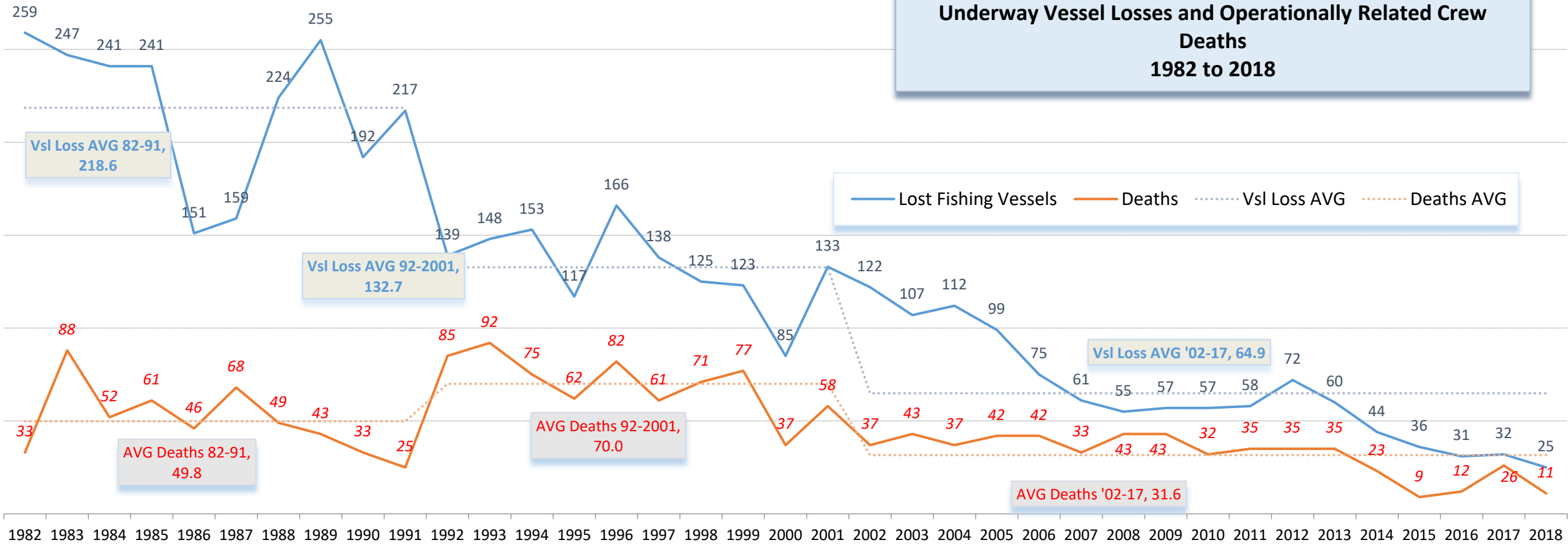


Commercial Fishing Vessel Statistics Underway Vessel Losses and Operationally Related Crew Deaths 1982 to 2018



The vessel losses and crew deaths for 1982-1987 were determined from Table 3-2, page 44 of Fishing Vessel Safety - Blueprint for a National Program. National Research Council, 1991.

The vessel losses for 1988-1991 and the number of crewmen lost were determined from a query of the CASMAIN data table VCAS using SQL Query language on 1/16/2014.

The vessel losses for 1992-2010 were determined from Figure 4, page 8, and fatalities from Table 4, page 17, of Analysis of Fishing Vessel Casualties: A review of Lost Fishing Vessels and Crew Fatalities, by David H. Dickey, December 2011.

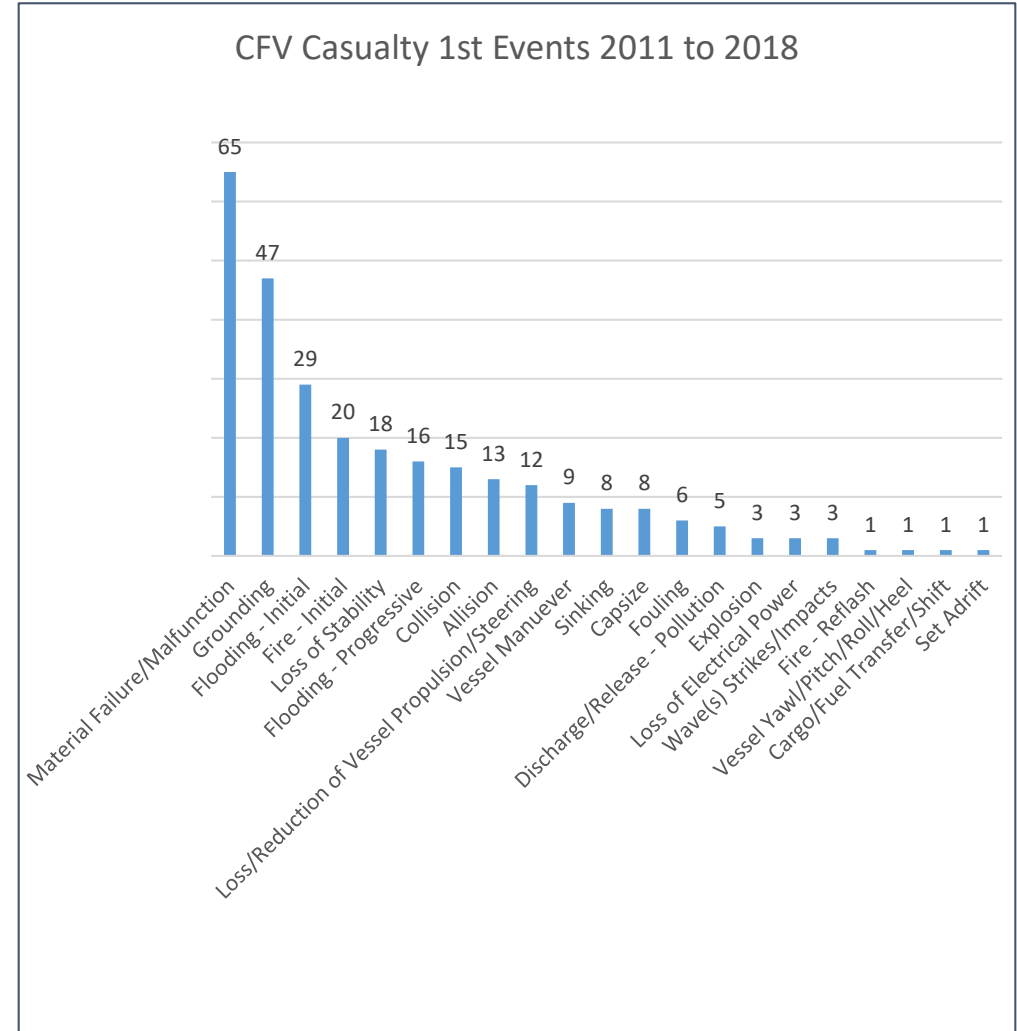
The vessel losses for 2011-2014 were determined using MISLE data from CGBI 5.0 Vessel Events cube extracted on 1/20/2016, [Actual Total Loss & Total Constructive Loss, Salvaged or Unsalvaged].

The crew fatalities relating to vessel casualties for 2011-2014 were determined using MISLE data from CGBI 5.0 Personnel Casualties cube extracted on 1/20/2016. The 2015 figures were from an extraction on 6/22/2017. The 2016 and 2017 figures were updated from an extraction on 7/16/2018; 2018 deaths are from a 2/21/2019 extraction.

Excluded from these statistics are deaths from medical conditions, those that are self-inflicted or due to misconduct, as well as from fish processing activities not involved in vessel operation; as well as vessel losses from non-operational activities, such as while moored or docked in port.

2011 to 2018 CFV Casualty Events

Sequence Analysis	1st Event Operational
CFV Casualty 1st Events 2011 to 2018	
Event Type	Total
Material Failure/Malfunction	65
Grounding	47
Flooding - Initial	29
Fire - Initial	20
Loss of Stability	18
Flooding - Progressive	16
Collision	15
Allision	13
Loss/Reduction of Vessel Propulsion/Steering	12
Vessel Manuever	9
Sinking	8
Capsize	8
Fouling	6
Discharge/Release - Pollution	5
Explosion	3
Loss of Electrical Power	3
Wave(s) Strikes/Impacts	3
Fire - Reflash	1
Vessel Yawl/Pitch/Roll/Heel	1
Cargo/Fuel Transfer/Shift	1
Set Adrift	1
Grand Total	284

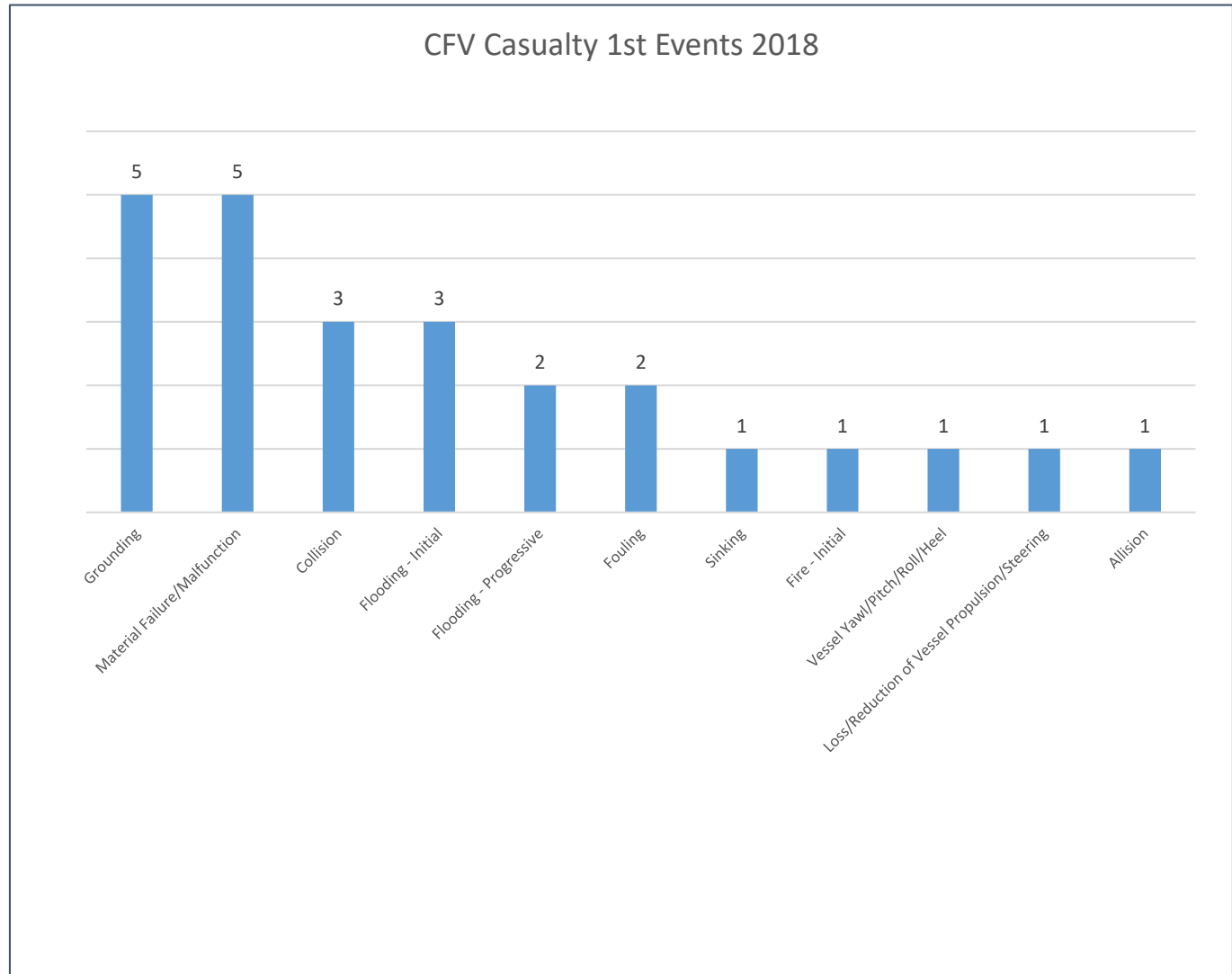


Sequence	1
Analysis	Operational
Calendar Year	2018
CFV Casualty 1st Events 2018	
Event Type	Total
Grounding	5
Material Failure/Malfunction	5
Collision	3
Flooding - Initial	3
Flooding - Progressive	2
Fouling	2
Sinking	1
Fire - Initial	1
Vessel Yawl/Pitch/Roll/Heel	1
Loss/Reduction of Vessel Propulsion/Steering	1
Allision	1
Grand Total	25

CFV Operational Casualty Stats - CY 2018			
District	Vessel Losses	Operational Fatality	Operational Injury
CGD ONE	5	2	5
CGD FIVE	1		5
CGD SEVEN	5	1	1
CGD EIGHT	3	1	8
CGD NINE			
CGD ELEVEN	3	1	2
CGD THIRTEEN	2		2
CGD FOURTEEN		1	3
CGD SEVENTEEN	6	5	44
2018 Totals	25	11	70

Based on an extraction from the CGBI Personnel Casualties cube on 2/21/2019. Operational casualties are those involving the fishing or navigation activities of the vessels. Excluded records (not operational) include fish processing and storage/unloading or transfer operations by persons in addition to the crew.

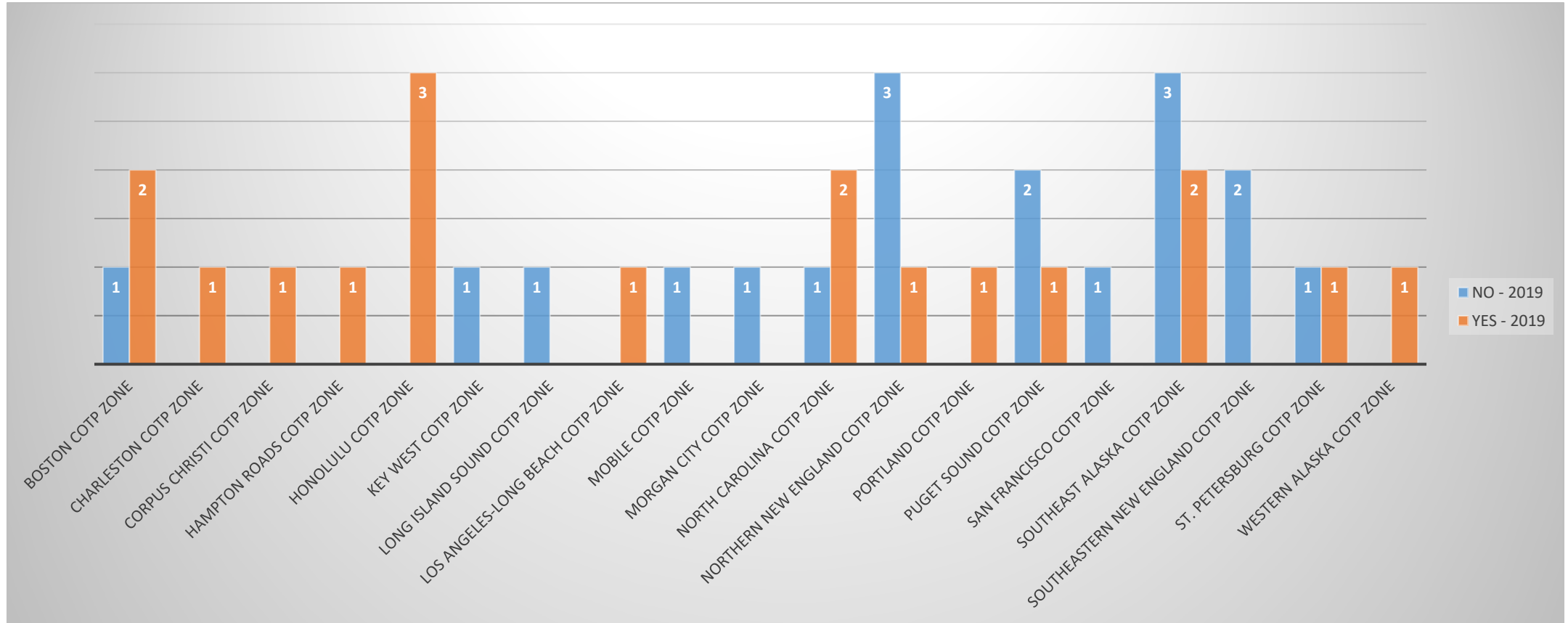
2018 CFV Casualty Events



FY19 CFV TERMINATIONS (8 Apr 2019)

50% of CFVs terminated for unsafe voyages did not have valid CFVS Decals

Blue indicates no decal at time of boarding, Orange indicates valid decal at time of boarding



Top Three Reasons:

- Fire Extinguishers
- Survival Craft
- EPIRB