

**Washington State  
Labor and Industries  
CONSTRUCTION ADVISORY COMMITTEE (CAC)**  
Agenda  
June 29, 2022  
1:00-3:00pm  
Virtual Webinar

The mission of the Washington State Construction Advisory Committee is to provide a forum where business, labor, and government identify challenges and develop solutions to Washington's construction workplace health and safety challenges.

**Committee Leadership:**

Craig Blackwood, Assistant Director, DOSH  
Cari Anderson, Deputy Assistant Director  
Kirk Baisch, University Mechanical, Business  
Travis Brock, Shield of Armor Safety, Business  
Cory Elliott, Pacific Northwest Council of Carpenters, Labor

**Introduction/Opening Remarks:** [Craig Blackwood](#) **1:00-1:05**

- Location and time TBD for September/October CAC meeting.

**SHARP update:** [Randy Clark](#) **1:05-1:30**

- Provided presentation on Construction Fatalities - **attached**

**Questions from attendees:**

- How would I get to PowerPoint and links?
  - PDF will be sent out with meeting summary
- How many fatalities are COVID related?
  - Don't talk illness or diseases, SHARP colleagues have this information. Can be found on the website here →
- Anyway to have some sort of brainstorming group? Industry can partner with the department in areas of concern? For instance, Outreach?
  - Craig answered that yes a sub-committee would be the way to do that.
- Define accidental poisoning?
  - A lot are fentanyl related combined with other drugs. Determined as not suicide.
- Important to track the accidental deaths/suicides, is there a way to track that?
  - Don't have the type of data to determine definitively. Track work related or at work fatalities.

**Violation, fatality and hospitalization data:** [Craig Blackwood](#) **1:30-1:45**

- Craig provided overview of violation, fatality and hospitalization - **attached**
  - Reviewed recent fatality cases in Construction
  - Reviewed recent hospitalizations in Construction
  - Reviewed DOSH Interventions in Construction – both inspection and violation stats
  - Reviewed COVID related inspections
  - Reviewed top cited violations
  -

**Rules update:** [Ryan Allen](#) **1:45-2:00**

- Provided link to the Public Participation calendar → [Public Participation \(wa.gov\)](#)
- Gave an update on the Fall Protection rule
  - In the process of putting public hearings together, not official out yet
    - Intending to have public hearings in August; one on east side, one on west side and one virtually.
- Continuing work on Trench Work rule making
  - Will meet with team to get update on meeting that took place today
- Update to discrimination rule – looking to get filed on Friday (July 1)
  - One big change 90 days to file a complaint rather than 30
- Continuing permanent rulemaking for heat stress and wildfire smoke
  - Looking for other opportunities to engage with stakeholders throughout process
- Crane rulemaking is moving forward
  - Completed our documents and are currently under review

**Questions from attendees:**

- Stakeholder meetings scheduled for the crane rule?

- No. But open to discuss if more discussion is needed.
- Fall protection rule comment – understand that it was forced by OSHA, only hope if you can make it 6ft across the board, make it a standard. Will help safety managers in the field greatly, especially with the training materials. Doesn't create confusion when going across the states.
  - Will discuss internally
- Date going into effect for fall protection?
  - No date set yet
  - Provided link to DOSH rulemaking projects → [Safety & Health Rulemaking Stakeholder info \(wa.gov\)](#)
  - Provided link to subscribe to email updates → [Washington State Department of Labor & Industries \(govdelivery.com\)](#)

**START Update:** [Pam Cant](#), Consultation Operations Manager

**2:00-2:15**

- Gave presentation on Safety Through Achieving Recognition Together ([START](#)) – **attached**

**Questions from attendees:**

- Company I work with is too large to fall into the category, always looking for ways to partner, but VPP hasn't worked well with other construction companies that he has seen. Have you thought to expand to larger companies or a program for other companies?
  - Pam asked, would you be interested to having a conversation about this? With retooling of START program looking to hit those "middle folks".
  - Recognize that there is a gap.
- Mentioned very hard to get a hold of anyone in Consultation. Called all regions and did not get a call back. Only Region 6 responded. Can do some quality control that would be appreciated.
  - [Request a Consultation](#)

**Education and outreach Update:**

**2:15-2:30**

- **Fall Protection Stand-down:** [Michael Lynch](#)
  - Wrapped up 9<sup>th</sup> annual Fall Prevention stand down
  - Goal as a team to promote Stand Down
  - Incentivize employers to participate in the Stand Down
    - Via feedback survey
  - Heard that some employers have had a whole week of Stand Down events and incorporated other topics within their Stand Down
  - Medium to large size employers are who respond most
    - In contrast those who die in construction are those who work for smaller employers
    - Biggest challenge getting small employers involved in the Stand Down
  - Provided an example of how employers have been involved
- Would like to extend the challenge to 'all of you' to help promote or organize Stand Down event, please do.
- Visit [National Safety Stand-Down to Prevent Falls in Construction](#)
- **Construction Safety Day update-March 30<sup>th</sup>:** [Tasha Dragovich](#)
  - Provided an update of virtual Construction Safety Day
  - Next Construction Safety Day will be March 29<sup>th</sup>, 2023
- **Governors Safety and Health Conference:** [Tasha Dragovich](#)
  - Provided highlights and overview of upcoming [conference](#)
  - Exhibitor registration June 15<sup>th</sup>
  - Attendee registration targeted for July 5<sup>th</sup>

**Compliance Update:** [Bruce Christian](#)

**2:30-2:45**

- Five Construction fatality inspections in progress
- COVID related inspections have decreased
  - Dramatic decrease in COVID compliance activity

**Open Forum:** All

**2:45-3:00**

- Craig provided brief TBD date on next CAC meeting.

**Adjourn**

**3:00**

**Future Meeting Information:**

September/October TBA December

20, 2022 1:00-3:00

# CAC Meeting Contact Information

## Co-Chair Members

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# Fatal Construction Injuries in WA Workplaces

Update for CAC Meeting,  
June 29, 2022  
Randy Clark

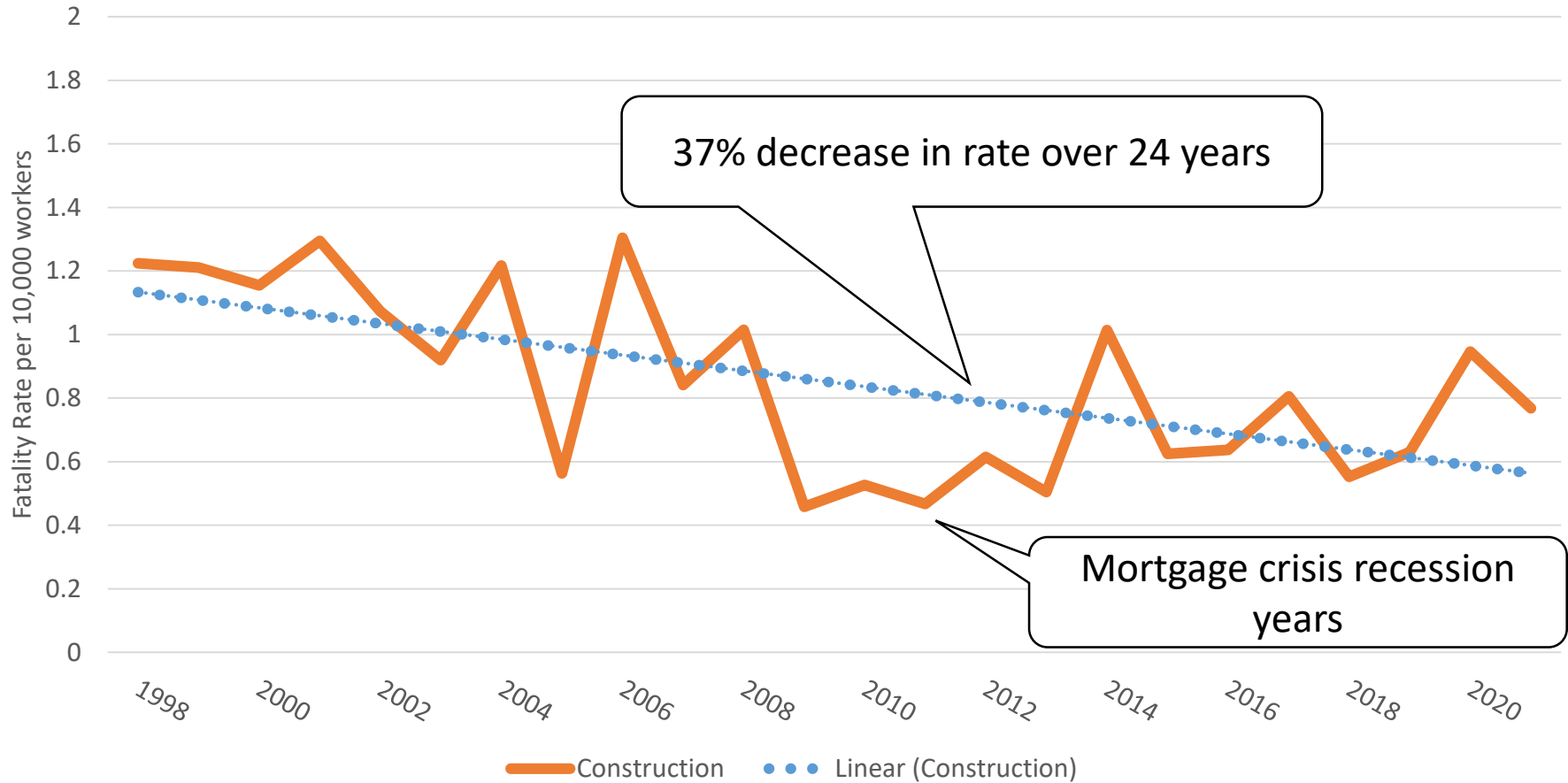
[Washington FACE](#)

Washington State Department of Labor & Industries, Olympia, Washington  
[claa235@lni.wa.gov](mailto:claa235@lni.wa.gov)

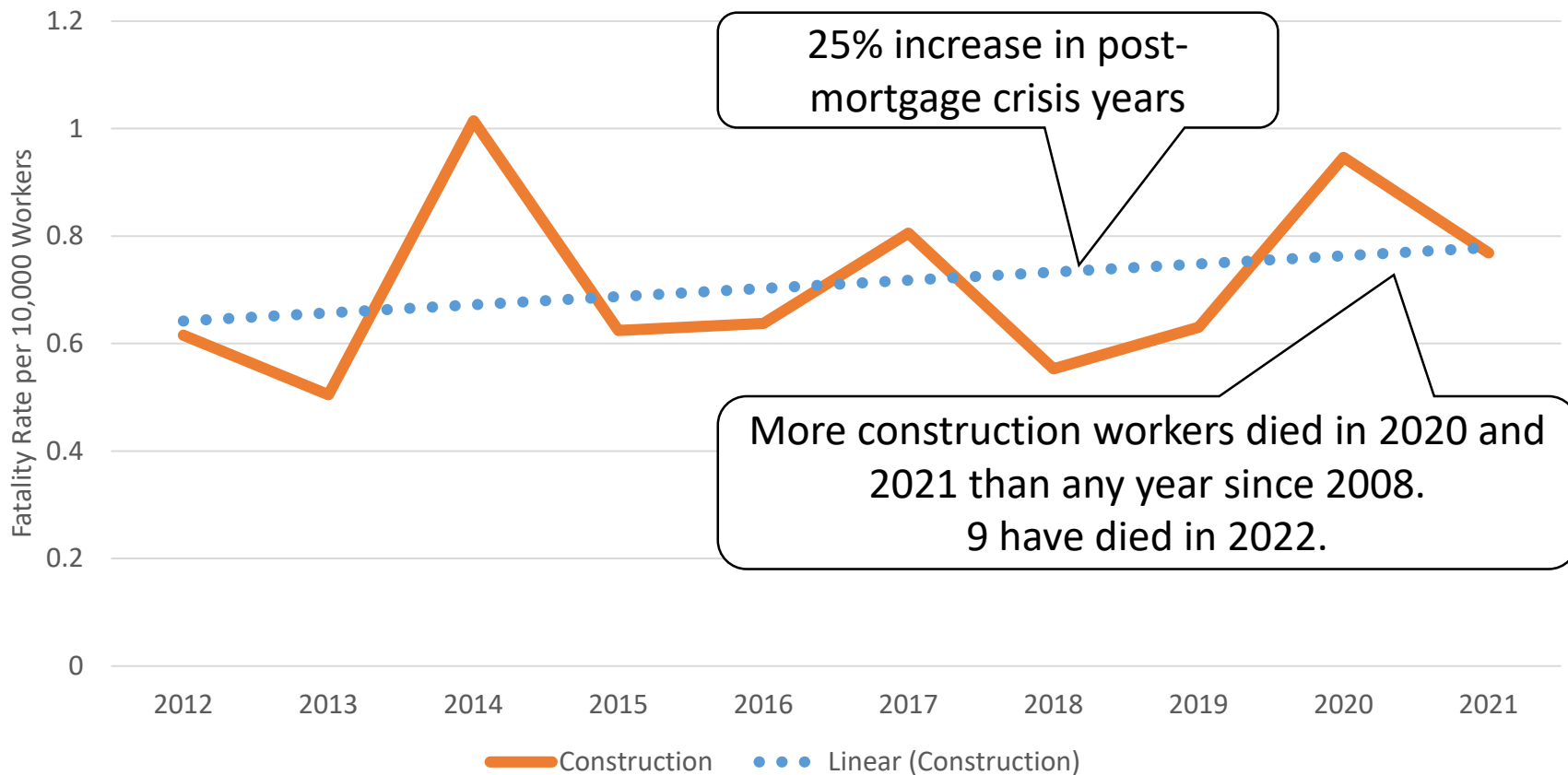
## Good things to know

- WA FACE's goal is to prevent work-related fatal injuries.
- FACE receives funding from the National Institute for Occupational Safety and Health (NIOSH) to track fatal work-related traumatic injuries. FACE counts:
  - Deaths due to traumatic injury, not disease or natural causes. Includes MVIs, homicides, suicides, drug overdoses.
  - Deaths that occur at work and where there's an established work connection.
- Rates: Number of workers injured or killed / all workers. State, industry, and year specific.
- Incident type: Circumstances that caused an injury in broad categories – Falls, MVIs, Machinery.
- Industry: Sector > sub sector > industry.
- Trend lines: Also known as best fit lines, illustrate trends in data.

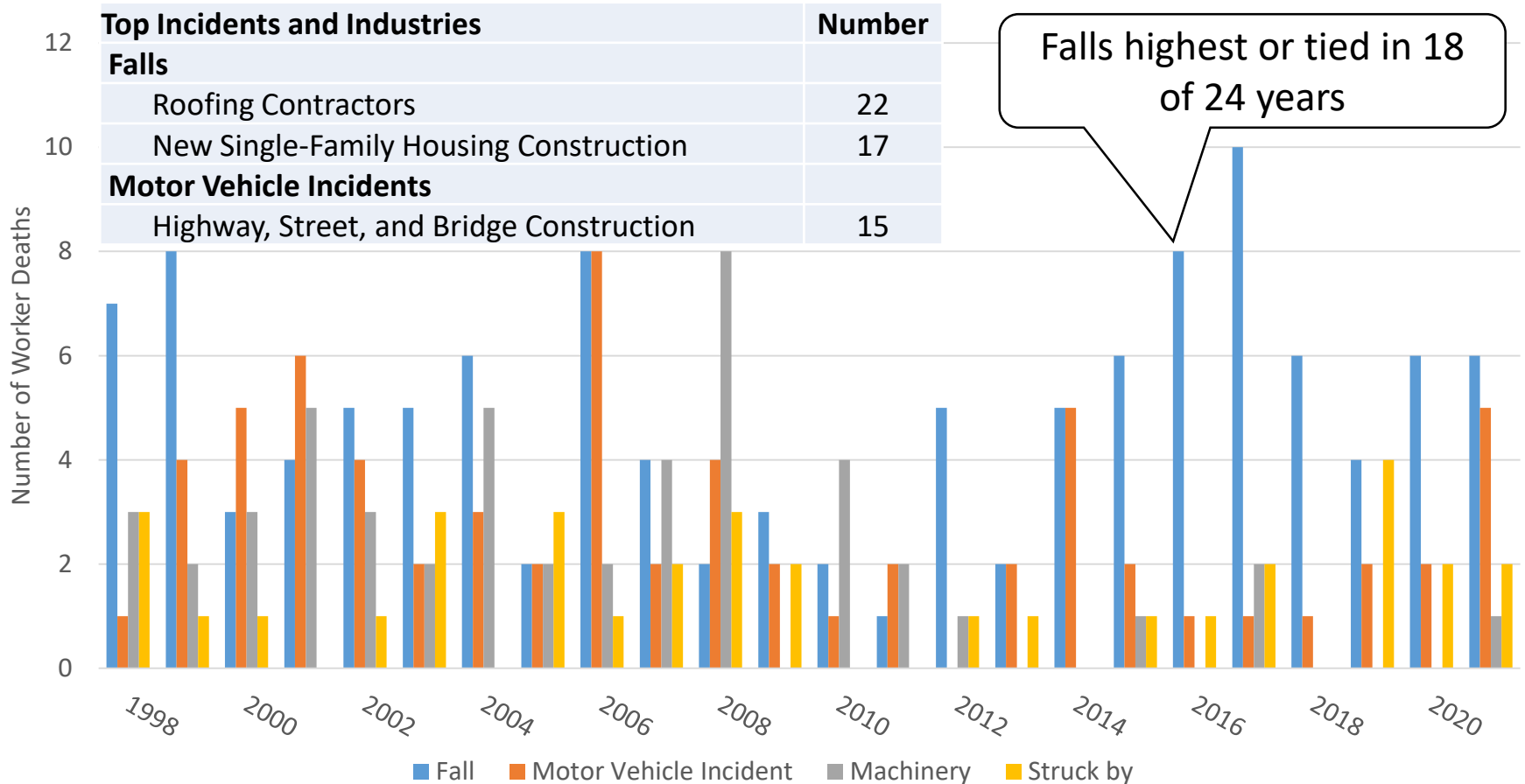
# Fatality Rates in Construction Sector, 1998-2021



# Fatality Rates in Construction Sector, 2012-2021

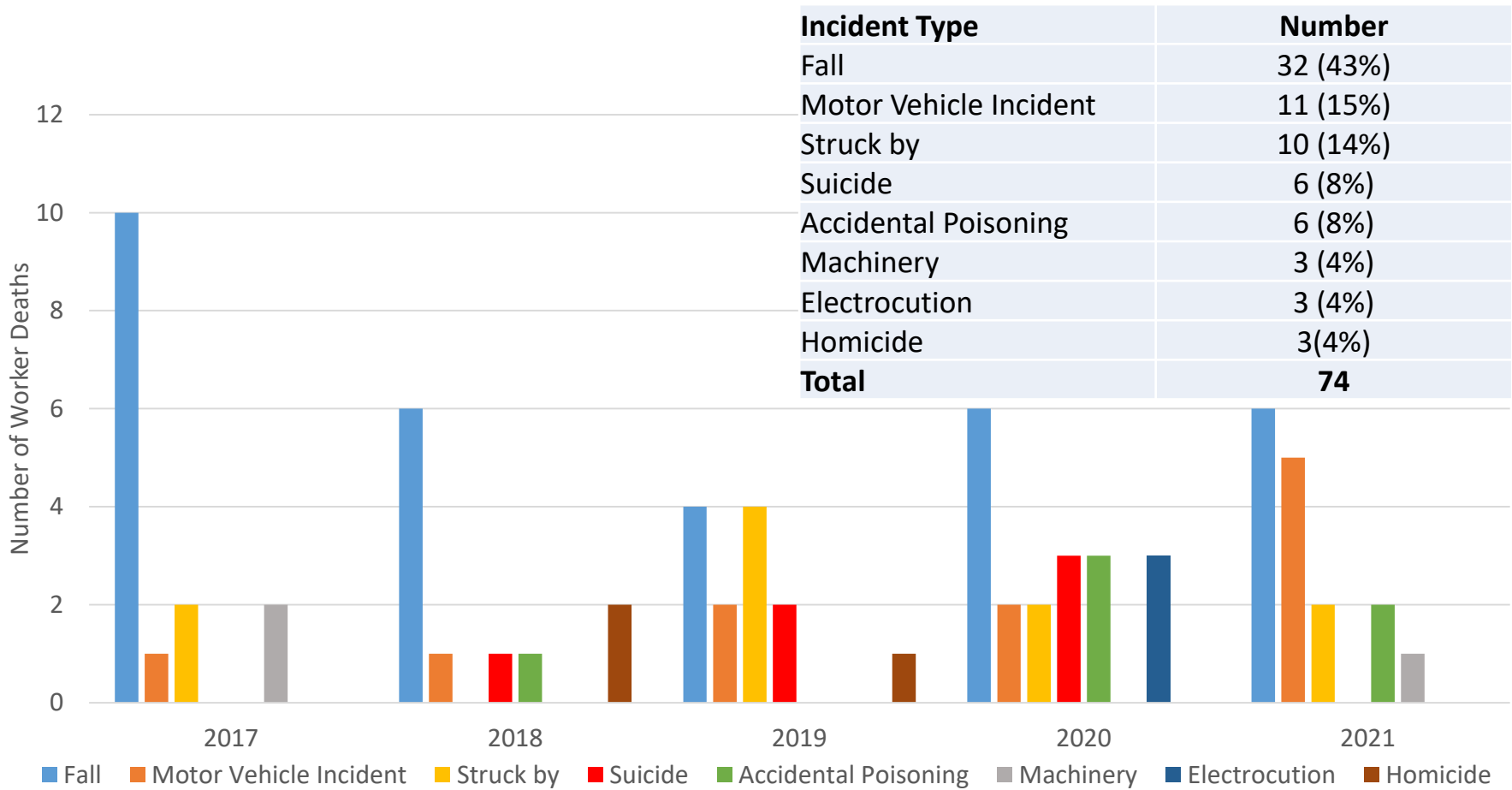


# Worker Deaths by Most Frequent Incidents (4), 1998-2021



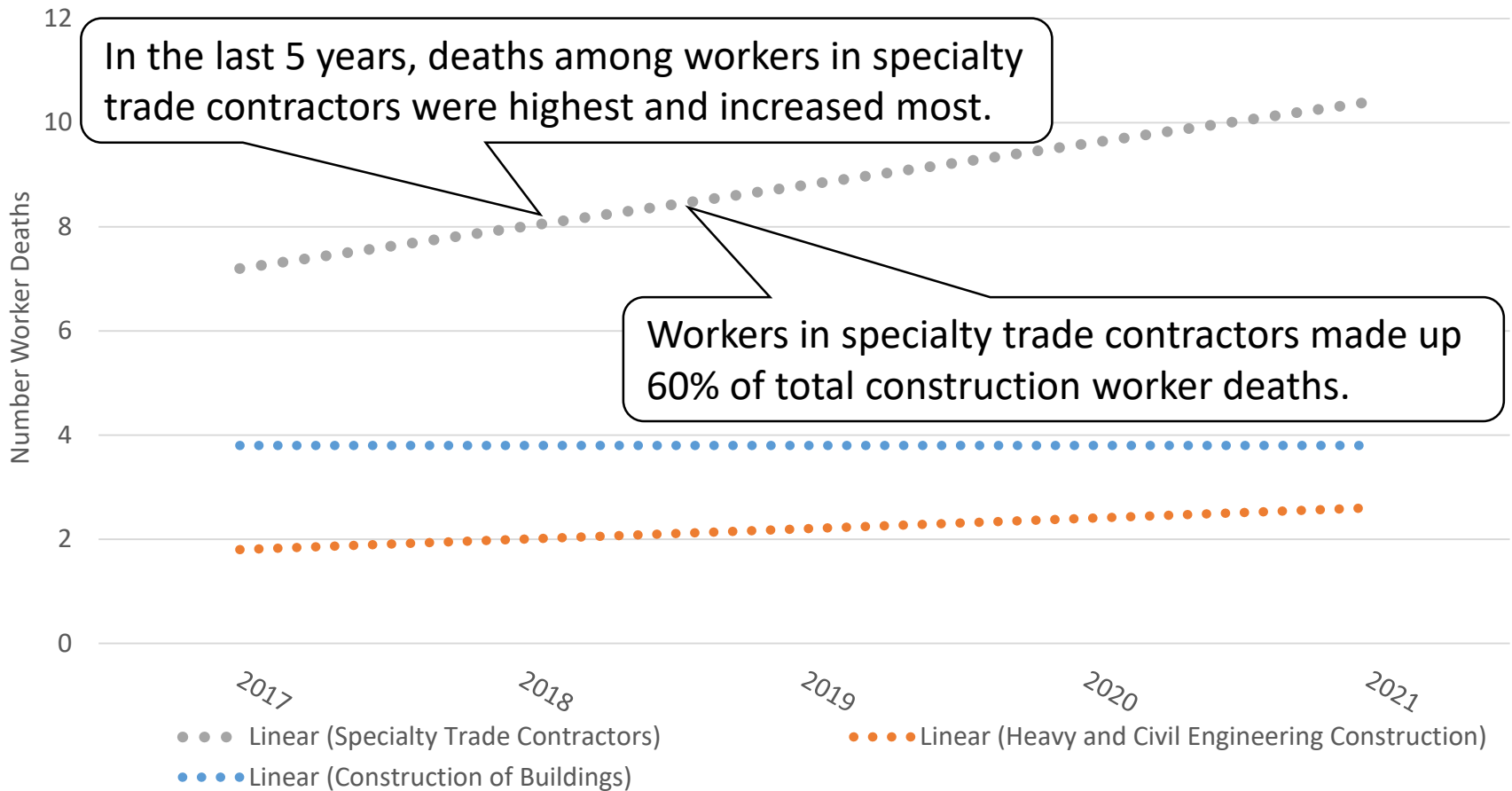


# Worker Deaths by All Incident Types, 2017-2021

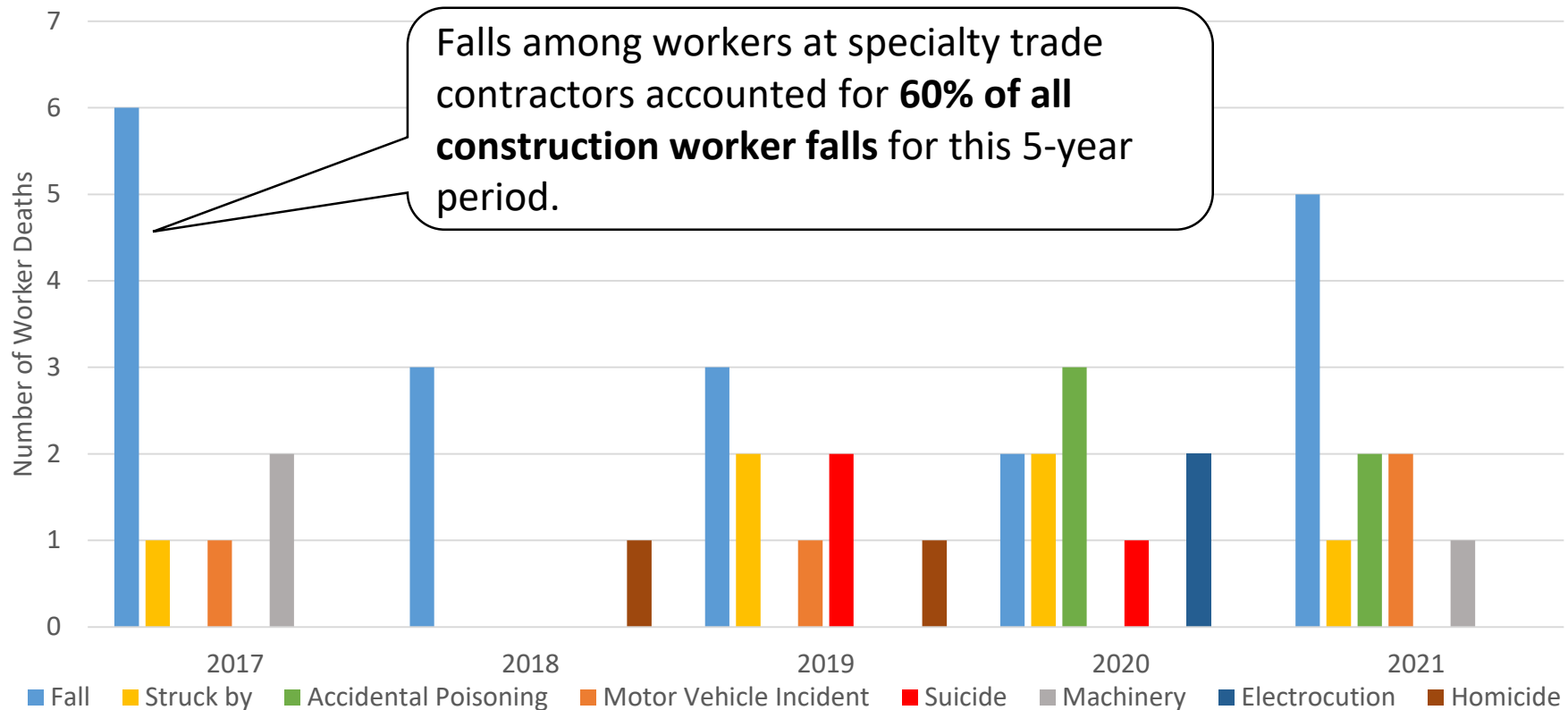


Incident Type	Number
Fall	32 (43%)
Motor Vehicle Incident	11 (15%)
Struck by	10 (14%)
Suicide	6 (8%)
Accidental Poisoning	6 (8%)
Machinery	3 (4%)
Electrocution	3 (4%)
Homicide	3(4%)
<b>Total</b>	<b>74</b>

# Fatality Trends by Construction Sub-Sector, 2017-2021



# Worker Deaths Among Specialty Trade Contractors by Incident Types, 2017-2021



# High Hazard 4 x 4s

- 4 industries x 4 incidents
- Account for 1/3 of deaths

34% were falls  
22% were MVIs  
3 suicides, 3 overdoses

Rank		1	2	3	4
	Industry, 1998-2016	Fall	Motor Vehicle	Machinery	Struck by
1	New Single-Family Housing Construction	13	5	4	2
2	Highway, Street, and Bridge Construction	2	14	7	
3	Site Preparation Contractors*		6	8	8
4	Roofing Contractors*	14	2	3	

43% were falls  
14% were MVIs  
6 suicides, 6 overdoses

Rank		1	2	3	4
	Industry, 2017-2021	Fall	Motor Vehicle	Struck by	Suicide
1	Roofing Contractors*	8			1
2	All Other Specialty Trade Contractors*	2		3	
3	Residential Remodelers*	3	1	1	1
4	Site Preparation Contractors*	1	2	1	

\*specialty trade contractors

## Summary

- Fatality rates among construction workers declined in the last 24 years but have increased in the last 5-10 years.
- The number of worker deaths trended upward particularly among specialty trade contractors in the last 5 years.
- Worker deaths due to falls was highest in most years, including the last 5 years. Roofing contractors suffered the highest number of worker deaths.
- Worker deaths due to MVIs decreased in the last 5 years.
- There was a dramatic rise in the number of suicides and overdoses in the last 5 years.

## Learning and Teaching – FACE Fatality Narratives

Slideshows have more photos, illustrations and details.

### Construction

- [Truck Driver/Equipment Operator Crushed while Loading Backhoe onto Trailer Slideshow](#)
- [Apprentice Ironworker Struck by Dropped Steel Wedge Slideshow](#)
- [Communication Tower Worker Falls 260 Feet Slideshow](#)

### Trucking

- [Driver Caught Between Trucks at Warehouse Loading Dock Slideshow](#)
- [Truck Driver Has Fatal Fall While Tarping Flatbed Trailer Slideshow](#)
- [Driver Struck by Semi-Truck in Shipper's Parking Lot Slideshow](#)

Also available for Agriculture and Services sectors.

## Learning and Teaching FACE Fatality Investigations

### Some topics explored:

Hazardous energy control,  
APP/LOTO/safety program audit deficiencies

- [Driver Crushed Under Tires of Rollaway Chip Truck](#)    [Summary](#)
- [Compost Plant Operator Caught in Rotating Conveyor Belt](#)    [Summary](#)
- [Hay Press Operator Struck by Machine's Guillotine Blade](#)    [Summary](#)

## Other topics we're concerned about recently

- [Retail Hazard Alert: Women Victims of Homicide](#) | [Korean](#)
- [Workplace Homicide by Gender](#)
- [Alert: Suicides at Work in Construction](#)
- [Painter Dies from Accidental Drug Overdose](#)

### In 2022 so far:

Homicides: 7  
Suicides: 6  
Overdoses: 5

\*All industries

## Learning and Teaching – Sign up to receive WA FACE publications by email:

- [Construction Fatality/Injury Narratives](#)
- [Trucking Fatality/Injury Narratives](#)
- [Agriculture Fatality/Injury Narratives](#)
- [Fatality Investigation Reports](#)



## Promoting – Safety Campaigns

[Safety Stand-Down to Prevent Falls in Construction](#) – May

[Excavation and Trenching Safety Stand-Down](#) – June

# Questions

# Safety Through Achieving Recognition Together

START

# START Benefits

Benefits for START companies:

- Employers lower their costs. Exempt from planned compliance inspections.
- Employers and employees work together cooperatively.
- Employers receive a comprehensive, no-charge safety and health consultation from L&I.
- Risk Management educates on the relationship between cost of insurance and workplace injuries.



# Being a START work site:

- Lets you establish a positive working relationship with L&I's Division of Occupational Safety and Health (DOSH).
- Helps establish a competitive advantage by being recognized as a safety-conscious company.
- Leads to enhanced public recognition
- [Safety Through Achieving Recognition Together \(START\) \(wa.gov\)](http://wa.gov)



# Program Requirements

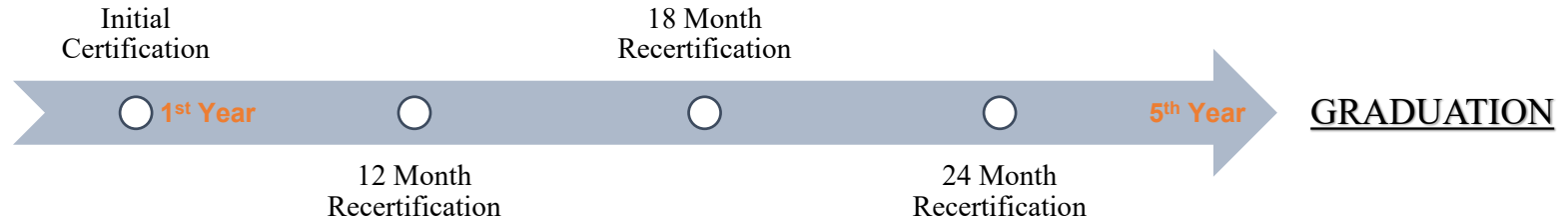
- Employ fewer than 50 workers at a specific work site and not more than 250 statewide.
- Be in business and operating for at least one year.
- Demonstrate an injury/illness rate for the preceding year that is below their industry's average.
- Receive a full-service safety and health consultation visit and a comprehensive review of their safety and health management system.

# Program Requirements

- Agree to request a subsequent on-site consultation visit.
- Commit to developing and implementing a safety and health management program that is sustained through the collaboration of employees and management.



## Safety Through Achieving Recognition Together (START)



\*All Consultations are at NO cost to the employer and confidential.



# START

Pre-Start

# Questions

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## Top 10 Construction Related Violations Cited

TOP SERIOUS & HIGHER VIOLATIONS CITED					
CY 2021			CY 2022 - thru May 31		
Rank	WAC Cited	Times Cited	Rank	WAC Cited	Times Cited
1	296-880-200: Fall protection required at four feet or more	378	1	296-880-200: Fall protection required at four feet or more	141
2	296-880-100: Fall protection. Application.	283	2	296-880-100: Fall protection. Application.	100
3	296-880-300: Specific fall protection requirements.	220	3	296-62-077: Asbestos, tremolite, anthophyllite & actinolite	79
4	296-62-077: Asbestos, tremolite, anthophyllite & actinolite	169	4	296-880-300: Specific fall protection requirements.	71
5	296-876-400: Getting on and off ladders at upper levels	164	5	296-876-400: Getting on and off ladders at upper levels	66
6	296-155-110: Accident Prevention Program	132	6	296-155-110: Accident Prevention Program	55
7	296-155-350: General requirements	114	7	296-155-350: General requirements	35
8	296-155-040: Safe Place Standards	54	8	296-155-205: Head protection	21
9	296-155-657: Requirements for protective systems	42	9	296-155-655: General protection requirements.	16
10	296-155-205: Head protection	40	10	296-874-200: General requirements for scaffolds.	15

TOP GENERAL VIOLATIONS CITED					
CY 2021			CY 2022 - thru May 31		
Rank	WAC Cited	Times Cited	Rank	WAC Cited	Times Cited
1	296-155-110: Accident Prevention Program	613	1	296-155-110: Accident Prevention Program	230
2	296-155-120: First-aid training and certification	163	2	296-155-120: First-aid training and certification	64
3	296-880-100: Fall protection. Application.	61	3	296-880-100: Fall protection. Application.	26
4	296-901-140: Hazard communication	57	4	296-800-130: Safety committees/safety meetings	17
5	296-842-140: Medical evaluations	37	5	296-800-140: Core Rules: Accident Prevention Program	16
6	296-800-130: Safety committees/safety meetings	36	6	296-800-160: Personal Protective Equipment (PPE)	15
7	296-800-140: Core Rules: Accident Prevention Program	35	7	296-901-140: Hazard communication	13
8	296-155-200: Personal protective equipment	25	8	296-842-140: Medical evaluations	10
9	296-27-031: Reporting fatalities, inpatient hospitalizations, and	22	9	296-27-031: Reporting fatalities, inpatient hospitalizations, and	9
10	296-62-077: Asbestos, tremolite, anthophyllite & actinolite	22	10	296-62-077: Asbestos, tremolite, anthophyllite & actinolite	9

## DOSH Interventions in Construction CY 2017 - May 31, 2022

All Industries							
ALL INDUSTRIES	CY Inspections Issued	2017	2018	2019	2020	2021	2022
	Total Inspections Conducted	4,025	4,427	4,900	4,328	4,401	1,942
	Total Employer Consultations Visits	2,446	2,769	2,797	1,825	1,896	745

vs.

Construction Industry Only							
Construction Inspection Stats		2017	2018	2019	2020	2021	2022
	Percent of all Inspections	47.2%	48.8%	51.1%	43.9%	44.2%	40.1%
	<b>Inspections with Violations</b>	<b>1,229</b>	<b>1,483</b>	<b>1,668</b>	<b>1,087</b>	<b>1,238</b>	<b>457</b>
	<b>No Violation Inspections</b>	<b>672</b>	<b>677</b>	<b>834</b>	<b>811</b>	<b>706</b>	<b>322</b>
	% of Inspections with No Violations	35.3%	31.3%	33.3%	42.7%	36.3%	41.3%
	<b>TOTAL INSPECTIONS PERFORMED</b>	<b>1,901</b>	<b>2,160</b>	<b>2,502</b>	<b>1,898</b>	<b>1,944</b>	<b>779</b>
	~ Inspections by Assignment Type						
	Fatality Inspections	11	6	6	5	13	7
	Hospitalization Inspections	60	158	142	103	178	51
	Complaint Inspections	69	74	94	102	108	63
	Referral Inspections <sup>1</sup>	529	556	555	583	549	206
	Scheduled/Programmed Inspections	1,008	1,123	1,356	822	833	347
	Un-Programmed Related/Other	224	243	349	283	263	105
Construction Violation Stats		2017	2018	2019	2020	2021	2022
	Serious Violations & Higher	2,420	3,011	3,160	2,024	2,317	866
	% Serious & Higher Cited	60.6%	60.7%	59.3%	58.0%	60.2%	60.4%
	General Violations	1,572	1,948	2,165	1,467	1,529	568
	<b>TOTAL VIOLATIONS CITED</b>	<b>3,992</b>	<b>4,959</b>	<b>5,325</b>	<b>3,491</b>	<b>3,846</b>	<b>1,434</b>
	<b>TOTAL ASSESSED PENALTIES</b>	<b>\$7,545,420</b>	<b>\$7,797,540</b>	<b>\$7,154,090</b>	<b>\$5,214,041</b>	<b>\$7,967,870</b>	<b>\$2,421,324</b>

COVID RELATED INSPECTIONS  (subset of total inspections)		2017	2018	2019	2020 <sup>2</sup>	2021	2022
	Inspections with Violations				223	136	23
	No Violation Inspections				266	67	4
	<b>TOTAL COVID RELATED INSPECTIONS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>489</b>	<b>203</b>	<b>27</b>
	~ COVID Inspections by Assignment Type						
	Accident Investigations				-	-	1
	Complaint Inspections				34	36	7
	Hospitalizations				9	8	1
	Referral Inspections <sup>1</sup>				221	81	10
	Scheduled/Programmed Inspections				154	48	3
	Un-Programmed Related/Other				71	30	5

COVID VIOLATIONS* (subset of total vios)		2017	2018	2019	2020	2021	2022
	Serious Violations & Higher				117	75	6
	% Serious & Higher Cited				5.8%	3.2%	0.7%
	General Violations				38	14	12
	<b>TOTAL COVID FLAGGED VIOLATIONS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>155</b>	<b>89</b>	<b>18</b>
	<b>TOTAL ASSESSED PENALTIES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$192,950</b>	<b>\$143,295</b>	<b>\$8,700</b>

Construction Consultations	<b>TOTAL CONST CONSULTATION VISITS</b>	<b>1,101</b>	<b>1,199</b>	<b>1,123</b>	<b>815</b>	<b>676</b>	<b>332</b>
	Percent of all Consults	45.0%	43.3%	40.2%	44.7%	35.7%	44.6%
	<b>TOTAL COVID RELATED CONSULTATION VISITS IN CONSTRUCTION</b>				<b>293</b>	<b>199</b>	<b>113</b>
	<b>Percent of all Construction Consults</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>36.0%</b>	<b>29.4%</b>	<b>34.0%</b>

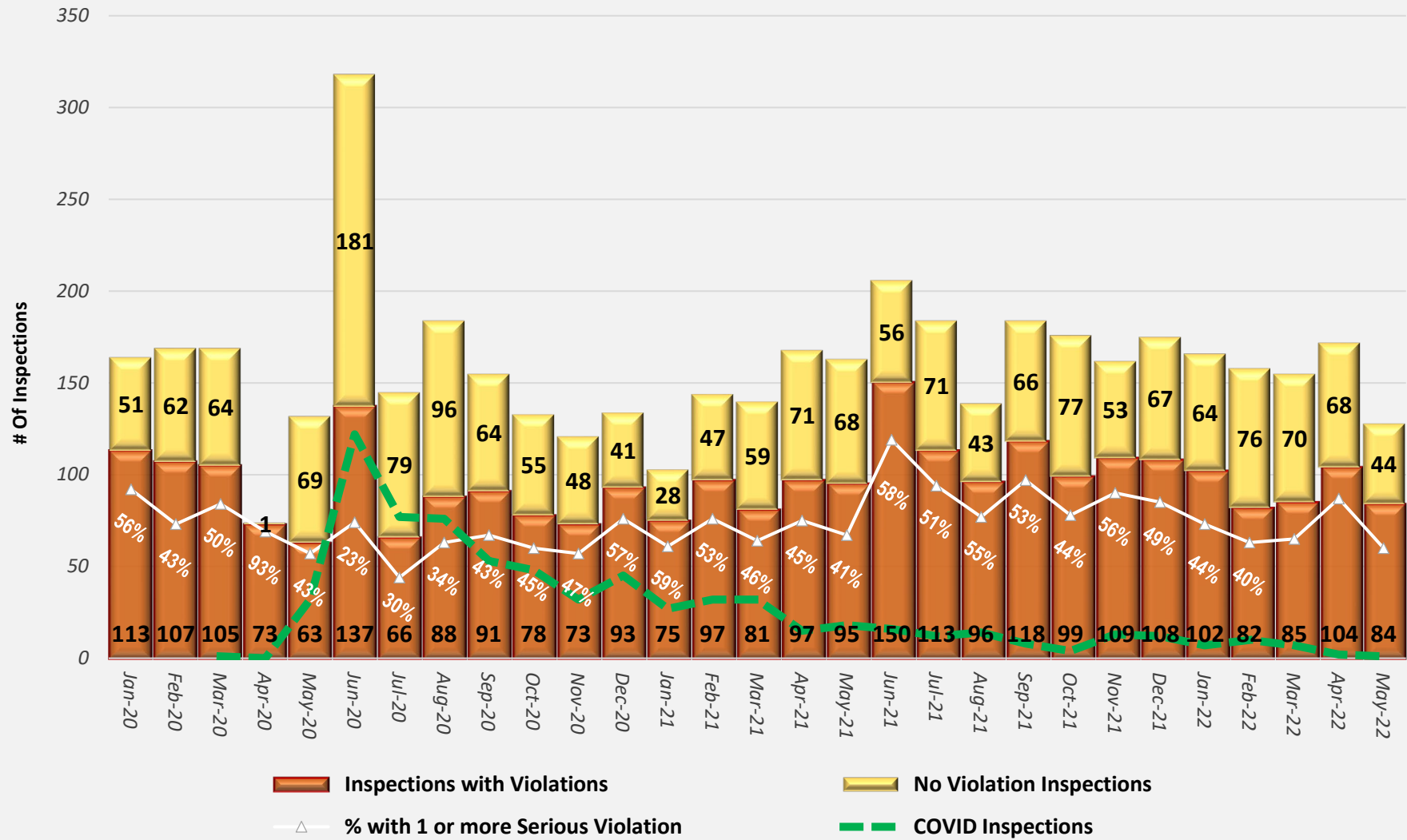
Totals include inspections/consultations with a issue date between 01/01/2017 & 05/31/2022.

<sup>1</sup> Referral inspection totals can include non-fatal Accident inspections.

<sup>2</sup> Totals may be lower or higher due to a COVID related inspection audit and corrections made.

\* Violations that are flagged with the "COVID-19" special tracking flag.

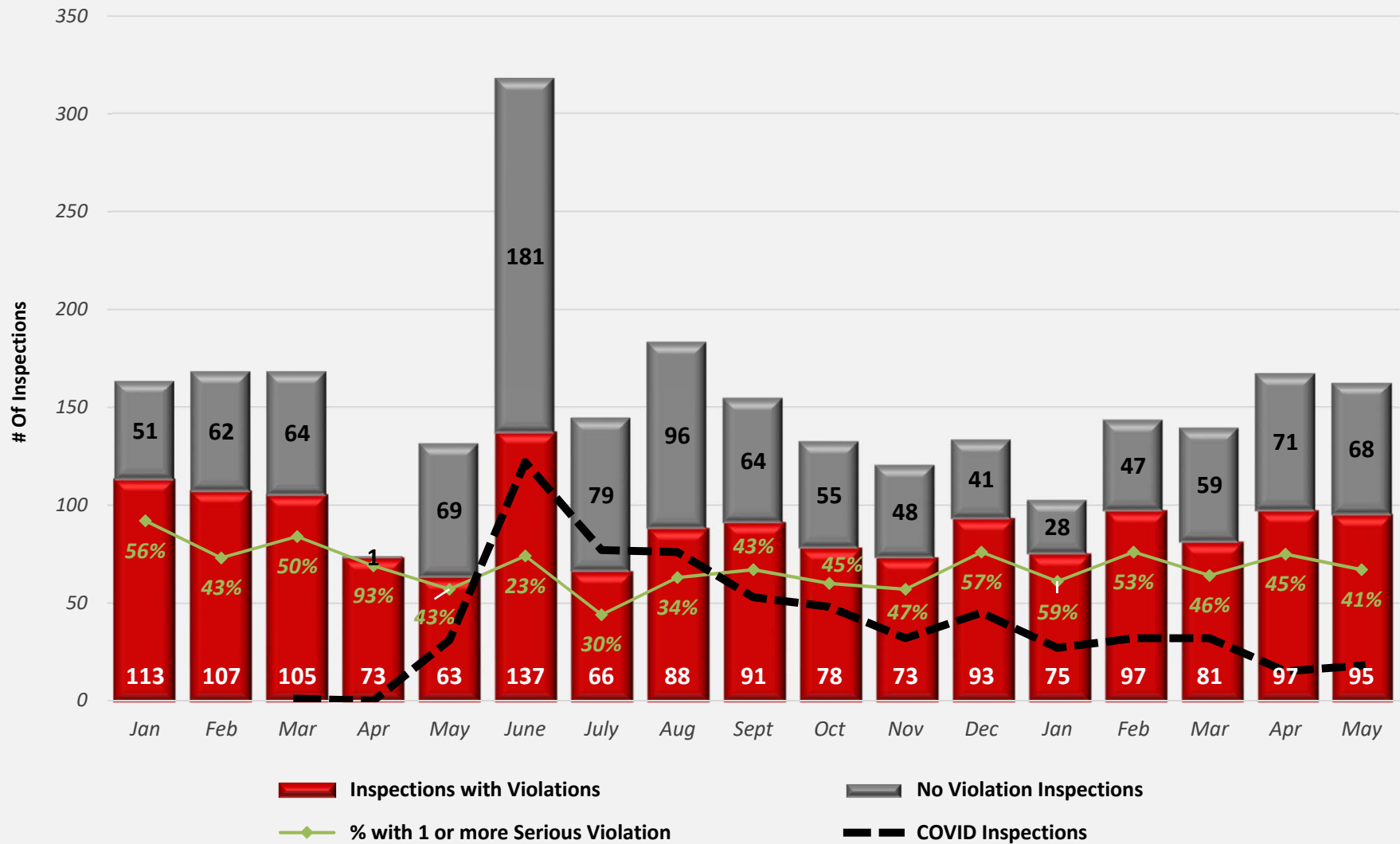
## Monthly Inspections in Construction CY 2020-2022



Serious violations include all Willful, Failure to Abate & Repeat violation types

\* To-date/partial data for the month

## Monthly Inspections in Construction CY 2020-2021



*Serious violations include all Willful, Failure to Abate & Repeat violation types*