
Workforce Allocations

Weights and Measures
Services Division
August 2019

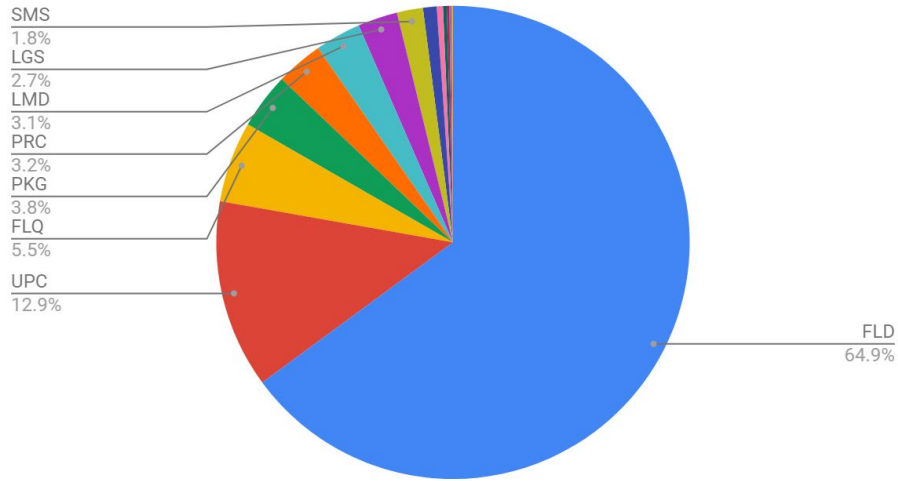
WMSD Funding

General Fund	\$914,545
Air Quality Fund	\$1,448,800
Total	\$2,363,345

Number of Complaints

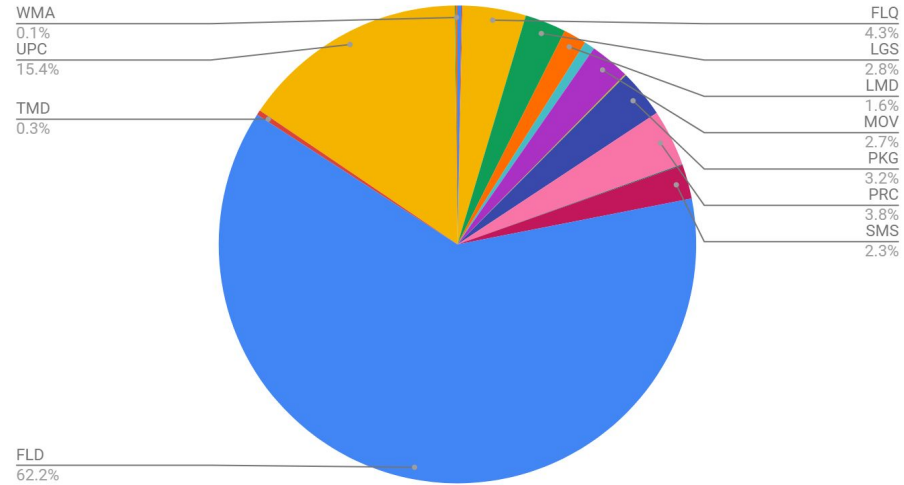
One
Year

Complaint Types 7/1/18 to 6/30/19



Five Year

Complaint Types 7/1/14 to 6/30/19

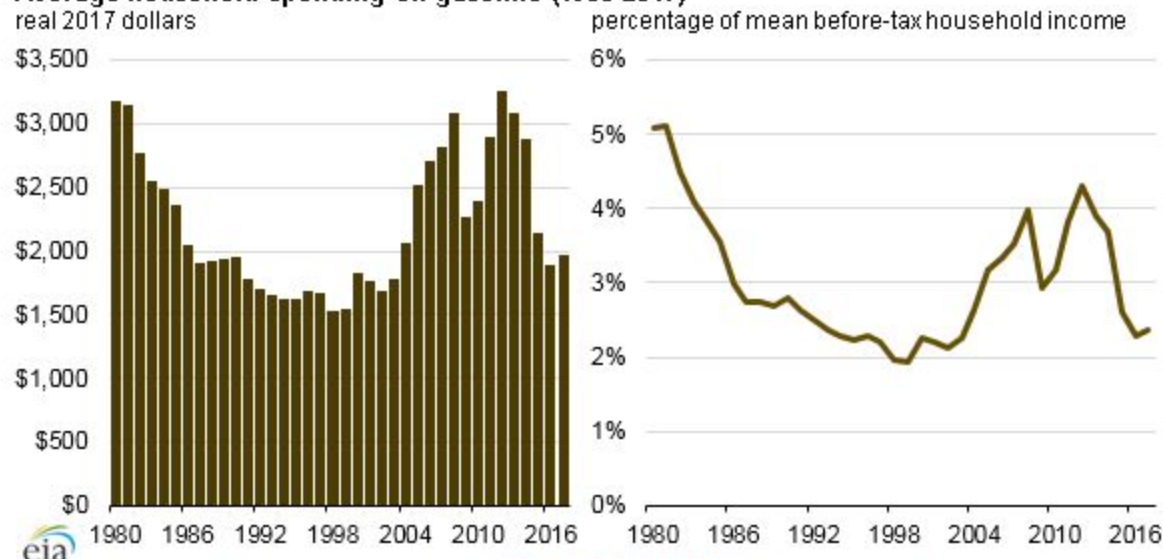


Top 5 Complaints

<u>One Year</u>	<u>Five Year</u>
Fueling Device (64.9%)	Fueling Device (62.2%)
UPC (12.9%)	UPC (15.4%)
Fuel Quality (5.5%)	Fuel Quality (4.3%)
Packaging (3.8%)	Price Posting (3.8%)
Price Posting (3.2%)	Packaging (3.2%)

U.S. household spending for gasoline is expected to remain below \$2,000 in 2017

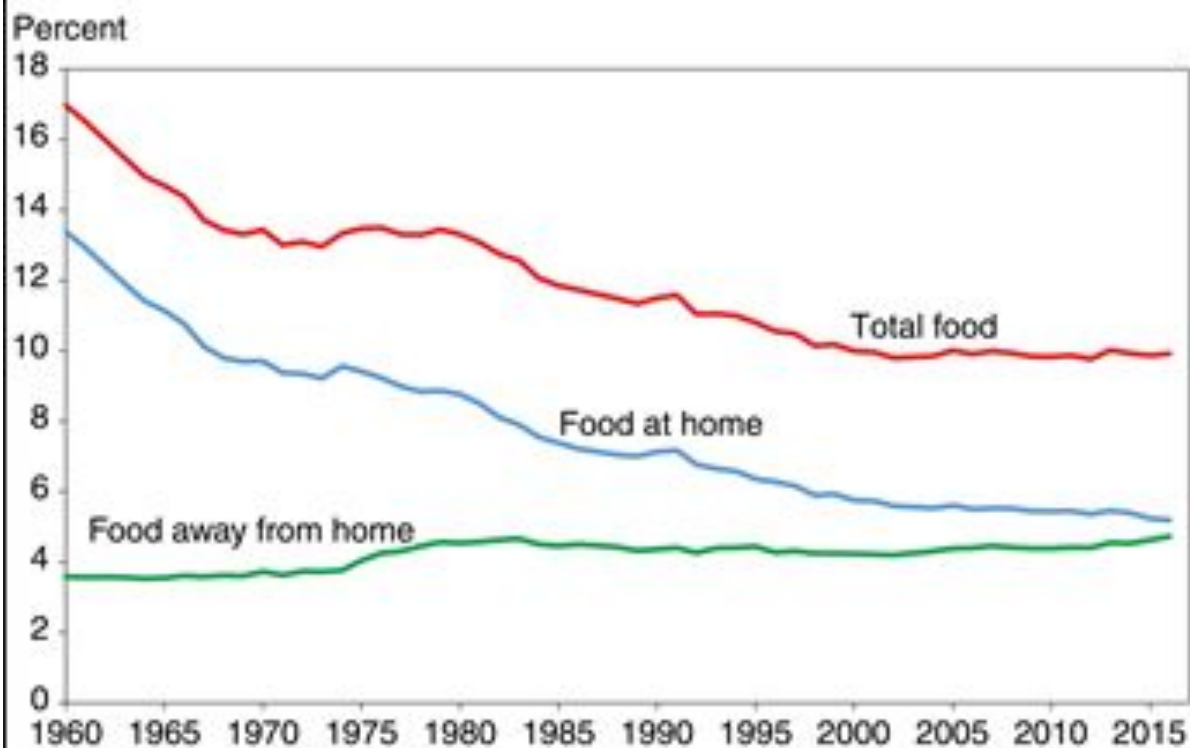
Average household spending on gasoline (1980-2017)



Source: U.S. Energy Information Administration, *Short-Term Energy Outlook*, and U.S. Census Bureau and Bureau of Labor Statistics

The average U.S. household expenditure on gasoline in 2017 is expected to total \$1,977, or approximately 2.4% of mean incomes of households, according to projections in EIA's most recent *Short-Term Energy Outlook* (STEO). The most recent peak for household gasoline expenditures was \$2,715, or 4.0% of household income, in 2008. More recently, average household gasoline expenditures in 2015 and 2016 were near or below \$2,000, or 2.5% of total household income.

Share of disposable personal income spent on food in the United States, 1960-2016



Source: USDA, Economic Research Service, Food Expenditure Series.

Average Annual Expenditures 2017

Food at home	5.9%
Food away from home	4.6%
Gasoline, other fuels, motor oil	2.7%
Vehicle purchases	5.5%

19%

Calculated from Bureau of Labor Statistics Data <https://www.bls.gov/news.release/cesan.nr0.htm>

Inspection Types/Equipment/Trained Staff

Inspection Type	# Devices (FY19)	Equipment Needed	# Equip Available	# Trained
Price Posting, UPC	Not licensed	Computer	17	16
Fueling	69,596	Truck/ Tanks/ Provers	15	14 (17 trained for skimmers)
High Flow Diesel	7,128	100 gallon prover trailer	2	7
DEF	UNK*	Stainless steel prover/funnel	3	2
*Estimate - there are 573 fee code 011, some are DEF, most are fueling				

Inspection Types/Equipment/Trained Staff, cont.

Inspection Type	# Devices	Equipment Needed	# Available	# Trained
Large Scale ≤20,000 lbs, batch plant, livestock	1,230	Large scale truck or Boom Truck, more test weights, CDL license. Requires 2 people.	1 large scale truck, 1 boom truck	2 CDL drivers
Large Scale >20,000 lbs	1,427	Large scale truck, weight cart, CDL license	Listed above	2 CDL drivers
Liquid Measuring	4,526	1 gallon test measures for water only. Larger volume requires 50- or 100- gallon prover for water only. Sometimes coins.	17 1-gallon 1 50-gallon 0 100-gallon	16

Inspection Types/Equipment/Trained Staff, cont.

Inspection Type	# Devices	Equipment Needed	# Available	# Trained
Propane Bottle Dock	866	Propane truck	1 truck with a 20- and 100- gallon prover	3
Other propane meters	518	Propane truck	1 truck with a 20- and 100- gallon prover	3
Small Scales <2000 lb	24,758	Weight kit 31-lb kit for most grocery 25 lb, 50 lb weight for higher capacity	17	12
Jewelry/pawn shop Scales	UNK (portion of small scales)	Class F or S weight kit	3 class F 6 class S	3

Inspection Types/Equipment/Trained Staff, cont.

Inspection Type	# Devices	Equipment Needed	# Available	# Trained
Counting Device	536	Money for coin machines		16
Linear Measuring Device	40	Certified tape measure	5	16
CNG/LNG	Approx 20	CNG tank, 300 pound scale, truck	1	2
Packaging	Countless	Scales, other equipmt varies per HB 133	17 30-lb scales, 3 6-lb scales, 4-300 lb scales, other equipmt avail in limited quantites	9

Inspection Types/Equipment/Trained Staff, cont.

Inspection Type	# Devices	Equipment Needed	# Available	# Trained
RSA/RSR	153/523	N/A	N/A	N/A (train as needed)
Timing Device	11,691	Calibrated Stopwatch	17	N/A (complaint only, train as needed)
Vapor Recovery	1,513	N/A	16	6
Weighmaster (WMA)	290 Public WMA 464 Limited WMA 1,749 Deputy WMA	N/A	16	2

What are our goals?

1. Fueling devices every 3 years
2. Grocery/Large Retail scales every 3 years
3. Complaints within 10 days
4. Respond to fuel quality and skimmer complaints ASAP
5. Witness 50% vapor recovery site tests
6. Conduct skimmer inspections at nearby sites when skimmers are found
7. Double the number of underserved inspections
 - Underserved inspections includes all inspection types except fueling, fuel quality, price posting, UPC, small scale

How do we schedule? Office-mandated sites

Investigators are scheduled for specific sites each month:

- Fueling approaching 3 years
- Fuel quality (specific sites to collect samples)
- Small scale sites approaching 3 years
- Vapor recovery (specific sites to witness RSR testing, preburial for new sites)
- Package testing
- Complaints
- Underserved inspections
- Collections

Scheduling investigator-chosen sites

- The computer system displays a listing of sites not inspected in 3 years or that are behind on licensing fees that investigators may inspect
- Inspectors are instructed to look around to see if there are sites that have never been inspected - there are many sites that are not in our computer system
- Choose sites to inspect for skimmers based on proximity and equipment

Compliance Rates

DWM Performance Report

1/1/2018 to 12/31/2018

Type	Origin	Code	Description	Complaints			Reinspections			Other			Total		
				Inspected	Passed	%	Inspected	Passed	%	Inspected	Passed	%	Inspected	Passed	%
CBG	MUL		CBG FUEL QUALITY	1	1	100%	0	0	0%	117	108	92%	118	109	92%
CBG	SUL		CBG FUEL QUALITY	13	11	84%	1	1	100%	211	198	93%	225	210	93%
CBG	UNL		CBG FUEL QUALITY	15	13	86%	5	3	60%	213	201	94%	233	217	93%
Total for: CBG				29	25	86%	6	4	66%	541	507	93%	576	536	93%
CTD		300	Counting Device	1	1	100%	0	0	0%	0	0	0%	1	1	100%
Total for: CTD				1	1	100%	0	0	0%	0	0	0%	1	1	100%
FLD		011	Fuel Dispenser	21	17	80%	3	2	66%	114	85	74%	138	104	75%
FLD		012	Fuel Dispenser	50	43	86%	0	0	0%	1701	1596	93%	1751	1639	93%
FLD		013	Fuel Dispenser	10	10	100%	0	0	0%	16	12	75%	26	22	84%
FLD		014	Fuel Dispenser	17	14	82%	0	0	0%	163	128	78%	180	142	78%
FLD		016	Fuel Dispenser	233	191	81%	5	5	100%	4932	3977	80%	5170	4173	80%
FLD		017	Fuel Dispenser	0	0	0%	0	0	0%	1	1	100%	1	1	100%
FLD		018	Fuel Dispenser	177	151	85%	6	4	66%	4225	3523	83%	4408	3678	83%
FLD		019	Fuel Dispenser	2	2	100%	0	0	0%	30	20	66%	32	22	68%
FLD		211	Gasoline Dispenser (Area A)	1	1	100%	0	0	0%	3	3	100%	4	4	100%
FLD		212	Gasoline Dispenser (Area A)	0	0	0%	0	0	0%	28	26	92%	28	26	92%
FLD		213	Gasoline Dispenser (Area A)	1	1	100%	0	0	0%	6	3	50%	7	4	57%
FLD		214	Gasoline Dispenser (Area A)	12	11	91%	0	0	0%	357	338	94%	369	349	94%
FLD		215	Gasoline Dispenser (Area A)	0	0	0%	0	0	0%	3	3	100%	3	3	100%
FLD		216	Gasoline Dispenser (Area A)	804	703	87%	3	3	100%	14560	13783	94%	15367	14489	94%
FLD		217	Gasoline Dispenser (Area A)	0	0	0%	0	0	0%	4	3	75%	4	3	75%
FLD		218	Gasoline Dispenser (Area A)	0	0	0%	0	0	0%	33	33	100%	33	33	100%
Total for: FLD				1328	1144	86%	17	14	82%	26176	23534	89%	27521	24692	89%

See handout

In Summary

- Over 75 % of complaints are related to Fueling (62%) and UPC (15%).
- Consumers spend on average 20% of their income on fuel, vehicles, and food (non-discretionary spending).
- Compliance rates for fueling and UPC are 89% and 83%, respectively.
- Over 60% of budget is for air quality programs (fuel-related).
- Our goal is to conduct the fuel and large-store scale inspections once every 3 years. We may be at a site more often due to complaints or skimmers.
- Equipment and staff training provide challenges to conducting certain types of inspections.

Recommendation

A goal of inspecting once every 3 years for fueling devices and grocery store scales (large sites) is not overly-intrusive or aggressive. Many weights and measures agencies continue to conduct these inspections annually.

Additionally, consumers are surprised to learn that we do not inspect these devices annually when they call to let us know an approval seal is “outdated.”

We should not lower our inspection goal for gas stations and grocery stores, but instead raise our goal for other underserved markets.