

**Refuse and Recycling Task Force  
Final Report  
10 February 2020**

## **Task Force Purpose**

The purpose of the Task Force is to evaluate the city's refuse and recycling programs to ensure that the city's practices provide the residents with top-notch services at reasonable costs while likewise ensuring the safety and health of city workers, including by way of example and not limitation, the possibility of automated trucks, city recycling programs, public vs. private service providers, the costs of any recommended changes, and funding and financing of such costs.

**Cuyahoga County  
Solid Waste District  
Executive Director  
Diane Bickett**

# Programs Funding

Community Pays All (General Fund) – **41**

or

Community Charges Residents - **18**

- Property tax assessment or
- Monthly charge (ranges from \$8.75 to \$16.00)
- Charges usually do not cover the full cost

# Automated Collection



# Automated Collection - Carts

## Trash Cart

96 or 64 gallon



## Recycle Cart

64 gallon



# Recycling in Cuyahoga County

- Combine these items at the curb
- Place items loose – not bagged – in your cart or bin



CANS



CARTONS



GLASS



PAPER & BOXES



PLASTIC BOTTLES  
& CONTAINERS

**Lakewood Director of Public Works  
Joe Beno**



# The Most Dangerous Jobs in America

BY **DAVID JOHNSON** MAY 13, 2016

**N**early twice as many engineers as nurses died of fatal injuries while working in 2014, a new federal report found. The culprits in the 21 engineer and 12 nurse deaths included falls, car accidents and exposure to deadly chemicals.

But those fatalities didn't place either occupation on the list of the most dangerous jobs in America, because the fatalities were relatively rare compared to the total number of workers: engineers, for example, lost 1.2 lives for every 100,000 workers

Compare that to 111 deaths for every 100,000 loggers, who had the most



Popular

Latest

The Atlantic

Sign In

Subscribe

BUSINESS

# The Dangerous Life of a Trash Collector

Angel Veloz talks about his work ethic and why he dropped out of college to drive trucks.

BOURREE LAM SEPTEMBER 1, 2016



Angel Veloz [\(REBECCA CLARKE\)](#)

Taking out the trash is usually a chore assigned to a parent or teenager in the household. But once that trash hits the curb, it's someone else's job to pick it up. And America produces a lot of trash: According to the Environmental Protection Agency, Americans generate 254

## MORE IN THIS SERIES



Read what American workers have to say about their work

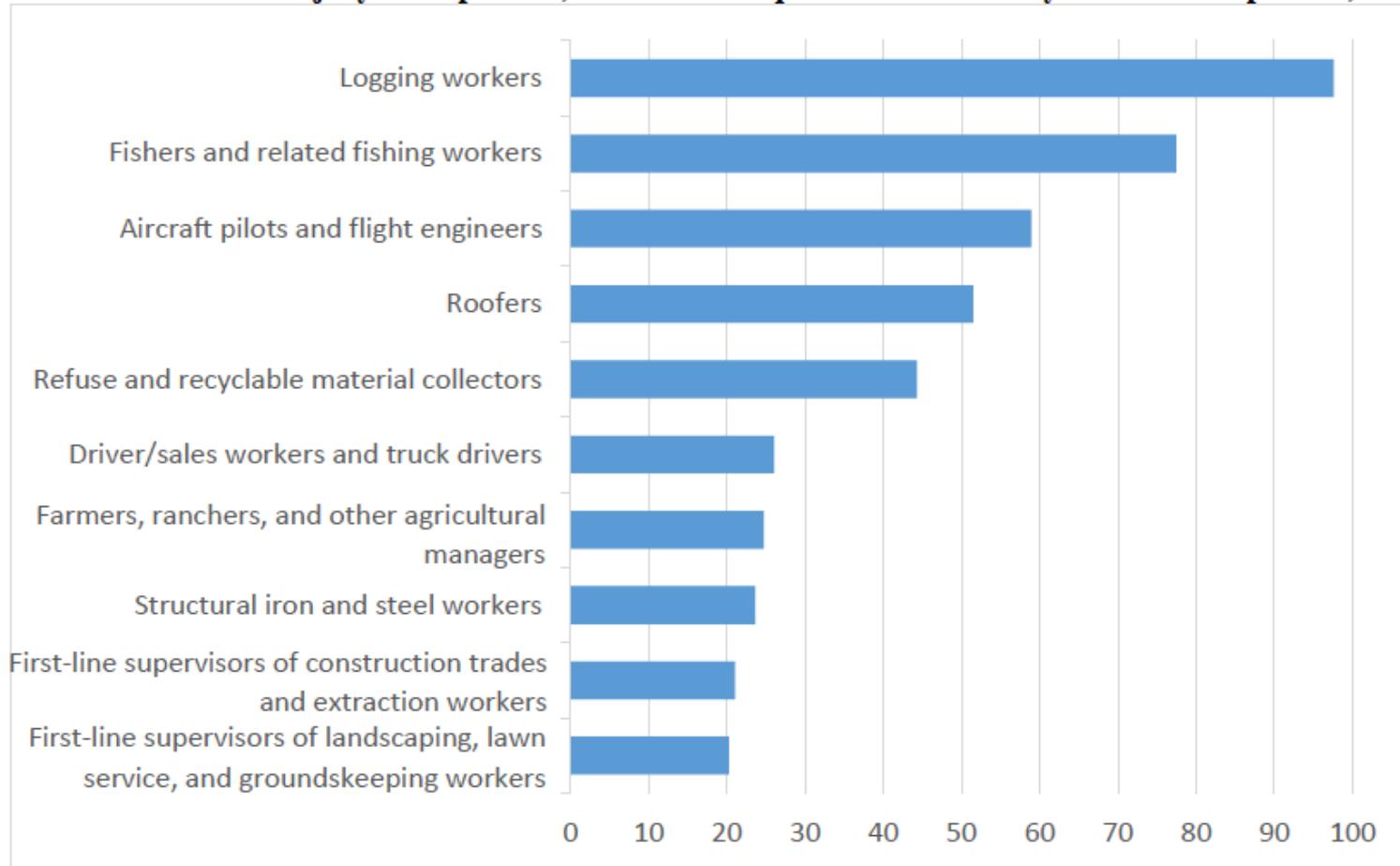
What We Learned From Interviews With 100 American Workers

ADRIENNE GREEN AND BOURREE LAM

November: A Good, but Not Perfect, Jobs Report

BOURREE LAM

**Chart 4. Fatal work injury rates per 100,000 full-time equivalent workers by selected occupations, 2018**



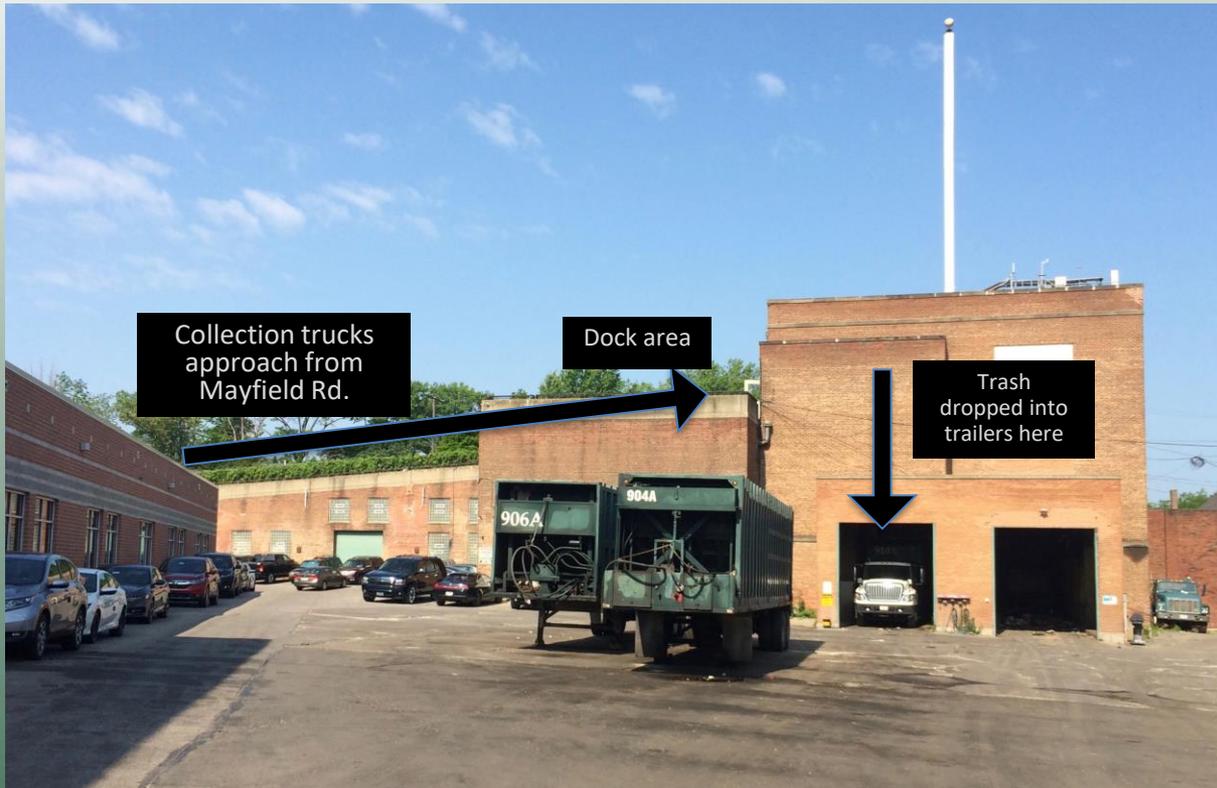
**Cleveland Heights City Manager  
Tanisha Briley**

Cleveland Heights Refuse & Recycling Divison Budget Performance Comparison Report 2013-2018 +

Account	Account Description	2013 YTD Transactions	2014 YTD Transactions	2015 YTD Transactions	2016 YTD Transactions	2017 YTD Transactions
Fund 101 - General						
REVENUE						
Department 6203 - Refuse Coll/Transfer Sta						
6124						
6124.0	Miscellaneous Grant	2,985.00	.00	.00	.00	.00
	<b>6124 - Totals</b>	<b>\$2,985.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
6205						
6205.0	Sale-Scrap	1,069.00	13,376.95	589.75	756.50	6,827.75
	<b>6205 - Totals</b>	<b>\$1,069.00</b>	<b>\$13,376.95</b>	<b>\$589.75</b>	<b>\$756.50</b>	<b>\$6,827.75</b>
6207						
6207.0	Sale-Strash Bags	28,065.63	10,255.44	.00	.00	.00
6207.01	Sale-Recycling Bags	3,042.72	1,761.14	.00	.00	.00
6207.02	Sale-Kraft Bags	6,287.53	1,401.12	.00	.00	.00
	<b>6207 - Totals</b>	<b>\$37,395.88</b>	<b>\$13,417.70</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
6208						
6208.0	Sale-Recyclable	53,071.51	57,070.15	21,282.60	12,764.00	37,748.50
	<b>6208 - Totals</b>	<b>\$53,071.51</b>	<b>\$57,070.15</b>	<b>\$21,282.60</b>	<b>\$12,764.00</b>	<b>\$37,748.50</b>
6272						
6272.01	Landfill Fees	2,111,777.87	2,247,251.05	2,236,857.30	2,218,600.99	1,537,346.04
	<b>6272 - Totals</b>	<b>\$2,111,777.87</b>	<b>\$2,247,251.05</b>	<b>\$2,236,857.30</b>	<b>\$2,218,600.99</b>	<b>\$1,537,346.04</b>
6511						
6511.0	Hauling Fees	46,575.04	49,413.15	50,907.99	53,771.72	55,169.93
	<b>6511 - Totals</b>	<b>\$46,575.04</b>	<b>\$49,413.15</b>	<b>\$50,907.99</b>	<b>\$53,771.72</b>	<b>\$55,169.93</b>
6773						
6773.0	S A-Cnty Aud Coll	304.60	181.57	225.17	312.96	147.63
	<b>6773 - Totals</b>	<b>\$304.60</b>	<b>\$181.57</b>	<b>\$225.17</b>	<b>\$312.96</b>	<b>\$147.63</b>
6792						
6792.0	Univ Hts Trsf Station Fee	168,938.84	179,133.87	174,651.47	.00	.00
	<b>6792 - Totals</b>	<b>\$168,938.84</b>	<b>\$179,133.87</b>	<b>\$174,651.47</b>	<b>\$0.00</b>	<b>\$0.00</b>
6901						
6901.0	Reim-Employee	411.00	.00	.00	.00	.00
	<b>6901 - Totals</b>	<b>\$411.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
6902						
6902.0	Reim-Other Operating	20,355.07	.00	.00	.00	50.00
	<b>6902 - Totals</b>	<b>\$20,355.07</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$50.00</b>
	Department 6203 - Refuse Coll/Transfer Sta Totals	\$2,442,883.81	\$2,559,844.44	\$2,484,514.28	\$2,286,206.17	\$1,637,289.85
	<b>REVENUE TOTALS</b>	<b>\$2,442,883.81</b>	<b>\$2,559,844.44</b>	<b>\$2,484,514.28</b>	<b>\$2,286,206.17</b>	<b>\$1,637,289.85</b>
EXPENSE						
Department 6203 - Refuse Coll/Transfer Sta						
1001						

# **Transfer Station**

## **Tony Torres**



## Transfer station, side view

Collection trucks arrive at the ramp, above left, then drop the trash or recyclables into the transfer trucks below. The tractor-trailers then haul the materials to the landfill or the MRF.



**Transfer station dock**



**Unloading at transfer station**



## Side loader

These have two compartments, and were purchased specifically for dual-stream recyclables (paper / cans&bottles.) We have four of these. Average age is 14 years.



## **Rear loader, full-size**

(aka compactor, packer truck)

We own five rear loaders, two of this size and three smaller units. Average age is ~17 years.



## Front loader

These are overall the newest trucks in our fleet.  
We own five of these. Average age is 8 years.

1



2



3



4



**Front loader in operation**



## **Front loader side view**

The front bin can be easily replaced with a unit that has the mechanical pickup arm to empty the two-wheeled carts.

**Materials Recycling Facility  
“MRF”**

**Kimble Company  
Twinsburg, Ohio**

**Don Johnson**







**Task Force Vice-Chair  
Carin Miller**