



Geochemical and Mineralogical Maps for Soils of the Conterminous United States

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Selenium (Se) in soil collected from a depth of 0 to 5 centimeters

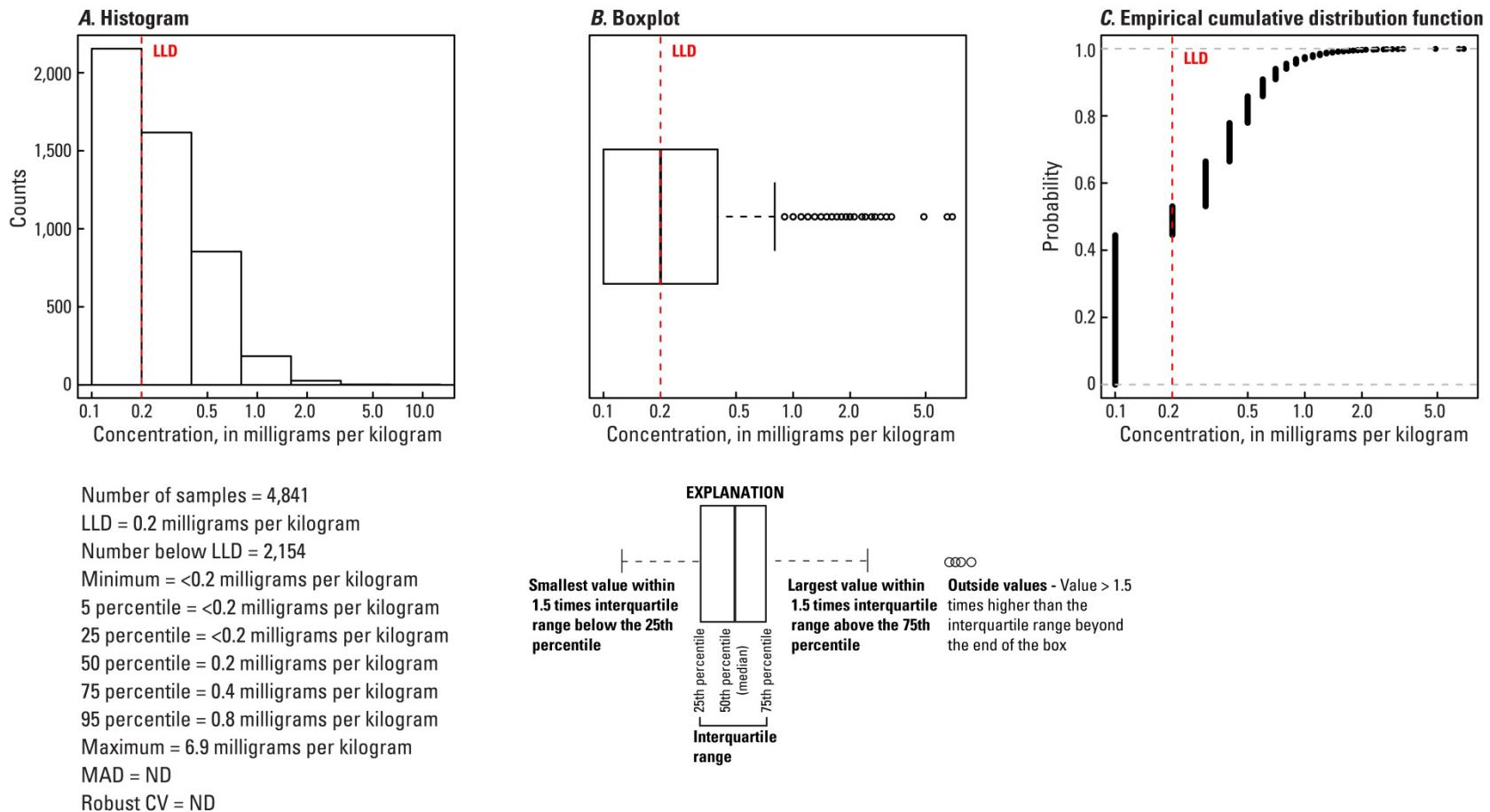


Figure 95. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of selenium (Se) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; ND, not determined; mg/kg, milligrams per kilogram; cm, centimeters).

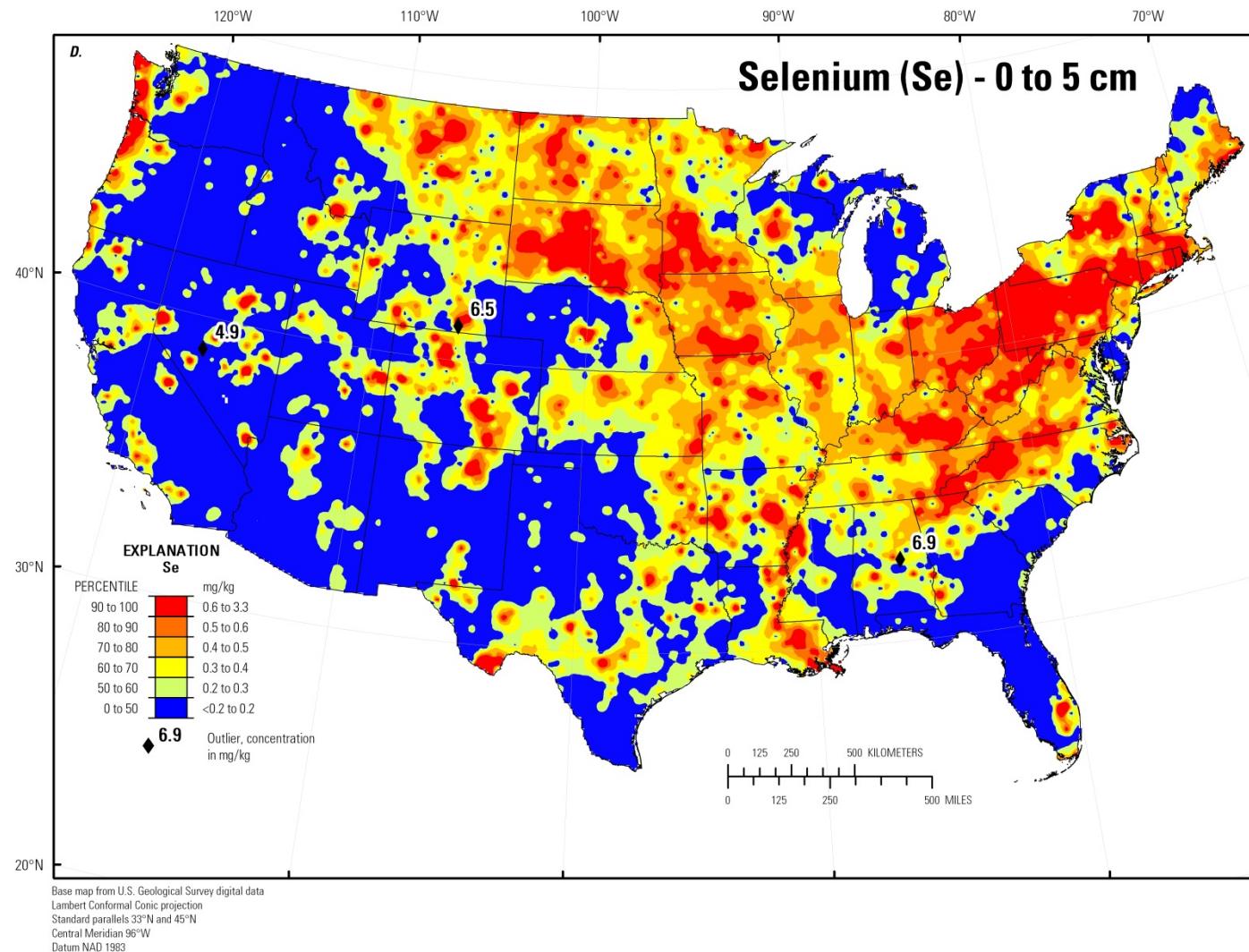
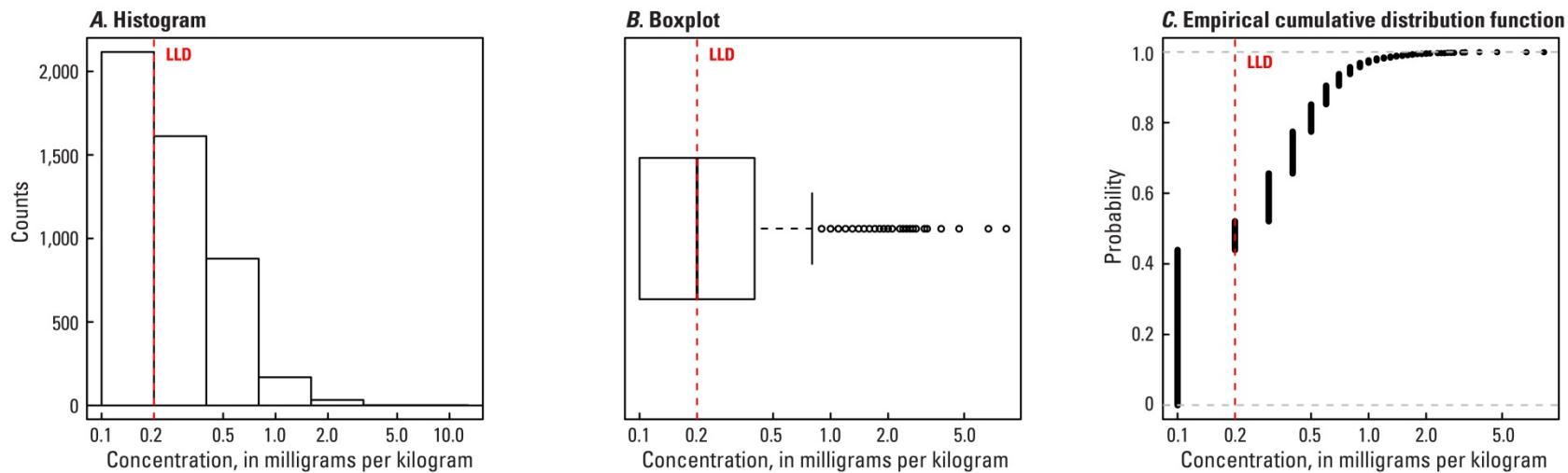


Figure 95. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of selenium (Se) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; ND, not determined; mg/kg, milligrams per kilogram; cm, centimeters).—Continued

Selenium (Se) in soil A horizon



Number of samples = 4,813

LLD = 0.2 milligrams per kilogram

Number below LLD = 2,116

Minimum = <0.2 milligrams per kilogram

5 percentile = <0.2 milligrams per kilogram

25 percentile = <0.2 milligrams per kilogram

50 percentile = 0.2 milligrams per kilogram

75 percentile = 0.4 milligrams per kilogram

95 percentile = 0.8 milligrams per kilogram

Maximum = 8.3 milligrams per kilogram

MAD = ND

Robust CV = ND

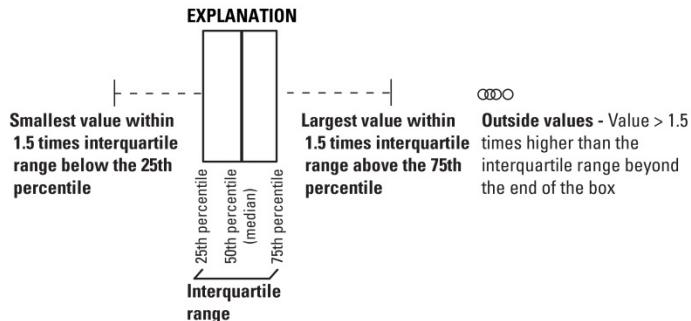


Figure 96. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of selenium (Se) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; ND, not determined; mg/kg, milligrams per kilogram).

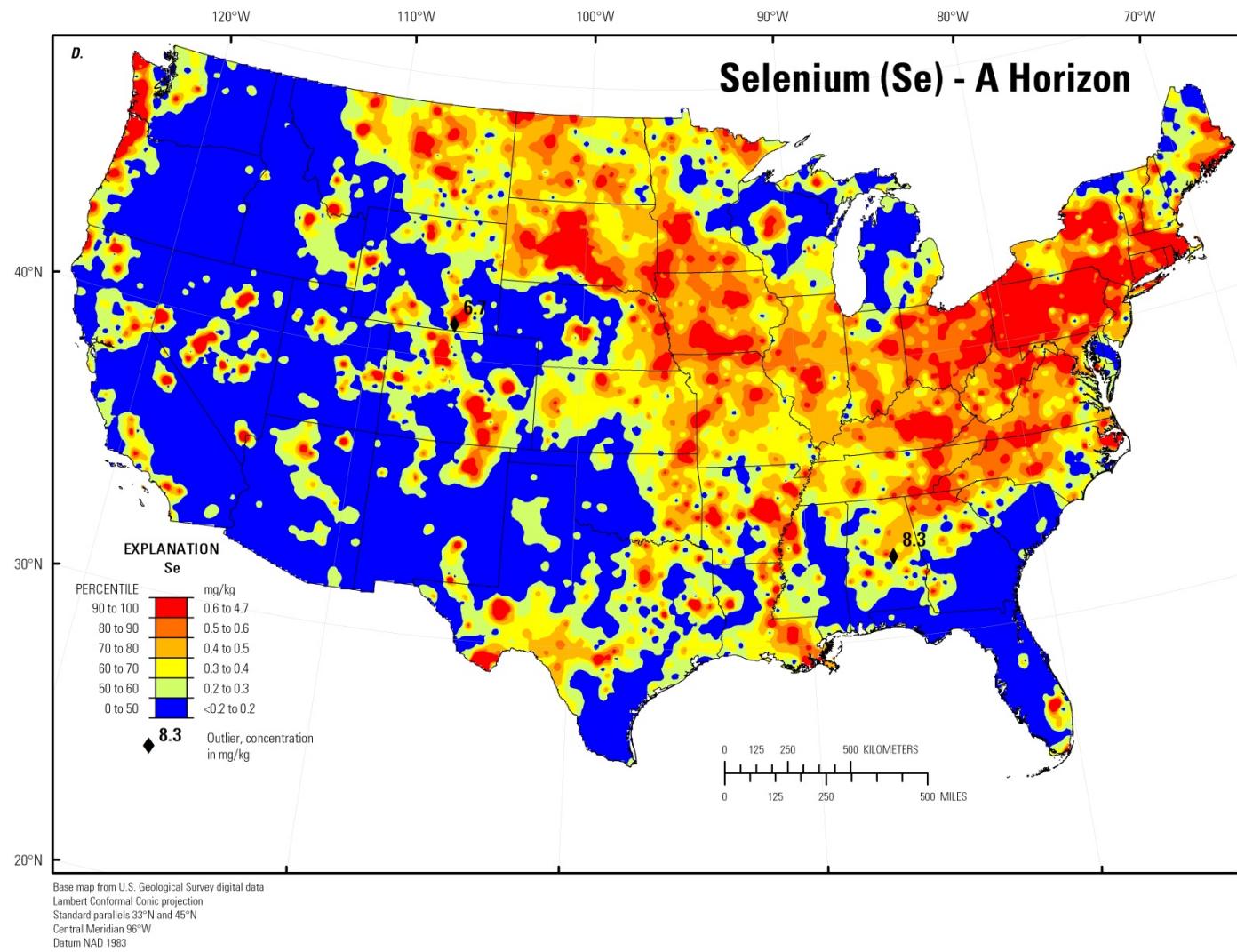
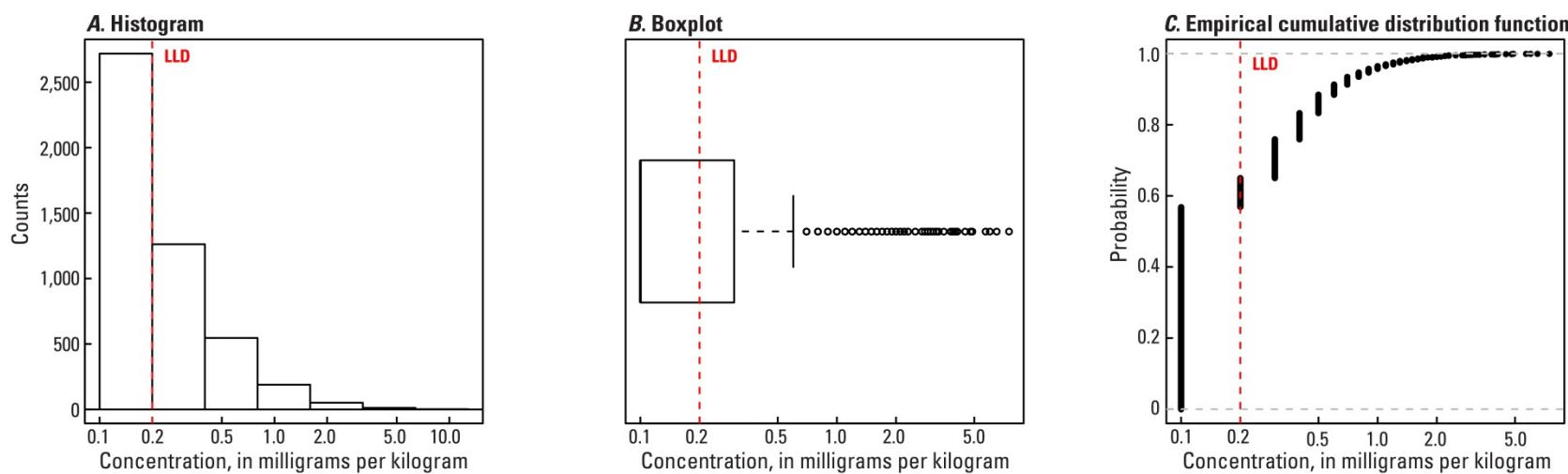


Figure 96. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of selenium (Se) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; ND, not determined; mg/kg, milligrams per kilogram).—Continued

Selenium (Se) in soil C horizon



Number of samples = 4,780

LLD = 0.2 milligrams per kilogram

Number below LLD = 2,718

Minimum = <0.2 milligrams per kilogram

5 percentile = <0.2 milligrams per kilogram

25 percentile = <0.2 milligrams per kilogram

50 percentile = <0.2 milligrams per kilogram

75 percentile = 0.3 milligrams per kilogram

95 percentile = 0.9 milligrams per kilogram

Maximum = 7.5 milligrams per kilogram

MAD = ND

Robust CV = ND

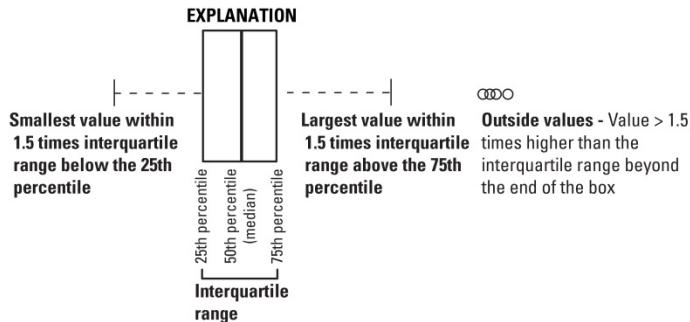


Figure 97. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of selenium (Se) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; ND, not determined; mg/kg, milligrams per kilogram).

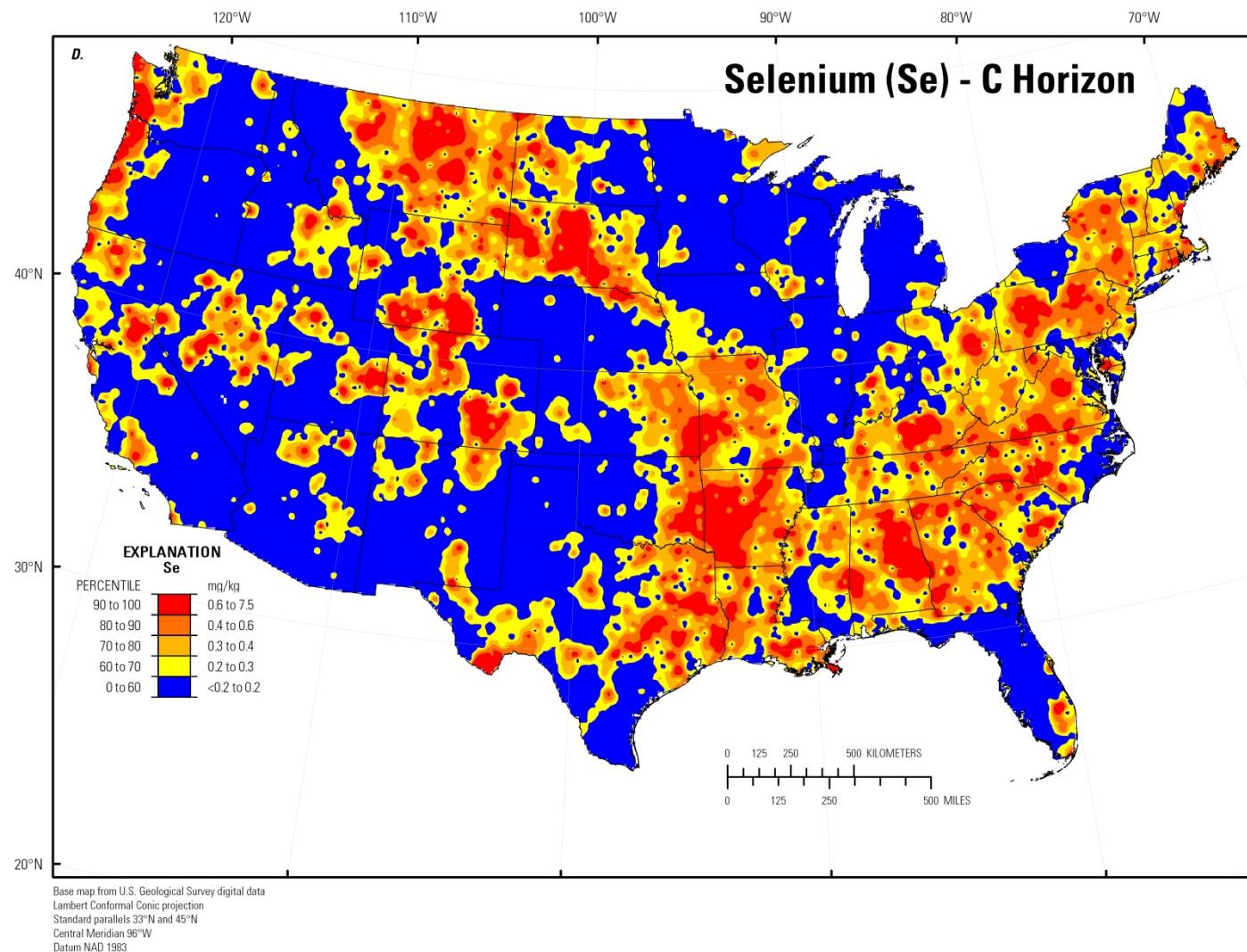


Figure 97. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of selenium (Se) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; ND, not determined; mg/kg, milligrams per kilogram).—Continued