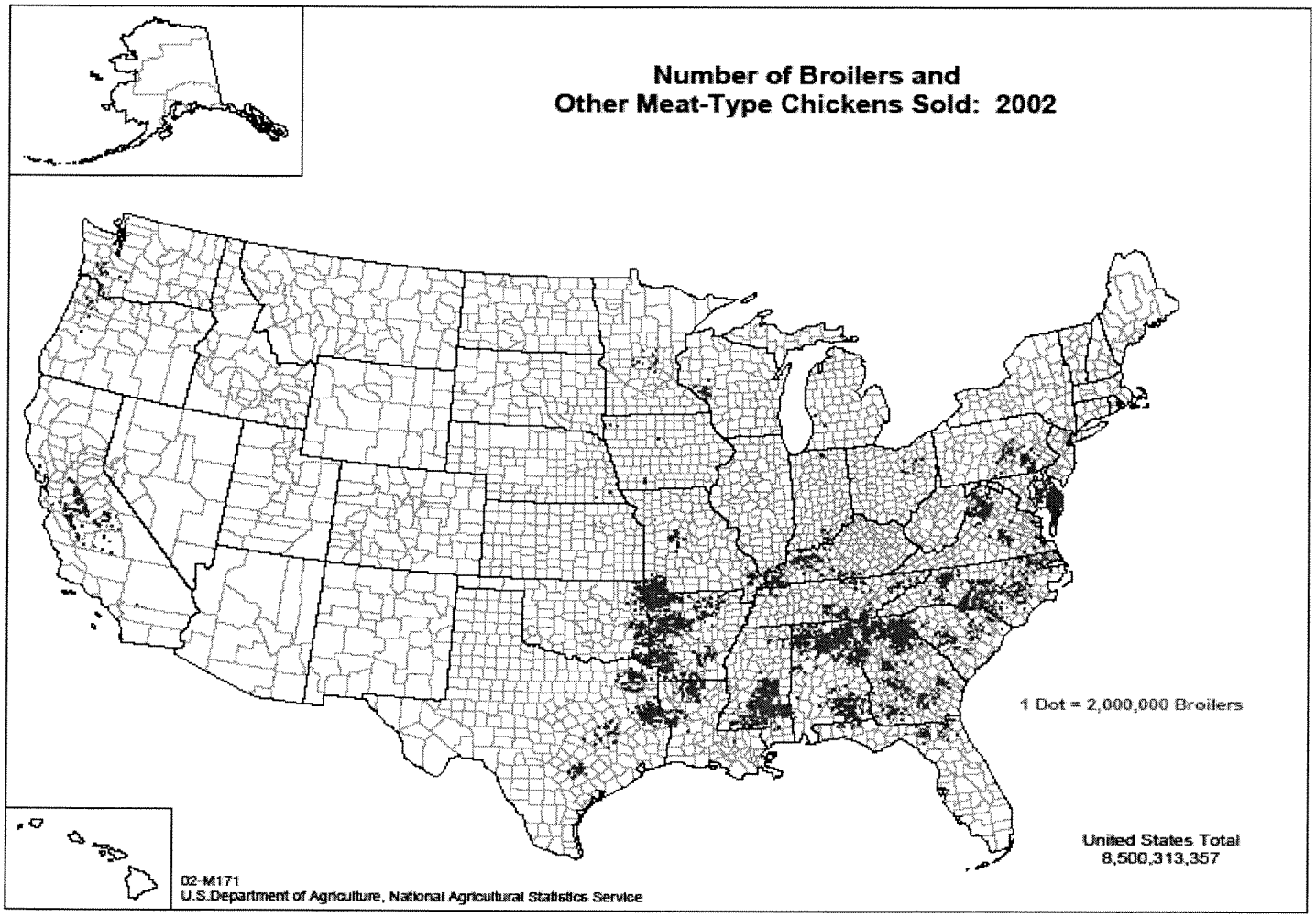
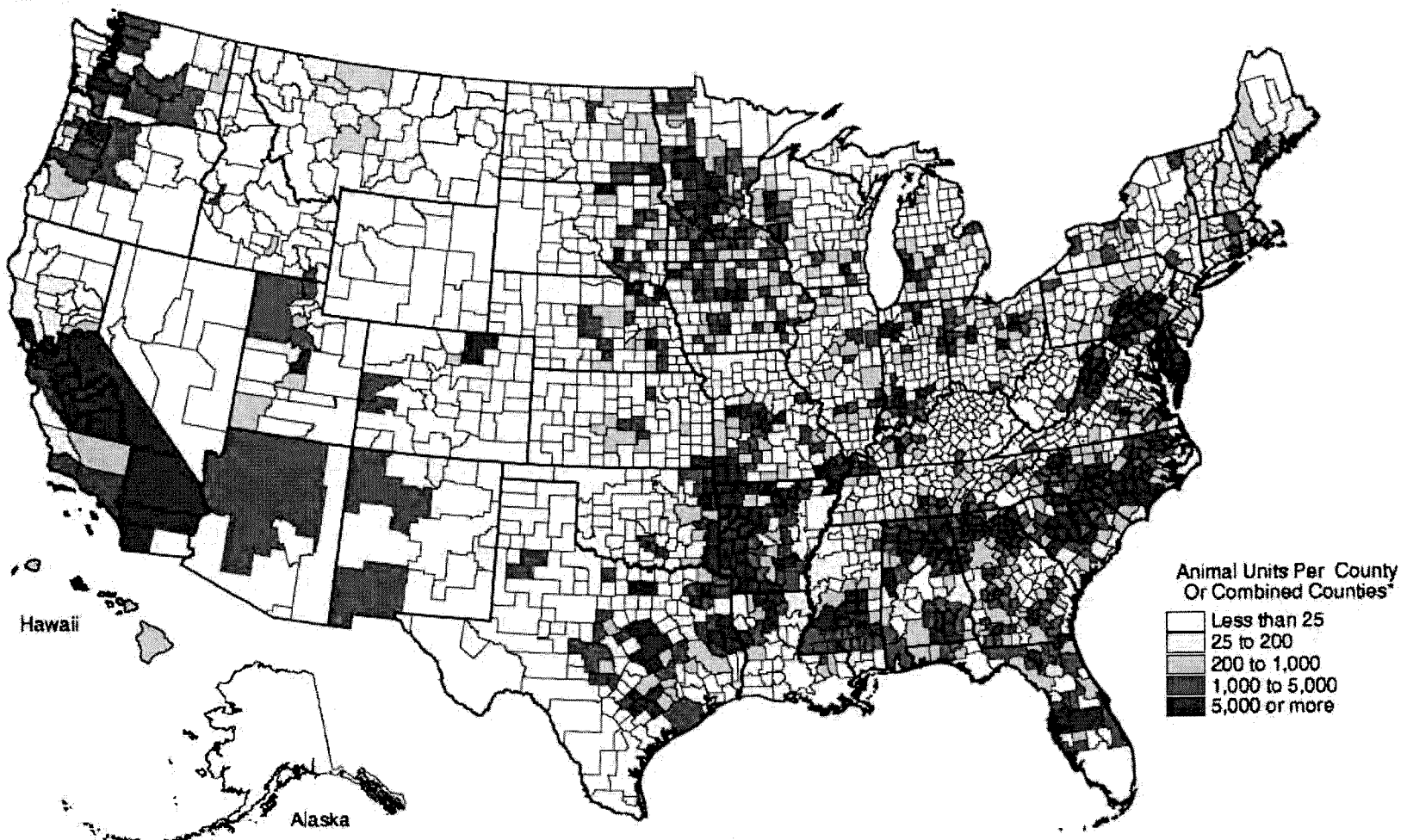
Poultry Industry Concentration



2002 Census of Agriculture

Regional Density: Poultry

Map 18 Animal units for confined poultry, 1997



Map ID: m5426

*Some counties are combined to meet disclosure criteria.

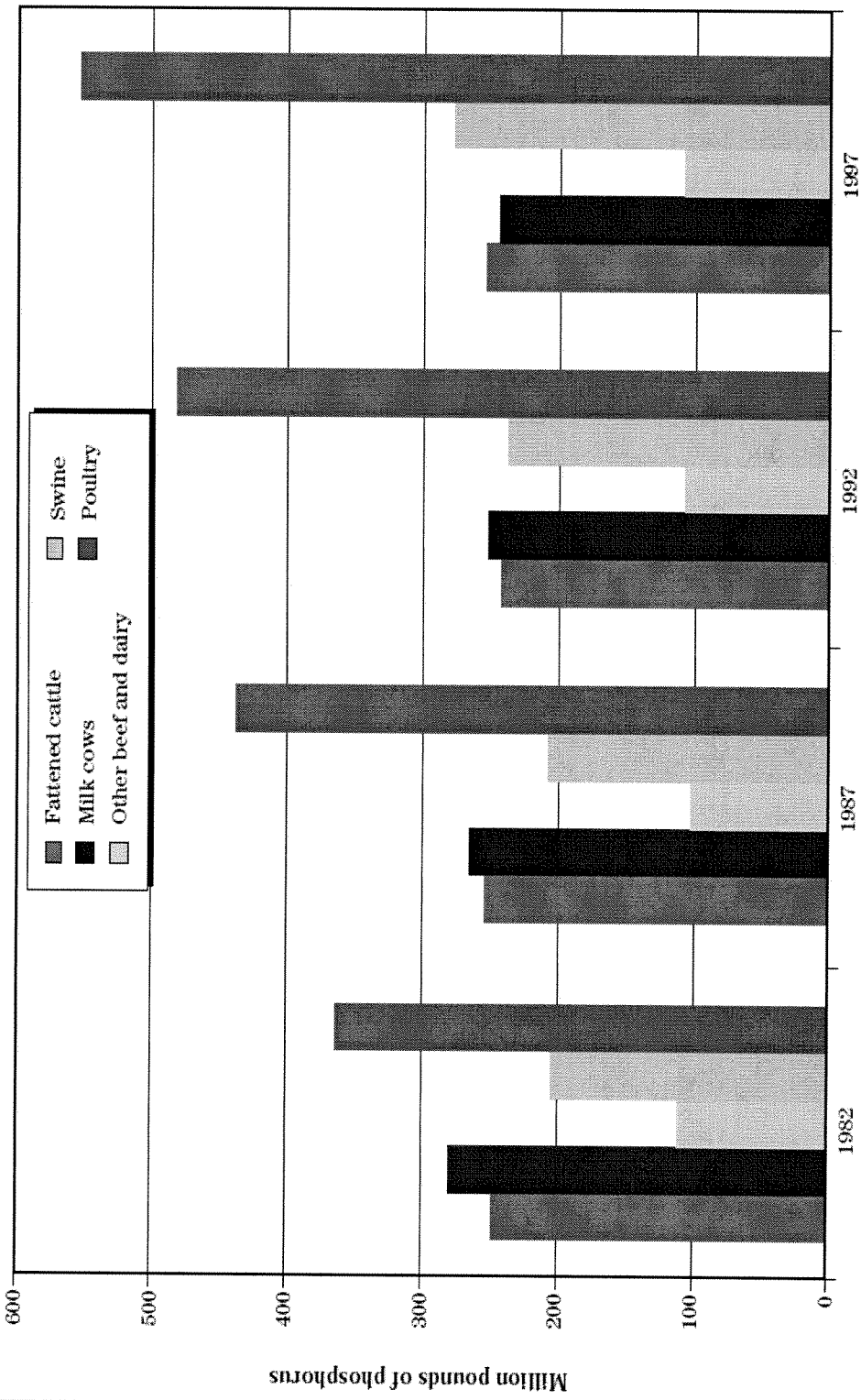
USDA Concerns

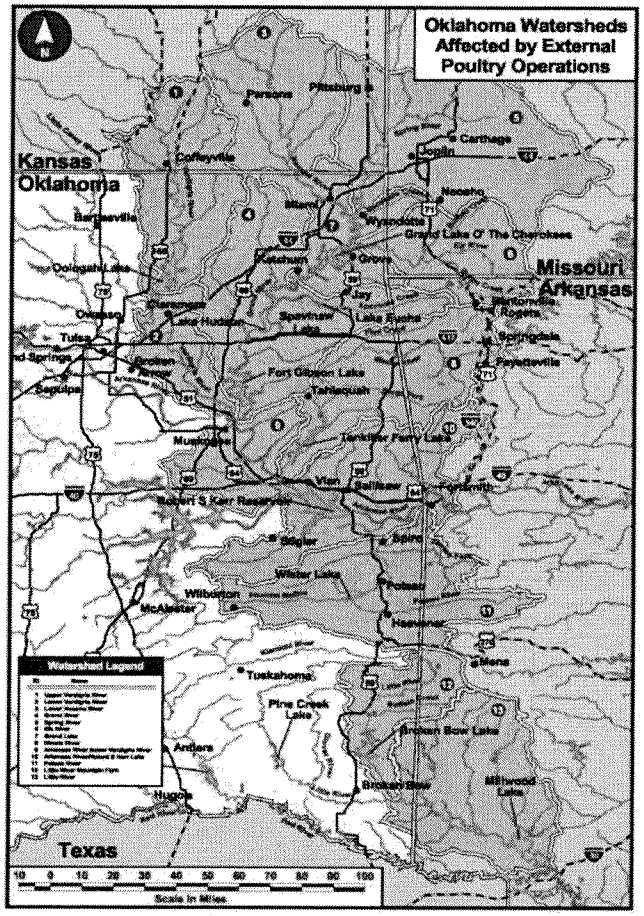
"Today there are serious concerns that agricultural runoff ... and erosion from high P soils may be major contributing factors to surface water eutrophication ... By the time these water-quality impacts are manifest, remedial strategies are difficult and expensive to implement; they cross political and regional boundaries; and because of P loading, improvement in water quality will take a long time."

Source: USDA Phosphorus and Eutrophication (July 1999).

Largest Source of Phosphorus: Poultry

Figure 22 Recoverble manure phosphorus (available for application), by livestock type



Poultry Water Quality Impacts in Oklahoma

- These thirteen watersheds are impacted at varying degrees by the disposal of large volumes of poultry waste.
- The Arkansas poultry industry alone generates an estimated 1.4 million tons of broiler waste each year.