

The Consolidated Weights and Measures Act Report to the Pennsylvania General Assembly Title 3 Pa C.S.A. Chapter 41, Title 70 For Calendar Year 2018

March 2019

Table of Contents

Table of Contents	
Overview	
Consumer Education and Outreach	
Weights and Measures Inspections	2
Inspection Details	
Enforcement Actions	
Certified Examiner of Weights and Measures Program	3
Certified UPC/PLU Inspector Program	
Fuel Quality Testing Program	
Appendices	
2018 Yearly Inspection Activity Table	
Regional and County Sealer Map	

Overview

Consumer protection is a critical part of the work done by the Pennsylvania Department of Agriculture. The Division of Weights and Measures exists for one reason: making sure Pennsylvania consumers get what they pay for.

The Division of Weights and Measures, part of the Pennsylvania Department of Agriculture's Bureau of Ride and Measurement Standards, was created to ensure equity in the marketplace through laws and regulations, uniform inspection and testing procedures, and certified and knowledgeable inspectors.

The division is empowered through the Consolidated Weights and Measures Act, Title 3 Pa C.S.A. Chapter 41, with additional regulations found in Title 70. The act requires the department to describe all relevant activities of the state inspectors of weights and measures, Certified Examiners of Weights and Measures (CEWMs), and city and county sealers of weights and measures for the preceding calendar year.

The division is required to inspect weighing and measuring devices on a set schedule: either an annual inspection or at some greater interval not to exceed every fifth year, depending on the device. The division conducts these inspections through its regionally-assigned inspectors and supervisors and CEWMs. These inspectors and supervisors work with the remaining county and city sealers who conduct weights and measures activities in their respective jurisdictions through an ongoing Memorandum of Understanding with the department.

Since the last significant update to the Consolidated Weights and Measures Act in 1985, 53 counties have dropped their sealer programs adding almost 75,000 devices to be inspected by the division. Exacerbating the situation is a 2012 amendment to the Act which removed Fuel Dispenser Meters (FDMs a.k.a. gas pumps) and Vehicle Tank Meters (VTMs a.k.a. home heating oil truck meters) from

the list of eligible devices to use in the CEWM program. The additional devices equate to an increase in inspection personnel that exceeds the bureau's budgetary ability, necessitating programmatic changes starting with the Act.

Included in the appendices of this report are the spreadsheets outlining the activities of the division's personnel, county and city sealers, and CEWMs for 2018. The appendices also include a map that identifies the seven regions into which the division is divided, the supervisors responsible for each region, and the existing county and city sealer programs with their respective contact information.

Consumer Education and Outreach

As part of the commonwealth's transparency efforts, the division continues to use its online inspection database that allows consumers to access inspection reports. This application can be found www.pda.state.pa.us/WMInspections. Visit the database to see the latest inspection reports for local businesses and devices.

The website also includes an online complaint form that consumers can use to alert the department to potentially inaccurate devices. The number of consumer complaints by location is included as part of the report spreadsheets in the appendix (Exhibit A).

The "Tested and Approved" and "Rejected" seals placed on each item inspected by the department feature the state's toll-free number, 1-877-TEST-007, which consumers can use to register complaints or concerns about scales, gas pumps, and other state-regulated measuring devices. The red rejected seal serves as a warning to consumers that the device needs service or repair. These seals indicate a pending issue that the department is working with the device owner to correct. In many cases, a device with a rejected seal may still be in service if the issue is a repair that does not affect the accuracy of the device, or if the accuracy of the device is in the consumer's favor. Devices found to be out of operational condition, or beyond the acceptable tolerance levels and detrimental to the consumer, are taken out of service immediately until repairs are made and the device is found to be operating within allowable tolerances.

Weights and Measures Inspections

The Division of Weights and Measures is responsible for inspecting devices like scales and meters, small-retail to large-capacity truck scales, truck-mounted fuel meters, liquid propane gas meters, retail fuel pumps, compressed natural gas meters, grain moisture meters, load rack meters, timing devices (except parking meters), and all consumer price scanning systems.

Inspection Details

The division inspects all devices in 54 of Pennsylvania's 67 counties and provides support to the remaining 13 county sealer programs and one city sealer program. The division is also responsible for ensuring consumer questions and concerns are addressed in a timely manner. A list of sealer programs can be found in Exhibit B.

Enforcement Actions

The state, through Act 155 of 1996, adopts many of the federal standards created by the National Institute of Standards and Technology as found in its Handbook 44, Handbook 130, and other related publications. As devices and systems are found to be faulty or beyond the acceptable tolerance levels, action is taken to acknowledge the concerns of the state formally and bring the device into compliance. Written warnings are the first step in acknowledging an issue with a device or with a business or vendor. The number of warnings, citations and prosecutions are included in the appendix (Exhibit A) of this report.

Certified Examiner of Weights and Measures Program

Act 155 of 1996 amended PA C.S.A. Chapter 41, § 4110 (a)(4) and authorizes the department to use private industry professionals who have been trained and certified to conduct field level inspections on behalf of the department. With this use of department trained, tested and certified professionals, the weights and measures division personnel serve as the quality control auditors who monitor this program's implementation, provide the final assurances that the law is being upheld, and ensure that certified examiners are protecting the consumers they represent.

The CEWM program applies only to devices under the direct responsibility of the department to inspect. Understanding the need to monitor these inspections, the department is diligent in its duty to conduct random and thorough inspections and audits of all CEWM program inspections, as mandated.

The program suffered a setback in 2012 when device types (Vehicle Tank Meters [VTM] and Fuel Dispenser Meters [FDM]) were removed from the list of eligible devices removing a valuable opportunity for the program to leverage this private public partnership opportunity in meaningful way. Successful use of the CEWM program allows the bureau to conduct more inspections with little or no additional costs in equipment or personnel.

Currently the bureau has CEWMs for liquid propane gas (LPG) devices. The bureau expanded the program to include large capacity scales (LCS) in spring 2016. The number of devices inspected by CEWMs are represented in the appendix (Exhibit A) included in this report.

Certified UPC/PLU Inspector Program

In line with the Consolidated Weights and Measures Act, the division developed a Certified Universal Product Code (UPC) and Price Look-Up (PLU) Inspector Program. Scanning systems and devices are inspected annually by the division or private business, as allowed by the act. UPC/PLU device inspectors complete a training course conducted by the division every three years.

Fuel Quality (Octane) Testing Program

In line with the Consolidated Weights and Measures Act, the division developed a fuel quality testing program that randomly samples gasoline at retail locations to ensure that the octane content advertised meets established standards. This program is separate from the bureau's ongoing ability to address individual consumer concerns for specific fuel quality issues.

The bureau collected 244 random fuel samples from retailers throughout Pennsylvania in 2018; of the 244 samples tested, two failed to meet the specifications of the advertised octane rating. The retailers resolved the issues immediately.

In addition to the random fuel quality testing, the division tested 60 consumer fuel quality samples in 2018 in response to consumer complaints. Of the 60 samples tested, 12 failed and the retailers resolved the issues immediately.

Appendix

Please see the following appendices, including:

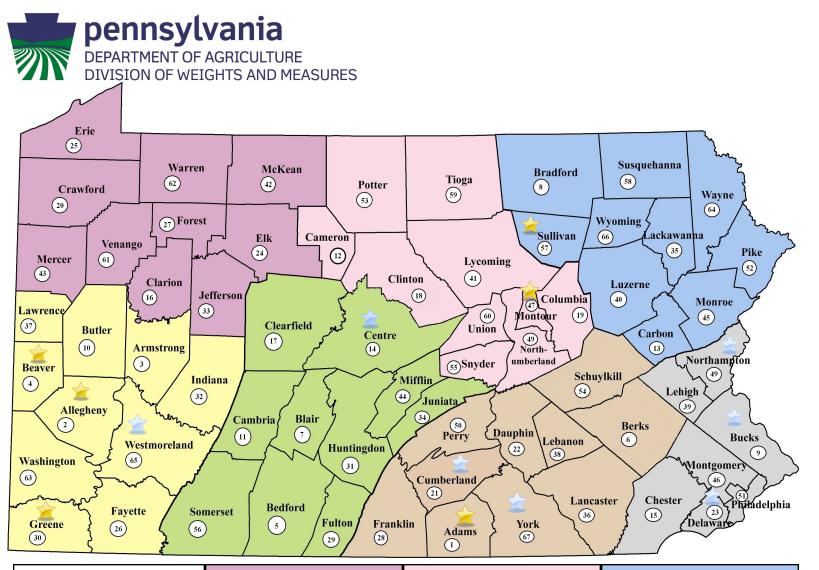
- 2018 Yearly Inspection Activity Table
- Regional and County Sealer Map



																									CES D	FR 57	- X	NS 8
		SCALES			<u>, </u>			MISC *		TIME DEVICE		METERS UPC / PRICE PKG CH									CHECK	ECTE DEV	LA M	ĔĔ	E S			
	0 to 1,	0 to 1,000		1,001-10,000		01+		_			FDM		VTM		LPG		LRM		GMM		VERIFIC	CATION	LO.	rs	TOTAL DEVICES INSPECTED	CONSUMER	WRITTEN	SECL
State Bureau	Small	Reject	Medium	Reject	Large	Reject	Tested	Reject	Tested	Reject	Tested	Reject	Tested	Reject	Tested	Reject	Tested	Reject	Tested	Reject	System	Reject	Tested	Reject	ρ -	0 5		PRO
Region 1	2,742	243	63	4	180	39	415	153	2	0	5,232	1,082	201	34	28	8	39	5	25	4	224	27	0	0	9,151	33	53	1
Region 2	1,422	23	39	5	151	16	43	0	0	0	2,952	307	49	2	42	7	0	0	63	5	11	5	0	0	4,772	14	0	0
Region 3	3,774	249	79	16	168	38	47	5	0	0	6,715	783	0	0	17	2	0	0	0	0	11	2	0	0	10,811	35	2	0
Region 4	2,323	164	93	7	370	78	49	5	0	0	4,763	1,112	100	33	3	0	0	0	16	0	24	7	0	0	7,741	22	5	0
Region 5	2,633	56	117	8	353	26	89	7	0	0	5,359	354	206	16	88	5	10	0	34	3	8	0	0	0	8,897	8	0	0
Region 6	7,406	409	180	15	520	55	75	7	0	0	9,160	1,279	395	35	4	1	0	0	107	9	11	0	9	3	17,867	42	11	0
Region 7	7,912	618	272	64	280	97	28	6	0	0	8,571	1,566	211	32	1	0	0	0	0	0	2	0	3	1	17,280	59	16	0
Total	28,212	1,762	843	119	2,022	349	746	183	2	0	42,752	6,483	1,162	152	183	23	49	5	245	21	291	41	12	4	76,519	213	87	1
Counties / Cities																												
Adams	1,052	64	4	0			0	0	0	0	808	30	0	0	0	0	0	0	0	0	0	0	0	0	1,864	10	0	0
Allegheny	4,538	86	0	0			14	0	915	71	11,396	571	0	0	0	0	0	0	0	0	458	21	0	0	17,321	87	4	0
Beaver	385	6	0	0			12	0	0	0	1,102	34	0	0	0	0	0	0	0	0	25	0	0	0	1,524	10	0	0
Bucks	3,212	42	192	20			0	0	1,510	105	2,980	105	216	6	0	0	0	0	0	0	818	17	0	0	8,928	64	0	8
Centre	688	27	21	0			37	0	0	0	1,436	140	0	0	0	0	0	0	0	0	64	1	0	0	2,246	7	0	0
City of Scranton	415	28	0	0			62	0	786	16	257	37	0	0	0	0	0	0	0	0	0	0	0	0	1,520	17	7	0
Cumberland	1,155	44	24	2			3	3	314	10	2,544	100	111	10	0	0	0	0	0	0	0	0	0	0	4,151	47	0	0
Delaware	2,452	101	80	9			0	0	1,940	138	1,433	274	206	20	0	0	0	0	0	0	611	32	39	1	6,761	8	2	0
Greene	178	8	0	0			0	0	0	0	218	13	0	0	0	0	0	0	0	0	0	0	0	0	396	0	0	0
Montour	103	0	0	0			0	0	27	8	234	6	0	0	0	0	0	0	0	0	10	0	0	0	374	0	0	0
Northampton	2,090	88	28	1			0	0	1,484	30	3,443	396	101	6	0	0	0	0	0	0	2	0	0	0	7,148	17	0	0
Sullivan	45	0	0	0			0	0	0	0	114	20	0	0	0	0	0	0	0	0	0	0	0	0	159	0	0	0
Westmoreland	669	33	0	0			0	0	110	18	4,203	452	0	0	0	0	0	0	0	0	268	31	0	0	5,250	8	23	90
York	2,068	74	0	0			0	0	0	0	3,464	54	0	0	0	0	0	0	0	0	3	1	0	0	5,535	4	2	1
Total	19,050	601	349	32	0	0	128	3	7,086	396	33,632	2,232	634	42	0	0	0	0	0	0	2,259	103	39	1	63,177	279	38	99



	1		SCAL	EC			1				METERS											PKG CHECK				ER T S	z S	ONS &
	0 to 1.000 1.001-10.000 10.001 +					001 +	MIS	ic *	TIME DEVICE		FDM		V	VTM		PG		RM	GN	4M	UPC / I			OTS	OTAL DEVICE: INSPECTED	CONSUMER	WRITTEN	PROSECUTIONS - FINES
State Inspector				0,000	10,	1																			OTAI	8 8 8	N W	OSEC
Badge Id	Small 42	Reject	Medium	Reject	Large 20	Reject 5	Tested 49	Reject	Tested	Reject	Tested	Reject	Tested	Reject	Tested	Reject 0	Tested	Reject	Tested 21	Reject	Systems	Reject	Tested	Reject	172	10		0
Badge 11 Badge 12	694	5 44	15 20	0	57	21	22	4 5	0	0	1,287	3 329	2 199	0 34	2 26	8	0 39	0 5	0	4 0	5 86	3 6	0	0	2,430	9	5	1
Badge 13	797	42	18	2	102	13	22	5	0	0	1,137	83	0	0	0	0	0	0	0	0	52	9	0	0	2,128	4	19	0
Badge 15	1,209	152	10	0	1	0	322	139	0	0	2,794	667	0	0	0	0	0	0	4	0	81	9	0	0	4,421	10	29	0
Badge 20	140	3	0	0	0	0	42	0	0	0	146	2	0	0	0	0	0	0	5	0	11	5	0	0	344	6	0	0
Badge 21	535	10	0	0	0	0	1	0	0	0	1,333	150	49	2	0	0	0	0	0	0	0	0	0	0	1,918	5	0	0
Badge 22	499	9	6	2	0	0	0	0	0	0	961	127	0	0	42	7	0	0	0	0	0	0	0	0	1,508	0	0	0
Badge 23 Badge 30	248 776	100	33 0	3 0	151 0	16 0	0 33	0	0	0	512 968	28 194	0	0	0 17	2	0	0	58 0	5	0	0	0	0	1,002 1,797	3 15	0 2	0
Badge 31	1,128	61	0	0	0	0	10	5	0	0	1,748	350	0	0	0	0	0	0	0	0	7	1	0	0	2,893	1	0	0
Badge 32	628	70	79	16	168	38	0	0	0	0	59	2	0	0	0	0	0	0	0	0	0	0	0	0	934	5	0	0
Badge 33	1,242	18	0	0	0	0	4	0	0	0	3,940	237	0	0	0	0	0	0	0	0	1	0	0	0	5,187	14	0	0
Badge 34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Badge 40	67	6	4	0	29	3	22	0	0	0	43	15	13	7	3	0	0	0	6	0	1	0	0	0	188	6	0	0
Badge 42	1,042	65	5	0	70	23	6	0	0	0	2,020	463	0	0	0	0	0	0	0	0	4	0	0	0	3,147	12	0	0
Badge 43	627	63	0	0	0	0	15	5	0	0	1,762	492	31	8	0	0	0	0	0	0	19	7	0	0	2,454	3	5	0
Badge 44 Badge 50	587 196	30 8	84 14	7	271 7	52 1	6 20	0	0	0	938 594	142 29	56 0	18 0	0	0	0	0	10 10	0	0	0	0	0	1,952 841	5	0	0
Badge 50 Badge 51	725	10	22	1	28	0	15	0	0	0	1,904	112	206	16	15	1	5	0	22	3	3	0	0	0	2,945	1	0	0
Badge 52	739	12	64	6	307	25	21	0	0	0	1,327	81	0	0	0	0	0	0	0	0	0	0	0	0	2,458	1	0	0
Badge 53	973	26	17	1	11	0	33	7	0	0	1,534	132	0	0	73	4	5	0	2	0	5	0	0	0	2,653	1	0	0
Badge 60	933	26	0	0	1	0	42	0	0	0	31	0	0	0	0	0	0	0	1	0	0	0	9	3	1,017	15	0	0
Badge 61	11	0	0	0	0	0	0	0	0	0	455	111	0	0	0	0	0	0	29	1	0	0	0	0	495	1	0	0
Badge 62	2,268	96	0	0	0	0	16	7	0	0	3,044	349	0	0	0	0	0	0	0	0	0	0	0	0	5,328	10	0	0
Badge 63	1,227	78	0	0	0	0	0	0	0	0	2,689	458	147	17	0	0	0	0	0	0	4	0	0	0	4,068	5	7	0
Badge 64 Badge 65	1,155 1,771	129 78	1 8	0	0	0	16	0	0	0	1,516 1,425	255 106	2 246	0 18	0 4	1	0	0	77	0 8	7	0	0	0	2,674 3,554	6	1	0
Badge 66	41	2	171	15	519	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	731	1	3	0
Badge 70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Badge 71	1,447	105	0	0	0	0	0	0	0	0	2,491	561	32	8	0	0	0	0	0	0	0	0	0	0	3,970	2	0	0
Badge 72	271	20	0	0	0	0	0	0	0	0	187	17	0	0	0	0	0	0	0	0	2	0	0	0	460	0	0	0
Badge 73	1,765	199	0	0	0	0	18	1	0	0	1,103	205	179	24	0	0	0	0	0	0	0	0	0	0	3,065	34	2	0
Badge 74	1,632	152	0	0	0	0	5	0	0	0	2,543	391	0	0	0	0	0	0	0	0	0	0	0	0	4,180	13	14	0
Badge 77	120	6	263	61	244	80	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	632	9	0	0
Badge 78 Badge 79	511 2.166	74 62	9	3	36 0	17 0	0	0	0	0	519 1,728	172 220	0	0	0	0	0	0	0	0	0	0	0	0	1,076 3.897	0	0	0
Total	28,212	1,762	843	119	2,022	349	746	183	2	0	42,752	6.483	1,162	152	183	23	49	5	245	21	291	41	12	4	76,519	213	87	1
CEWM Inspections	LO,LIL	1,702	045	113	L,OLL	545	740	103			42,732	0,403	1,102	132	103	23	43		243		231	7.2			70,515	213	0,	
LPG-398															17	0									17			
LPG-402															58	4									58			
LPG-408															57	2									57			
LPG-432															148	8									148			
LPG-432 LPG-436															6	0									140			
																-									6			
LPG-446															57	0									57			
LPG-450															33	0									33			
LPG-451															19	0									19			
LPG-453															13	1									13			
LPG-454															3	0									3			
LPG-469															15	2									15			
LPG-470															1	0									1			
LPG-474															44	0									44			
Total															471	17									471			
Statewide Totals	47,262	2,363	1,192	151	2,022	349	874	186	7,088	396	76,384	8,715	1,796	194	654	40	49	5	245	21	2,550	144	51	5	140,167	492	125	100



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Sealer program without fees

Sealer program with fees

State Toll-Free Consumer Line 1-877-TEST-007