

## **Exhibit D – California Integrated Infectious Disease Data Warehouse**

This California Integrated Infectious Disease Data Warehouse (I2D2) Exhibit in conjunction with the Center for Infectious Diseases General Data Use and Disclosure Agreement (Agreement) sets forth the requirements CDPH and Recipient are obligated to follow with respect to all I2D2 Data (as defined herein) maintained within I2D2. In order to access, view, add, and/or modify I2D2 Data, Recipient agrees to all terms, conditions, and limitations of Recipient's access, use, and disclosure of the I2D2 Data as set forth in the Agreement and this Exhibit.

- I. **Background and Purpose:** I2D2 centralizes, transforms, and shares data from state and local disease reporting systems so they are aligned and standardized yielding a statewide infectious disease data resource. This means all infectious disease data analyses, analytic models, dashboards, and reports can be sourced from the same data source. A single centralized dataset also enables centralized data quality control and data processing so corrections and improvements can be applied and deployed in one place at one time, significantly reducing effort and complications for data users. This is especially beneficial for Recipients with limited data analysis capacity. Epidemiologists and modelers mostly access the data via an ODBC connection with Snowflake. Some users also use the Snowflake web interface for analysis. Access to I2D2 by Recipient staff is intended to increase scalability and standardization of infectious disease monitoring, accessibility regardless of a user's skillset, automation of data usage, collaboration between users, and efficiency of reporting. Additionally, it will provide a single source for analysis, dashboards, and reports.
  
- II. **Definitions:** For purposes of this Exhibit, the following definitions shall apply in addition to those set forth in the Agreement:
  - A. **California Immunization Registry (CAIR):** "CAIR" means data uploaded to CAIR2 and Health Futures IIS pursuant to Health and Safety Code (HSC) § 120440(c), which is maintained in the statewide IIS referred to as CAIR supported and maintained by CDPH's Immunization Branch.
  
  - B. **California Reportable Disease Information Exchange (CalREDIE):** "CalREDIE" means data in the statewide reportable disease database supported and maintained by CDPH including demographic, epidemiologic (including clinical information, risk factor information, and laboratory test result information), and administrative information on reportable diseases collected for the purposes of case investigation, disease prevention, and surveillance.
    1. CalREDIE Data specifically includes information contained in or derived from the following:
      - a. Confidential Morbidity Report (CMR) required by Title 17 of the California Code of Regulations (CCR) sections 2500, 2593, 2641.5-2643.20, and 2800-2812 Reportable Diseases and Conditions.
      - b. Laboratory Test and Result information required by Title 17 of the CCR sections 2505 and 2641.5 - 2643.20.
      - c. Communicable Disease Control Report Forms (required for specific diseases and conditions that are mandated by state law and regulations to be reported by healthcare providers and laboratories to local health officers.
  
  - C. **I2D2 Data:** "I2D2 Data" means the data maintained in I2D2, which is derived from CAIR, CalREDIE, IRIS, NHSN, WebCMR, SaPHIRE, WSS, Kaiser NorCath, and VR (as those systems are defined herein).

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- D. Los Angeles County Integrated Reporting, Investigation, and Surveillance (IRIS) system: “IRIS” means the electronic reporting system for communicable diseases. Its main purpose is to make disease reporting, investigation, and tracking more efficient for Disease Control Programs in Los Angeles County. IRIS contains information for the full investigative cycle of a disease or outbreak from date of onset to the final resolution.
  - E. National Healthcare Safety Network (NHSN): “NHSN” means the Center for Disease Control’s healthcare-associated infection tracking system. Specifically, for the purposes of this Exhibit, it refers only to NHSN’s aggregated hospitalization data for COVID, Flu, and RSV.
  - F. San Diego County WebCMR (WebCMR): “WebCMR” means the communicable disease registry system maintained by San Diego County, which supports public health disease surveillance and investigation. It is linked to an electronic laboratory reporting system, which allows laboratories to electronically send public health reports that identify conditions that are notifiable.
  - G. Surveillance and Public Health Information Reporting and Exchange – Testing Observations Results Exchange (“SaPHIRE-TORX”): “SaPHIRE-TORX” means the electronic lab result data and electronic initial case report for COVID.
  - H. Wastewater Sewer Shed (WSS): “WSS” means the wastewater sewer shed facility meta data for de-identified sewer specimen sample information.
  - I. Kaiser NorCath: Kaiser NorCath is aggregate de-identified hospitalization data for respiratory viruses.
  - J. Vital Records (VR): “VR” means the non-confidential portion of birth, death, and fetal death certificates.
- III. Legal Authority for Collection, Use and Disclosure of I2D2 Data: The legal authority for CDPH and Recipient to use I2D2 Data include the following:
- 1. CA Civil Code § 1798.24(e)
  - 2. CA HSC § 120125
  - 3. CA HSC § 120130
  - 4. CA HSC § 120140
  - 5. CA HSC § 120185
  - 6. CA HSC § 120190
  - 7. CA CCR Title 17 § 2500
  - 8. CA CCR § 2502
  - 9. CA CCR § 2505
- IV. Permitted Use and Disclosures: Recipient and its Workforce Members and agents, shall safeguard the I2D2 Data to which they have access from unauthorized disclosure. Recipient, and its Workforce Members and agents, shall not disclose any I2D2 Data for any purpose other than carrying out the Recipient’s obligations under the statutes and regulations set forth in this Exhibit, or as otherwise allowed or required by state or federal law.
- V. Restricted Disclosures and Uses: Recipient shall limit the access it provides to its workforce members and agents to the minimum necessary.

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- VI.** Disclaimer: CDPH makes no warranty or representation that compliance by Recipient with this Agreement or Exhibit will be adequate or satisfactory for Recipient's own purposes or that any information in Recipient's possession or control, or transmitted or received by Recipient, is or will be secure from unauthorized use or disclosure. Recipient is solely responsible for all decisions made by Recipient regarding the safeguarding of I2D2 Data.
- VII.** Training: Recipient is responsible for assuring all of its Workforce Members granted access to I2D2 Data will have completed all training CDPH requires a user to complete in order to access the data in its original system.
- VIII.** HIV Confidentiality Statement: Recipient is responsible for assuring all of its Workforce Members who may access confidential HIV-related public health records have signed the CDPH Office of AIDS' Confidentiality Agreement. This requirement applies regardless of whether the access is an essential or incidental part of their work.
- IX.** Contact Information: To direct communications to the other party regarding this Exhibit, CDPH or Recipient shall use the contact information below. The Parties reserve the right to make changes to the contact information below by verbal or written notice. Changes do not require an amendment to this Agreement.

<b>CDPH Program Manager</b>	<b>CDPH Privacy Officer</b>	<b>CDPH Chief Information Security Officer and CDPH IT Service Desk</b>
Emilia Reilly, MPH Assistant Programmatic Branch Chief Informatics Branch Div. Communicable Disease Ctrl. Center for Infectious Disease Ca. Dept. of Public Health  Email: <a href="mailto:Emilia.Reilly2@cdph.ca.gov">Emilia.Reilly2@cdph.ca.gov</a> Telephone: (279) 203-8613	<b>Privacy Officer</b> Privacy Office c/o Office of Legal Services CA Dept. of Public Health P.O. Box 997377, MS 0506 Sacramento, CA 95899-7377  Email: <a href="mailto:privacy@cdph.ca.gov">privacy@cdph.ca.gov</a> Telephone: (877) 421-9634	<b>Chief Information Security Officer</b> Information Security Office California Dept. of Public Health P.O. Box 997413, MS 6300 Sacramento, CA 95899-7413  Email: <a href="mailto:cdph.infosecurityoffice@cdph.ca.gov">cdph.infosecurityoffice@cdph.ca.gov</a> Telephone: (800) 500-0016
<b>Recipient Program Manager</b>	<b>Recipient Privacy Officer</b>	<b>Recipient Information Security Officer</b>
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