

Incident Investigation

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LOOP LLC



LOOP Overview



- LOOP has 212 direct employees
- Only crude oil Deepwater Port in the U.S.
- Bi-directional 48" pipeline used to load and offload vessels
- Storage capacity exceeds 70 M barrels
- Currently services ~18% of U.S refining capacity and ~40%-50% of lower MS River refining demand
- Began Implementation of API RP 1173 (SMS) in 2016

Incident Investigation Tool



Incident Tracker

[Return to LOOP Portal](#)

Incidents

Incidents

[Participants Portal](#)

[All Incidents](#)

[Incident Folders](#)

Create Incidents

[Incident Tracker](#)

Document Items

[User Manual](#)

[Training Materials](#)

Quick Forms

[Job Aid](#)

[Incident Types Explained](#)

[Icons Cheat Sheet](#)

[Safety Management System Element](#)

[Process Map](#)

Reports

[Standard Site Reports](#)



OK

Cancel

| Spelling...

Title *

Unit/Department *

Which unit/department is affected by the incident?

Specific Location

Explain, more specifically, where this incident took place

Occurrence Date/Time *

Date and time that the incident occurred

Reported Date/Time *

Date and time that the incident was reported

Investigation Program Description

- Initiation
- Information Collection
- Analysis
- Approvals
- Close Out

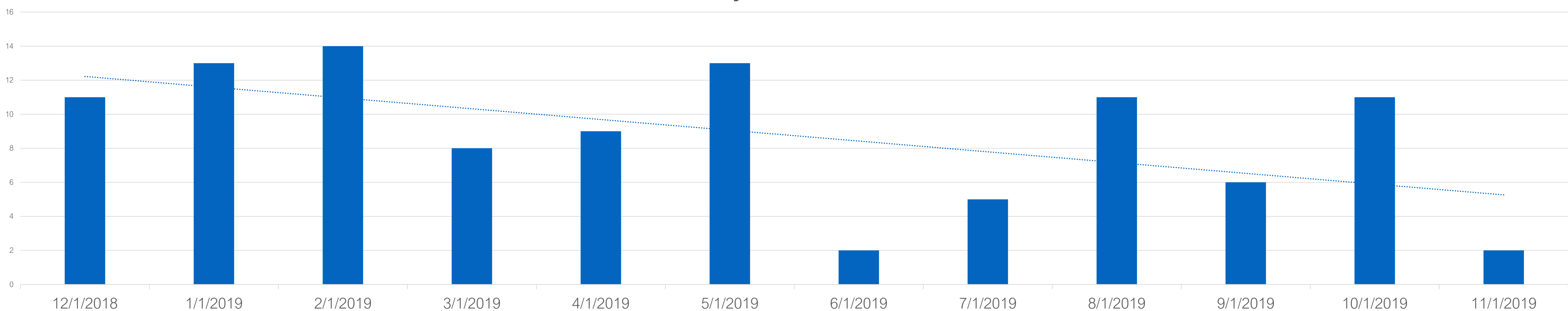


Multi-Step Investigation Process

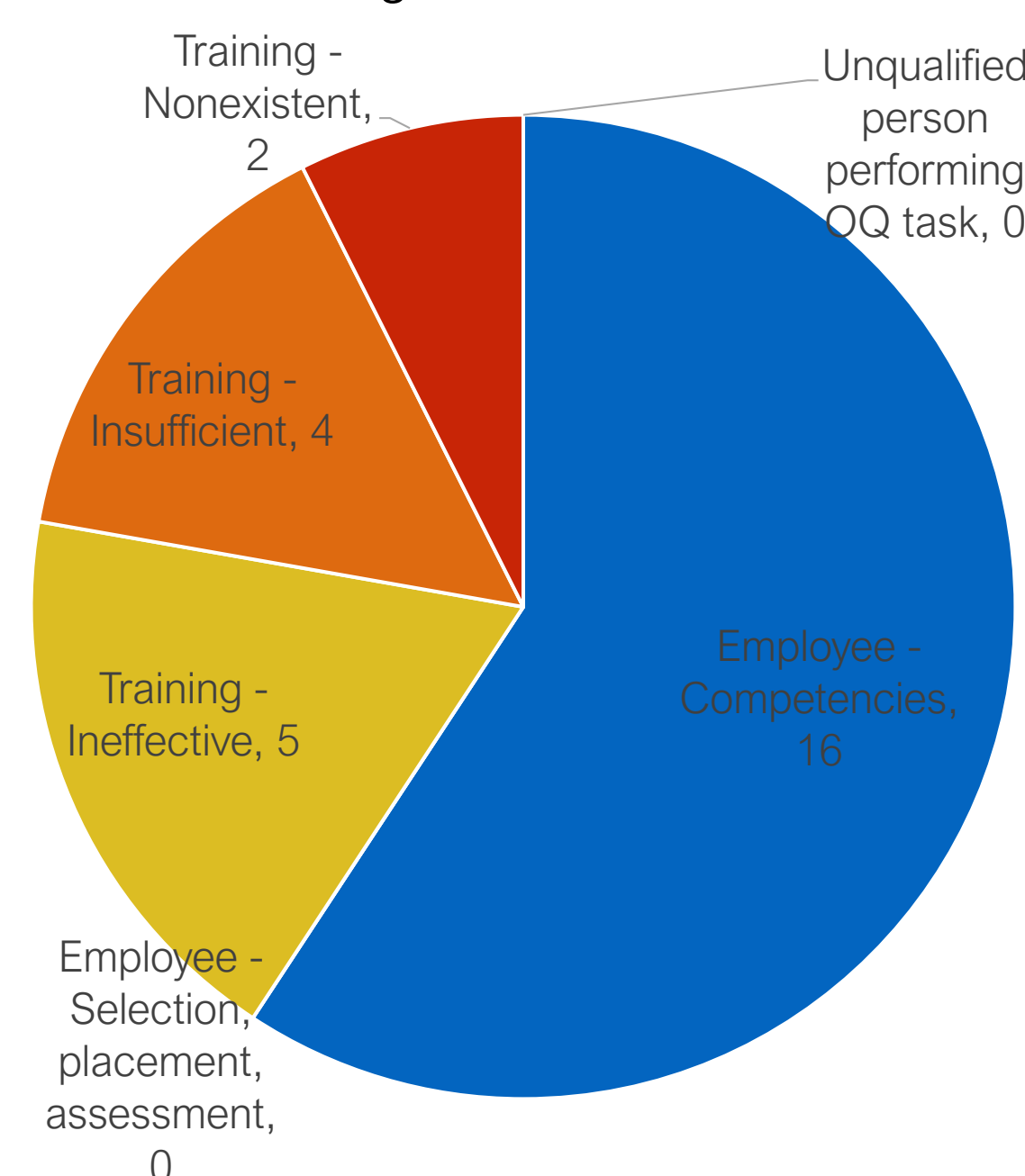


ID	Status	Info	* Action Title	State:	Action Type	Tools	Reference Links	Role
36595	<input checked="" type="checkbox"/>		Notification: An incident has just been reported	... Initiation	Notify First			Initial Notifications Group
36596	<input checked="" type="checkbox"/>		Save all documentation you currently have on this incident	... Initiation	Perform			INITIATOR
36598	<input checked="" type="checkbox"/>		Identify witnesses, other involved persons, and others with information (for future interviews), if applicable	... Initiation	Perform			INITIATOR
36597	<input checked="" type="checkbox"/>		Document official title and complete Incident form details	... Initiation	Perform Last			Incident Coordinator
36741	<input checked="" type="checkbox"/>		Set clock values	... Information Collection	State Start System Function			Incident Coordinator
36593	<input checked="" type="checkbox"/>		Complete Incident Severity Matrix.	... Information Collection	Screen First			Incident Coordinator
36594	<input checked="" type="checkbox"/>		Select the responsible manager or executive for this incident investigation	... Information Collection	Checklist First			Incident Coordinator
36740	<input checked="" type="checkbox"/>		Capture Operational Item data..	... Information Collection	Perform First			Incident Coordinator
36742	<input checked="" type="checkbox"/>		Identify affected assets	... Information Collection	Perform First			Incident Coordinator
36738	<input checked="" type="checkbox"/>		An investigation has begun on a Level 0 or 1 incident	... Information Collection	Notify			Management Notification Group
36739	<input checked="" type="checkbox"/>		An investigation has begun on a Level 0 or 1 incident	... Information Collection	Notify			Executive Notification Group
36736	<input checked="" type="checkbox"/>		Assign investigator	... Information Collection	Perform Last			Responsible Manager
36737	<input type="checkbox"/>		Select this tool if you wish to create a Lessons Learned for this Low Severity Incident	... Analysis	Perform			INVESTIGATOR
36845	<input checked="" type="checkbox"/>		Identify Lesson(s) Learned	... Analysis	Perform			INVESTIGATOR
36847	<input checked="" type="checkbox"/>		Create SMS Conclusion	... Analysis	Review			Responsible Manager
36846	<input checked="" type="checkbox"/>		Select Roll Out group	... Approvals	Checklist			Responsible Manager
36973	<input checked="" type="checkbox"/>		Notification: Lessons Learned have been created for a Level 0 or 1 incident.	... Approvals	Notify Last			Management Notification Group
36971	<input checked="" type="checkbox"/>		Rollout Incident and Lessons Learned to your department or crew employees	... Close-out	Perform First			Clovelly Maint Supervisor
36972	<input checked="" type="checkbox"/>		Rollout Incident and Lessons Learned to your department or crew employees	... Close-out	Perform First			LOCAP Supervisor
36970	<input checked="" type="checkbox"/>		Review Lessons Learned Feedback	... Close-out	Perform Last			Responsible Manager

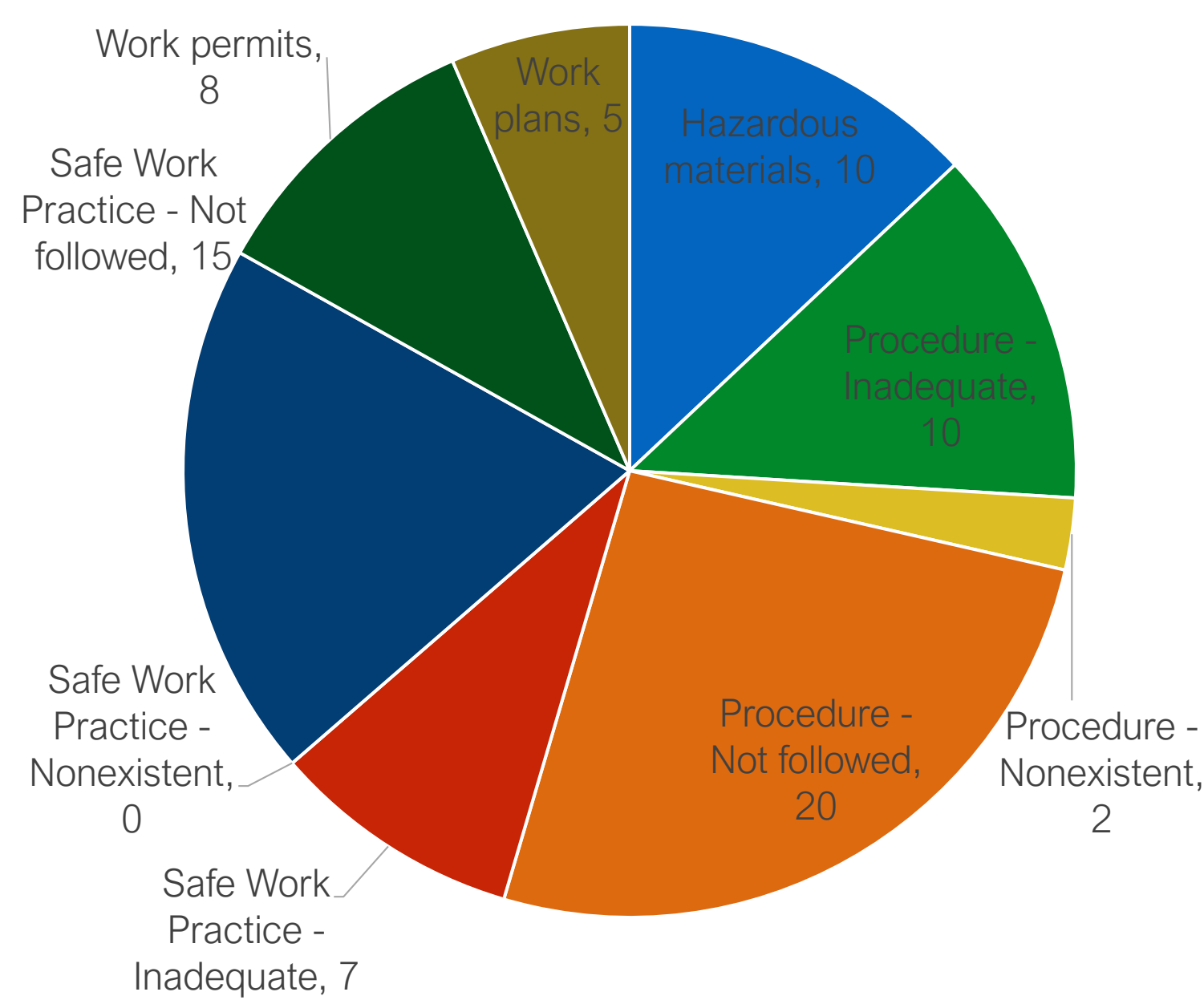
SMS Connectivity Items - Last 12 Months



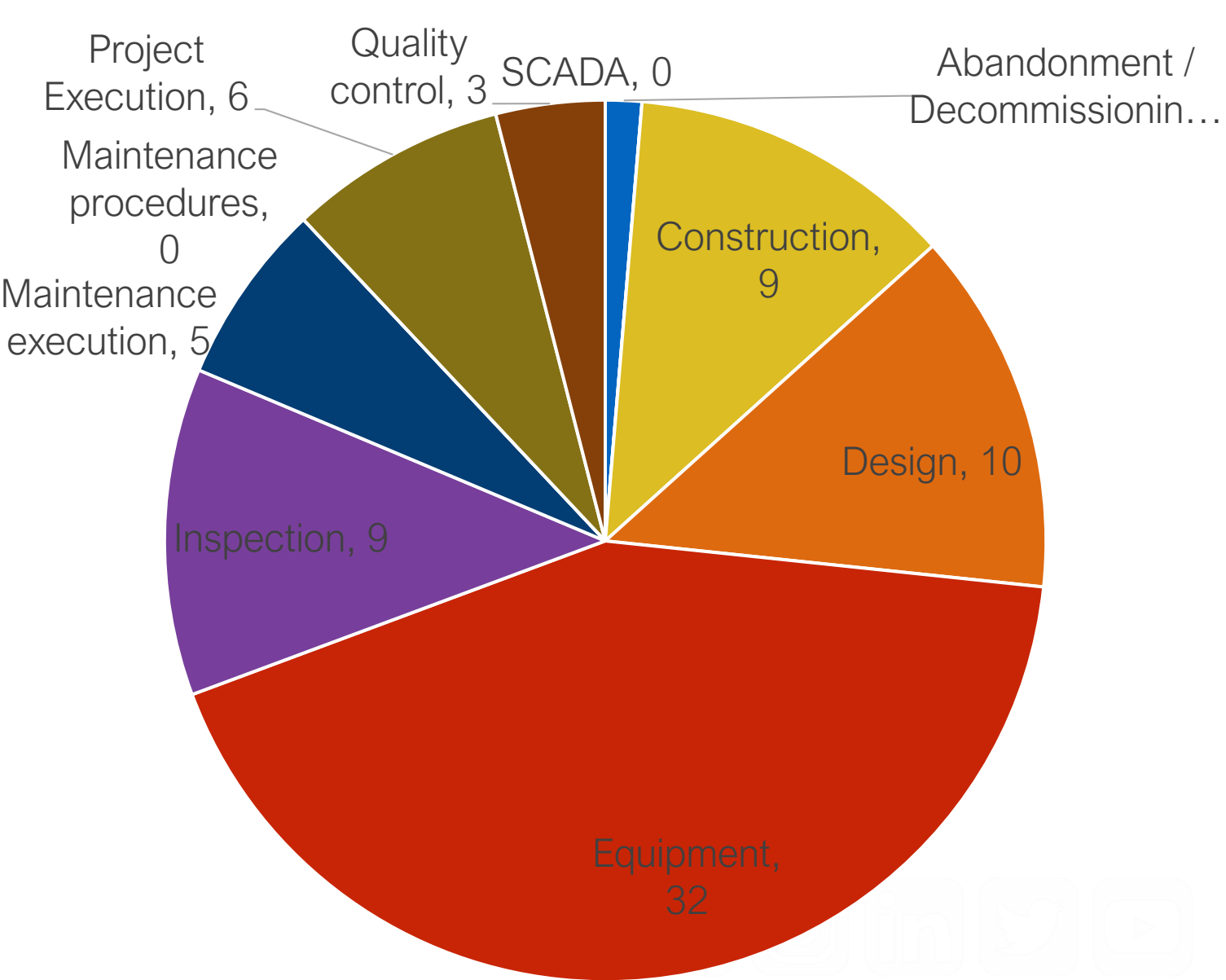
SMS - Competence, Awareness and Training - Last 12 Months



SMS - Operating Procedures - Last 12 Months

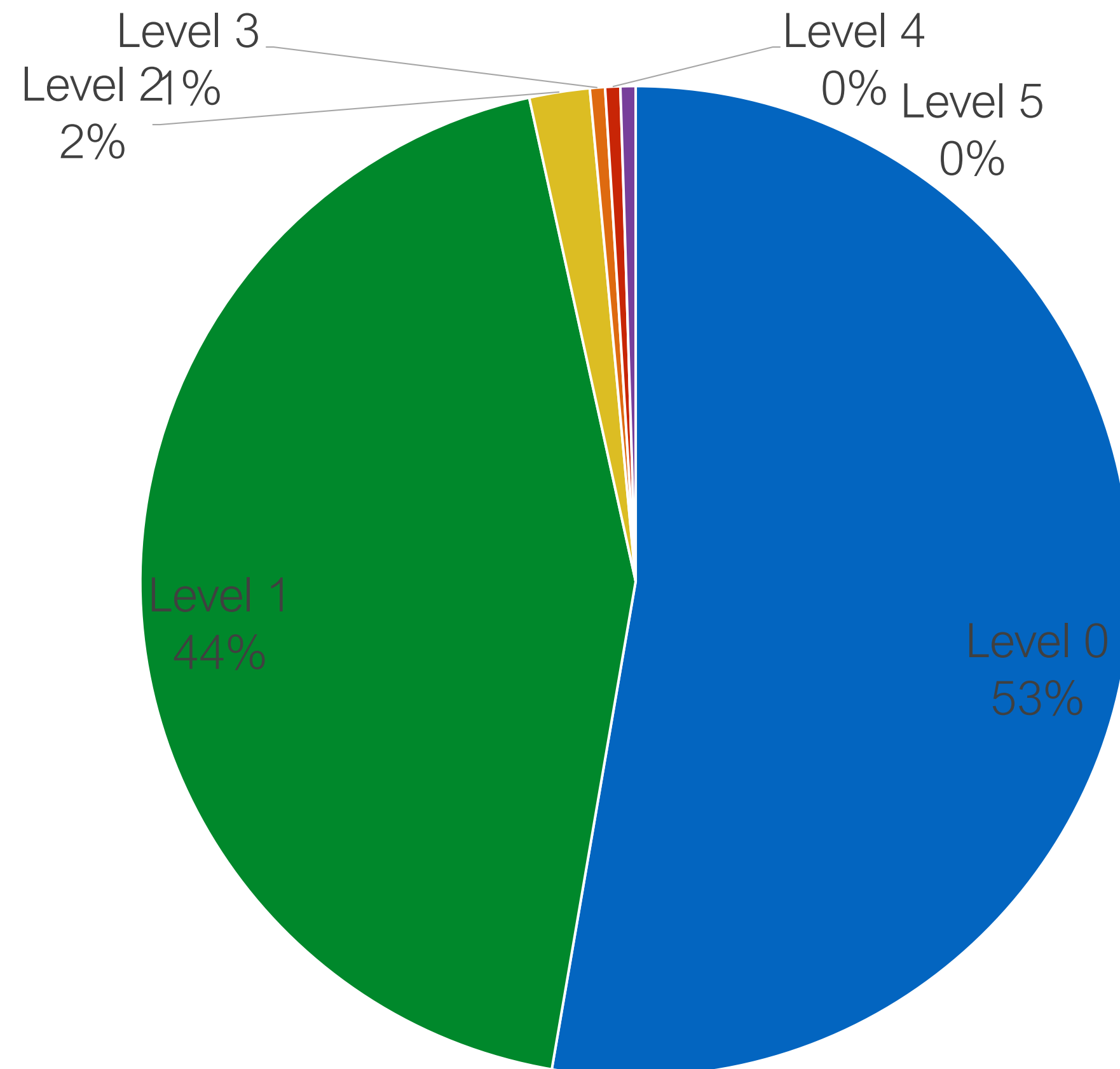


SMS - System Integrity - Last 12 Months



Lessons Learned and Sharing

Incidents by Severity - Last 12 months



Creating Lessons Learned

- Lessons Learned can be created for any severity level
- Quality over Quantity
- Include SMEs when creating
- Roll out to the organization

Potential SIF Process and Sharing

- SIF = Serious Injury or Fatality
- Incident and Near Miss quarterly review
- Potential SIF and Lessons Learned are reviewed with priority
- One page Potential SIF memo drafted and communicated through organization



American Public
Gas Association





THANK YOU!

Visit us at: pipelinesms.org

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