STAT. § 24-34-402.5(1) (West 2020) (permitting discipline or discharge if the requirement relates to “[a] bona fide occupational requirement or is reasonably and rationally related to the employment activities and responsibilities of a particular employee or a particular group of employees” or is “necessary to avoid a conflict of interest with any responsibilities to the employer”); see also Bodie, *supra* note 116, at 254 (noting that courts are wary to “infringe upon the employer's interests”).

118. RESTATEMENT (SECOND) OF TORTS § 652B (AM. L. INST. 1977); RESTATEMENT OF EMPLOYMENT LAW §§ 7.01, 7.06 (AM. L. INST. 2015).

119. RESTATEMENT OF EMPLOYMENT LAW § 7.06 cmt. h (AM. L. INST. 2015) (“In the employment context, employee consent obtained as a condition of obtaining or retaining employment is not effective consent to an employer intrusion and does not in itself provide a defense to wrongful intrusion under this Section.”).

120. See RESTATEMENT OF EMPLOYMENT LAW § 7.03 (AM. L. INST. 2015).

121. *Elgin v. St. Louis Coca-Cola Bottling Co.*, No. 4:05CV970-DJS, 2005 WL 3050633 (E.D. Mo. Nov. 14, 2005); *Tubbs v. Wynee Transp. Servs. Inc.*, No. H-06-0360, 2007 WL 1189640, at *10 (S.D. Tex. Apr. 19, 2007).

122. *Cf. Pulla v. Amoco Oil Co.*, 882 F. Supp. 836 (S.D. Iowa 1994), *aff'd in relevant part and rev'd in part*, 72 F.3d 648 (8th Cir. 1995), (potentially highly offensive for employer to access an employee's credit-card account to determine if he had used the card during his sick leave, and for what purposes).

completely voluntary.¹²³ However, these programs could be voluntary from the government’s perspective but required by employers. Businesses would have to weigh the health benefits to employees, customers, and the public against employee discontent and the lack of employer control over the program.

Once an employer has determined an employee’s contacts over the estimated period of infection, the employer must inform those contacts of the possibility of contagion. But disclosure via contact tracing is just one method of disclosure out of a wider array of potential notifications. We turn now to the issue of disclosure.

III. DISCLOSURE

The final step in a testing and tracing program is disclosure to individuals in the zone of possible contagion. Employees may be justifiably upset if not informed of co-worker infection. The OSH Act requires employers to keep their workplace free from any recognized hazards that cause or are likely to cause death or serious physical harm to employees.¹²⁴ OSHA has issued coronavirus-specific workplace-preparedness guidance directing employers to “develop policies and procedures for prompt identification and isolation of sick people.”¹²⁵ The guidance does not mention mandatory employee testing. However, if the employer does know that an employee has tested positive, there is a strong argument that the general duty clause¹²⁶ creates a responsibility to warn other employees in the workplace that they may have come in contact with someone diagnosed with COVID-19. Thus, employee privacy interests are balanced against practical, ethical, and even legal responsibilities to notify of potential illness transmission.

Under the ADA, “information obtained” through disability-related inquiries or medical examinations must be kept confidential and must be “collected and maintained on separate forms and in separate medical

123. Paul Schwartz, *Protecting Privacy on COVID-19 Surveillance Apps*, IAPP (May 8, 2020), <https://iapp.org/news/a/protecting-privacy-on-covid-surveillance-apps/> [https://perma.cc/J4EL-GS76] (identifying a “core set of best practices” for tracing programs, including voluntary choice, state-of-the-art data security, and data minimization and deletion protocols).

124. 29 U.S.C. § 654(a)(1).

125. OCCUPATIONAL SAFETY & HEALTH ADMIN., *supra* note 15.

126. 29 U.S.C. § 654(a)(1).

files.”¹²⁷ In its recent guidance in light of the pandemic, the EEOC elucidated several exceptions to the ADA’s confidentiality requirements, including notification to supervisors and managers in order to make necessary accommodations, as well as communication with state agencies in accordance with workers’ compensation laws.¹²⁸ The guidance further reiterates that the ADA’s confidentiality requirements and its limited exceptions apply to employers who gather information through allowable disability-related inquiries and medical examinations such as temperature checks and COVID-19 symptom screenings.¹²⁹ Courts have held that the ADA’s confidentiality protections apply to all employees and applicants, not just those with a disability.¹³⁰

The ADA’s confidentiality provisions undoubtedly apply to testing information that the employer receives through an employer-mandated test. However, information that is disclosed by the employee voluntarily may not be protected. This question is far from academic, as employees may frequently get tested outside of work but then notify their employers about the results.¹³¹ The EEOC’s pandemic guidance states that if an employee voluntarily discloses a specific medical condition or disability outside of a disability-related inquiry, “the employer must keep this information confidential.”¹³² Courts, however, have held that voluntarily disclosed information, provided to an employer outside of the context of a disability-related inquiry or medical examination, is not subject to the ADA’s protections.¹³³ These cases may be distinguishable, if only because they do not involve the novel coronavirus; employees likely feel more of a personal and public health obligation to disclose their diagnosis even if not directly

127. 42 U.S.C. § 12112(d)(3)(B); 29 C.F.R. § 1630.14(c) (2019).

128. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at n.19.

129. *Id.* §§ II.A.2 & III.B.6-7.

130. *See, e.g.*, *Cossette v. Minn. Power & Light*, 188 F.3d 964, 969–70 (8th Cir. 1999).

131. *See, e.g.*, Complaint at 21, *Palmer v. Amazon.com, Inc.*, 2020 WL 2967912, No. 1:20-cv-02468-BMC, Doc. #1 (E.D.N.Y. June 3, 2020), <https://www.publicjustice.net/wp-content/uploads/2020/06/Palmer-v.-Amazon-filed-complaint.pdf> [https://perma.cc/965N-UVSX] (stating that an Amazon employee who visited a medical clinic outside of work for a COVID-19 test and subsequently tested positive “promptly sent [instant] messages to human resources staff letting them know about her positive test”).

132. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, at § III.B.9.

133. *EEOC v. Thrivent Fin. for Lutherans*, 700 F.3d 1044, 1046 (7th Cir. 2012) (employee disclosure of migraines subsequently disclosed to prospective employers); *EEOC v. C.R. England, Inc.*, 644 F.3d 1028, 1032–33 (10th Cir. 2011) (employee disclosure of HIV-Positive status subsequently disclosed to another employee); *Cash v. Smith*, 231 F.3d 1301, 1307–08 (11th Cir. 2000).

asked. Given the EEOC's guidance, confidentiality is likely called for even outside of a medical examination or inquiry.

The ADA is also unclear about the extent to which a positive diagnosis can be disclosed. The Act itself does not explicitly allow for employers to notify public health officials. Without elaborating further, the EEOC, however, has stated in recent guidance that employers may "disclose the name of an employee to a public health agency when it learns that the employee has COVID-19."¹³⁴ ADA regulations do state that "it may be a defense to a charge of discrimination under this part that a challenged action is required or necessitated by another Federal law or regulation."¹³⁵ This would appear to allow an employer to disclose an employee's COVID-19 diagnosis to the CDC or another federal agency if required to do so. However, there does not appear to be any federal requirement for employers to notify health authorities: the CDC only instructs employers to send sick employees home, notify potentially exposed employees, and follow cleaning and disinfection recommendations to prevent further spread within the workplace,¹³⁶ while OSHA guidance instructs employers to develop policies and procedures to identify and isolate sick employees before removing them from the worksite.¹³⁷ Nevertheless, the EEOC's recent guidance states that "the ADA does not interfere with employers following recommendations of the CDC or public health authorities, and employers should feel free to do so."¹³⁸ Ultimately, this may be a non-issue in certain jurisdictions: testing providers are unlikely to be an individual's employer and thus are not subject to ADA confidentiality rules in this context. Testers are also likely required to disclose positive results to public health authorities under local or state public health orders, thus absolving employers of the responsibility to do so.¹³⁹

134. EEOC, *What You Should Know About COVID-19 and the ADA*, *supra* note 31.

135. 29 C.F.R. § 1630.15(e) (2019). Courts have held that there is no conflict between ADA confidentiality provisions and requirements under other federal laws to disclose employee medical information. *See Big Ridge, Inc. v. Fed. Mine Safety and Health Review Comm'n*, 715 F.3d 631, 656 (7th Cir. 2013) (finding no conflict between the ADA's confidentiality provisions and the Mine Safety and Health Administration's requirement to inspect and copy employee medical records as required under the federal Mine Safety Act). Additionally, the EEOC states that "the ADA does not interfere with employers following recommendations of the CDC or public health authorities, and employers should feel free to do so." EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, § III.B.18.

136. CDC, *Interim Guidance for Businesses and Employers*, *supra* note 6.

137. OCCUPATIONAL SAFETY & HEALTH ADMIN., *supra* note 15, at 9-10.

138. EEOC, *Pandemic Preparedness in the Workplace*, *supra* note 22, § III.B.18.

139. *See, e.g., Rapid Notification Order*, ST. LOUIS CNTY. DEP'T OF PUB. HEALTH (Mar. 31, 2020),

Current CDC guidance encourages employers to perform contact tracing and inform workers of any potential exposure to COVID-19.¹⁴⁰ However, employers should take care that contact tracing preserves the confidentiality of the infected individual to the extent possible.¹⁴¹ In a coronavirus webinar, the EEOC stated that notification of the identity of the individual with COVID-19 should only be made to officials within the employer’s organization on a “need to know” basis, and contacted individuals should only be informed of the potential transmission—not the infected individual’s identity.¹⁴² While in smaller organizations, employees may be able to infer the identity of the employee who tested positive, employers are prohibited from confirming or otherwise revealing the employee’s identity.¹⁴³ The importance of confidentiality is highlighted in past EEOC guidance for restaurants relating to foodborne illnesses, which states that “the ADA prohibits [the employer] from disclosing the name of the employee who may have caused the exposure to a food-related disease” and states that employers “may inform your other employees that they may have been exposed and may have to be tested.”¹⁴⁴

Therefore, while employers should alert individuals who were likely exposed to the novel coronavirus by an employee, they should do so in a

<http://stlcorona.com/dr-pages-messages/public-health-orders/director-of-public-health-rapid-notification-order/> [<https://perma.cc/9EY8-YS9L>] (requiring any healthcare provider or laboratory company who receives a positive test result for COVID-19 to immediately electronically report the finding to the Department of Public Health, but no later than six hours after receiving the notification of the positive test result). The public health exception allows covered entities to disclose PHI for health oversight activities, defined as disclosure “to a health oversight agency for oversight activities authorized by law . . . necessary for appropriate oversight of the health care system . . .” 45 C.F.R. § 164.512(d) (2002). HHS issued coronavirus-specific guidance in February 2020 explicitly stating that “the Privacy Rule permits covered entities to disclose needed protected health information without individual authorization . . . [t]o a public health authority, such as the CDC or a state or local health department.” See HHS Bulletin, *supra* note 53.

140. See CDC, *Interim Guidance for Businesses and Employers*, *supra* note 6.

141. CDC, *Interim Guidance for Businesses and Employers*, *supra* note 6. Employer contact tracing also cautions employers to “maintain confidentiality as required by the Americans with Disabilities Act.” *Id.*

142. Equal Emp. Opportunity Comm’n, *COVID-19 “Ask the EEOC” Webinar*, YOUTUBE, at 12:20 (Mar. 27, 2020), <https://www.youtube.com/watch?v=i8bHOtOFfJU> [<https://perma.cc/ZY4S-TECU>].

143. *Id.*; see also EQUAL EMP. OPPORTUNITY COMM’N, HOW TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT: A GUIDE FOR RESTAURANTS AND OTHER FOOD SERVICE EMPLOYERS § 11 (May 09, 2019), <https://www.eeoc.gov/fact-sheet/how-comply-americans-disabilities-act-guide-restaurants-and-other-food-service-employers> [<https://perma.cc/K4TP-TVHK>].

144. EQUAL EMP. OPPORTUNITY COMM’N, *supra* note 143.

manner that preserves the confidentiality of the identity of the individual to comply with the ADA. By anonymizing this information, employers can provide this warning in a way that avoids it being classified as protected health information (PHI) under HIPAA.¹⁴⁵ Keep in mind, however, that, as discussed in Part II, HIPAA only applies to employers who are health care providers or self-insurers of health care plans, and employment-related information is not covered.¹⁴⁶

Employers may also be liable under tort law for disclosing employee health information. The tort of public disclosure of private facts prohibits giving publicity to private matters if the matter is not a public concern and such disclosure is highly offensive.¹⁴⁷ The Restatement of Employment Law applies this tort to information that the employee provided in confidence to the employer, unless the employee has consented to its disclosure.¹⁴⁸ Courts have found that disclosing an employee's medical information can be tortious in certain contexts, and not in others.¹⁴⁹ HHS has determined that the COVID-19 pandemic “does not alter the HIPAA Privacy Rule’s existing restrictions on disclosures of PHI to the media.”¹⁵⁰ Although HIPAA does not control the common law, this advice may provide some context for what a reasonable employer would do and what might be considered “highly offensive.”

Two factors are likely to be meaningful to potential liability under the public disclosure tort. First, because anonymous disclosure is likely to suffice in providing sufficient warning to potentially infected individuals,

145. PHI, as defined by HIPAA, requires that the information identifies or “can be used to identify” an individual. 45 C.F.R. § 160.103 (2019). Therefore, even if employers do not directly identify an individual, it is important for employers to sufficiently anonymize the information provided to other employees. *See id.*

146. *Ehrlich v. Union Pac. R.R. Co.*, 302 F.R.D. 620, 628 (D. Kan. 2014) (“[T]here are no federal statutes generally prohibiting the release of medical records by an employer The privacy rule of [HIPAA] does not directly regulate employers or other plan sponsors that are not HIPAA covered entities.”).

147. RESTATEMENT (SECOND) OF TORTS § 652D (AM. L. INST. 1977).

148. RESTATEMENT OF EMPLOYMENT LAW § 7.05 (AM. L. INST. 2015).

149. *Compare French v. U.S. ex rel. Dep’t of Health & Hum. Servs.*, 55 F. Supp. 2d 379 (W.D.N.C. 1999) (finding disclosure of employee medical information to potential employer stated a claim in tort), *with Fletcher v. Price Chopper Foods of Trumann, Inc.*, 220 F.3d 871, 879 (8th Cir. 2000) (employer investigation of employee staph infection was justified based on “concern for public health”).

150. *See OCR Issues Guidance on Covered Health Care Providers and Restrictions on Media Access to Protected Health Information about Individuals in Their Facilities*, DEP’T OF HEALTH & HUM. SERVS. (May 5, 2020), <https://www.hhs.gov/sites/default/files/guidance-on-media-and-film-crews-access-to-phi.pdf> [<https://perma.cc/4H9E-M4XJ>].

an employer would need additional public health justification to release the employee's name. True, there may be some situations where even an anonymous disclosure reveals identity.¹⁵¹ But employers have generally balanced the need for specificity of time and location in information with the interest of privacy. Second, the scope of the disclosure matters. The traditional publicity tort requires public disclosure—namely, “communicating it to the public at large, or to so many persons that the matter must be regarded as substantially certain to become one of public knowledge.”¹⁵² However, a set of courts along with the Restatement of Employment Law have adopted a “special relationship” approach which allows for liability when there is disclosure to a small but particularly relevant or salient group.¹⁵³ Disclosure to fellow employees has been found to be a particularly relevant group.¹⁵⁴

One final area of potential liability is the potential for unwanted disclosure of employee health data through a data breach. Keeping data on employee health outcomes and geographical movements puts employers at risk of both intentional hacking as well as unintentional release of data by employees or third-party contractors. All fifty states have data breach notification requirements covering the escape of sensitive data, although these statutes focus on the type of identifying information that facilitates identity theft.¹⁵⁵ Nevada currently requires organizations handling personal information to adopt “reasonable data security measures” to protect the information from unauthorized access,¹⁵⁶ as do Oregon¹⁵⁷ and New York,¹⁵⁸ while Rhode Island requires organizations to adhere to several data security

151. This is a growing problem in big data as well. See Paul Ohm, *Broken Promises of Privacy: Responding to the Surprising Failure of Anonymization*, 57 UCLA L. REV. 1701 (2010).

152. RESTATEMENT (SECOND) OF TORTS §§ 652D, cmt. a (AM. L. INST. 1977).

153. See, e.g., *Beaumont v. Brown*, 257 N.W.2d 522, 531 (Mich. 1977), *overruled on other grounds* by *Bradley v. Saranac Cnty. Sch. Bd. of Educ.*, 565 N.W.2d 650 (1997); RESTATEMENT OF EMPLOYMENT LAW § 7.04 (AM. L. INST. 2015).

154. See *Beaumont*, 257 N.W.2d at 531 (calling “fellow employees” one example of a group to whom disclosure might be embarrassing); *Miller v. Motorola, Inc.*, 560 N.E.2d 900, 903 (Ill. App. Ct. 1990) (disclosure of mastectomy to other employees was sufficient publicity under the tort).

155. Under Missouri data breach laws, for example, “personal information” is defined as first and last name in combination with a Social Security, driver’s license, or other government identification number, financial account or credit/debit card number, or medical or health insurance information. MO. REV. STAT. § 407.1500.1(9) (2009).

156. NEV. REV. STAT. § 603A.210.1 (2006). This statute was effective until December 31, 2020.

157. OR. REV. STAT. § 646A.622 (2020).

158. N.Y. GEN. BUS. LAW § 899-bb.2 (McKinney 2020).

principles including “[implementing] and [maintaining] a risk-based information security program.”¹⁵⁹

Data security is critical. The overall stress of the pandemic, combined with the pressure of getting sensitive information to critical individuals in a timely way, may lead employees to cut corners or neglect security protocols. To reduce the potential for risk, employers can: minimize the data collected (e.g., do not collect individual employee temperatures); develop rigorous policies for handling the data; train employees on good security habits; use encryption or other cybersecurity techniques when storing employee data; and have a notification regime in place to meet the requirements for national and state data breach notification statutes, which are often time-sensitive.¹⁶⁰

CONCLUSION

Given the failure of the federal government to develop a cohesive national pandemic strategy, as well as the wide variation in the effectiveness and seriousness of state and local public health efforts, employers would be prudent to develop their own testing, tracing, and disclosure systems in order to prevent widespread workplace outbreaks. This is especially critical for employers whose employees cannot work from home. U.S. law generally affords a wide deference to employers in developing and implementing their own systems of testing, tracing, and disclosure. At the same time, there are important rules to follow in managing such sensitive employee information. While the patchwork of federal and state laws creates a confusing legal landscape for employers, those that follow best practices will generally find themselves within the confines of the law. Critical steps include: providing clear notice to employees about what is

159. 11 R.I. GEN. LAWS § 11-49.3-2 (2020).

160. See, e.g., 45 C.F.R. § 164.402 (2019) (breach notification regulation in the case of breach of personal health information by a HIPAA covered entity); ALA. CODE §§ 8-38-1—8-38-12 (breach statute triggered by “breach of system security;” requires the covered entity to give notice “in the most expedient time and manner possible” or within 45 days if discovered by a third party; entity must also notify state attorney of any breach involving 1,000 or more residents); R.I. GEN. LAWS §§ 11-49.3-1—11-49.3-6 (triggered by a “breach of the security of the system,” requires the covered entity to give notice in the most expedient time possible but no later than 45 days after confirming the breach; entity must also notify state attorney general of any breach involving more than 500 residents). For an overview of state data breach notification laws, see Nat’l Conf. of State Legislatures, *Security Breach Notification Laws* (last accessed July 22, 2020), <https://www.ncsl.org/research/telecommunications-and-information-technology/security-breach-notification-laws.aspx> [<https://perma.cc/GC5J-TEJ2>].

required of them and how the employer will use employees' personal information; limiting sharing of personal information to those who "need to know;" crafting disclosures that protect individual privacy while promptly alerting affected employees of potential virus exposure; and maintaining strong data security systems and practices. A haphazard approach to testing, tracing, and disclosure can result in costly liability. Those employers who engage in thoughtful development and implementation of their COVID-19 prevention and mitigation efforts can both avoid costly legal entanglements and be rewarded with the preservation of their business operations to the extent possible in the current pandemic environment.

