Weights and Measures Department
FACT SHEET

FAIRFIELD COUNTY · OHIO AUDITOR
SERVE • CONNECT • PROTECT

Certifications and Training

All Certified Weights and Measures Inspectors in the State of Ohio:

- Pass 20 written tests
- Pass two exams within 18 months of hire
- Follow a nationally-consistent approach
- Complete annual continuing education hours

Nationally-Consistent Approach

All inspectors follow rules and procedures from Handbook 44, published by the National Institute of Standards & Technology (NIST). The National Conference of Weights and Measures and NIST establish the national standards for weights and measures in the U.S.

Locally-Driven

MOTTO: Equity in the maketplace

- County-based trust and authority
- County Auditor's name is on seal

State-Supported

- Equipment support
- Inspector training

Weights & Measures Facts

- All standard weights currently derive from the kilogram (Ex. 1lb = 0.45359237 kg).
- The kilogram standard is no longer a physical object that other objects are measured against; it is now defined by fixing the numerical value of the Planck constant to be exactly 6.62607015 x 10^-34 kg·m^2·s^-1.
- This means that the exact weight of a kilogram can be replicated in any lab, and there is no physical standard that can degrade & change the standard weight of everything.
- The term mass is derived from the Greek word maza, meaning irregular-shaped lump (pertaining to a sort of dough).
- In Fairfield County, there are 1600 gasoline pumps inspected annually.