



Project Determination

Blood Lead Surveillance System (BLSS) -- OMB No. 0920-0931

Project ID: 0900f3eb81bcf99b
Accession #: NCEH-LPPEHTB-8/31/20-cf99b
Project Contact: Stella Chuke
Organization: NCEH/ATSDR/DEHSP/LPPEHTB/EST
Status: Project In Progress
Intended Use: Project Determination
Estimated Start Date: 10/31/23
Estimated Completion Date: 11/30/23
CDC/ATSDR HRPO/IRB Protocol#:
OMB Control#: 0920-0931

Description

Priority

Standard

Date Needed

11/30/23

Determination Start Date

09/02/20

Description

This CDC information collection request (ICR) includes two data collection systems that provide a coordinated, comprehensive, and systematic public health approach to the surveillance and monitoring of blood lead levels (BLLs) for children and occupationally exposed adults in the U.S. We are requesting an extension for the current OMB approval which expires on July 31, 2024 (# 0920-0931).

IMS/CIO/Epi-Aid/Lab-Aid/Chemical Exposure Submission

No

IMS Activation Name
Not selected
Select the primary priority of the project
Not selected
Select the secondary priority(s) of the project
Not selected
Select the task force associated with the response
Not selected
CIO Emergency Response Name
Not selected
Epi-Aid Name
Not selected
Lab-Aid Name
Not selected
Assessment of Chemical Exposure Name
Not selected
Goals/Purpose
We are requesting an extension for the current OMB approval for BLSS which expires on July 31, 2024.
Objective
The overarching goal of this information collection is to continue the blood lead surveillance collection for children and occupationally-exposed adults in the U.S.
Does your project measure health disparities among populations/groups experiencing social, economic, geographic, and/or environmental disadvantages?
Yes
Does your project investigate underlying contributors to health inequities among populations/groups experiencing social, economic, geographic, and/or environmental disadvantages?
Yes
Does your project propose, implement, or evaluate an action to move towards eliminating health inequities?
Yes
Activities or Tasks
Secondary Data or Specimen Analysis
Target Population to be Included/Represented
Children; Other-Occupationally exposed adults

Tags/Keywords

Lead Poisoning, Nervous System, Childhood; Lead Poisoning, Nervous System, Adult; Public Health Surveillance

CDC's Role

CDC employees or agents will obtain or use anonymous or unlinked data or biological specimens; CDC employees will provide substantial technical assistance or oversight; CDC is providing funding

Method Categories

Surveillance Support

Methods

State and local health departments submit standardized Childhood Blood Lead Surveillance (CBLS) data on a quarterly basis via the CDC's Secure Access Management System's (SAMS) Secure Data eXchange's (SDX) integrated Managed File Transfer (MFT) Platform. CDC staff import and store the CBLS data on a secure CDC network drive for processing, analysis, and generation of reports. State health and labor departments submit Adult Blood Lead Epidemiology and Surveillance (ABLES) data on an annual basis through secure encrypted FTP sites. ABLES data are stored on secure CDC network drives for processing, analysis, and generation of reports.

Collection of Info, Data, or Bio specimens

CDC does not collect these data directly, they are submitted by the states and local programs as described in the Methods above. CBLS collects all laboratory and clinician-reported blood lead levels (BLLs) test results on individual children reported to participating state or local CLPPPs. The de-identified, individual-level case management and follow-up data are forwarded to CDC, imported into CBLS, and a consistent "case" definition is then applied. The Adult Blood Lead Epidemiology and Surveillance (ABLES) program, a part of CDC's NIOSH, compiles state surveillance data for adults 16 years of age or greater, most of whom are occupationally exposed.

Expected Use of Findings/Results and their impact

Data generated and analyzed from these two programs provide critical information to monitor trends in BLLs over time. This information is used for program implementation, policy development, and to target population-based interventions to children at high risk for lead exposure and adults who may be exposed to lead in the workplace.

Could Individuals potentially be identified based on Information Collected?

Yes

Will PII be captured (including coded data)?

Yes

Does CDC have access to the Identifiers (including coded data)?

No

Is this project covered by an Assurance of Confidentiality?

No

Does this activity meet the criteria for a Certificate of Confidentiality (CoC)?

No

Is there a formal written agreement prohibiting the release of identifiers?

No

Funding

Funding Type	Funding Title	Funding #	Original Fiscal Year	# of Years of Award	Budget Amount
CDC Cooperative Agreement	Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children	CDC-RFA-EH21-2102	2021	5	
CDC Cooperative Agreement	Lead Poisoning Prevention-Childhood Lead Poisoning Prevention	CDC-RFA-EH17-1701SUPP20	2017	1	
CDC Cooperative Agreement	Childhood Lead Poisoning Prevention Projects, State and Local Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children	CDC-RFA-EH18-1806 SUPP20	2018	1	

HSC Review**Regulation and Policy****Do you anticipate this project will need IRB review by the CDC IRB, NIOSH IRB, or through reliance on an external IRB?**

No

Will you be working with an outside Organization or Institution? No

Institutions

Institution	FWA #	FWA Exp. Date	Funding	Funding Restriction Amount
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Institution	Funding Restriction Percentage	Funding Restriction Reason	Funding Restriction has been lifted
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Institution	Institution Role(s)	Institution Project Title	Institution Project Tracking #	Prime Institution
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Institution	Regulatory Coverage	IRB Review Status
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Institution	Registered IRB	IRB Registration Exp. Date	IRB Approval Status
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Institution	IRB Approval Date	IRB Approval Exp. Date	Relying Institution IRB
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Staff								
Staff Member	SIQT Exp. Date	Citi Biomedical Exp. Date	Citi Social and Behavioral Exp. Date	Citi Good Clinical Exp. Date	Staff Role	Email	Phone #	Organization/ Institution
AudreyPennington	05/01/2026		08/01/2020		Technical Monitor	isp5@cdc.gov	404-498-5244	EPIDIMIOLOGY AND SURVEILLANCE
CherylCornwell	07/24/2026				Technical Monitor	idh3@cdc.gov	404-498-5638	EPIDIMIOLOGY AND SURVEILLANCE
DavidWall	12/08/2025				Technical Monitor	dkw0@cdc.gov	513-841-4331	HEALTH INFORMATICS BRANCH
JohnLu	07/28/2026		11/07/2021		Technical Monitor	czl5@cdc.gov	513-841-5	HEALTH INFORMATICS BRANCH
JosephCourtney	08/29/2026				Program Lead	hzc2@cdc.gov	404-498-3282	LEAD POISONING PREVENTION AND ENVIRONMENTAL HEALTH TRACKING BRANCH

Staff

Staff Member	SIQT Exp. Date	Citi Biomedical Exp. Date	Citi Social and Behavioral Exp. Date	Citi Good Clinical Exp. Date	Staff Role	Email	Phone #	Organization/ Institution
Marie HaringSweeney	08/30/2025	11/08/2024			Program Lead	mhs2@cdc.gov	513-841-4102	HEALTH INFORMATICS BRANCH
PaulAllwood	06/01/2026				Program Official	iko1@cdc.gov	770-488-6774	DIVISION OF ENVIRONMENTAL HEALTH SCIENCE AND PRACTICE
QaiyimHarris	05/30/2026				Technical Monitor	qah3@cdc.gov	770-488-7115	EPIDIMIOLOGY AND SURVEILLANCE
RebeccaTsai	07/27/2026		01/06/2026		Technical Monitor	vht5@cdc.gov	513-841-4398	HEALTH INFORMATICS BRANCH
StellaChuke	08/31/2026				Technical Monitor	slc7@cdc.gov	770-488-3475	EPIDIMIOLOGY AND SURVEILLANCE

DMP

Proposed Data Collection Start Date	08/01/24
Proposed Data Collection End Date	07/31/27
Proposed Public Access Level	Public
Public Access justification	This is a publicly funded program to help state and local programs collect important data. Sharing the aggregate data with the public is an important part of the process.
How Access Will Be Provided for Data	Both the CBLS and ABLES data will be disseminated on program websites and in MMWR Surveillance Reports. Because CBLS datasets include some required variables with potentially personally identifiable information (PII) (e.g., age, race, sex, county of address) which may present privacy

	concerns due to small numbers for some of the variables, small cell sizes (counts <5) will be redacted from all datasets or summary tables that are disseminated in any way.
Plans for archival and long-term preservation of the data	

Spatiality (Geographic Location)		
Country	State/Province	County/Region

Determinations			
Determination	Justification	Completed	Entered By & Role
HSC: Does NOT Require HRPO Review	Not Research - Public Health Surveillance <i>45 CFR 46.102(l)(2)</i>	11/13/23	Ding_Yan (Shirley) (yad6) CIO HSC
PRA: PRA Applies		11/13/23	Ding_Yan (Shirley) (yad6) CIO OMB / PRA
ICRO: PRA Applies	OMB Approval date: 07/22/21 OMB Expiration date: 07/31/24	11/14/23	Zirger_Jeffrey (wtj5) ICRO Reviewer