



Geochemical and Mineralogical Maps for Soils of the Conterminous United States

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Lead (Pb) in soil collected from a depth of 0 to 5 centimeters

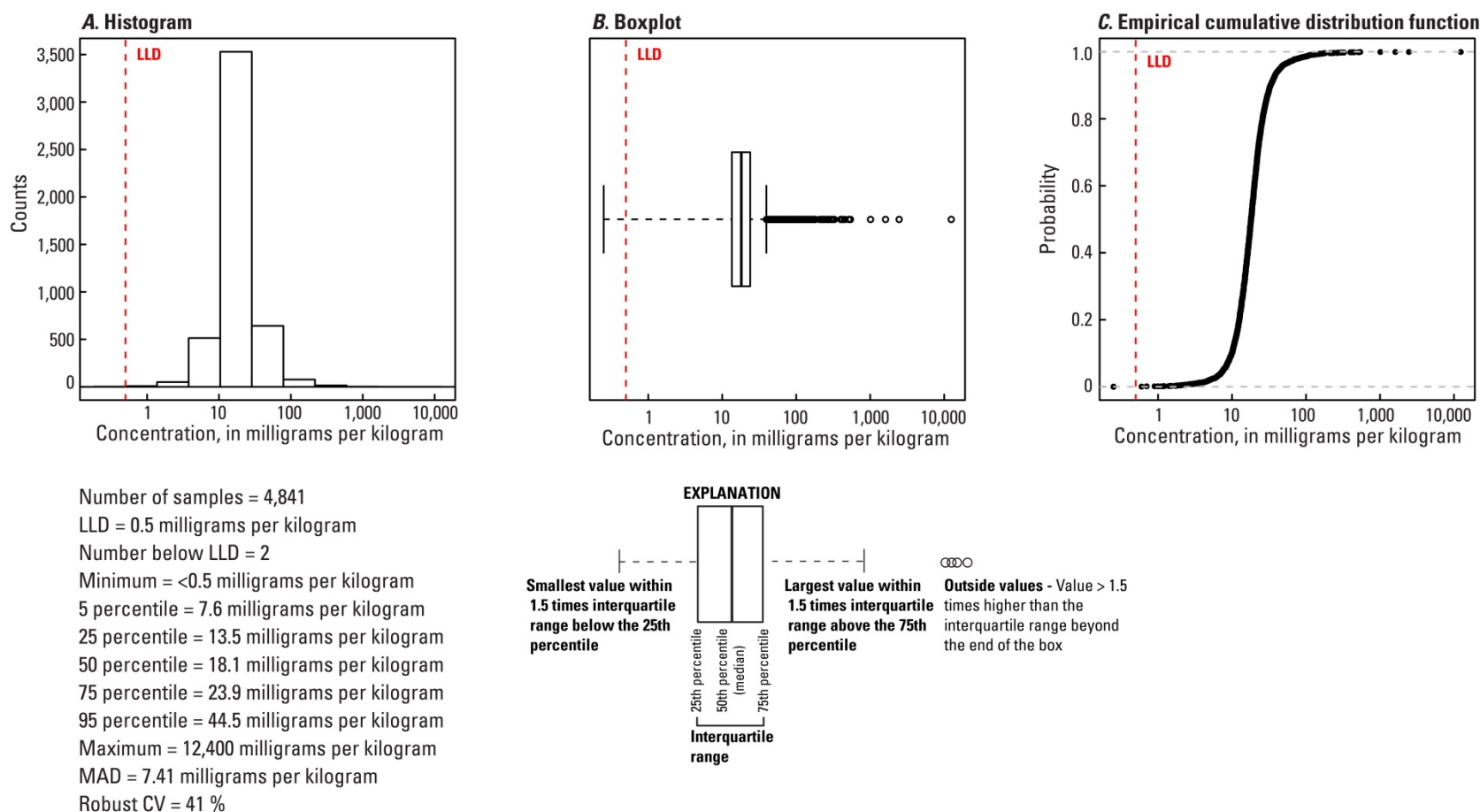


Figure 59. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lead (Pb) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram; cm, centimeters).

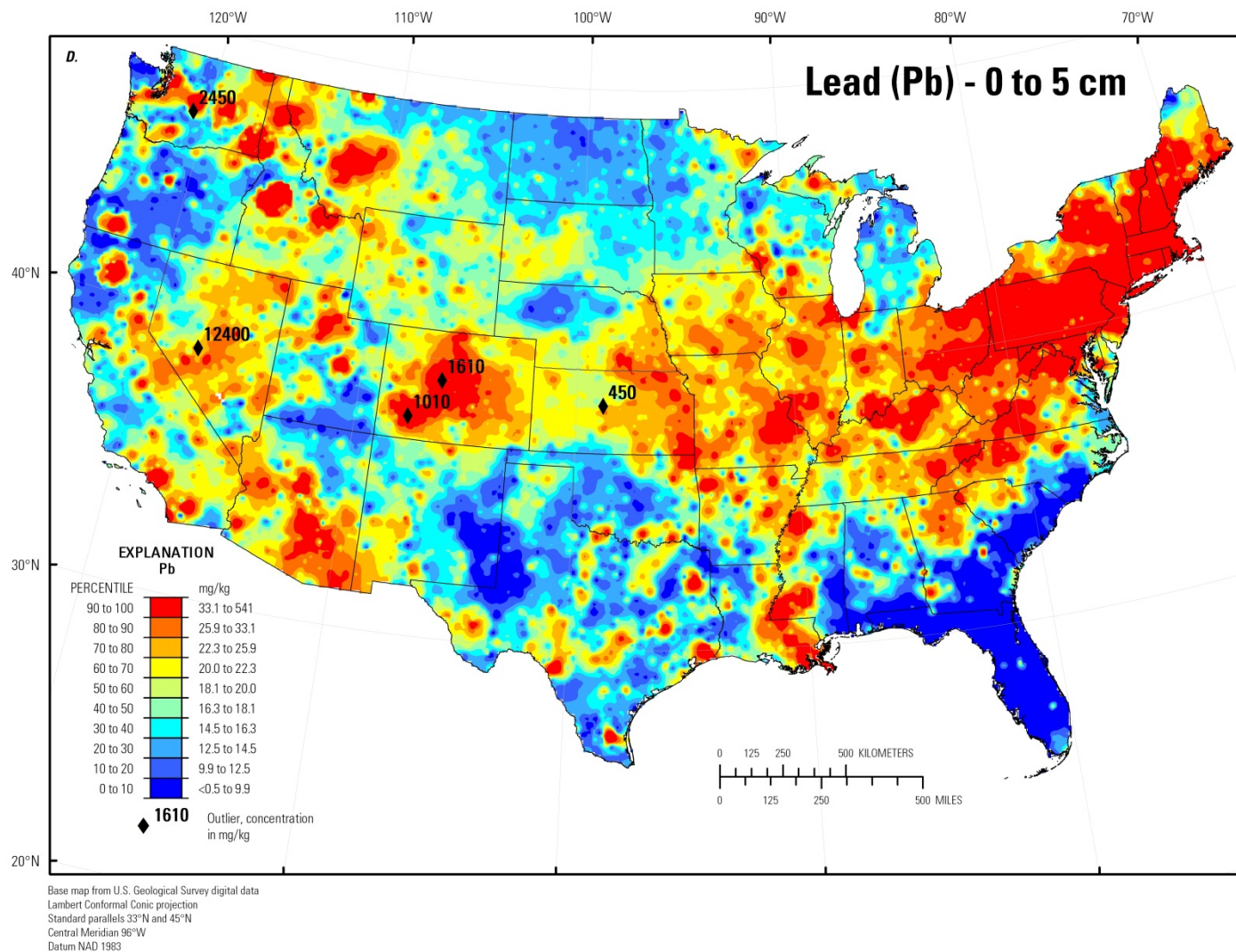
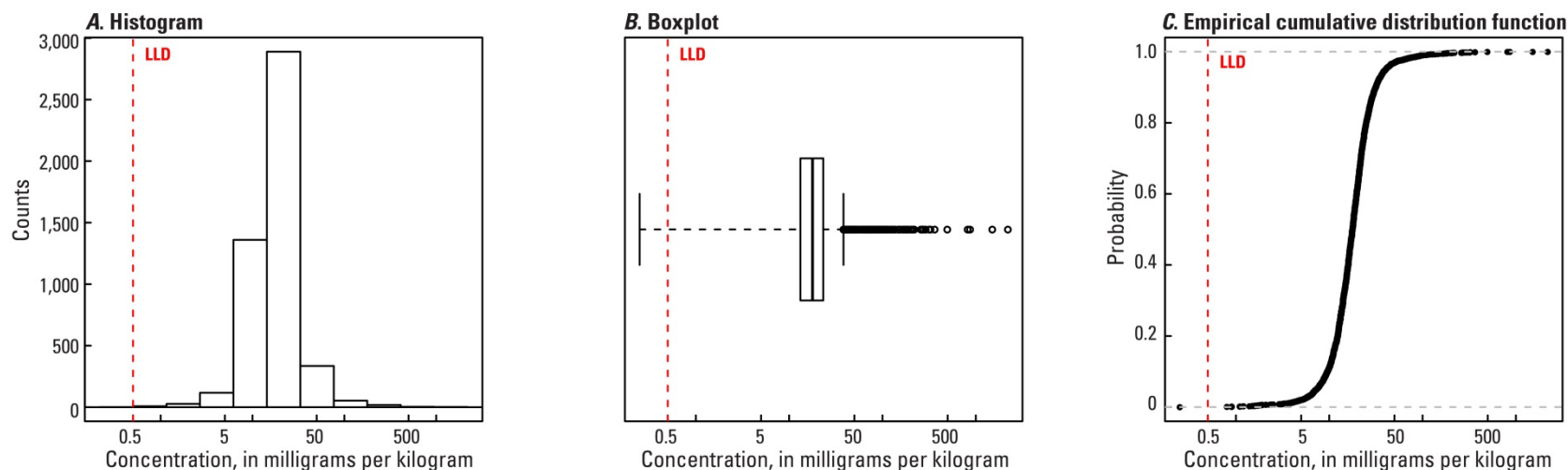


Figure 59. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lead (Pb) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram; cm, centimeters).—Continued

Lead (Pb) in soil A horizon



Number of samples = 4,813

LLD = 0.5 milligrams per kilogram

Number below LLD = 1

Minimum = <0.5 milligrams per kilogram

5 percentile = 7.3 milligrams per kilogram

25 percentile = 13.2 milligrams per kilogram

50 percentile = 17.8 milligrams per kilogram

75 percentile = 23.2 milligrams per kilogram

95 percentile = 40.2 milligrams per kilogram

Maximum = 2,200 milligrams per kilogram

MAD = 7.26 milligrams per kilogram

Robust CV = 40.8 %

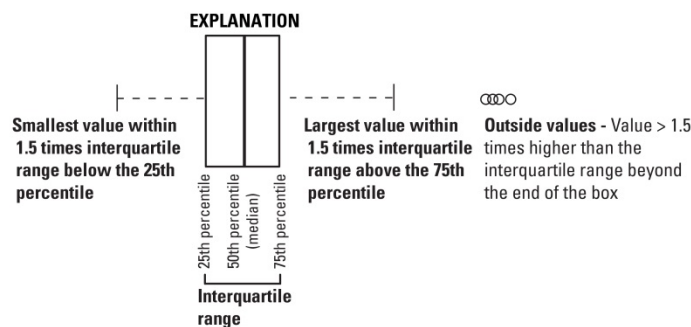


Figure 60. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lead (Pb) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).

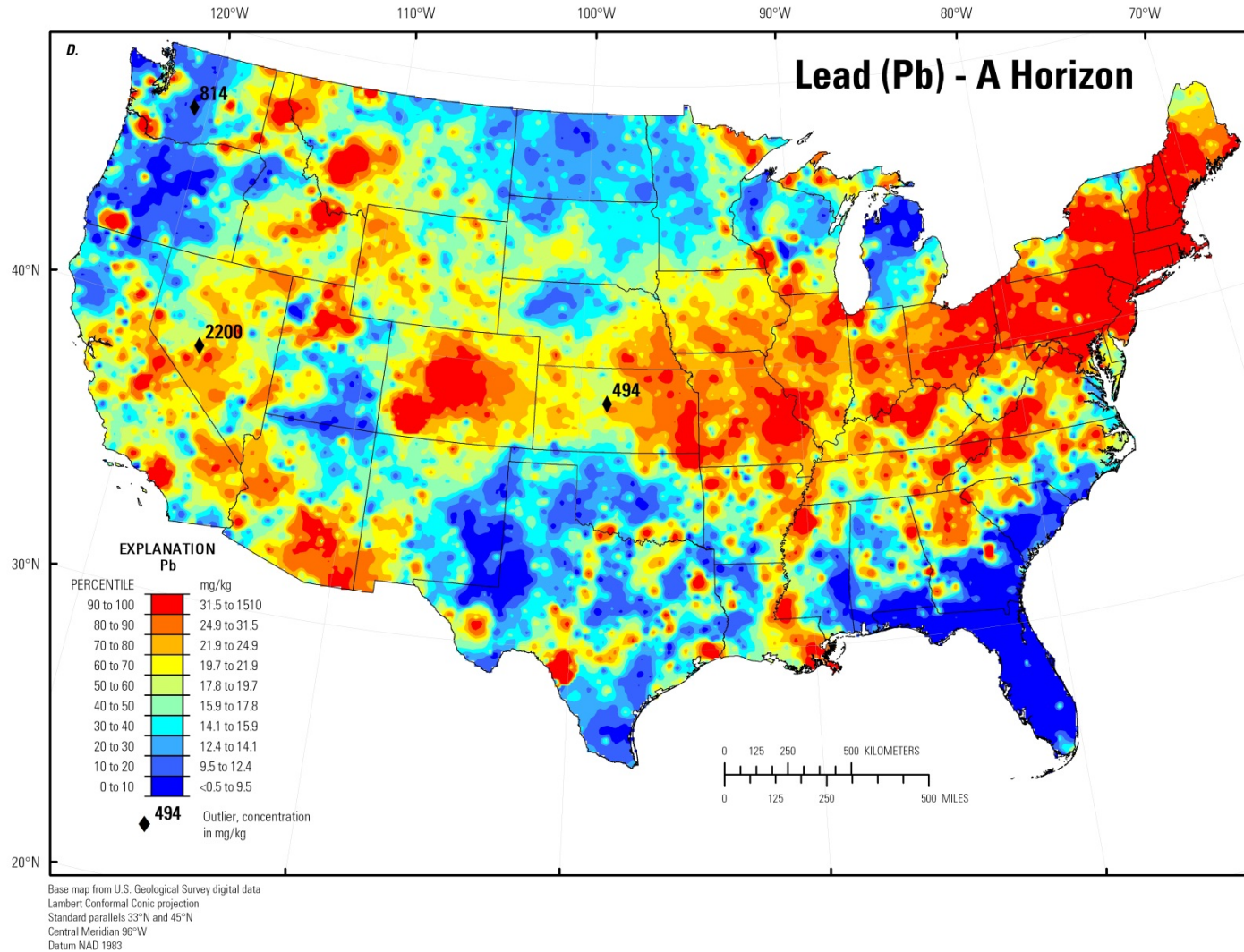


Figure 60. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lead (Pb) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).—Continued

Lead (Pb) in soil C horizon

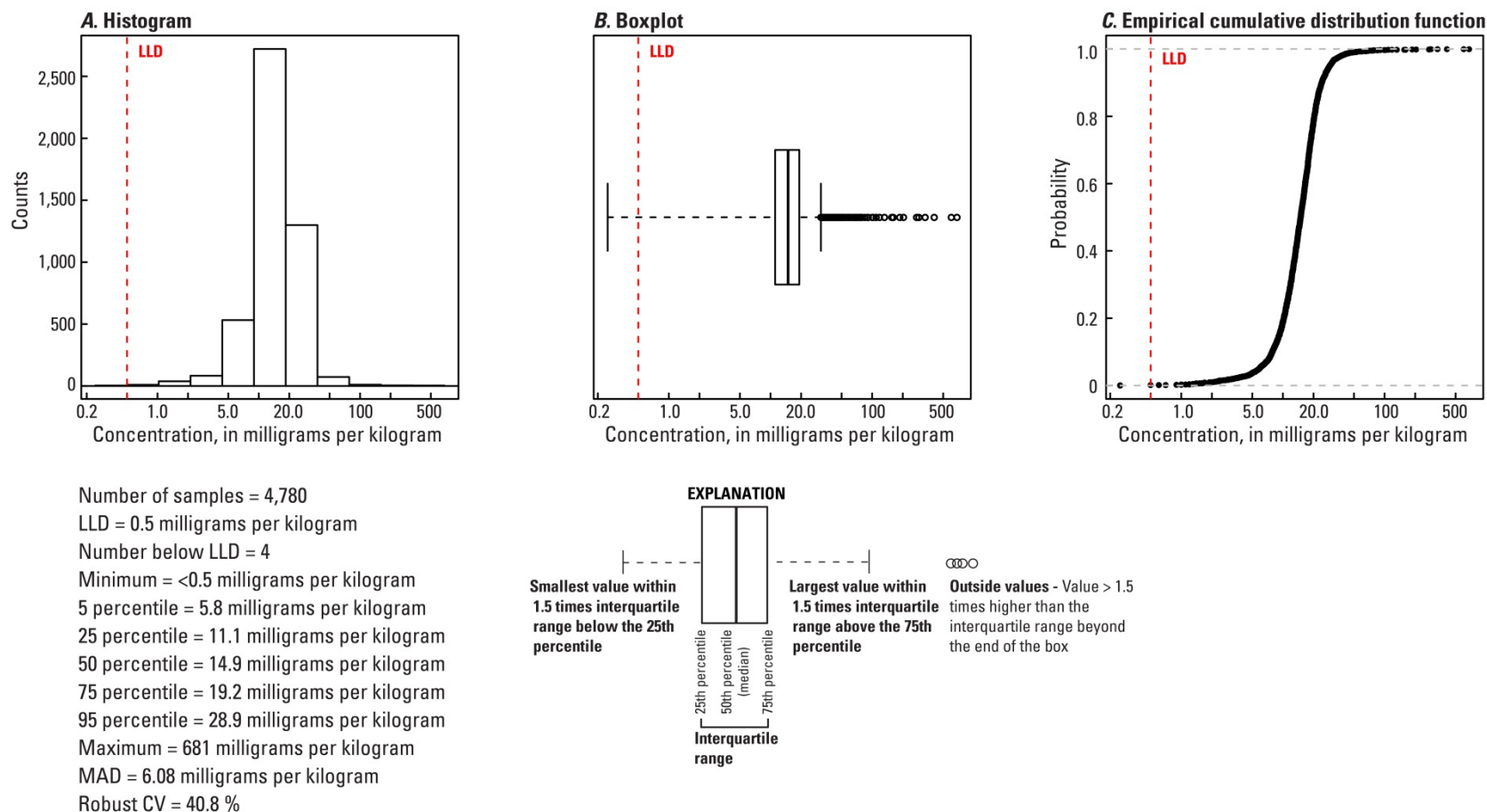


Figure 61. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lead (Pb) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).

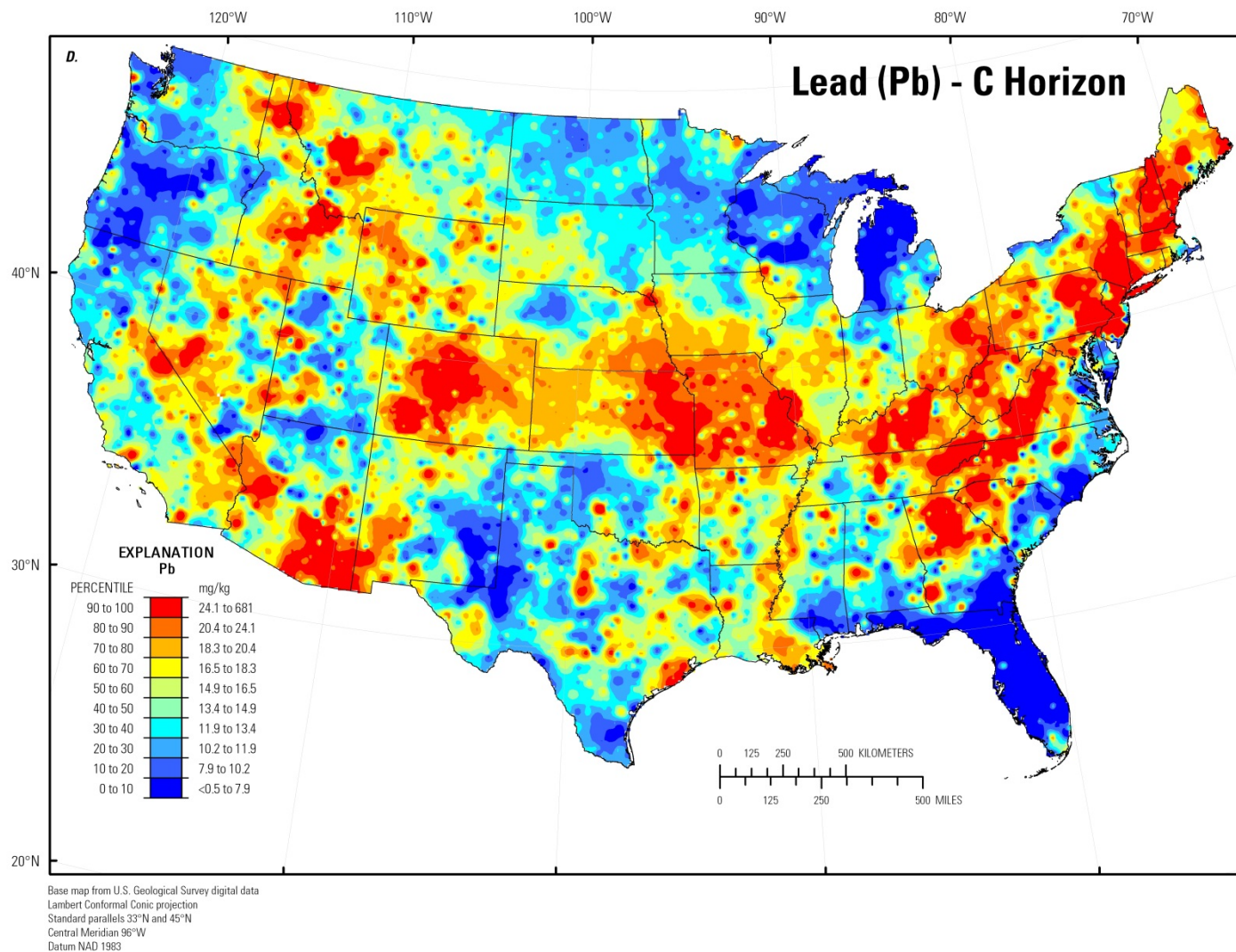


Figure 61. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lead (Pb) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).—Continued