



# **Geochemical and Mineralogical Maps for Soils of the Conterminous United States**

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Open-File Report 2014–1082

**U.S. Department of the Interior**  
**U.S. Geological Survey**

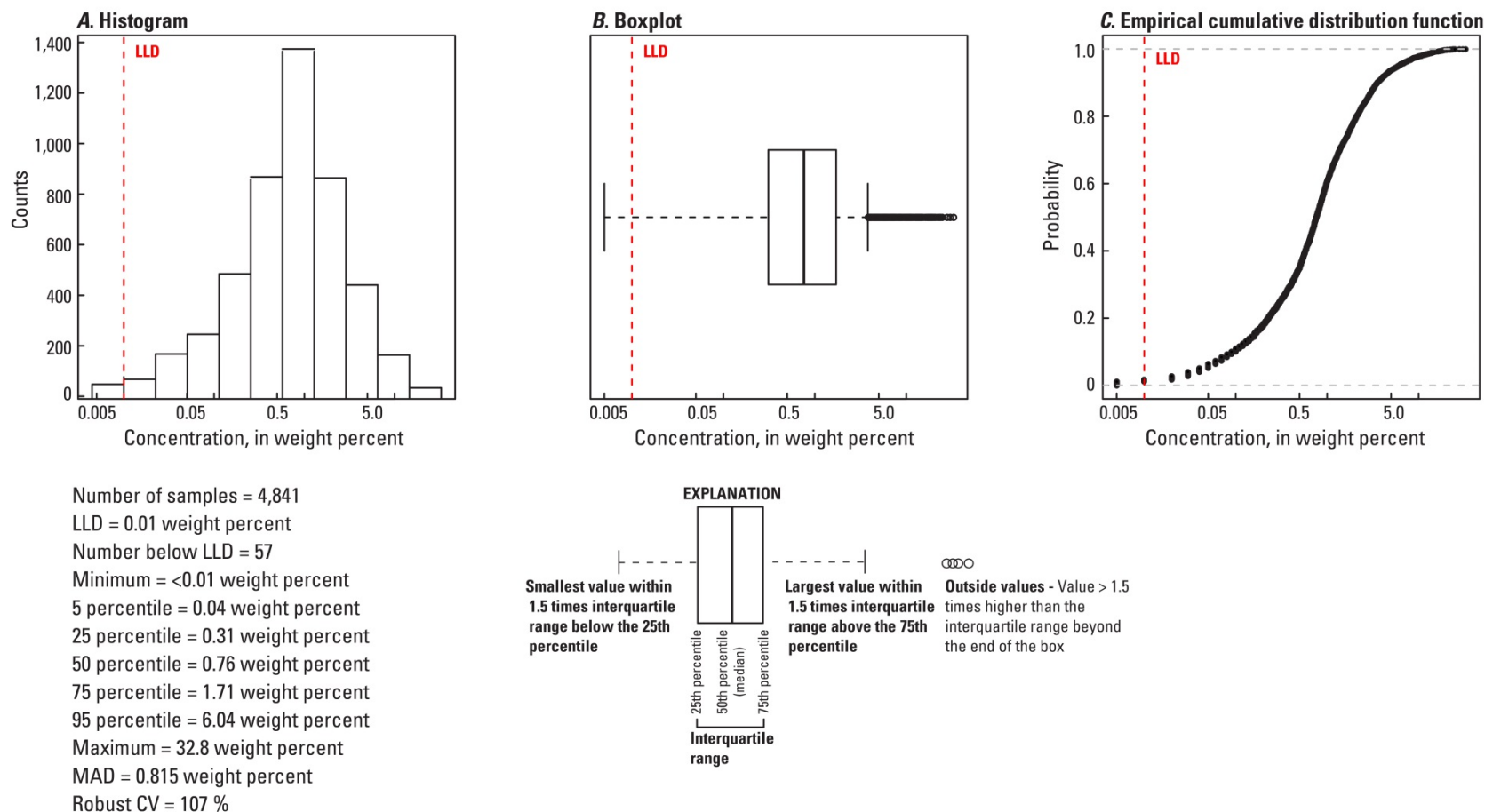
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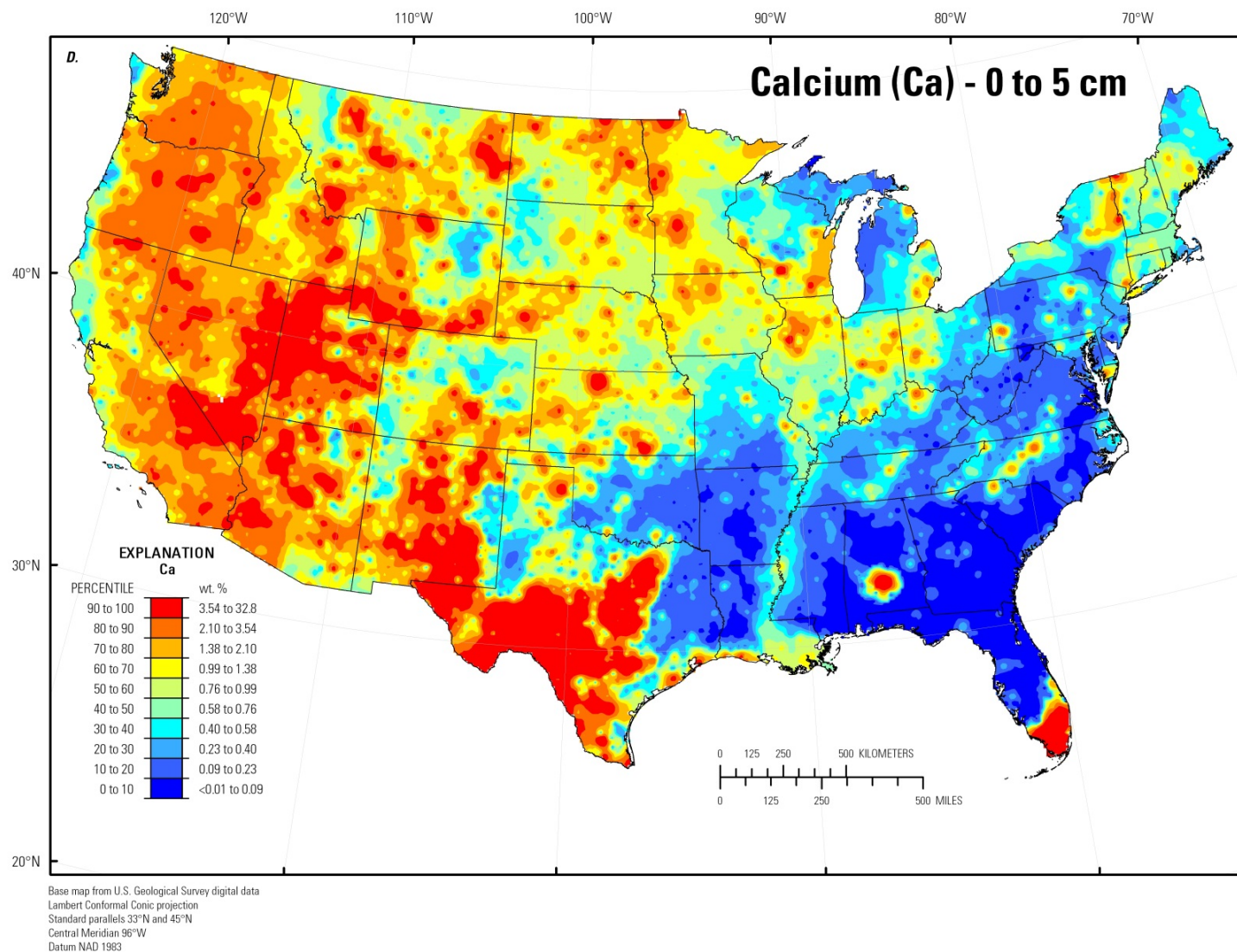
A link to download the full document (U.S. Geological Survey Open-File Report 2014-1082, 400 pages, 170 MB) can be found there or at <http://pubs.usgs.gov/of/2014/1082>.

These maps and statistical graphics were derived from data published in U.S. Geological Survey Data Series 801, downloadable from <http://pubs.usgs.gov/ds/801>.

## Calcium (Ca) in soil collected from a depth of 0 to 5 centimeters

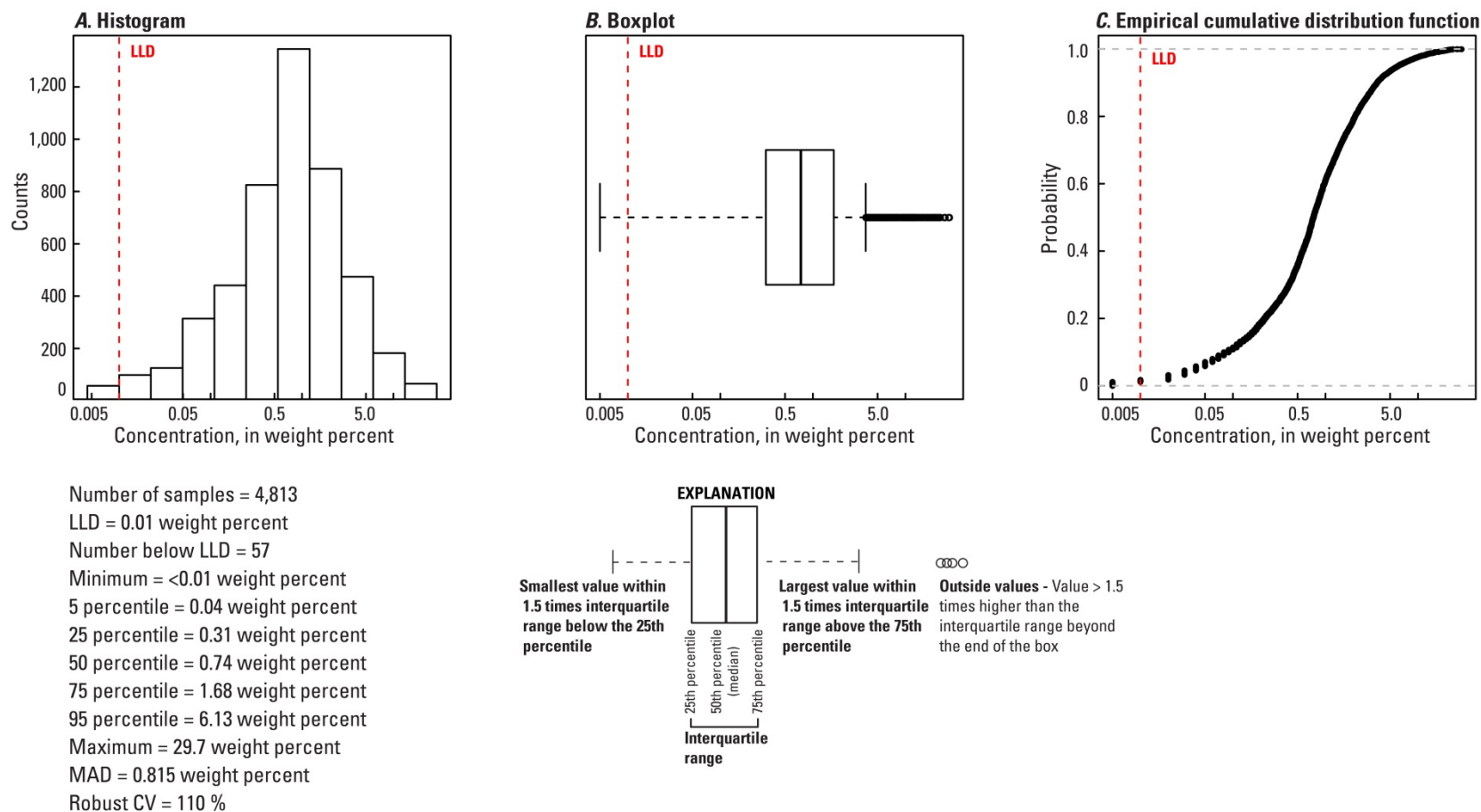


**Figure 23.** A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of calcium (Ca) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent; cm, centimeters).

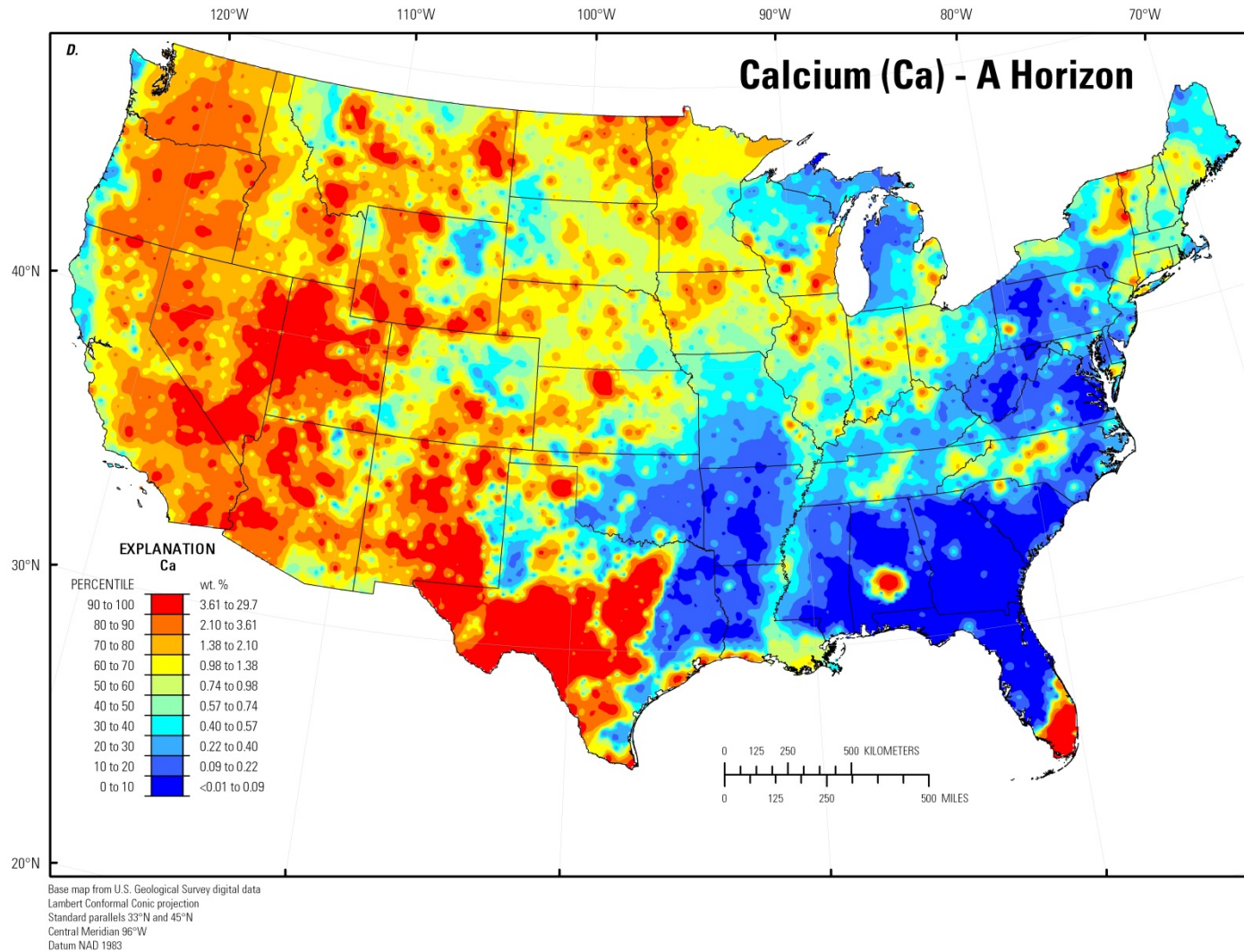


**Figure 23.** A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of calcium (Ca) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent; cm, centimeters).—Continued

## Calcium (Ca) in soil A horizon

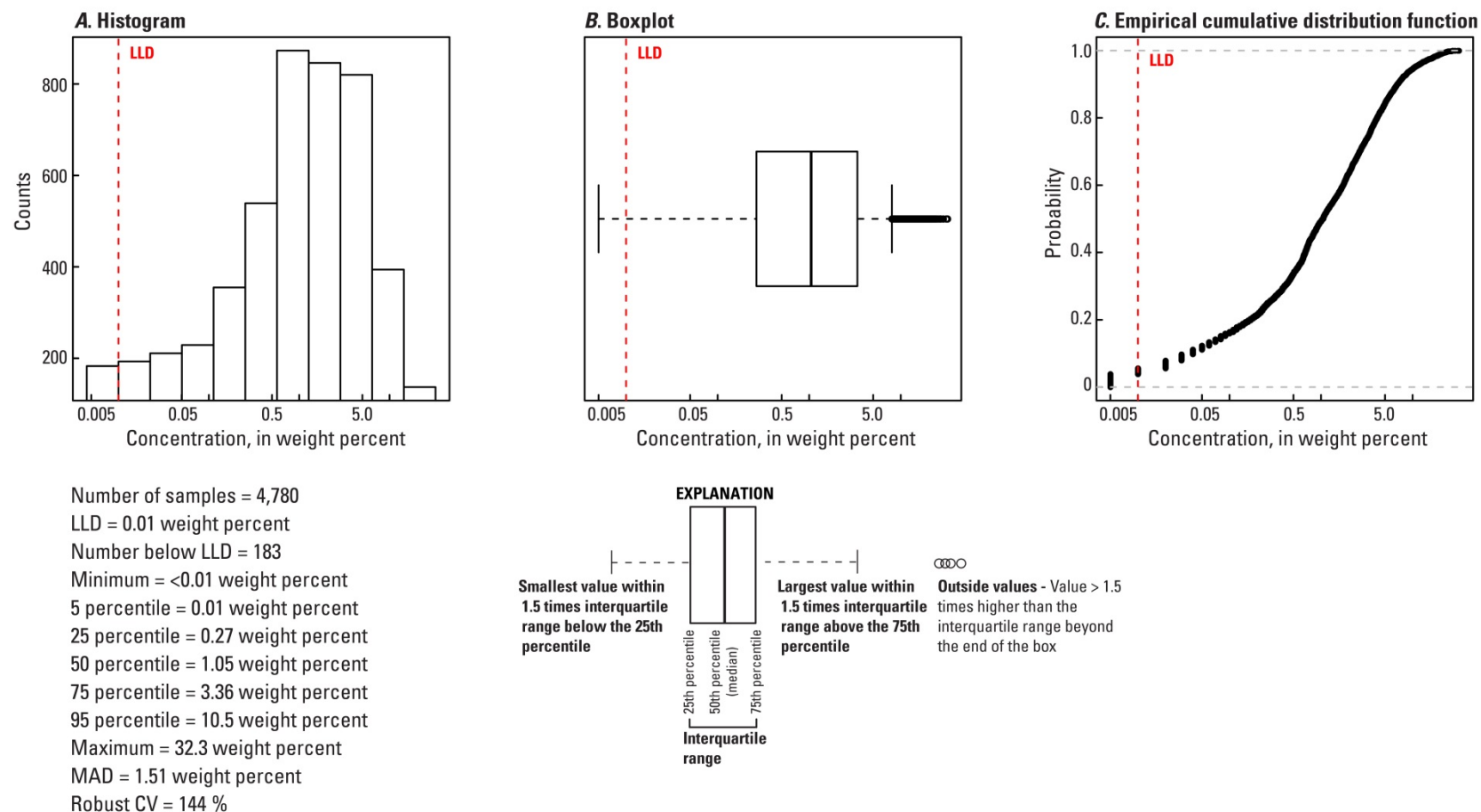


**Figure 24.** A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of calcium (Ca) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).

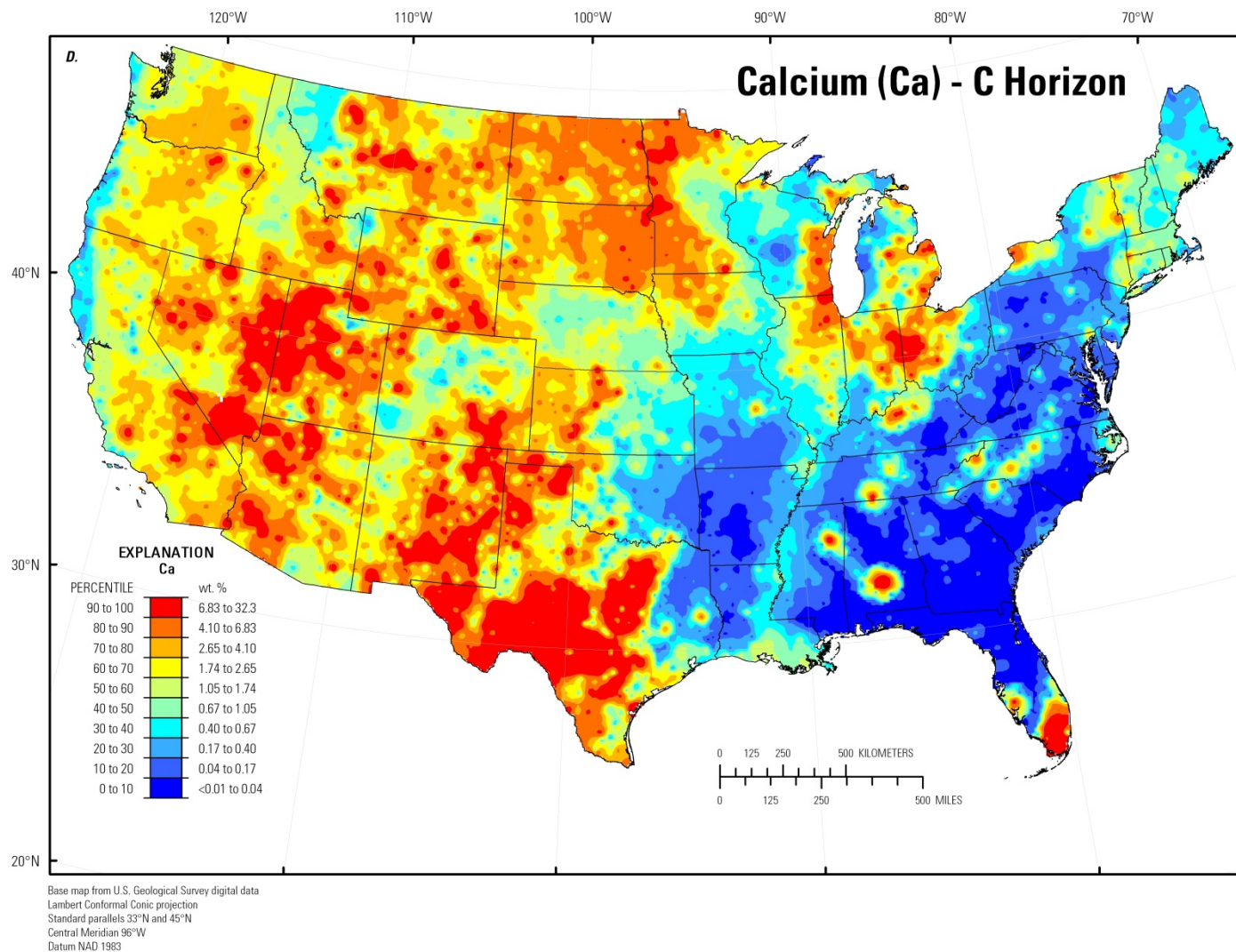


**Figure 24.** A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of calcium (Ca) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).—Continued

## Calcium (Ca) in soil C horizon



**Figure 25.** A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of calcium (Ca) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).



**Figure 25.** A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of calcium (Ca) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).—Continued