

Copy PIA (Privacy Impact Assessment)

Do you want to copy this PIA ?

Please select the user, who would be submitting the copied PIA.

Instructions


Review the following steps to complete this questionnaire:

- 1) Answer questions.** Select the appropriate answer to each question. Question specific help text may be available via the  icon. If your answer dictates an explanation, a required text box will become available for you to add further information.
- 2) Add Comments.** You may add question specific comments or attach supporting evidence for your answers by clicking on the  icon next to each question. Once you have saved the comment, the icon will change to the  icon to show that a comment has been added.
- 3) Change the Status.** You may keep the questionnaire in the "In Process" status until you are ready to submit it for review. When you have completed the assessment, change the Submission Status to "Submitted". This will route the assessment to the proper reviewer. Please note that all values list questions must be answered before submitting the questionnaire.
- 4) Save/Exit the Questionnaire.** You may use any of the four buttons at the top and bottom of the screen to save or exit the questionnaire. The button allows you to complete the questionnaire. The button allows you to save your work and close the questionnaire. The button allows you to save your work and remain in the questionnaire. The button closes the questionnaire without saving your work.

Acronyms

ATO - Authorization to Operate
CAC - Common Access Card
FISMA - Federal Information Security Management Act
ISA - Information Sharing Agreement
HHS - Department of Health and Human Services
MOU - Memorandum of Understanding
NARA - National Archives and Record Administration
OMB - Office of Management and Budget
PIA - Privacy Impact Assessment
PII - Personally Identifiable Information
POC - Point of Contact
PTA - Privacy Threshold Assessment
SORN - System of Records Notice
SSN - Social Security Number
URL - Uniform Resource Locator

General Information

PIA Name:	CDC - SciComp - QTR3 - 2024 - CDC8508222	PIA ID:	2241909
Name of Component:	CDC - SciComp	Name of ATO Boundary:	SciComp
Overall Status:		PIA Queue:	
Submitter:		# Days Open:	76
Submission Status:	Re-Submitted	Submit Date:	10/8/2024
Next Assessment Date:	N/A	Expiration Date:	1/1/2100
Office:		OPDIV:	CDC
Security Categorization:	Moderate	OpDiv PIA ID:	CDC8508222
Legacy PIA ID:		Make PIA available to Public?:	Yes
1:	Identify the Enterprise Performance Lifecycle Phase of the system.		Operations and Maintenance
2:	Is this a FISMA-Reportable system?		Yes
3:	Does the system have or is it covered by a Security Authorization to Operate (ATO)?		Yes
4:	ATO Date or Planned ATO Date.		11/28/2024
5:	Is the system or electronic information collection, agency or contractor operated?		Agency

PTA

PTA		
PTA - 2:	Indicate the following reason(s) for this PTA. Choose from the following options.	PIA Validation (PIA Refresh)
PTA - 2A:	Describe in further detail any changes to the system that have occurred since the last PIA.	The system is in the process of operating system upgrade. the functionality and data stored within the system will not change during this process. The previous PIA is being updated to reflect that non-sensitive business contact information (name, email-address, USER ID, and branch) are now considered PII.
PTA - 3:	Is the data contained in the system owned by the agency or contractor?	Agency
PTA - 4:	Please give a brief overview and purpose of the system by describing what the functions of the system are and how the system carries out those functions.	Scientific Computing (SciComp) is a science driven, high performance computing system and virtualized environment that provides software and services to support scientific computing and the advanced molecular detection (AMD) initiative at CDC. SciComp enables CDC scientists, researchers and analysts to deploy, execute, and share bioinformatic data. The system itself is a data processing engine for non-sensitive, de-identified genomics data where scientific instruments generate raw data from physical lab samples, convert those into digital media, and then store that information for further data analysis.

PTA - 5:

List and/or describe all the types of information that are collected (into), maintained, and/or shared in the system regardless of whether that information is PII and how long that information is stored.

SciComp uses bioinformatics and scientific computing tools to collect de-identified genomic sequence data and digital images for analytical discovery, and Next Generation Sequencing pre-decisional research support. Specifically, SciComp collects unidentified genomic sequence data, digital images, Next Generation Sequencing data, data management, and analytical manipulation results; it also processes genomic and phenotypic sources for continued and future research analysis and study. There is no identifiable information collected or stored by SciComp. The information itself is primarily in the form of large image files generated from genomic sequences in a read only format. These images are of the nucleic breakdown of viruses and bacteria.

Non-sensitive Business Contact Information for the system users (name, email-address, user ID, and branch) is also collected for the execution and maintenance of various jobs.

PTA - 5A:

Are user credentials used to access the system?

PTA - 5B:

Please identify the type of user credentials used to access the system.

PTA - 6:	Describe why all types of information is collected (into), maintained, and/or shared with another system. This description should specify what information is collected about each category of individual.	<p>SciComp is an entire ecosystem for scientific data generation and management. It contains the hardware and software to support data ingest, analysis, reporting, and cataloging. It is used to facilitate the research and development of new methods for data analysis and is also used to apply new methods to old data. SciComp environment is a comprehensive bioinformatics portfolio that includes systems and services to support scientific computing, research and analysis. Services that are provided include high performance computing (HPC), data warehousing, data backup, decision support, virtual cloud, and knowledge/information management will be supported along with associated computing infrastructure. SciComp collects non-identifiable genomic sequence data, digital images, Next Generation Sequencing data, data management, analytical manipulation results, or processing of genomic and phenotypic sources for continued and future research analysis and study. All data is void of any identifying DNA; it is composed of only viral or bacterial content. Data uses include: a) DNA, RNA, and protein sequence data analysis, such as gene expression analysis, primer design, molecular cloning, phylogenetic analyses, and sequence data management; b) Chromatographic and spectrometric profiles, phenotype characters, microarrays, and sequences; c) Genomics analysis can include SNP/indel detection, gene structure comparisons, gene absence/presence determination, and protein sequence comparisons; d) To perform queries, generate clusterings, or display phylogenetic trees; e) To generate predecisional recommendations for vaccine creation and support; and f) scientific paper generation.</p> <p>Non-sensitive Business Contact Information for the system users (name, email-address, user ID, and branch) is also collected for the execution and maintenance of various jobs.</p>
PTA - 7:	Does the system collect, maintain, use or share PII?	Yes
PTA - 7A:	Does this include Sensitive PII as defined by HHS?	No
PTA - 8:	Does the system include a website or online application?	No
PTA - 8A:	Are any of the URLs listed accessible by the general public (to include publicly accessible log in and internet websites/online applications)?	
PTA - 9:	Describe the purpose of the website, who has access to it, and how users access the web site (via public URL, log in, etc.). Please address each element in your response.	
PTA - 10:	Does the website have a posted privacy notice?	
PTA - 11:	Does the website contain links to non-federal government websites external to HHS?	
PTA - 11A:	Is a disclaimer notice provided to users that follow external links to websites not owned or operated by HHS?	
PTA - 12:	Does the website use web measurement and customization technology?	
PTA - 12A:	Select the type(s) of website measurement and customization technologies in use and if it is used to collect PII.	

PTA - 13:	Does the website have any information or pages directed at children under the age of thirteen?	
PTA - 13A:	Does the website collect PII from children under the age thirteen?	
PTA - 13B:	Is there a unique privacy policy for the website and does the unique privacy policy address the process for obtaining parental consent if any information is collected?	
PTA - 14:	Does the system have a mobile application?	No
PTA - 14A:	Is the mobile application HHS developed and managed or a third-party application?	
PTA - 15:	Describe the purpose of the mobile application, who has access to it, and how users access it. Please address each element in your response.	
PTA - 16:	Does the mobile application/ have a privacy notice?	
PTA - 17:	Does the mobile application contain links to non-federal government websites external to HHS?	
PTA - 17A:	Is a disclaimer notice provided to users that follow external links to resources not owned or operated by HHS?	
PTA - 18:	Does the mobile application use measurement and customization technology?	
PTA - 18A:	Describe the type(s) of measurement and customization technologies or techniques in use and what information is collected.	
PTA - 19:	Does the mobile application have any information or pages directed at children under the age of thirteen?	
PTA - 19A:	Does the mobile application collect PII from children under the age thirteen?	
PTA - 19B:	Is there a unique privacy policy for the mobile application and does the unique privacy policy address the process for obtaining parental consent if any information is collected?	
PTA - 20:	Is there a third-party website or application (TPWA) associated with the system?	No
PTA - 21:	Does this system use artificial intelligence (AI) tools or technologies?	No

PIA		
PIA		
PIA - 1:	Indicate the type(s) of personally identifiable information (PII) that the system will collect, maintain, or share.	Name Email Address User Credentials Other - Free text Field - CDC branch assignment
PIA - 2:	Indicate the categories of individuals about whom PII is collected, maintained or shared.	Employees/ HHS Direct Contractors
PIA - 3:	Indicate the approximate number of individuals whose PII is maintained in the system.	501 - 2000
PIA - 4:	For what primary purpose is the PII used?	The purpose of the business contact information is used to authenticate user access and for any services-related communication.
PIA - 5:	Describe any secondary uses for which the PII will be used (e.g. testing, training or research).	Not applicable.
PIA - 6:	Describe the function of the SSN, Truncated SSN, and/or Taxpayer ID.	Not applicable. The system does not collect or maintain SSN and/or Taxpayer ID.

PIA - 6A:	Cite the legal authority to use the SSN, Truncated SSN, and/or Taxpayer ID.	Not applicable.
PIA - 7:	Identify legal authorities governing information use and disclosure specific to the system and program.	Public Health Service Act, Section 301, "Research and Investigation," (42 U.S.C. 241); and Sections 304, 306 and 308(d)
PIA - 8:	Are records in the system retrieved by one or more PII data elements?	No
PIA - 8A:	Please specify which PII data elements are used to retrieve records.	
PIA - 8B:	Provide the number, title, and URL of the Privacy Act System of Records Notice (SORN) that is being used to cover the system or indicate whether a new or revised SORN is in development.	
PIA - 9:	Identify the sources of PII in the system.	Government Sources Within the OPDIV
PIA - 10:	Is there an Office of Management and Budget (OMB) information collection approval number?	No
PIA - 10A:	Provide the information collection approval number.	
PIA - 10B:	Identify the OMB information collection approval number expiration date.	
PIA - 10C:	Explain why an OMB information collection approval number is not required.	The PII is non-sensitive business contact information, and it is not collected from the public.
PIA - 11:	Is the PII shared with other organizations outside the system's Operating Division?	No
PIA - 11A:	Identify with whom the PII is shared or disclosed.	
PIA - 11B:	Please provide the purpose(s) for the disclosures described in PIA - 11A.	
PIA - 11C:	List any agreements in place that authorizes the information sharing or disclosure (e.g., Computer Matching Agreement (CMA), Memorandum of Understanding (MOU), or Information Sharing Agreement (ISA)).	
PIA - 11D:	Describe process and procedures for logging/tracking/accounting for the sharing and/or disclosing of PII. If no process or procedures are in place, please explain why not.	
PIA - 12:	Is the submission of PII by individuals voluntary or mandatory?	Voluntary
PIA - 12A:	If PII submission is mandatory, provide the specific legal requirement that requires individuals to provide information or face potential civil or criminal penalties.	
PIA - 13:	Describe the method for notifying individuals that their information will be collected and how they can opt-out of the collection or use of their PII. If there is no option to object to the information collection, provide a reason.	The non-sensitive business contact information is required for system operations. Users who do not provide their information will not be able to utilize the system for its intended purpose.
PIA - 14:	Describe the process to notify and obtain consent from the individuals whose PII is in the system when major changes occur to the system (e.g., disclosure and/or data uses have changed since the notice at the time of original collection). Alternatively, describe why they cannot be notified or have their consent obtained.	If the system undergoes major changes, individuals will receive an email notice. However, no current process exists to obtain consent.
PIA - 15:	Describe the process in place to resolve an individual's concerns when they believe their PII has been inappropriately obtained, used, or disclosed, or that the PII is inaccurate. If no process exists, explain why not.	If an individual believes their information has been inappropriately obtained, used, disclosed, or the PII is inaccurate, they can contact the point of contact (POC) listed in this document.

PIA - 16:	Describe the process in place for periodic reviews of PII contained in the system to ensure the data's integrity, availability, accuracy and relevancy. Please address each element in your response. If no processes are in place, explain why not.	This system undergoes triannual recertification as well as annual assessment to review the instances of the non-sensitive business contact information that exist within the system.
PIA - 17:	Identify who will have access to the PII in the system.	Users Administrators
PIA - 17A:	Select the type of contractor.	
PIA - 17B:	Do contracts include Federal Acquisition Regulation (FAR) and other appropriate clauses ensuring adherence to privacy provisions and practices?	
PIA - 18:	Provide the reason why each of the groups identified in PIA - 17 needs access to PII.	<p>Users have access to their own username and email addresses. Administrators have access to the system in its entirety to perform required tasks.</p> <p>Reasons for Users' access to PII (User ID):</p> <p>Users need access to PII to perform their day-to-day responsibilities. For instance, PII is needed to access and manage accounts, such as update authorized user list of the account.</p> <p>Reasons for administrators' access to PII (User ID):</p> <p>Administrators often need access to PII to manage and maintain systems that store or process this data. Their role involves ensuring that the systems are functioning correctly and securely. Setting permissions and access levels for users and ensuring that access to PII is appropriately restricted based on roles and responsibilities. In cases of system issues or data breaches, administrators may need to access PII to identify, troubleshoot, and resolve problems effectively.</p>
PIA - 19:	Describe the administrative procedures in place to determine which system users (administrators, developers, contractors, etc.) may access PII.	<p>The system is configured in such way that users are only permitted when they have authenticated.</p> <p>Administrators configure access controls, ensuring permissions of records are set according to the approved roles and access levels.</p>
PIA - 20:	Describe the technical methods in place to allow those with access to PII to only access the minimum amount of information necessary to perform their job.	This system employs role-based access control (RBAC).
PIA - 21:	Identify the general security and privacy awareness training provided to system users (system owners, managers, operators, contractors and/or program managers) using the system to make them aware of their responsibilities for protecting the information being collected and maintained.	All CDC users are required to participate in annual Cybersecurity Awareness Training and Annual Records Management Training which enforces these practices.
PIA - 22:	Describe the training system users receive (above and beyond general security and privacy awareness training).	SciComp provides user training during new user onboarding.

PIA - 23:	Describe the process and guidelines in place with regard to the retention and destruction of PII. Cite specific National Archives and Records Administration (NARA) records retention schedule(s) and include the retention period(s).	<p>The user ID is used to authenticate users within the system.</p> <p>This system adheres to General Record Schedule (GRS) 5.1 Common Office Records. The disposition instruction for this GRS is to destroy the data when the business use ceases.</p>
PIA - 24:	Describe how the PII will be secured in the system using administrative, technical, and physical controls. Please address each element in your response.	<p>Administrative: Records are maintained according to the CDC's record control schedule and policy. The PII is secured using the CDC/Infrastructure Services (IS) Active Directory authentication process and role-based application control via Role-Based Access Control (RBAC).</p> <p>Technical: The network and IT security controls are monitored by the Cybersecurity Program Office (CSPO) and Digital Services Office (DSO). In addition, the image documentation containing PII will be encrypted.</p> <p>Physical: Controls are managed by security guards, ID badges, locked doors, and key card restrictions.</p>

Review & Comments

Privacy Analyst Review

OpDiv Privacy Analyst Review Status:	Approved	Privacy Analyst Review Date:	10/9/2024
Privacy Analyst Comments:	OpDiv Analyst: Joshua Mosios (Contractor)	Privacy Analyst Days Open:	

SOP Review

SOP Review Status:	Approved	SOP Signature:	
SOP Comments:	Approved on behalf of Beverly Walker	SOP Review Date:	10/21/2024
		SOP Days Open:	13

Agency Privacy Analyst Review

Agency Privacy Analyst Review Status:	Approved	Agency Privacy Analyst Review Date:	10/23/2024
Agency Privacy Analyst Review Comments:	<p>Reviewer: Nestor Villafuerte</p> <p>12-4-2024 Per CDC Email:</p> <p>1) During a review conducted by ISSO earlier this year, it was determined that the previously signed PIA for SciComp required an update to address the presence of non-sensitive business contact information more accurately being PII. There has been no change to the information collected by the system. Non-sensitive business contact information for the system users (name, email-address, user ID, and branch) has always been collected for the execution and maintenance of various system jobs. The program's goal with this submission was to ensure that the PTA/PIA information was as accurate as possible to avoid any confusion.</p> <p>2)SciComp and SciComp-PII are two separate systems with separate mission objectives. However, the SciComp-PII system has been retired since Q3 of 2024.</p> <p>10/23/2024 All comments have been addressed, this PIA is ready for SAOP review and approval.</p> <p>Per CDC Email (see Supporting Documentation), the correct ATO Date is 11/29/2021 and the ATO date that we're seeing displayed is actually the expiration date of the ATO.</p>	Agency Privacy Analyst Days Open:	2

SAOP Review

SAOP Review Status:	Approved	SAOP Signature:	Archer Signature_Bridget Guenther.docx
SAOP Comments:	<p>12-4-2024 Per CDC Email:</p> <p>1) During a review conducted by ISSO earlier this year, it was determined that the previously signed PIA for SciComp required an update to address the presence of non-sensitive business contact information more accurately being PII. There has been no change to the information collected by the system. Non-sensitive business contact information for the system users (name, email-address, user ID, and branch) has always been collected for the execution and maintenance of various system jobs. The program's goal with this submission was to ensure that the PTA/PIA information was as accurate as possible to avoid any confusion.</p> <p>2)SciComp and SciComp-PII are two separate systems with separate mission objectives. However, the SciComp-PII system has been retired since Q3 of 2024.</p> <p>10/23/2024 All comments have been addressed, this PIA is ready for SAOP review and approval.</p> <p>Per CDC Email (see Supporting Documentation), the correct ATO Date is 11/29/2021 and the ATO date that we're seeing displayed is actually the expiration date of the ATO.</p>	SAOP Review Date:	12/5/2024
		SAOP Days Open:	43

Supporting Document(s)

Name	Size	Type	Upload Date	Downloads
10-23-2024 EMAIL_Re_ CDC PIAs.pdf	548665	.pdf	10/23/2024 9:22 AM	1
12-4-2024 EMAIL_Re_ CDC - SciComp - QTR3 - 2024 - CDC8508222.pdf	913048	.pdf	12/4/2024 10:24 AM	0
12-4--2024 EMAIL_RE_SciComp PII Issue.pdf	533717	.pdf	12/4/2024 10:24 AM	0

Comments

Question Name	Submitter	Date	Comment	Attachment
PIA - 8	Data Feed Service, piafrmcdc	9/23/2024	The previous PIA included 09-20-0160- Records of Subjects in Health Promotions and Education Studies. Is this no longer the case?	
PIA - 1	Data Feed Service, piafrmcdc	9/23/2024	The previously approved PIA included Education Records, Date of Birth, Employment Status, Disability Status, Race, Gender, Job Title. Please elaborate in the comment section.	
PIA - 10C	Data Feed Service, piafrmcdc	9/23/2024	This does not explain why an OMB number is not required.	
PIA - 10C	Data Feed Service, piafrmcdc	10/4/2024	Your response is not an exemption. An exemption that you may apply is that PII is not collected from the public. Is that accurate?	
PIA - 1	BLAND, CRYSTAL	10/23/2024	Per CDC Email (see Supporting Documentation), the correct ATO Date is 11/29/2021 and the ATO date that we're seeing displayed is actually the expiration date of the ATO.	

Admin Section

Is OpDiv Privacy Analyst Approved ?:	1	Is OpDiv Privacy Analyst Return ? :	0
Is Agency Privacy Analyst Approve ?:	1	Is SOP Return ?:	0
Is SAOP Approved?:	1	Is Agency Privacy Analyst Return ?:	0
Total Approved:	4	Is SAOP Return ?:	0
Total Approval Required:	4	Total Return:	0

Miscellaneous Fields

Last Updated:	12/5/2024 3:00 PM	History Log:	View History Log
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