

2024 Division of Annual Report Standards



Submitted by:

Undersecretary Layla R. D'Emilia, Office of Consumer Affairs and Business Regulation
Commissioner David P. Rodrigues, Massachusetts Division of Standards

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Letter from Commissioner

September 11, 2025

Her Excellency the Governor Maura Healey
Massachusetts State House
24 Beacon Street, Room 280
Boston, MA 02133

Re: Division of Standards 2024 Annual Report

Dear Governor:

On behalf of Undersecretary and Director of the Office of Consumer Affairs and Business Regulation Layla R. D’Emilia, pursuant to MGL c. 98 § 57, I am pleased to submit the Division of Standards Annual Report for Calendar Year 2024.

As you know, the Division provides weights and measures, licensing, and metrology services on behalf of residents of the Commonwealth as part of the critical consumer protection functions of the Executive Office of Economic Development and the Office of Consumer Affairs and Business Regulation. By ensuring device accuracy standards and enforcing statutes and regulations related to price disclosure, item and unit pricing, and fuel delivery, the Division helps ensure that the people of Massachusetts are confident that what they pay for is what they receive, and retailers stay competitive and successful.

The Division operates an Echelon III metrology laboratory that is certified annually by the National Institute of Standards and Technology which calibrates and certifies metrological equipment – such as weight kits, volumetric provers, and linear test measures – that are used regularly in private commercial enterprise and by local weights and measures sealers across Massachusetts. Division metrologists additionally train and test aspiring local sealers, assist with complex calibrations in the field, and maintain the State Metrology Lab located in Ashland.

In addition to the Division’s weights and measures and metrology mission, we are also responsible for the issuance and renewal of several important statutory licenses which represent a broad spectrum of industry in Massachusetts including auctioneers, hawkers and peddlers, sellers of motor fuels and lubricating oils, and auto glass and repair shops. In 2024, the Division issued or renewed 10,129 permits and licenses resulting in \$2,015,911.00 revenue collected for the Commonwealth’s General Fund.

Finally, as a critical component of the Division’s work, our team of compliance officers and supervisors regularly perform compliance and enforcement activities across Massachusetts to ensure conformity with applicable pricing and weights and measures laws and regulations and in response to complaints received directly from consumers.

This important work directly addresses concerns brought forth to the Division regarding price disclosures, unit pricing, mass and volume values, and license status to save consumers money and deliver peace of mind in the marketplace.

We look forward to continuing this work on behalf of Massachusetts consumers and businesses in 2025.

Sincerely,



David P. Rodrigues
Commissioner and Deputy Director
Massachusetts Division of Standards

cc: Lieutenant Governor Kim Driscoll
Secretary Eric Paley, Executive Office of Economic Development
Undersecretary Layla D'Emilia, Office of Consumer Affairs and Business
Regulation
Senator Mark Montigny, Chair, Senate Committee on Post Audit and Oversight
Rep. John Mahoney, Chair, House Committee on Post Audit and Oversight
[Online General Court Submission Portal]

The Division

The Division of Standards (Division) is a state regulatory agency under the Office of Consumer Affairs and Business Regulation (OCABR) established by M.G.L. c. 24A, § 5. The Division is the Commonwealth's weights and measures agency, responsible for ensuring the accuracy of weighing and measuring devices used in the sale of food, fuels and other products.

Responsibilities

The Division is statutorily required to annually test and certify all weighing and measuring devices used in commerce in towns with a population of less than 5,000 and may provide such services in those towns with between 5,000 and 20,000 residents that choose to contract with the Division for such services. In addition, the Division operates the Commonwealth's item pricing waiver program, pursuant to Chapter 94, Sections 184B through 184E, issuing waivers to qualifying retailers and enforcing the requirements of that program, allowing participating retailers to convert from an individual pricing system to a consumer price scanner system.

The Division also conducts price verification inspections, to enforce the provisions of Chapter 98, Section 56D, and unit pricing inspections, to enforce the provisions of Chapter 6, Section 115A. Pursuant to Chapter 98, Section 28A, the Division inspects all propane and liquified gas meters. Pursuant to Chapter 94, Sections 303G through 303L, the Division tests and issues permits for antifreeze products. Additionally, the Division certifies and trains municipal sealers, pursuant to Chapter 98, Section 29, and oversees municipal weights and measures programs, pursuant to Ch. 98, Section 36A.

In addition to its weights and measures functions, the Division regulates the sale of gasoline and lubricating oils, including the inspection of all fuel dispensing equipment for required markings pertaining to grade and brand, and the delivery of propane and heating oil. The Division also tests and approves coin operated devices; issues permits and licenses to auctioneers, transient vendors, promoters, hawker/peddlers (such as food trucks), motor fuel and oil retailers; and registers auto damage & glass repair shops.

Metrology Laboratory

The Division operates the Commonwealth's Metrology Laboratory, which tests and calibrates a range of weight, volumetric, and linear measuring devices for both municipal and private sector agencies. Our calibration services involve comparing the measurement values of weighing and measuring devices to calibration standards of known accuracy. All Massachusetts municipalities who conduct weights and measures inspections must have their weights, volumetric and linear measures and instruments tested, adjusted, and certified by the Metrology Laboratory, pursuant to M.G.L. c. 98, Sections 32 and 40.

The Division Metrology Laboratory's scope of measurement capabilities offered are:

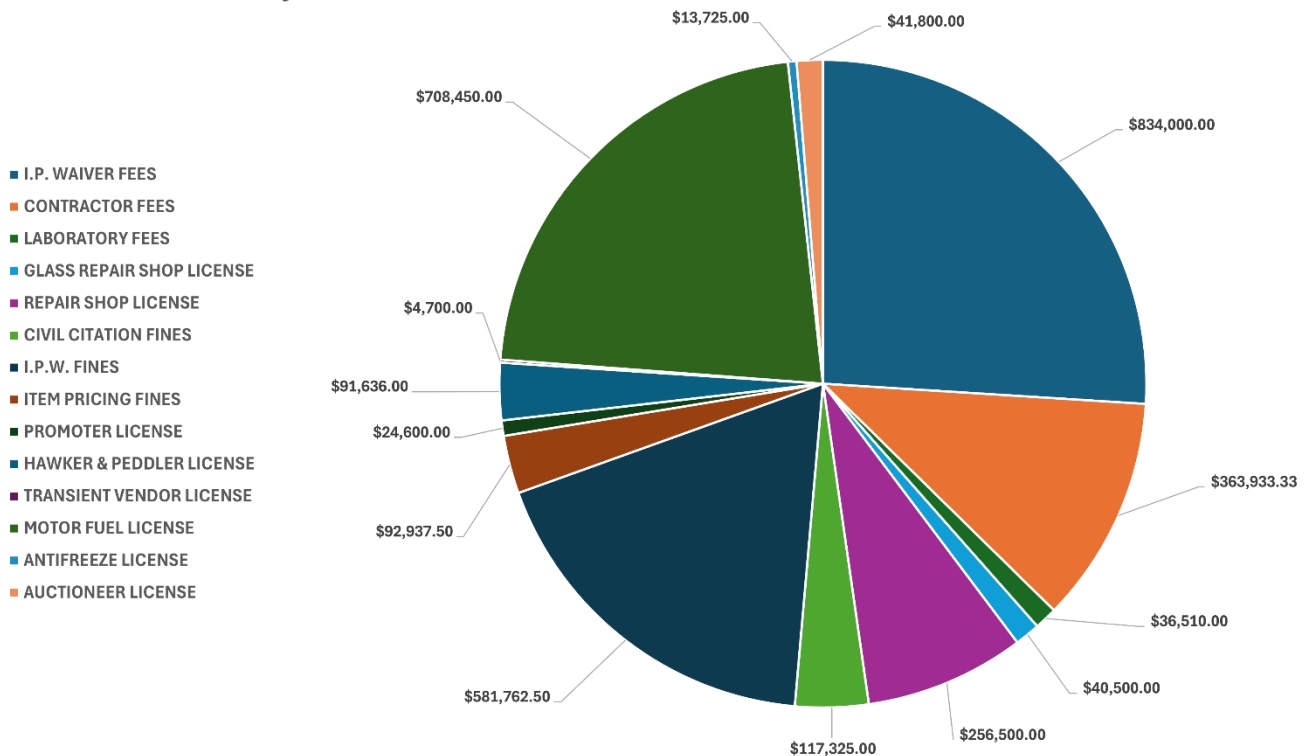
- Mass Echelon III
 - 30 kg to 1 mg
 - 1000 lb. to 0.0001 lb.
 - 8 oz to 0.03125 oz
 - 12 oz ap to 0.5 gr
 - 50 oz t to 0.005 oz t
- Volume Transfer, II
 - 100-gal, 5-gal
- Field Calibrations - Volume Transfer, II
 - 100-gal

Finance

In partnership with OCABR, the Division handles budget preparation and controls, purchasing, accounts receivable and accounts payable, payroll, and other administrative financial services.

The Division's budget for Fiscal Year (FY) 2024 was \$2,830,437.00. Revenue collected in calendar year (CY) 2024 was \$3,208,379,33.

Revenue Collected by the Division



Citations, Fines and Violations

The Division issues scanner waiver and item pricing violations pursuant to M.G.L. Chapter 94 § 184B-184E. The Division may issue citations and fines for missing consumer price accuracy notices at registers, an insufficient number of scanners, failed scanners, missing shelf tags or signs, and pricing errors.

- Division Compliance Officers conducted 215 store inspections pertaining to item pricing and price verification, which resulted in 21 violations being issued and \$92,937.50 in fines.
- Compliance Officers inspected 864 scanner waiver stores, which resulted in 482 violations being issued and the assessment of \$581,762.50 in civil penalties.
- Other civil citations issued by the Division totaled \$117,325.00 in penalties.

Human Resources

The Division works closely with Executive Office of Economic Development's Senior Human Resources (HR) Business Partner on all HR matters. The Senior HR Business Partner, managers, and supervisors are responsible for supporting the enhancement and development of staff competencies which are a part of each employee's performance review. In partnership with the Senior HR Business partner, the Division ensures that all employees complete all required training, that staff complete performance reviews and quarterly diversity reporting requirements in a timely manner. The development and retention of staff is critical to the success of the Agency.

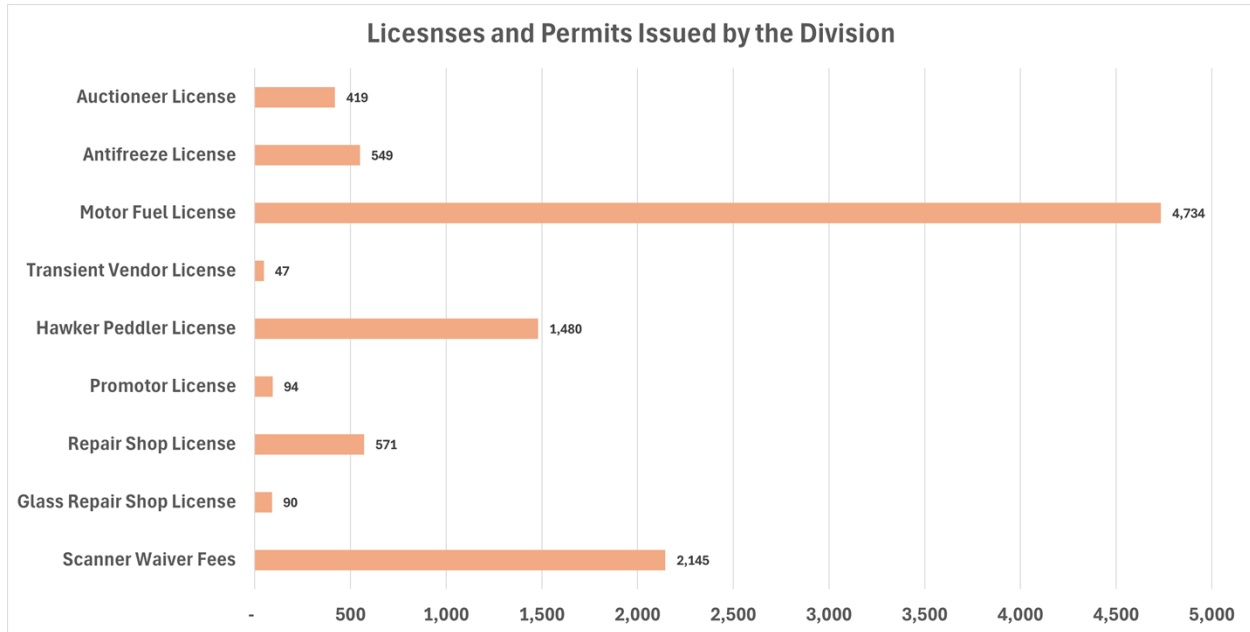
Permits and Licenses Issued by the Division

The Division issues the following permits, licenses, and registrations pursuant to statutory authorization:

- *Anti-freeze (AF) Permit*: An AF Permit is required to sell anti-freeze within the Commonwealth.
- *Auctioneer License (AU)*: An AU License is required to act as an auctioneer in the Commonwealth.
- *Auto Glass Repair (RG) License*: All motor vehicle glass repair shops must register with the Division and adhere to the requirements contained in Chapter 100A.
- *Auto Repair Shop (RS) License*: All motor vehicle damage repair shops must register with the Division and adhere to the requirements contained in Chapter 100A.
- *Hawker Peddler (HP) License*: A HP License is required for individuals who sell goods on foot or from a vehicle.
- *Motor Fuel and Automotive Lubricating Oil (MF) License*: A MF License is required to sell motor fuel or automotive lubricating oil.
- *Promoter (PR) License*: A PR License is required by the organizer of an event who rents, lease or grants a space to goods vendors.
- *Scanner Waiver (SW)*: A SW license allows stores to sell groceries without a price label affixed to every item.

- *Special Hawker Peddler for the Vision Impaired & Veterans (HP) License:* A Special HP License is for vision impaired & disabled veteran hawker peddlers.
- *Transient Vendors (TV) License:* A TV License is required for anyone selling goods from a single fixed location for less than one year.

In CY 2024, the Division issued or renewed 10,129 permits and licenses resulting in \$2,015,911.00 revenue collected.



Inspection and Testing

The Division is required to administer the annual testing and certification of all commercial weighing and measuring devices in Massachusetts. Devices tested by the Division include:

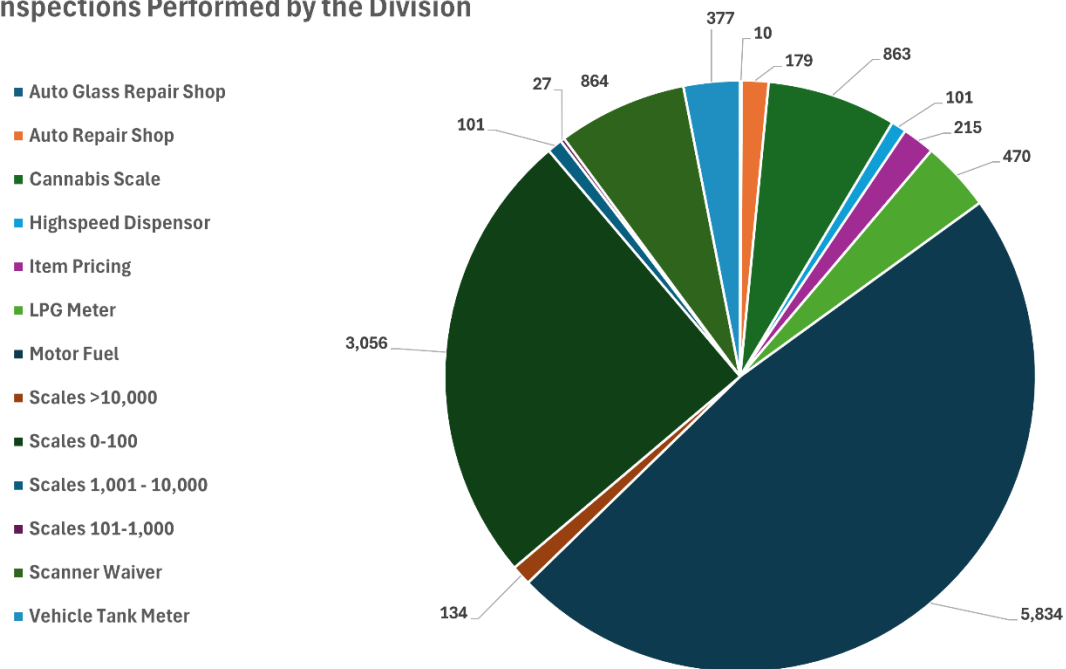
- Small and large capacity scales
- Motor fuel dispensers
- Vehicle tank meters used in the sale of liquid fuels
- Propane meters
- Milk tanks
- Coin operated amusement devices
- Reverse vending machines used for recycling soft drink containers
- Price scanning systems
- Law enforcement axle load scales

The Division also inspects pre-packaged food and non-food products to ensure that the net weight displayed is accurate and within acceptable legal metrology parameters.

2024 Division Inspection Highlights

- Conducted 12,231 inspections which included scales, motor fuel dispensers including price signs, fuel oil deliveries, pre-packaged commodities, and licenses.
- Inspections carried out by the Division's compliance officers included 404 in municipalities with a population less than 5,000; and 1,076 in municipalities under contract with the Division.

Inspections Performed by the Division



Standing Advisory Committee

The Division provides assistance and certification to the community of municipal sealers across the Commonwealth through a Standing Advisory Committee, established by Chapter 98, Sections 1 and 29. The Standing Advisory Committee is chaired by the Division's Commissioner and includes a designee from each of the following organizations: the Massachusetts Weights and Measures Association, the Eastern Massachusetts Weights and Measures Association, the Western Massachusetts Weights and Measures Association, and the City of Boston's Department of Inspectional Services.

The Standing Advisory Committee is charged with developing and revising the certification and continuing education standards and requirements that the Division develops both for the Division's inspectors and for municipal sealers and deputy sealers (Local Sealers). In 2024, the Standing Advisory Committee met in October and agreed to adopt a new filling form that the Division was developing to facilitate Local Sealers' filing of the annual reports required by Chapter 98, Section 37. The Standing Advisory Committee also discussed options for sealer training and specialty certifications.

State and Municipal Sealer Program

State Sealer Program

In 2024, the Division conducted weights and measures inspections in the 100 Massachusetts municipalities with 5,000 or fewer residents pursuant to M.G.L. c. 98, § 35(a)(2); and 59 municipalities contracted with the Division pursuant to M.G.L. Chapter 98, § 33A. In addition, the Division conducted weights and measures inspections in 15 communities that do not have a Local Sealer appointed.

Weights and measures services provided by the Division consist of testing, sealing and inspecting those commercial weighing and measuring devices located in the municipality; inspecting retail businesses operating in the municipality for compliance with unit pricing, item pricing, or price advertising requirements; and investigating consumer complaints against businesses operating in the municipality.

Municipal Sealer Program

Municipal Sealers of Weights and Measures (Sealers) test, seal and inspect commercial weighing and measuring devices located in the municipality where they are locally appointed; after passing written and practical examinations administered by the Division, these individuals inspect retail businesses operating in their municipality for compliance with the unit pricing, item pricing, or price advertising requirements; and investigate consumer complaints about businesses operating in their municipality. Sealers can perform sealer duties in multiple communities.

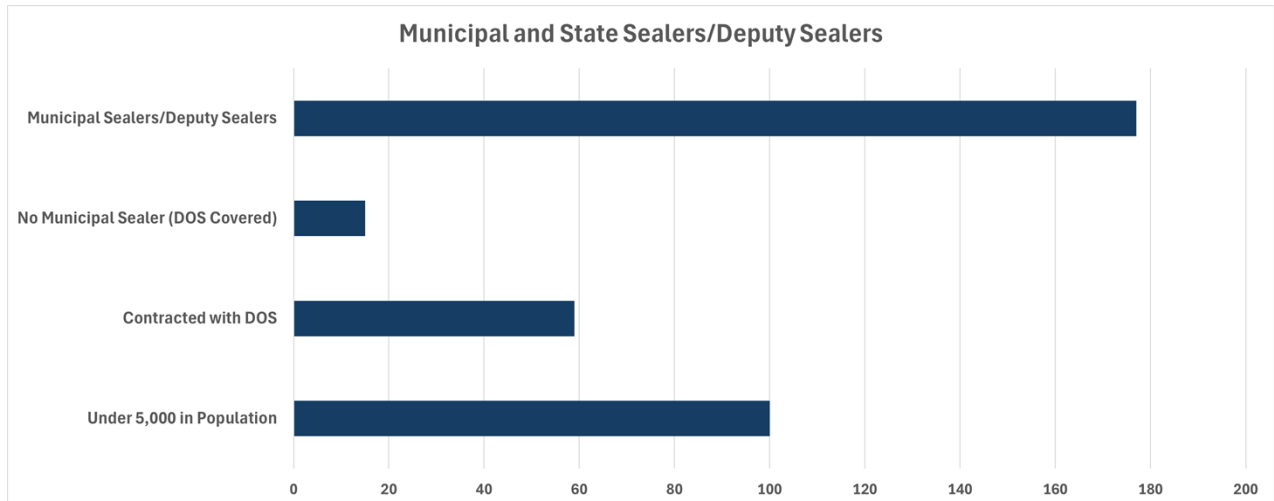
The Division administered sealer certification tests, which include both a written and field examination, and certified 8 newly appointed Local Sealers in 2024. There are a total of 241 Sealers/Deputy Sealers in Massachusetts. In addition, the Division oversees the performance of all municipal weights and measures programs, pursuant to M.G.L. Chapter 98, § 36A.

Municipal Sealer Annual Report

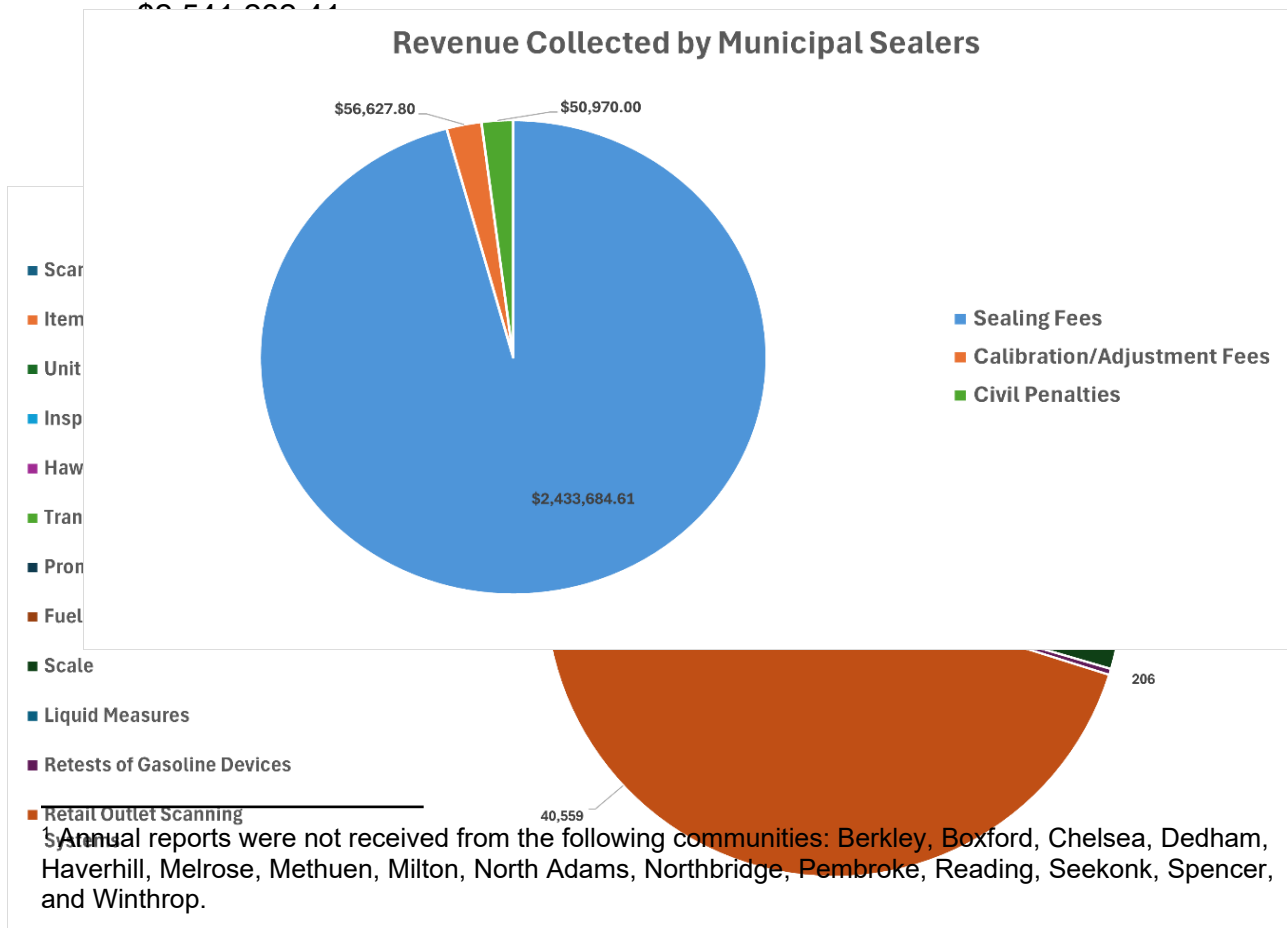
Pursuant to M.G.L. Chapter 98 § 37, each municipality shall annually, submit a written report that describes the components of the municipality's weights and measures program, including, but not limited to, an inventory of all weighing and measuring devices and equipment and the date of the most recent certification for each device or piece of equipment, inspection results by category, results of tests performed pursuant

to section 56D, total citations issued by category, and the net loss restored to consumers and merchants as a result of its enforcement program.

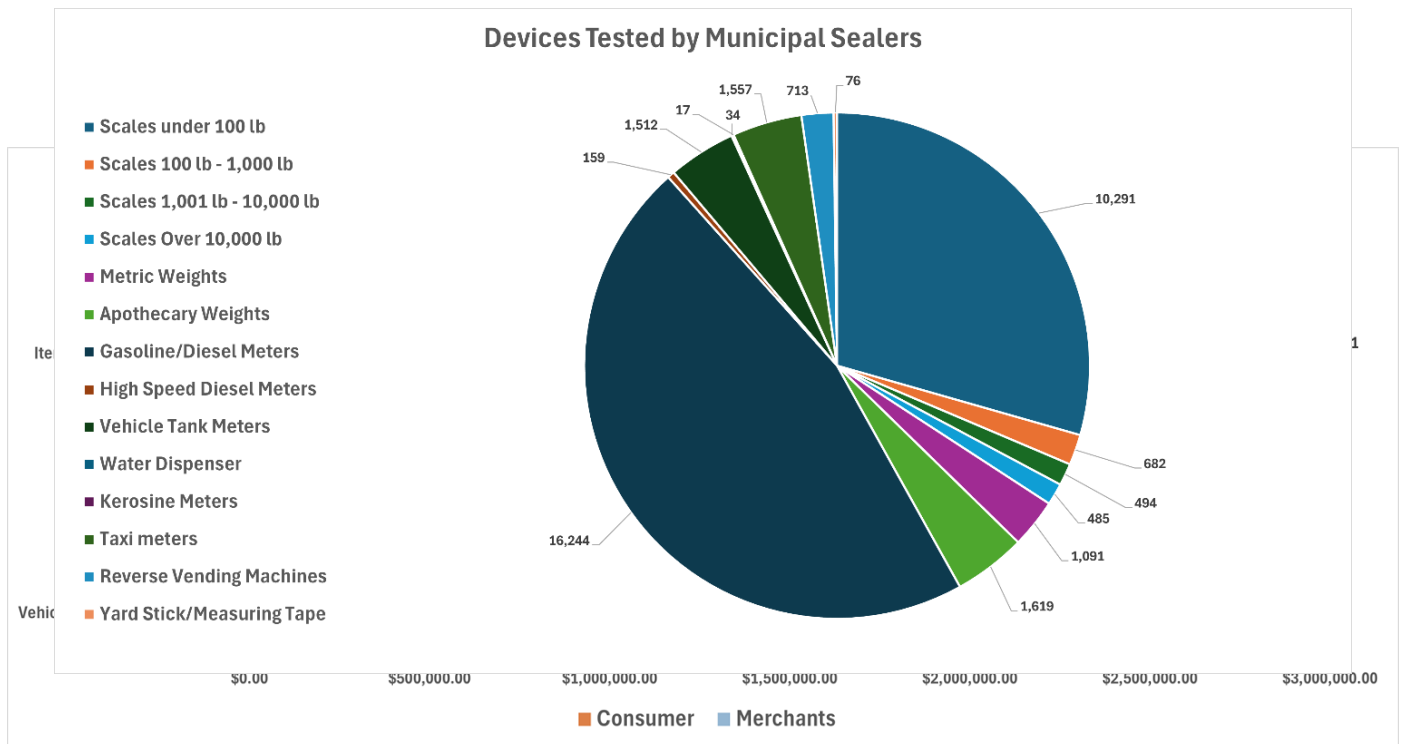
- Sealer Annual Reports for calendar year 2024 were filed by 176¹ municipalities that have a Sealer. Municipalities with a population less than 5,000 or under contract with the Division were not required to file an Annual Report with the Division. Data reported by Sealers is highlighted below.



- Revenue from fees and citations issued by Municipal Sealers totaled \$2,514,688.41



- Sealers tested & certified 34,974 commercial weighing and measuring devices in 177 municipalities in 2024.



- Through inspections and testing Sealers saved consumers \$4,081,721.99 and saved merchants \$2,368,861.62.

Protect and Educate Consumers

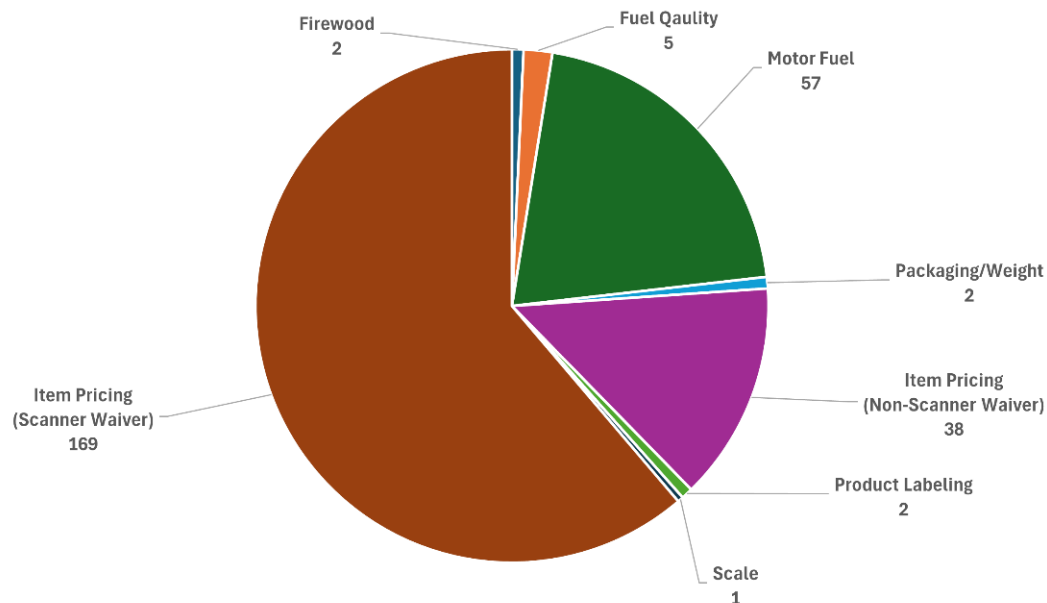
- Establish and enforce accuracy requirements and standards relating to weighing and measuring devices and educate consumers about these protections.
- Mediate consumer complaints, including but not limited to price accuracy, fuel sales, auto repair shops, and other complaints.
- In every 24-month period, examine and test the operation of all automated retail checkout systems in all establishments with three or more cash registers.

Investigate and Resolve Consumer Complaints

The Division investigates complaints received from consumers regarding permits and licenses issued by the Division, as well as complaints regarding scanner waivers, item pricing and unit pricing.

In 2024, the Division responded to 289 consumer complaints on various issues overseen by the Division.

Complaints Filed with the Division



Inform and Advocate

- Disseminate Division regulations and policies, and provide other information as requested by consumers, licensees, public officials, the Legislature, the Administration, and other stakeholders.
- Monitor and evaluate proposed state legislation and provide feedback and recommendations.
- Propose state legislation where appropriate to adapt to changing technologies and market conditions.
- Analyze new technologies and market developments in order to determine their impact on consumers and the competitive marketplace.
- Participate in regional and national regulatory groups to ensure that Massachusetts's interests are represented.

2024 Division Accomplishments

- A new Commissioner of the Division was appointed in early February following the retirement of the previous agency head.
- The Division underwent an organizational review and realignment that included the appointment of a Deputy Commissioner, onboarding of a Chief Administrative Officer, and an Office Support Specialist. In addition, the Division reviewed the duties of 5 Compliance Officers (2 female & 3 male) and reclassified the positions from Compliance Officer I to Compliance Officer II.
- 2024 National Price Verification Survey
The Division participated in the 2024 National Price Verification Survey, organized by the National Conference on Weights and Measures (NCWM) and the U.S. Department of Commerce's National Institute of Standards

and Technology (NIST) Office of Weights and Measures (OWM). This national price verification survey was performed by state and local weights and measures agencies from 26 states, including Massachusetts.

The survey's inspection phase occurred from January 1, 2024, through February 29, 2024. DOS inspectors and their local partners from Westfield, Southwick, Taunton, Holliston, and Barnstable randomly chose stores to inspect. Then, within each store, random items were scanned to determine whether the price at the register matched the price displayed on the retailer's website or app. When prices do not match, it is counted as a price error.

DOS inspections for the 2024 National Price Verification Survey included these retail categories:

- Automotive
- Big Box/Department
- Clothing
- Convenience
- Dollar/Discount
- Drug/Pharmacy
- Grocery/Supermarket
- Home Center
- Supercenter
- Warehouse/Club

Of the 26 U.S. states participating in this effort, Massachusetts landed at tenth for average price error percentage, around 2.5% for all errors combined.

- The Division's compliance officers, and the participating municipalities conducted 327 inspections and examined almost 28,000 items for pricing accuracy. The Division is working with those retailers who displayed pricing inaccuracies to improve their performance.
- The Division finalized and implemented the Language Access Plan. This plan defines the actions DOS is taking to ensure meaningful access to programs, services, activities, and materials for all Limited English Proficiency constituents.
- Tested, certified, and trained 8 new local sealers.
- Acquired two Electric Vehicles (EV) to bolster existing Division fleet and advance broader administration climate goals.
- Deputy Commissioner/General Counsel presented a training session on Unit Pricing at the Massachusetts Weights and Measures Annual Meeting.
- Instituted a cloud-based platform for filling the 2024 Sealer Annual Report.
- Deputy Commissioner/General Counsel attended the Advanced Energy Group Boston 24Q4 Stakeholder Challenge on Mobility & Clean Transportation. The event presented critical obstacles to address within 12 months regarding mobility

and clean transportation to achieve Greater Boston's climate, health and equity goals.

- Co-Ops and Interns from the OCABR Agencies visited the DOS Metrology Lab in Ashland to tour the facilities and participated in a Q&A informational session with DOS Commissioner and Senior Staff
- Hosted regional training for DOS' Compliance Officers and Compliance Officers from Connecticut and Vermont on electric vehicle fueling systems (EVSE) accuracy testing.
- Participated in the Massachusetts Municipal Association's (MMA) Annual Conference (Connect 351). The MMA Annual Meeting is the largest regular gathering of municipal officials in the state and is a forum for learning, networking, and product and services information, as well as a celebration of the efforts and innovations in community governance. Connect 351 gave the Division the opportunity to directly connect with municipalities, convey the importance of the work that local sealers perform to ensure consumers are protected, share the Division's commitment to language access with our new signage, and educate on the laws surrounding price accuracy.
- DOS' Operations Manager successfully completed EOHHS Center for Staff Development Management Certificate Program. The program enhances managers leadership and managerial skills to contribute to the successful mission of their agency and secretariat.



DOS Compliance Officers Michael Ryan & Hain Setow, Metrologist Ray Costa, and OCABR interns at the Metrology Lab in Ashland. Training on testing of EV

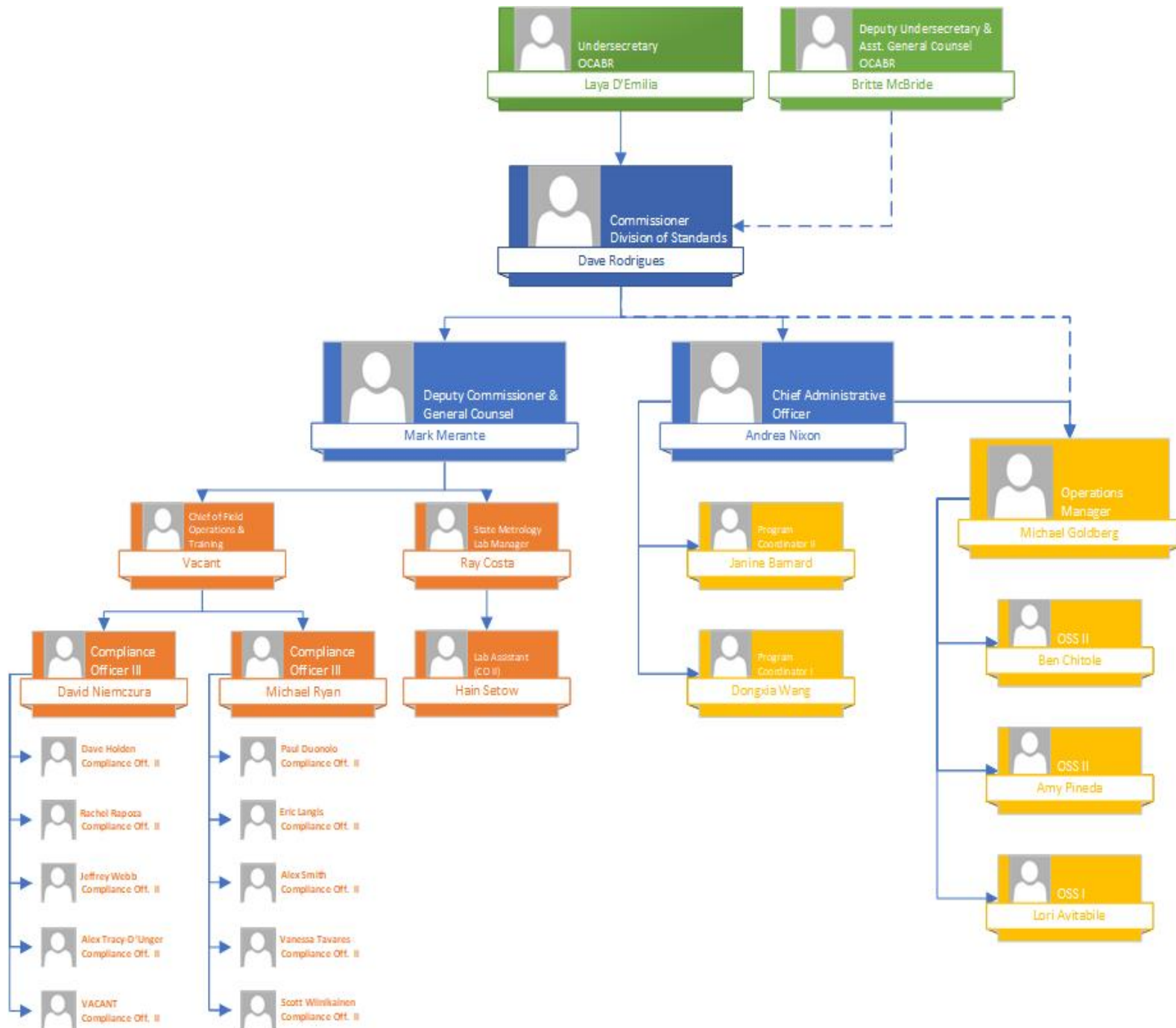


Metrologist Ray Costa explaining a volumetric prover to OCABR interns. A prover is used to test containers that hold liquid.



Deputy Commissioner/General Counsel Mark Merante leading a training on Unit Pricing at the MWMA Annual Meeting

Attachment A Organizational Chart – 2024



Attachment B

Division License Fee Schedule

Permits and License Types	Fee	Term of Permit/License
Anti-freeze Permit (New or Renewal)	\$25.00	1 Year (July 1 st - June 30 th)
Auctioneer Permit (New or Renewal)	\$100.00	1 Year (from date of issuance)
Auto Glass Repair License (New or Renewal)	\$450.00	3 Year (June 1 st - May 31 st)
Auto Repair Shop License (New or Renewal)	\$450.00	3 Year (June 1 st - May 31 st)
Hawker Peddler License (New or Renewal)	\$62.00	1 Year (from date of issuance)
Motor Fuel and Automotive Lubricating Oil License (New or Renewal)	\$150.00	1 Year (January 1 st - December 31 st)
Promoter License: Class A (New or Renewal)	\$1,000.00	1 Year (from date of issuance)
Promoter License: Class B (New or Renewal)	\$600.00	1 Year (from date of issuance)
Promoter License: Class C (New or Renewal)	\$500.00	1 Year (from date of issuance)
Promoter License: Class D (New or Renewal)	\$400.00	1 Year (from date of issuance)
Promoter License: Class E (New or Renewal)	\$300.00	1 Year (from date of issuance)
Promoter License: Class F (New or Renewal)	\$200.00	1 Year (from date of issuance)
Scanner Waiver less than 15,000 Scanners (New or Renewal)	\$250.00	1 Year (from date of issuance)
Scanner Waiver between 15,000 – 30,00 Scanners (New or Renewal)	\$500.00	1 Year (from date of issuance)
Scanner Waiver between more than 30,00 Scanners (New or Renewal)	\$1,000.00	1 Year (from date of issuance)
Special Peddler Vision Impaired & Veterans License (New or Renewal)	\$0.00	1 Year (from date of issuance)
Transient Vendors License (New or Renewal)	\$100.00	1 Year (from date of issuance)
Permits and License Types	Fee	Term of Permit/License

Citation: Missing Consumer Price Accuracy Notices at Registers	\$200.00	per violation up to a maximum of \$500.00 per inspection
Citation: Insufficient Number of Scanners per Square Footage	\$200.00	up to a maximum of \$1000.00
Citation: Failed Scanner Fine	\$200.00	per violation up to a maximum of \$2500.00
Citation: Missing Shelf Tags or Signs and Overcharging Fine	\$200.00	per violation and up to a maximum of \$2500.00
Citation: Sale or Loyalty Card Overcharge Fine	\$300.00	per violation up to a maximum of \$5000.00

Attachment C

Division Inventory of Weighing & Measuring Devices

Item	Type	Model/ Denominatio n	ID - S/N	Location	Date	Source	Due	Interval
Balance	Mettler	H20	367599	Small Mass Lab	2021	MetLab	2024	3 years
Mass Comp.	Sartorius	MSA225S	34007058	Small Mass Lab	2021	MetLab	2024	3 years
Mass Comp.	Sartorius	MCM5004	36501367	Small Mass Lab	2021	MetLab	2024	3 years
Mass Comp.	Sartorius	MC5	12511800	Small Mass Lab	2021	MetLab	2024	3 years
Mass Comp.	Sartorius	CCE60K3	23202624	Small Mass Lab	2021	MetLab	2024	3 years
Mass Comp.	Sartorius	CCT1000K	26900003	Large Mass Area	2021	MetLab	2024	3 years
Floor Scale	Cambridge	660/CSW10-AT	11-18207	Large Mass Area	2016	Out of Service	Before Use	
SS Transfer Slicker	Alton Iron Wk	5 gallon	9834243	Small Volume Lab	2022	NY W&M	2025	3 years
SS Transfer Prover	Seraphin	25 gallon	7032	Large Volume Area	2024	MA W&M	2027	3 years
SS Check Standard	Seraphin	5 gallon	3915753	Small Volume lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Unknown	25 kg	9750	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Troemner	10 kg	ME-1	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Troemner	5 kg	ME-1	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Troemner	3 kg	ME-1	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Troemner	2 kg	ME-1	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	1000 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	500 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	300 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	200 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	100 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	50 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	30 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	20 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years

Ref/Work Standard	Rice Lake	10 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Item	Type	Model/ Denomination	ID - S/N	Location	Date	Source	Due	Interval
Ref/Work Standard	Rice Lake	5 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	3 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	2 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	1 g	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	500 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	300 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	200 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	100 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	50 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	30 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	20 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	10 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	5 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	3 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	2 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	1 mg	2MDX	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	50 lb	42587	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	25 lb	42587	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	20 lb	42587	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	10 lb	3NQZ	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	5 lb	3NQZ	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	3 lb	3NQZ	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	2 lb	3NQZ	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	1 lb	3NQZ	Small Mass Lab	2022	NY W&M	2025	3 years
Item	Type	Model/	ID - S/N	Location	Date	Source	Due	Interval

		Denomination						
Ref/Work Standard	Rice Lake	8 oz	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	4 oz	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	2 oz	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	1 oz	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	0.5 oz (1/2)	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	0.25 oz (1/4)	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	0.125 oz (1/8)	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	0.0625 oz (1/16)	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	0.03125 oz (1/32)	3NQZ	Small Mass Lab	2023	ME W&M	2026	3 years
Ref/Work Standard	Rice Lake	0.2 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.1 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.05 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.02 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.01 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.005 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.002 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	Rice Lake	0.001 lb	3NRO	Small Mass Lab	2022	NY W&M	2025	3 years
Ref/Work Standard	NBS Shops	500 lb	VV1	Large Mass Area	2012	OK W&M	by 2027	10-15 years
Ref/Work Standard	NBS Shops	500 lb	VV2	Large Mass Area	2012	OK W&M	by 2027	10-15 years
Check Standard	Rice Lake	50 lb	CM0202	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	25 lb	CM14-37	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	10 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	5 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	3 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Item	Type	Model/ Denomination	ID - S/N	Location	Date	Source	Due	Interval
Check	Rice Lake	2 lb	CKSTD-1	Small Mass	2021	NY W&M	2026	5 years

Standard				Lab				
Check Standard	Rice Lake	1 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.5 lb	CKSTD-1	Small Mass Lab	2021	ME W&M	2026	5 years
Check Standard	Rice Lake	0.2 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.1 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.05 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.02 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.01 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.005 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.002 lb	CKSTD-1	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	0.001 lb	CKSTD-1	Small Mass Lab	2023	NY W&M	2026	5 years
Check Standard	Rice Lake	4 oz	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	2 oz	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	1 oz	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	0.5 oz (1/2)	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	0.25 oz (1/4)	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	0.125 oz (1/8)	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	0.0625 oz (1/16)	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	0.03125 oz (1/32)	CKSTD-1	Small Mass Lab	2021	ME W&M	by 2026	3 to 5 years
Check Standard	Rice Lake	500 mg	CKSTD-2	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	100 mg	CKSTD-2	Small Mass Lab	2021	NY W&M	2026	5 years
Check Standard	Rice Lake	10 mg	CKSTD-2	Small Mass Lab	2021	NY W&M	2026	5 years
Counterpoise Wt	Mass Std	500 lb	A	Large Mass Area	Not in use previously for Russell			Balance
Counterpoise Wt	Mass Std	500 lb	B	Large Mass Area	Not in use previously for Russell			Balance
Item	Type	Model/ Denomination	ID - S/N	Location	Date	Source	Due	Interval
Counterpoise Wt	Mass Std	500 lb	C	Large Mass Area	Not in use previously for Russell			Balance
Counterpoise Wt	Fairbanks	1000 lb	A	Large Mass Area	Not in use previously for Russell			Balance

Counterpoise Wt	Fairbanks	1000 lb	B	Large Mass Area	Not in use previously for Russell			Balance
Counterpoise Wt	Fairbanks	2500 lb	None	Large Mass Area	Not in use previously for Russell			Balance
Thermocouple	Digi-Sense	Type J - DOS 00652	315107	Small Volume Lab	2024	ESSCO LABS	2027	3 years
Thermocouple	Digi-Sense	Type J - DOS 00653	315060	Small Volume Lab	2024	ESSCO LABS	2027	3 years
Thermocouple	Digi-Sense	Type J - DOS 00653	315109	Small Volume Lab	2024	ESSCO LABS	2027	3 years
Data Logger	Extech	SD700 - DOS 00649	Q690332	Small Volume Lab	2024	ESSCO LABS	2027	3 years
Data Logger	Extech	SD700 - DOS 00650	Q679273	Small Mass Lab	2024	ESSCO LABS	2027	3 years
Data Logger	Extech	SD700 - DOS 00651	Q690324	Large Mass/Vol Lab	2024	ESSCO LABS	2027	3 years
Cast Iron Weights	Unknown	1000 lb (20 each)	2 to 21	Sold to Montana	2024	N/A	N/A	N/A

Attachment D

Municipal Sealer Inventory of Weighing & Measuring Devices

Device		Quantity
Sealer Weight Kit lb		738
Grip-Handle Weights lb		3,952
Grip-Handle Weights kg		37
Metric Weight Kits lb	356	
Aluminum Seals		150
Handbook 44, 130, 133		12
Inspection Pads		224
Plastic/Lead Seal Press		210
Plastic/Lead Wire Seals		1,700
M.G.L. CM – Regulations Pertaining to Weights & Measures		12
Reweighing Books		6
Steel Dies		14
Receipt Books		220
Condemned Labels		530
Not Sealed Labels/Tags		870
Annual Red Seals		3,000
Annual Green Seals		2,900