

Jersey Coastguard and VTS Annual Report 2019



Overview

During 2019 Jersey Coastguard co-ordinated 170 Search and Rescue (SAR) incidents. This was a 12% reduction in incidents in comparison to 2018 (191). In addition, Search and Rescue (SAR) assets were launched 107 times, a 20% reduction on 2018 (128 launches). The effective co-ordination of SAR incidents is reliant on dedicated professionals and volunteers working together as a SAR community. We are extremely fortunate to have such a wide range of SAR assets to call upon when required and we would like to thank all of those, including local mariners, that have assisted in the successful conclusions to local incidents over the past 12 months.

Preventative sea safety work has continued to be a priority as we develop strategies to improve our outreach. Jersey Coastguard officers have developed our sea safety education programme, visiting schools and preparing new and innovative ways of getting key safety messages across. In total 4 526 primary and secondary school children received beach safety and 999 call presentations in 2019. The Jersey Strategic Water Safety Forum, a quorum of key stakeholders involved in water safety, has continued to develop a local water safety strategy. The aim of the forum is to "reduce Water and Coastal Fatalities by 50% by 2026 and reduce the risk across the highest risk populations, groups and communities". Stakeholders are committed to working together as a community to ensure the most effective means of communicating water safety messages.

Jersey Coastguard has continued to look for other opportunities to engage with the public by way of 'pop-up' sea safety stands at key locations. The main idea being to capture footfall of boatowners and offer the opportunity to talk about various options regarding safety equipment and training or just to have a good old chat! This has also been run alongside the 'advice on-board' scheme; a chance to have an informal chat about safety equipment and take a look through an owner's safety kit and basic safety devices for their particular craft. This has been successful and, in several cases, has led to some owners replacing key items as they have been found to be un-serviceable, potentially saving them from finding out when they need them most!

St Helier VTS assisted 3400 commercial shipping movements with the safe, timely and efficient passage through the Vessel Traffic Service (VTS). A VTS Annual Service Provision Survey was introduced during 2019. The results of this survey are extremely positive, and the department have reached their KPI of achieving "more than 90% positive feedback on stakeholder engagement regarding efficient traffic". The additional comments and feedback received through the survey process will be used to improve the service that St Helier VTS provides during 2020. It is our intention to widen this VTS service provision survey to a wider range of users this year.

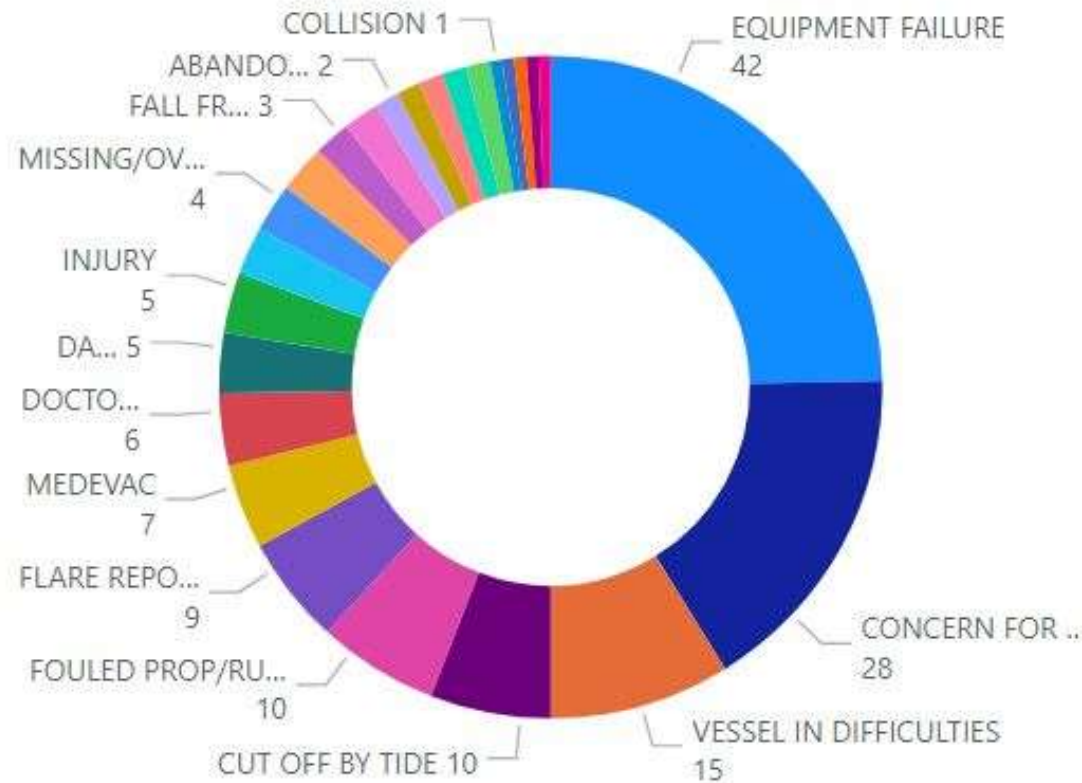


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Search and Rescue Incidents - Type

Period: 01/01/2019 – 31/12/2019 Total recorded: 170 incidents



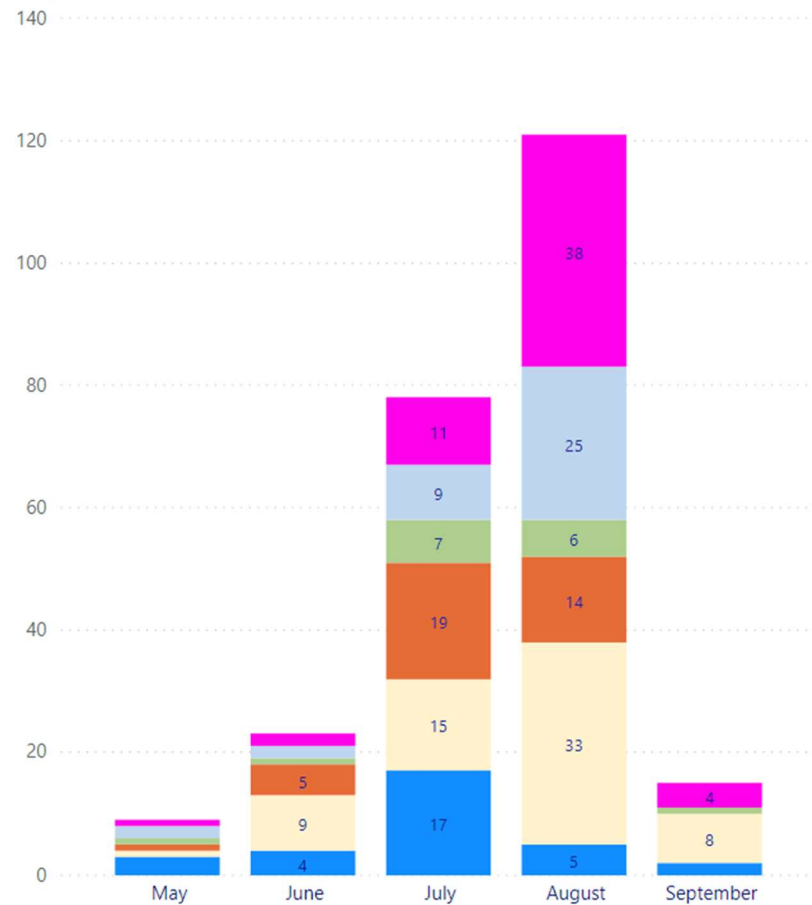
Most common incident types:

- **Equipment Failure/Mechanical Failure** – Many different types of equipment failure, mainly engine related issues but also electrical, fuel rigging and steering issues.
- **Concern for welfare** – where there is a specific concern for the safety or wellbeing of a person. Often these are concerns related to an individual's mental health.
- **Vessel in difficulties** – These are incidents involving vessels which have been affected by prevailing weather/sea conditions, vessels with navigational difficulties or other difficulties other than mechanical.
- **Cut off by tide** – Persons that become cut off by the incoming tide, requiring rescue or assistance.

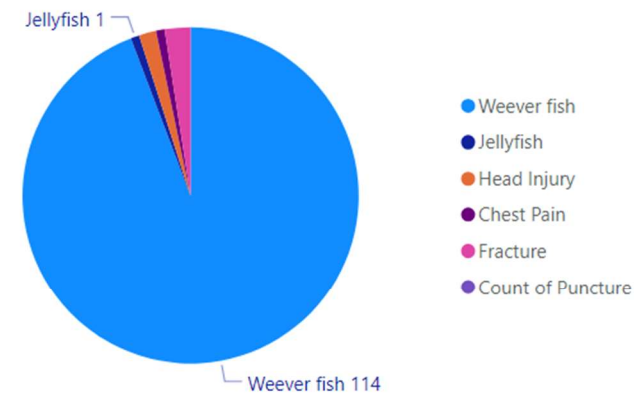
RNLI Beach Lifeguard Incidents – Location, Seasonal Variation and Medical Incident types

BEACH LIFEGUARD INCIDENTS

● Splash ● St Brelades ● Ouens Base ● Le Braye ● Greve ● Plemont

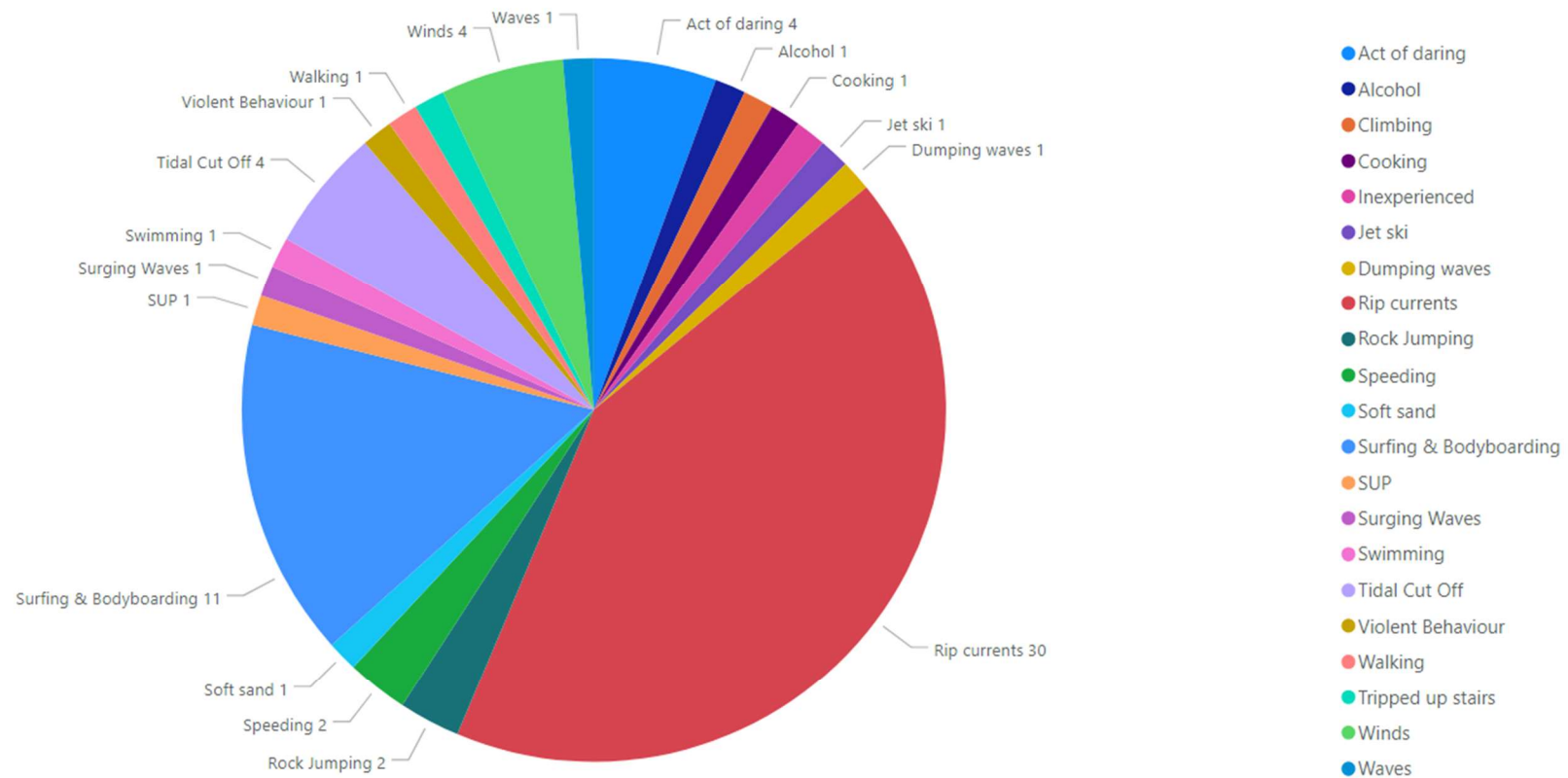


MEDICAL BREAKDOWN



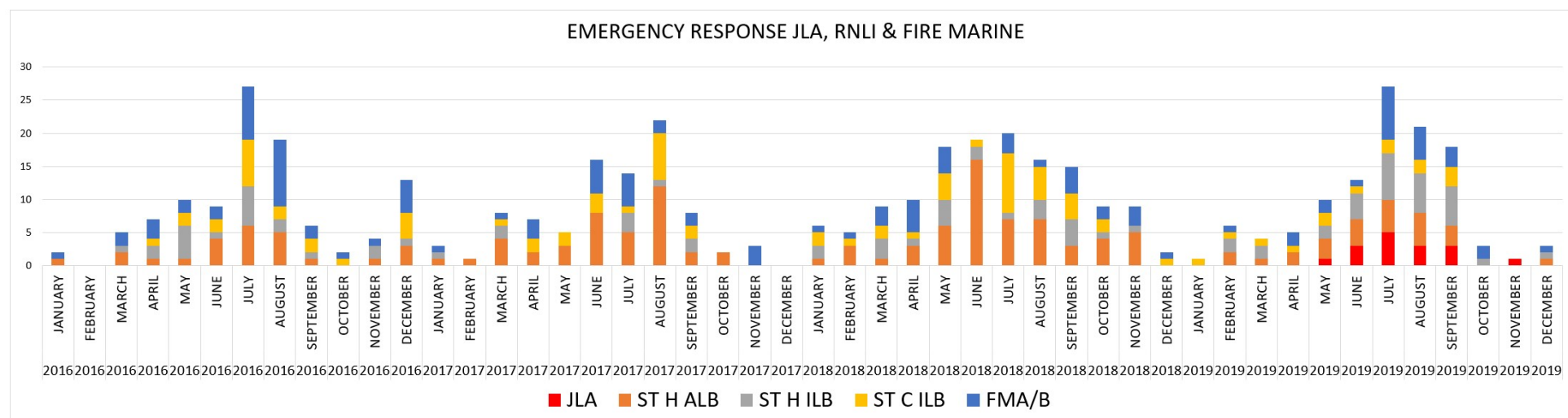
RNLI Beach Lifeguard Incidents - Causes

CAUSES OF INCIDENT



Search and Rescue Incidents – Assets tasked

Assets tasked includes occasions where SAR assets are requested to launch via a page or call out procedure. These figures include when SAR assets are stood down before launch due to a material change in the circumstances of the incident.



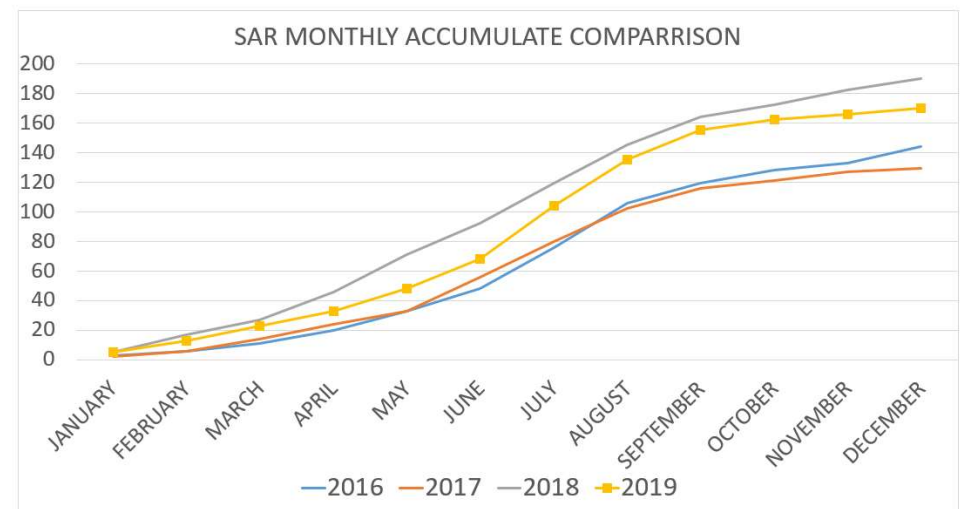
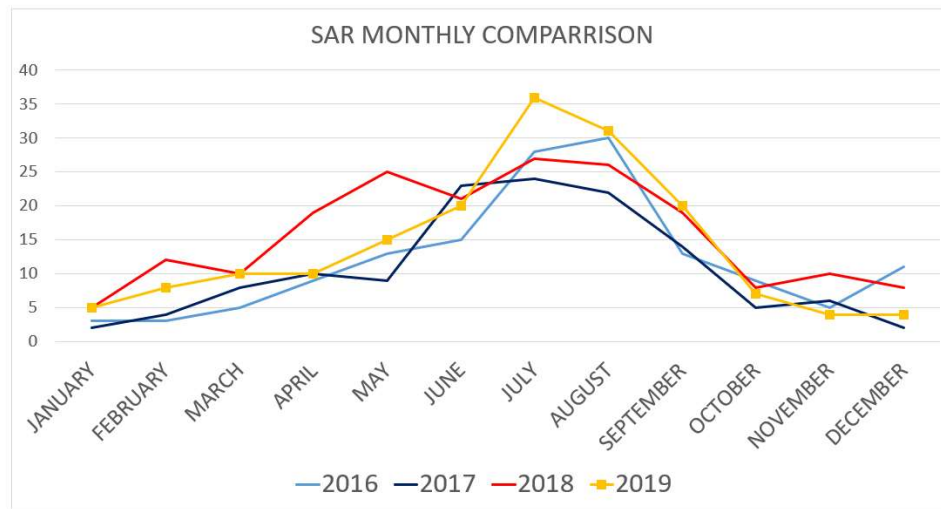
	JLA*	STH ALB	STH ILB	STC ILB	FM A/B	HELO	MEDEVAC	CIA S	POLICE	FIRE	CLIFF	AMB	CG1 OS	ATC	PORTSVESSEL	OTHERVESSEL
2019 YTD	15	27	32	14	24	8	4	1	16	0	2	23	24	12	19	28
2018 YTD	N/A	46	22	32	28	16	14	6	9	9	0	21	40	0	14	44

*Jersey Lifeboat Association (JLA) declared as a Search and Rescue facility to Jersey Coastguard on 12th April 2019

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Search and Rescue Incidents – Frequency and Comparison Year on Year

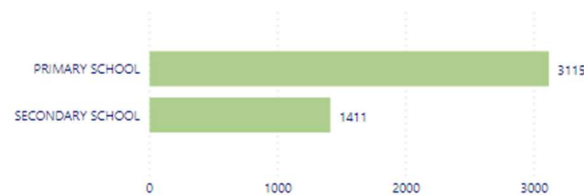


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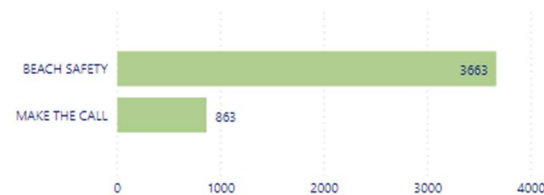


Prevention – School and Maritime Operations Centre visits

SCHOOL TYPE

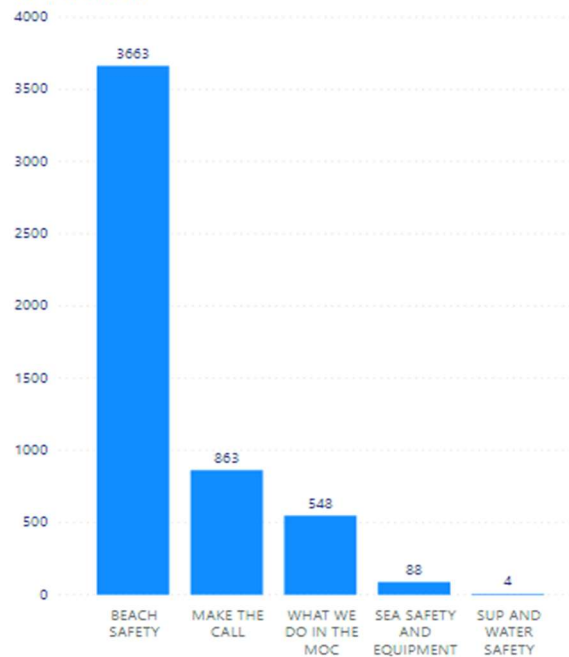


CAMPAIGN

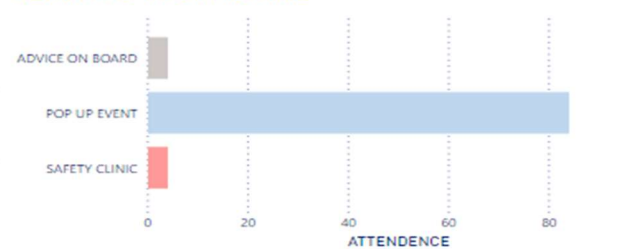


Water/Beach safety advice given by a Coastguard Watch officer to local schools. Totals are the number of pupils present (estimated) during the presentations.

CAMPAIGN

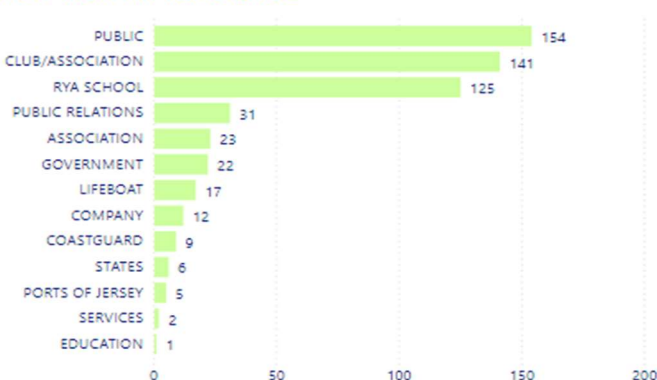


CLINICS & 1TO1 ADVICE



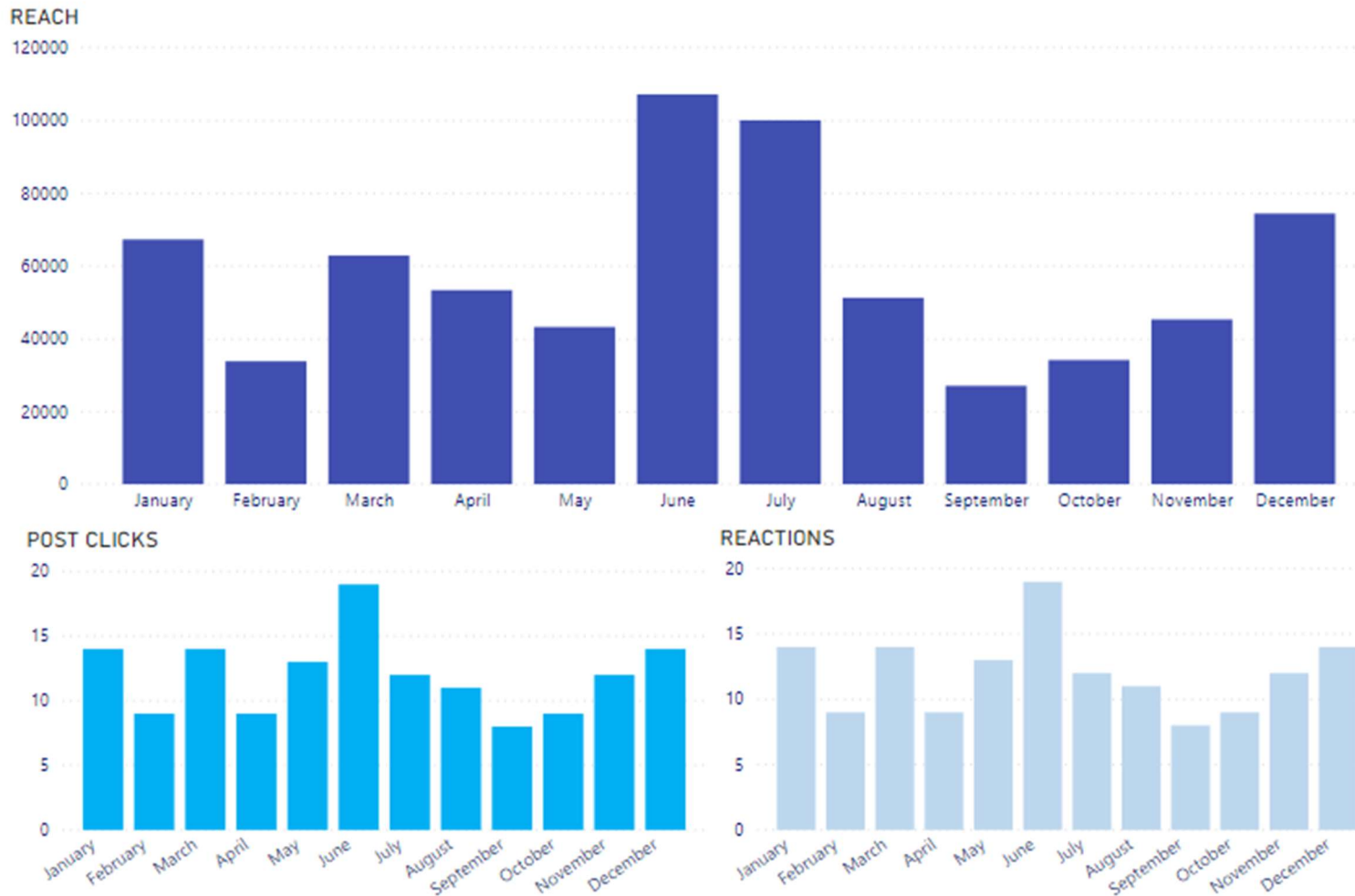
Summary of number of persons requesting “Advice on board” service on their vessel, pop up safety events held at local marinas/outlying harbours and safety/lifejacket clinics.

MOC VISIT ATTENDANCE



Number of persons who visited the Maritime Operations Centre (MOC)

Prevention – Social Media Campaigns



Summary of total reach, post clicks and reaction for social media campaigns on the Jersey Coastguard Facebook page.

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Traffic Reports

Period: 01/01/2019 – 31/12/2019

TR- PLEASURE

3,645

TR - COMMERCIAL

4,121

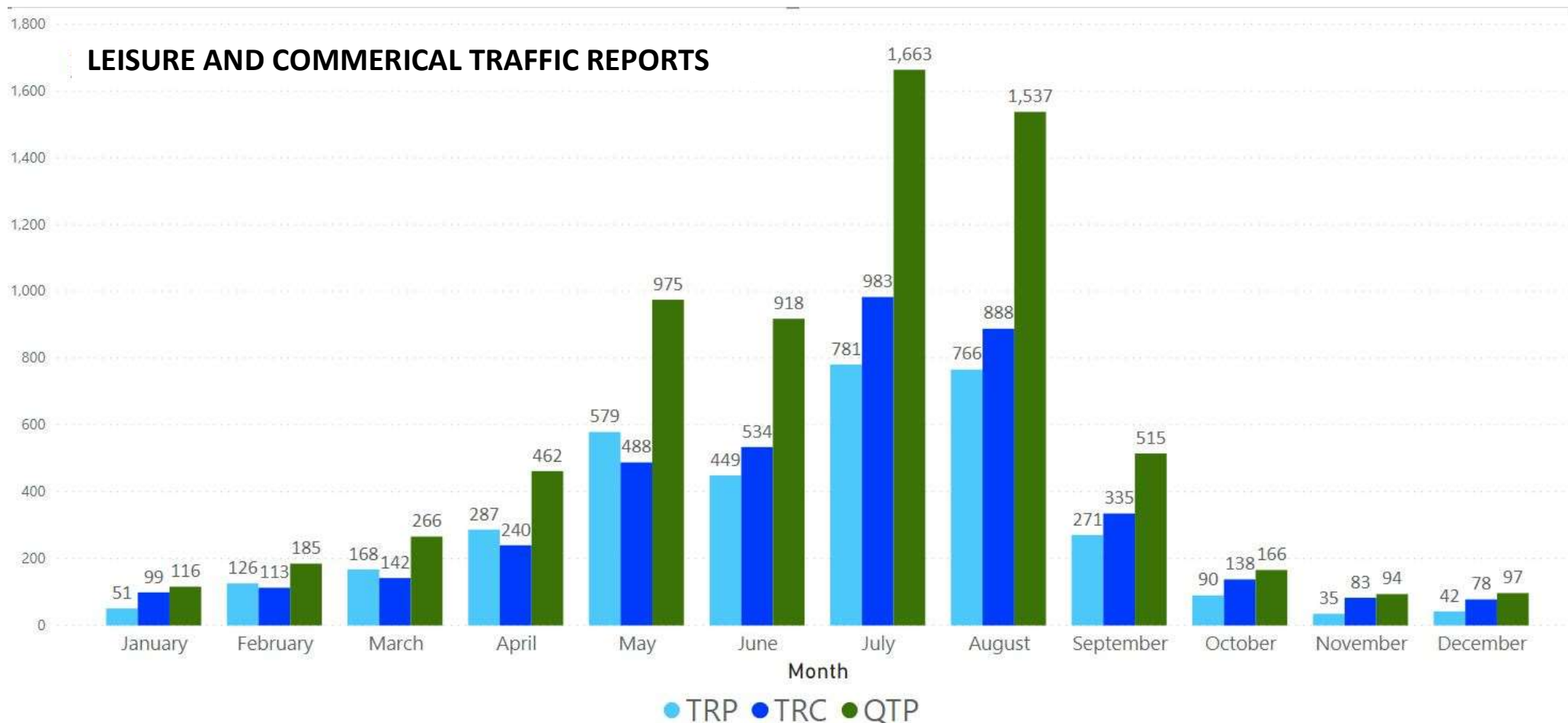
CLOSED REPORT

6,994

COMBINED TOTALS

14,760

LEISURE AND COMMERCIAL TRAFFIC REPORTS



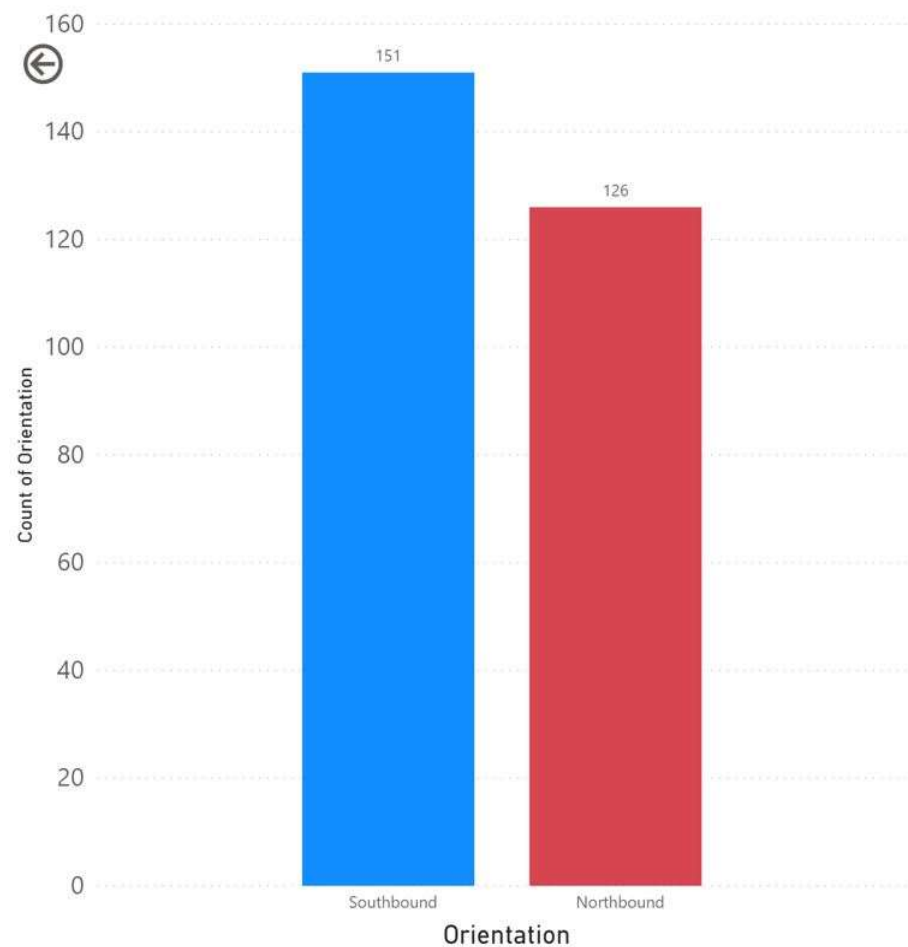
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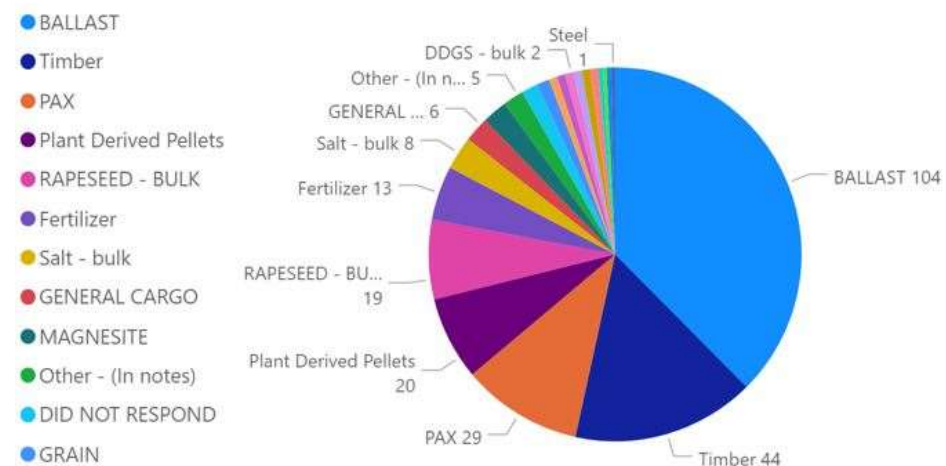
Vessel Interrogations within Jersey Territorial Waters

Period: 01/01/2019 – 31/12/2019 **Total:** 276 vessels

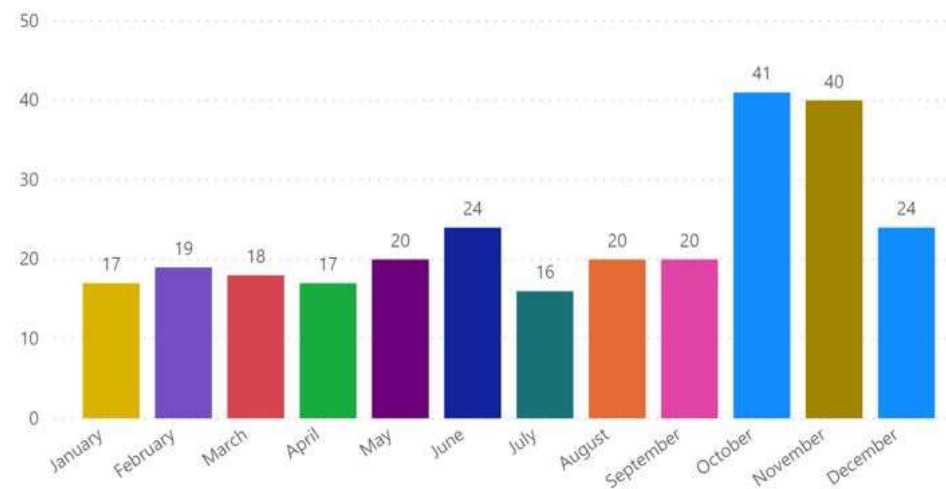
ORIENTATION



CARGO TYPE



NUMBER OF INTERROGATIONS BY MONTH






St Helier VTS – Service Provision Survey 2019

Period: 01/01/2019 – 31/12/2019 **KPI:** More than 90% positive feedback on stakeholder engagement regarding efficient traffic.

Responses: 12.

Survey was sent via email to companies with active Pilotage Exemption Certificate holders, ships agents and vessels >25m (participating vessels) that have navigated within the St Helier VTS area.

Negative response 0% -33% 
Neutral response 33% - 66% 
Positive response 66% - 100% 

Question	Result
1. "St Helier VTS provides relevant traffic information regarding the movements of Participating Vessels (>25m) within the VTS, Precautionary and Harbour Areas that influence the onboard Navigational Decision-Making Process"	77%
2. "St Helier VTS provides relevant traffic information regarding the movements of Non-Participating Vessels (<25m) within the VTS, Precautionary and Harbour Areas that influence the onboard Navigational Decision-Making Process"	86%
3. "St Helier VTS provides essential information in a timely manner to aid the onboard Navigational Decision-Making Process"	87%
4. "St Helier VTS provides Navigational/Metrological information in a Clear, Unambiguous Manner to aid the onboard Navigational Decision-Making Process"	88%

5. "Signal quality of VHF communications from St Helier VTS are received Loud and Clear throughout the VTS areas"	92%
6. "VTS Watch Officers' radio communications are delivered in a Structured Manner, using SMCP Messages Markers."	91%
7. "VTS Watch Officers' radio communications are delivered with a Constant Tone and at a Constant Volume and are Easily Understood"	89%
8. "St Helier VTS has an appropriate Restricted Visibility Procedure in relation to the Topography, Navigational Hazards, and features of the VTS Areas and Harbour Structures"	88%
9. "St Helier VTS appraises us with the relevant information required in a Standard, Unambiguous Format, to aid the on-board Navigational Decision-Making Process at the Common Reporting Points"	88%
10. "On entering, or giving notice of entering the VTS (TOS) area and when other participating vessels are due into/out of Port, St Helier VTS provides early notice of berthing/movement plans in a Clear and Consistent Manner"	86%

Total Positive Responses (66-100%) = 100%

There were a range of written responses in addition to the scored questions. These are currently being reviewed to determine where improvements to service provision can be made and will be summarised in a St Helier VTS Service Provision Results Report.

Based on IALA G1131 Setting and Measuring VTS Objectives, "Example of possible measurements" - More than 90% positive feedback on stakeholder engagement regarding efficient traffic management i.e. meetings, questionnaires, customer surveys etc (<https://www.iala-aism.org/product/g1131-setting-measuring-vts-objectives/>).