

# International Safety Data on the Solid Waste Industry

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SWANA

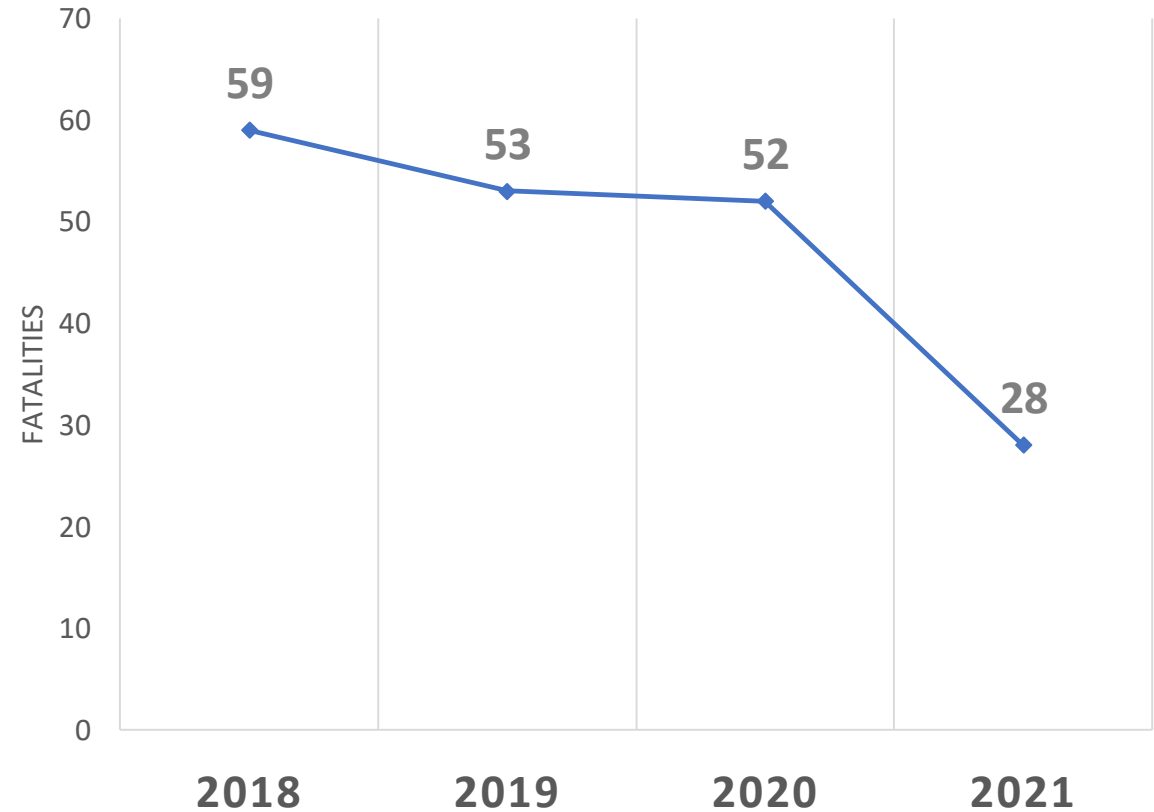
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# 2021 SWANA Fatality Report

## 28 MSW Workers Died in 2021

- Significant reduction
  - Fell by nearly 50%
- Downward trend since 2018
- First noted in June 2020

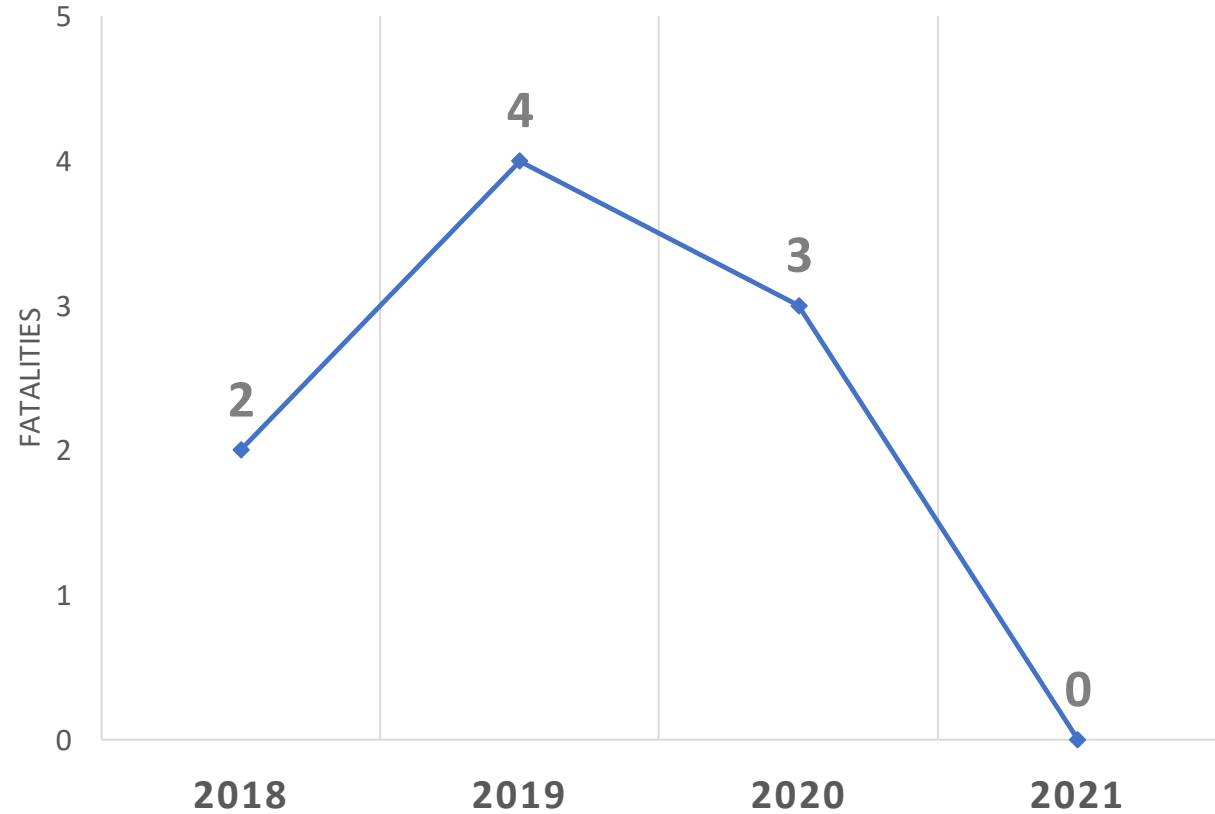
WORKER FATALITIES



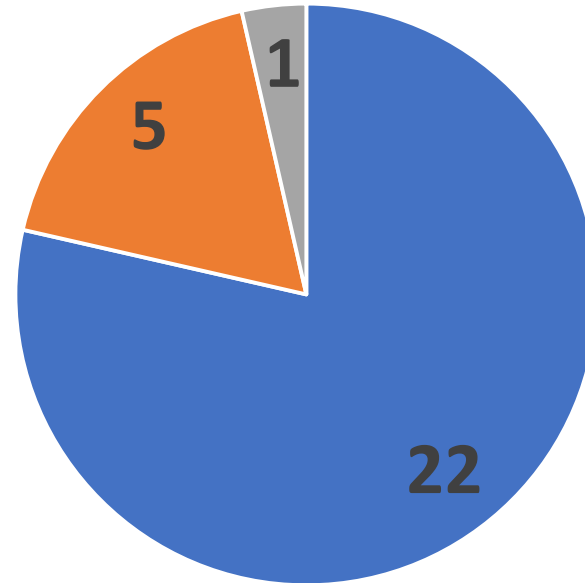
## 9 Fatalities Since 2018

- 8 Drivers/Helpers
  - 3 single vehicle accidents
  - 1 train crossing
  - 1 struck by collection vehicle
  - 1 collision
- 1 Mechanic
  - LO/TO failure

CANADIAN WORKER FATALITIES



## FATALITY LOCATION

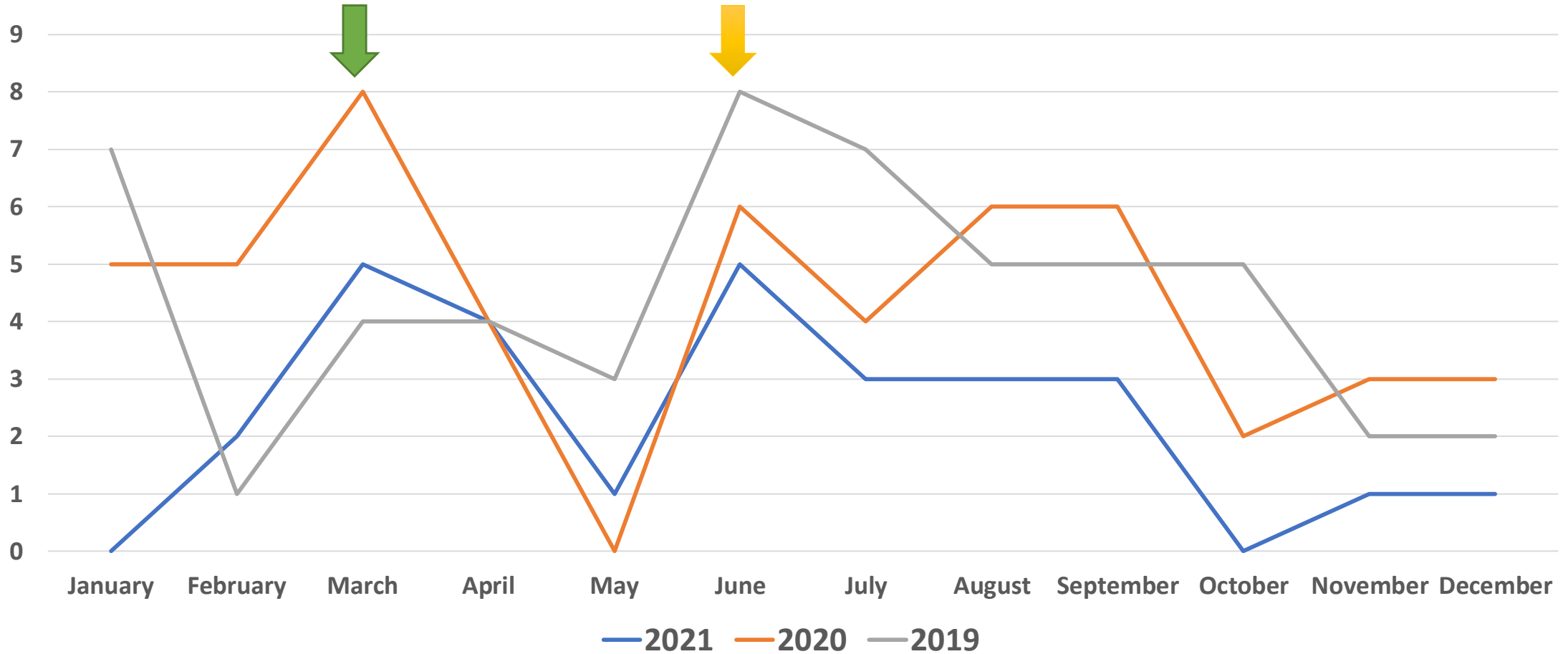


■ Collection   ■ Landfill   ■ MRF

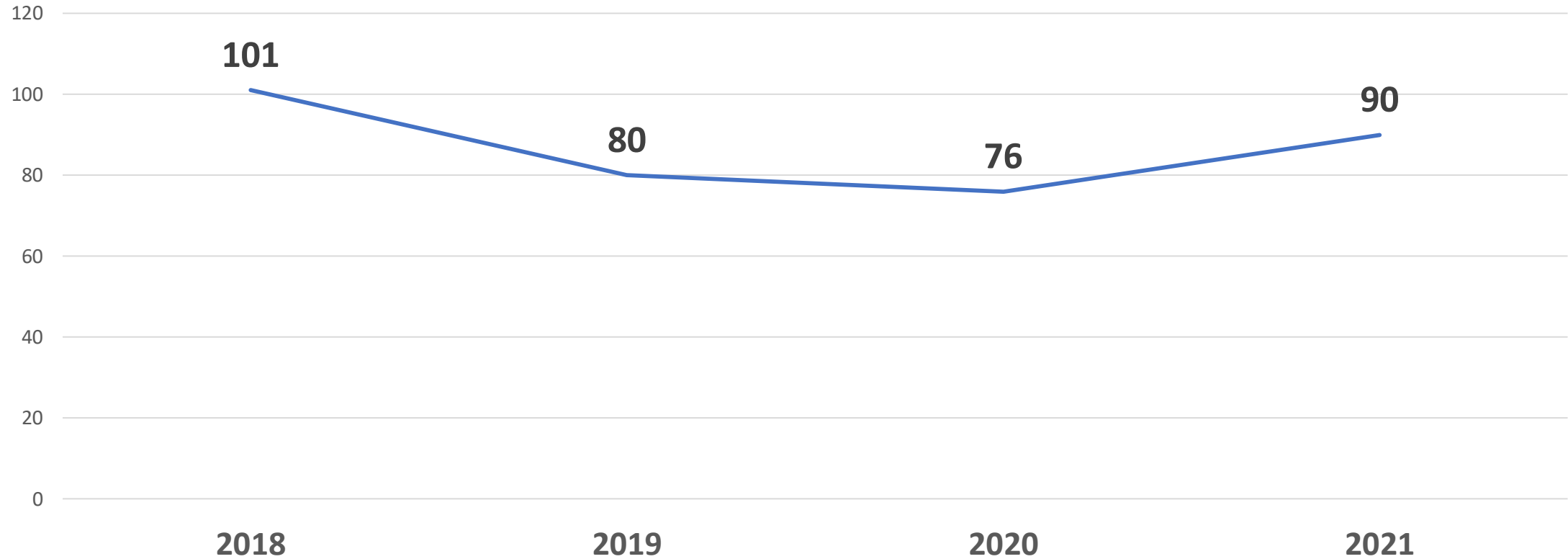
| EVENT                   | FATALITIES |
|-------------------------|------------|
| Struck by waste vehicle | 7          |
| Single vehicle crash    | 4          |
| Struck by vehicle       | 3          |
| Collision               | 2          |
| Riding step             | 2          |
| Medical event           | 2          |
| Workplace violence      | 2          |

| EVENT               | FATALITIES |
|---------------------|------------|
| Confined space      | 1          |
| Electrocution       | 1          |
| Heat stress         | 1          |
| Mechanical failure  | 1          |
| Roll-over           | 1          |
| Struck by container | 1          |

WORKER FATALITIES BY MONTH

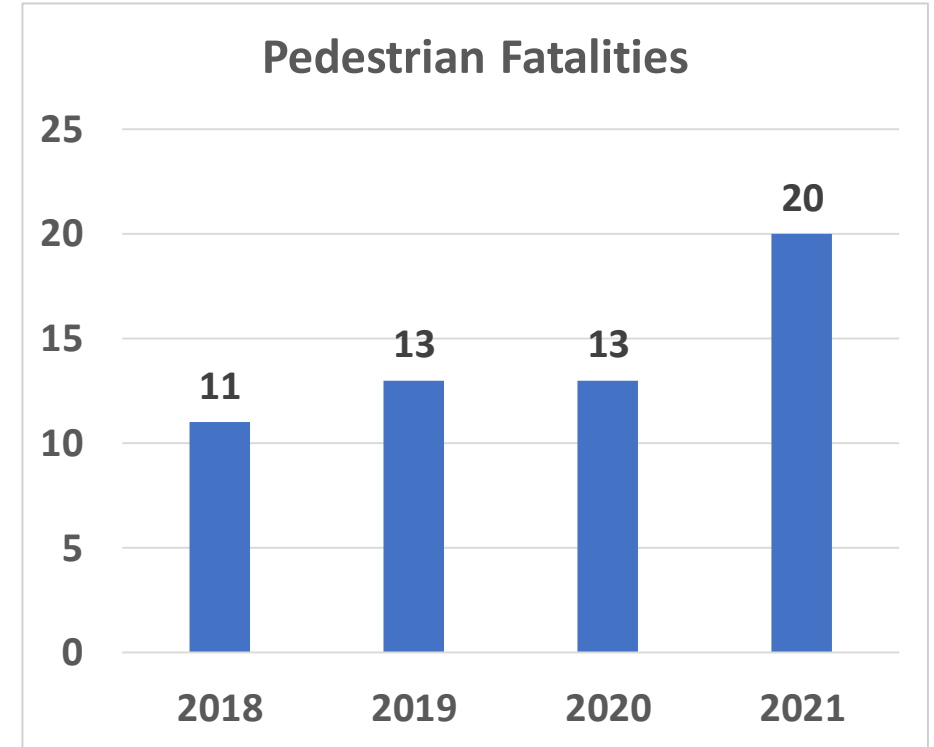


## 3RD PARTY FATALITIES





| <b>3rd PARTY ACTIVITY</b> | <b>FATALITIES</b> |
|---------------------------|-------------------|
| Driver/Passenger          | 52                |
| Pedestrian                | 20                |
| Motorcyclist              | 8                 |
| Homeless Person           | 4                 |
| Other                     | 3                 |
| Scooter Rider             | 2                 |
| Bicyclist                 | 1                 |



## **Kitchener, ON | February 2, 2021**

*3<sup>rd</sup> Party, Pedestrian, Female, 77*

Struck by collection vehicle turning left while she was crossing the street

## **Montreal, QC | April 8, 2021**

*3<sup>rd</sup> Party, Pedestrian, Female, 26*

Struck by collection vehicle backing after emptying container

## **Montreal, QC | May 17, 2021**

*3<sup>rd</sup> Party, Pedestrian, Female, 74*

Struck by collection vehicle turning right while she was crossing the street

## **Victoria, BC | June 1, 2021**

*3<sup>rd</sup> Party, Pedestrian, Male, 34*

Pushed into path of collection vehicle during fight with 3<sup>rd</sup> party

## **Surrey, BC | August 6, 2021**

*3<sup>rd</sup> Party, Pedestrian*

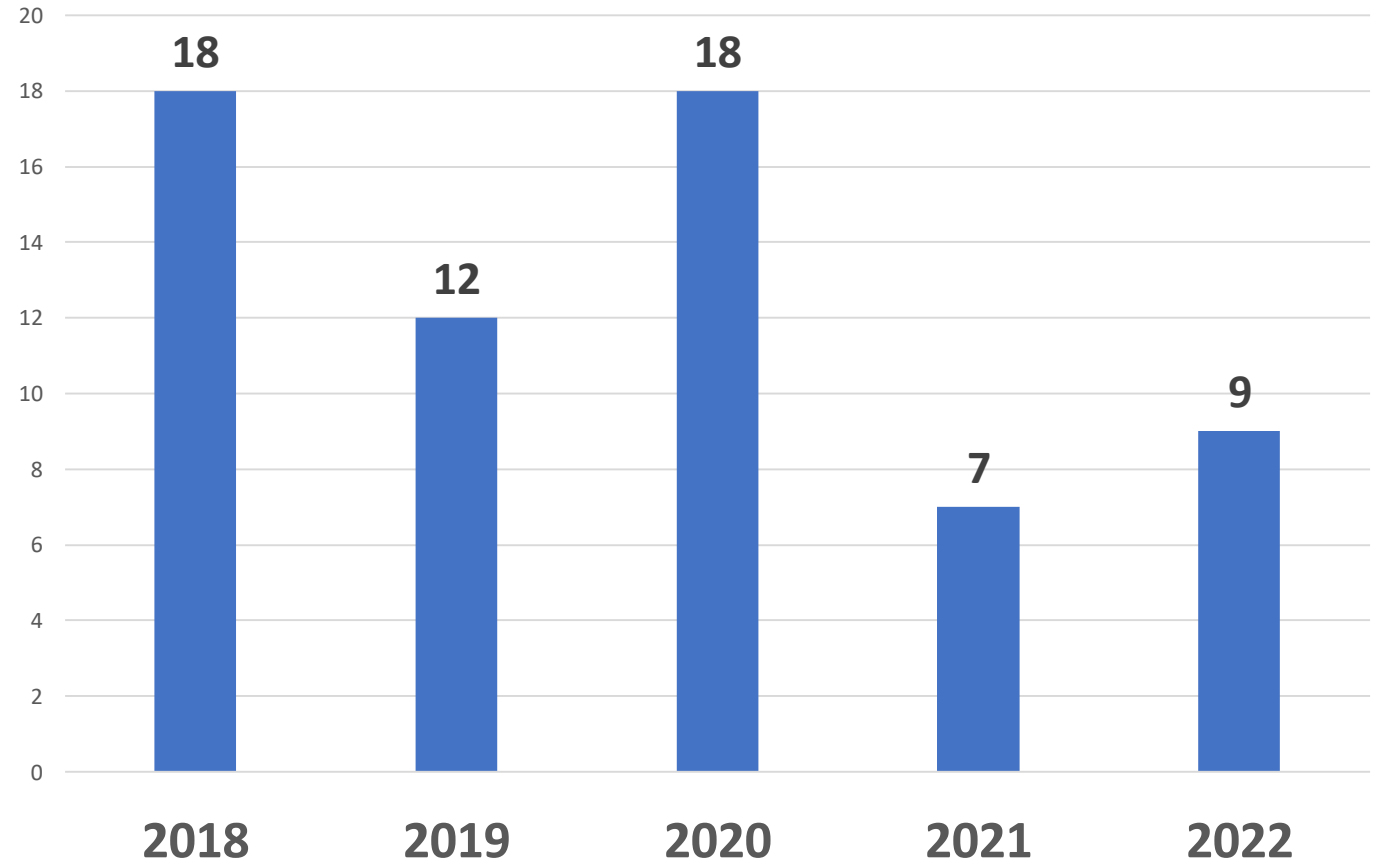
Struck by collection vehicle backing up while making collection

# 2022 Fatalities

## 9 Worker Fatalities

- 1 Driver
- 4 Helpers
- 2 Landfill
- 1 MRF Worker
- 1 Mechanic

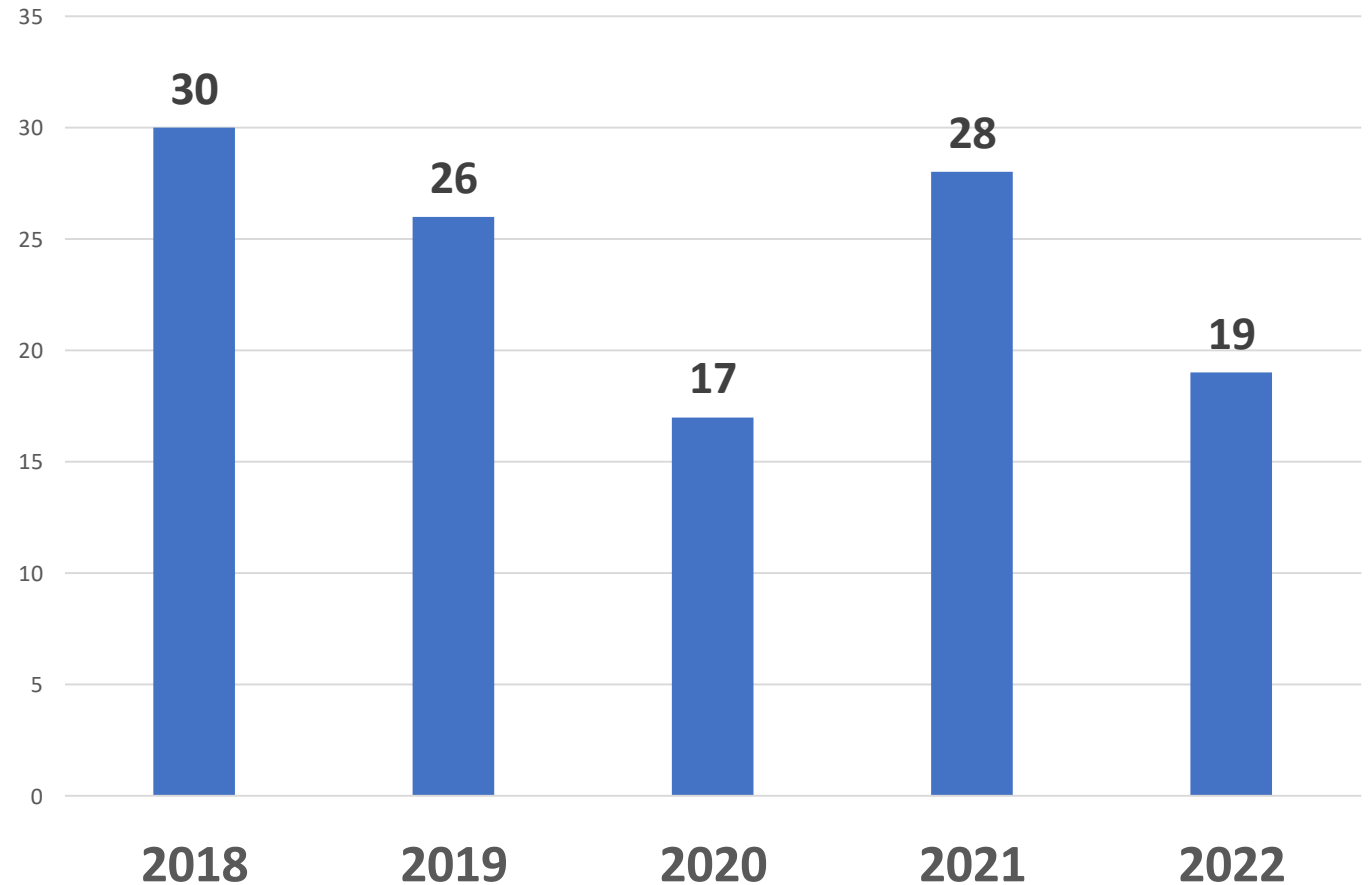
Worker Fatalities by March 31st



## 19 3<sup>rd</sup> Party Fatalities

- 11 Drivers/Passengers
- 4 Pedestrians
- 2 Homeless Person
- 1 Scooter Rider
- 1 Bicyclist

3rd Party Fatalities by March 31st

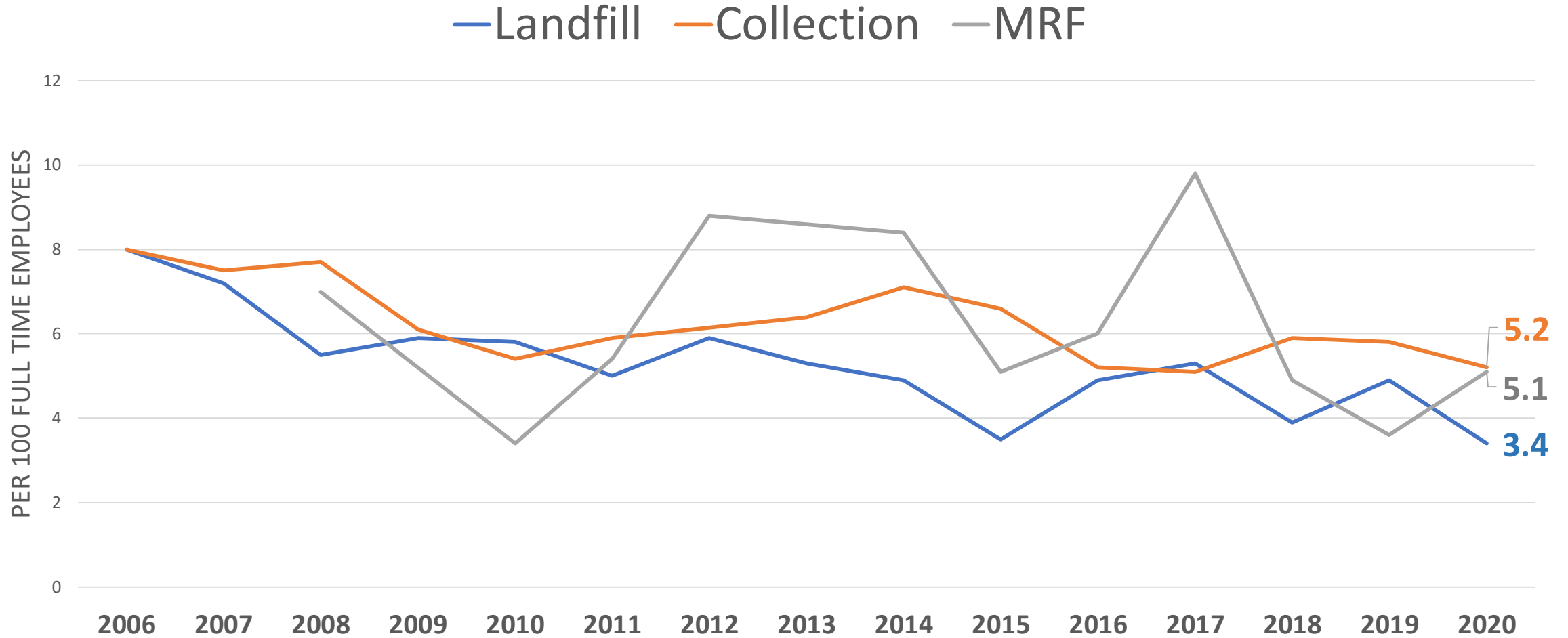


# U.S. Bureau of Labor Statistics (BLS)

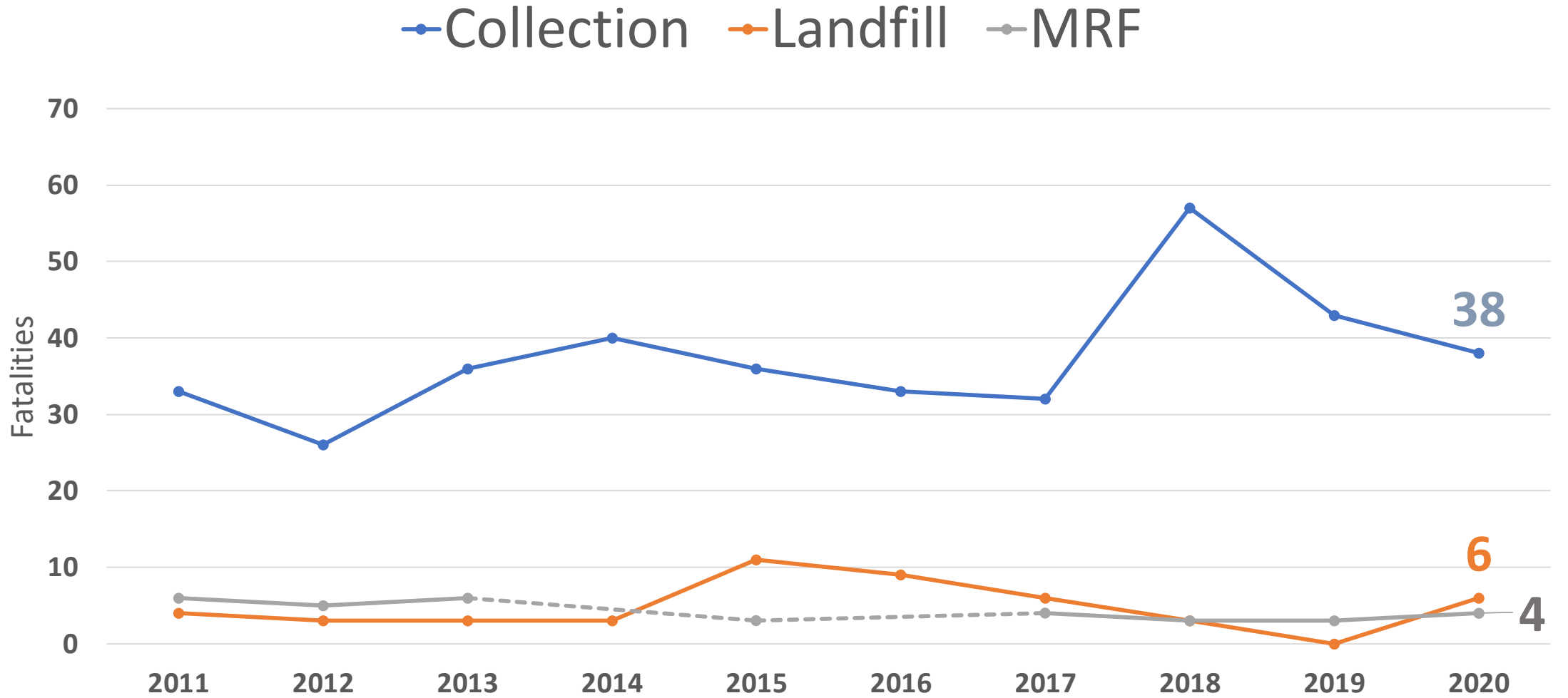
Survey of Occupational Injuries and Illnesses (SOII)

Census of Fatal Occupational Injuries (CFOI)

# U.S. Injury & Illness Rate 2006 - 2020



# U.S. Fatalities 2011 - 2020







## Resources & Initiatives

- ✓ Five to Stay Alive Campaign
- ✓ SWANA Safety Pledge
- ✓ Safety Matters Weekly Newsletter
- ✓ Slow Down to Get Around
- ✓ Hauler Safety Outreach
- ✓ And More...



[SWANA.org/SAFETY](https://www.swana.org/SAFETY)



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# Thank You

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