

## ABLES Data Requirements for FY 2008

The Adult Blood Lead Epidemiology and Surveillance (ABLES) Program is a state-based surveillance system under which participating States provide information to CDC's NIOSH on laboratory-reported blood lead levels among adults.

For all adults (16 and older) the State will provide data on all laboratory reports when the adult's blood lead level is equal to or greater than 25 mcg/dL. These data are to be consolidated into a single data submission by task time periods and must be submitted in the format supplied on the following pages.

The ABLES program ultimately aims to collect the complete list of variables for *all* blood lead tests, including blood lead levels less than 25 mcg/dL, and urges all States to progressively supply this information as it becomes available. All data submissions must be delivered in the supplied format providing a field for 20 variables, even if some variables have no data available at the time. For fiscal year 2008, full payment (\$22,744 per year in four installments of \$5,686 per quarter) *requires* data for variables: 1, 2, 6, 7, 8, 9, 10, 11a or 11b, 12, 15, 16a or 16b, and 18. An EXCEL spreadsheet is the preferred method and a Microsoft Access table is also acceptable.

Deliverable each quarter (preferable by e-mail) are: (1) The data in the prescribed format, (2) a brief narrative report describing any notable lead surveillance activities, and (3) an invoice for payment (a copy of the invoice is to be e-mailed (RRoscoe@cdc.gov) or faxed (513-841-4489) to be ABLES project officer). The invoice must contain: (1) your current Purchase Order number, (2) the period of data collection, (3) your Federal Tax ID number, (4) the account and 9-digit routing numbers to which the payment will be electronically transferred (no checks will be issued), and (5) the amount.

Task 1 – The period September 16, 2008 - December 15, 2008 on or before January 31, 2009. The Contractor (State) will provide data as indicated above, and an invoice of \$5,686 for payment.

Task 2 – The period December 16, 2008 - March 15, 2009 on or before April 30, 2009. The Contractor (State) will provide data as indicated above, and an invoice of \$5,686 for payment.

Task 3 – The period March 16, 2009 - June 15, 2009 on or before July 31, 2009. The Contractor (State) will provide data as indicated above, and an invoice of \$5,686 for payment.

Task 4 – The period June 16, 2009 - September 15, 2009 on or before October 31, 2009. The Contractor (State) will provide data as indicated above, and an invoice of \$5,686 for payment.

Deliverable annually (electronically) by the first quarter of the succeeding calendar year (i.e., 4/30/2009) are (1) Any necessary data revisions for the entire calendar year 2008 in a complete revised data file and (2) a brief annual narrative report describing notable surveillance activities.

Coordination of State ABLES activities is a major concern. Therefore it is mandatory that sufficient State ABLES funding be set aside to provide for travel expenses for a least one State ABLES person to attend the National ABLES Meeting (yearly, usually in June together with CSTE).

Part 1 of 3— Eighteen variable format for all ABLES data submissions Revised: 6/16/2004

1. StateRep	2	Text	2-letter Postal State abbreviation for the State making this report. [Note: This should be a constant and must be present]
2. StateRes	2	Text	2-letter Postal State abbreviation for State in which the adult resides. 99 = Unknown. CN = Canada, MX = Mexico.
3. CountyRes	3	Text	3-digit county Federal Information Process Standards (FIPS) code for county in which adult resides. 999 = Unknown. (Useful site: <a href="http://geonames.usgs.gov/fips55.html">http://geonames.usgs.gov/fips55.html</a> )
4. StateExp	2	Text	2-letter Postal State abbreviation for State where exposure occurred. 99 = Unknown. CN = Canada, MX = Mexico. [Note: Code StateExp only if you are sure of exposure location—do not make assumptions.]
5. CountyExp	3	Text	3-digit county FIPS code for county where exposure occurred. 999 = Unknown. [Note: Code CountyExp only if you are sure of exposure location—do not make assumptions.] (Useful site: <a href="http://geonames.usgs.gov/fips55.html">http://geonames.usgs.gov/fips55.html</a> )
6. ID	15	Text	State-assigned unique ID number for adult. ID must remain constant from year to year. 15 characters maximum. If all characters are not used, leave the missing ones blank, and left justify. [Note: Do not use any personal identifier such as an SSN for ID.]
7. Status	1	Text	1 = New case. (This is defined as an adult whose highest BLL was 25 mcg/dL or greater in the current calendar year who was not in the State lead registry in the immediately preceding calendar year with a BLL of 25 mcg/dL or greater. This adult may have been in the registry with a BLL of 25 mcg/dL or greater in earlier years or with a BLL less than 25 mcg/dL in the immediately preceding calendar year.) 2 = Existing case. (This is defined as an adult whose highest BLL was 25 mcg/dL or greater in the current calendar year who was in the registry in the immediately preceding calendar year with a BLL of 25 mcg/dL or greater.) 3 = Unclassified Adult. (This is defined as an adult whose highest BLL was less than 25 mcg/dL about whom you have insufficient information to determine whether he/she is a new or existing adult in the State registry.) 4 = New adult. (This is defined as an adult whose highest BLL was less than 25 mcg/dL who was not in the State lead registry in the immediately preceding calendar year with a BLL either less than or greater than 25 mcg/dL. This adult may have been in the registry in earlier years.) 5 = Existing adult. (This is defined as an adult whose highest BLL was less than 25 mcg/dL who was in the registry in the immediately preceding year with a BLL either less than or greater than 25 mcg/dL.) 9 = Unknown

**Part 2 of 3-- Eighteen variable format for all ABLES data submissions**

Revised: 5/16/2004

8. BLL Date	10	Date/ Time	Date blood drawn or date of lab BLL test. MM/DD/YYYY
9. Date Type	1	Text	1 = Date of blood draw (preferred) 2 = Date of laboratory test (acceptable) 3 = Date of health department ascertainment (acceptable) 9 = Unknown
10. BLL	3	Numeric	Blood lead level, 3 digits no decimal, leave blanks, right justify.
11a. DOB	10	Date/ Time	Date of Birth (MM/DD/YYYY) [Note: If DOB unavailable, leave blank and code Age]
11b. Age	3	Text	Age in years, right justify, no decimal. 999 = Unknown [Note: If DOB provided, leave Age blank]
12. Sex	1	Text	1 = Male 2 = Female 3 = Other 9 = Unknown
13. Ethnicity	1	Text	Self-identified: 0 = No (Not Hispanic or Latino) 1 = Yes (Hispanic or Latino) 9 = Unknown
14. Race	1	Text	1 = American Indian & Alaska Native 2 = Asian 3 = Black 4 = White 5 = Hawaiian/Other Pacific Islander 9 = Unknown

15. WorkRel	1	Text	This is your determination on whether the exposure was work related. 1 = Work related. 2 = Not work related 3 = Both 9 = Unknown [Note: Code 1, 2 or 3 only if you are sure of the exposure source. Code 9 if you do not know—do not make assumptions.]
16a. SIC	8	Text	Standard Industrial Classification 1987.* Use all available digits. Leave missing digits blank; left justify. 999 = Unknown NA = Non applicable [Note: If NAICS coded, leave SIC blank.] [Note: If WorkRel is coded 1 or 3, SIC should have a valid code or 999. If WorkRel is coded 2 or 9, SIC should be coded NA.] (Useful sites: <a href="http://www.census.gov/epcd/www/naicstab.htm">http://www.census.gov/epcd/www/naicstab.htm</a> <a href="http://www.osha.gov/oshstats/sicser.html">http://www.osha.gov/oshstats/sicser.html</a> .)
16b. NAICS	6	Text	North American Industry Classification System 2002.* 999 = Unknown NA = Non applicable [Note: If SIC coded, leave NAICS blank.] [Note: If WorkRel is coded 1 or 3, NAICS should have a valid code or 999. If WorkRel is coded 2 or 9, NAICS should be coded NA.] (Useful sites: <a href="http://www.census.gov/epcd/naics02/naicod02.htm">www.census.gov/epcd/naics02/naicod02.htm</a> <a href="http://www.census.gov/epcd/www/naics.html">http://www.census.gov/epcd/www/naics.html</a> .)
17. COC	3	Text	Census Occupation Code from 2000 U.S. Census occupation codes.* 990 = Unknown NA = Non applicable [Note: If WorkRel is coded 1 or 3, COC should have a valid code or 990. If WorkRel is coded 2 or 9, COC should be coded NA.] (Useful site: <a href="http://www.census.gov/hhes/www/oiindex/indcswk2k.pdf">www.census.gov/hhes/www/oiindex/indcswk2k.pdf</a> .)
18. Process	50	Text	Process is defined as a narrative of the non-occupational avocation or activity from which the adult was exposed to lead. NA = Non applicable. Frequent Process categories include: Shooting firearms, Remodeling or renovation, Retained bullets, Pica (the eating of non-food items), Eating food containing lead or off leaded cookware, Drinking moonshine or other lead containing liquids, Taking nontraditional medicines, Hobbies such as casting, ceramics and stained glass, and Retired (presumed former lead worker?). Please also describe sources not listed here. [Note: If WorkRel is coded 2 or 3, Process should have a narrative entry or "unknown." If WorkRel is coded 1 or 9, Process should be coded NA.]

Note: Variable formats may change to meet emerging CDC guidelines for surveillance systems.  
\*For more information on SIC, NAICS, and COC, contact Pam Schumacher (PSchumacher@cdc.gov).