



GW Maritime
Medical Access

UNOLS RVOC – April 19, 2018

Services Introduction



GW

Maritime
Medical Access

GW Maritime Medical Access

- Founded in 1989
- Provides 24/7/365 Medical Advice to Vessels, Aircraft, & Remote Locations around the World.
- Board Certified, Practicing, Academic Emergency Medicine Physicians
- Clients include shipping, fishing, and research vessels, business aviation, cruise lines, pleasure craft, government teams & remote locations
- Medical, logistical & operational support



GW MMA Physician Leadership



Dr. Francis O'Connell

Medical Director

- 3 years with GW MMA
- Coast Guard Academy Graduate
- 10+ years of USCG service



Dr. Keith Boniface

Associate Medical Director

- 13 years with GW MMA
- Maritime Health expert
- National leader in emergency ultrasonography



Dr. Neal Sikka

Associate Medical Director

- 12 years with GW MMA
- National leader in telemedicine and m-health

GW MMA Staff



Alex Lee PA-C



Drew Maurano PA-C

GW MMA Clinical Coordinators

- Emergency & Remote Medicine Trained PA-Cs
- Case Management
- Newsletters & Medical Advisories
- Other Clinical & Administrative functions



Kai Neander NRAEMT

GW MMA Program Administrator

- Primary client liaisons for all Services
- Direct and oversee all operations
- Provide ancillary support services

Worldwide Emergency Communication Center

- Communication & Operations hub for all MMA services
- Staffed by EMTs & Paramedics
- Instant access to client information, medical records, & medical formularies
- Custom-built database of global medical facilities & capabilities
- Secure storage & management of medical & operational records



WECC Infrastructure & Technology

Communications

- Phone, e-mail, fax
- Secure telemedicine systems
- Secure video conferencing

Unified Medical Records Database

- Custom-built electronic health record

Comprehensive Operational System

- Custom-built operational database system

Telemedical Systems Compatibility

- System-agnostic Communication Center
- DigiGone & Tempus i2i

Integration with 52 Medical Specialties



UNOLS ANNUAL MEDICAL ADVISORY DATA



GW

**Maritime
Medical Access**

UNOLS 2017 Services Overview

(03/17-03/18)

47 Unique Cases

36 in 2016 (06/16-03/2017)

- 2 Diversions
- 1 Evacuation
- 12 UNOLS Vessels
- Average of 4 days per case
6 days per case in 2016

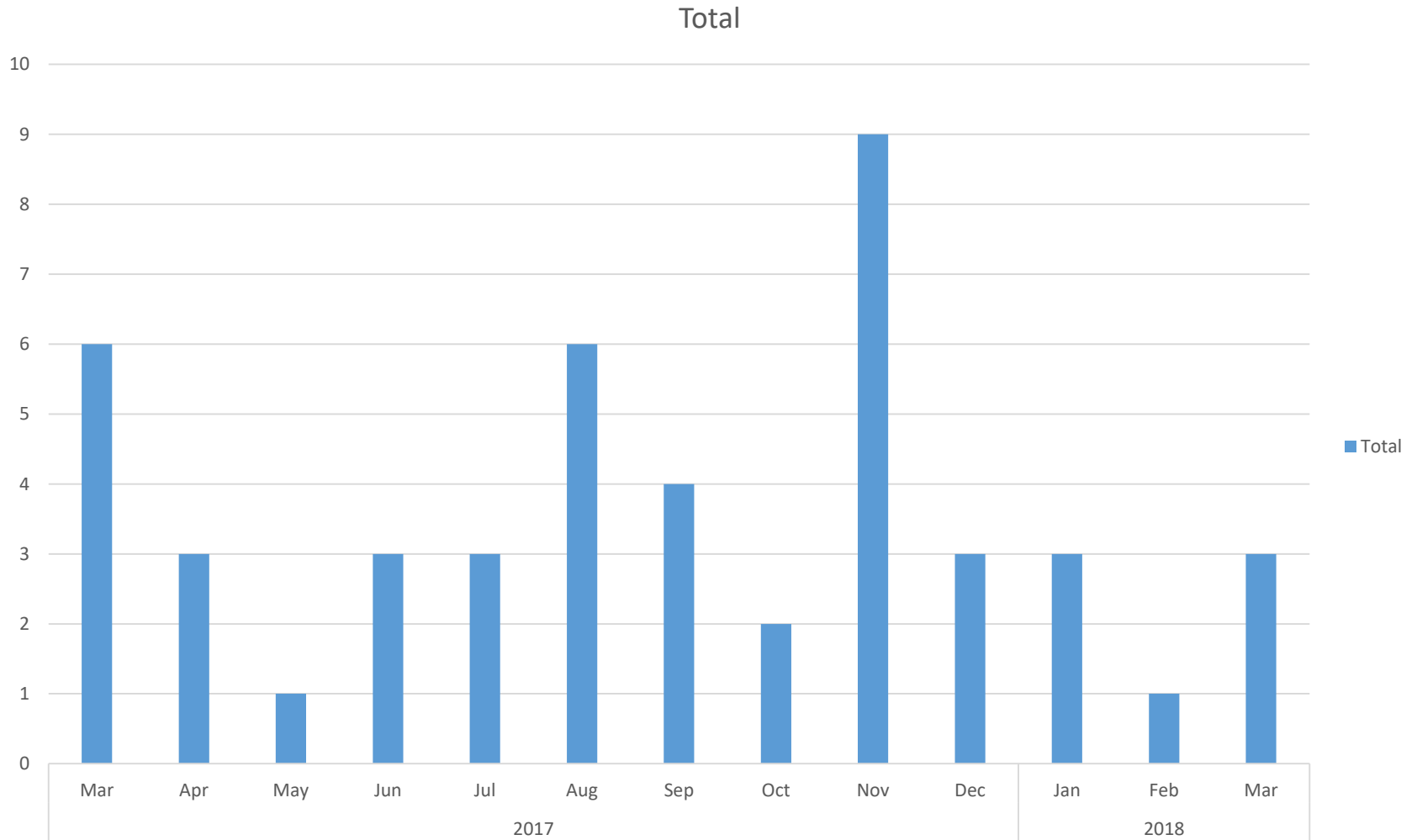
155 Encounters

152 in 2016

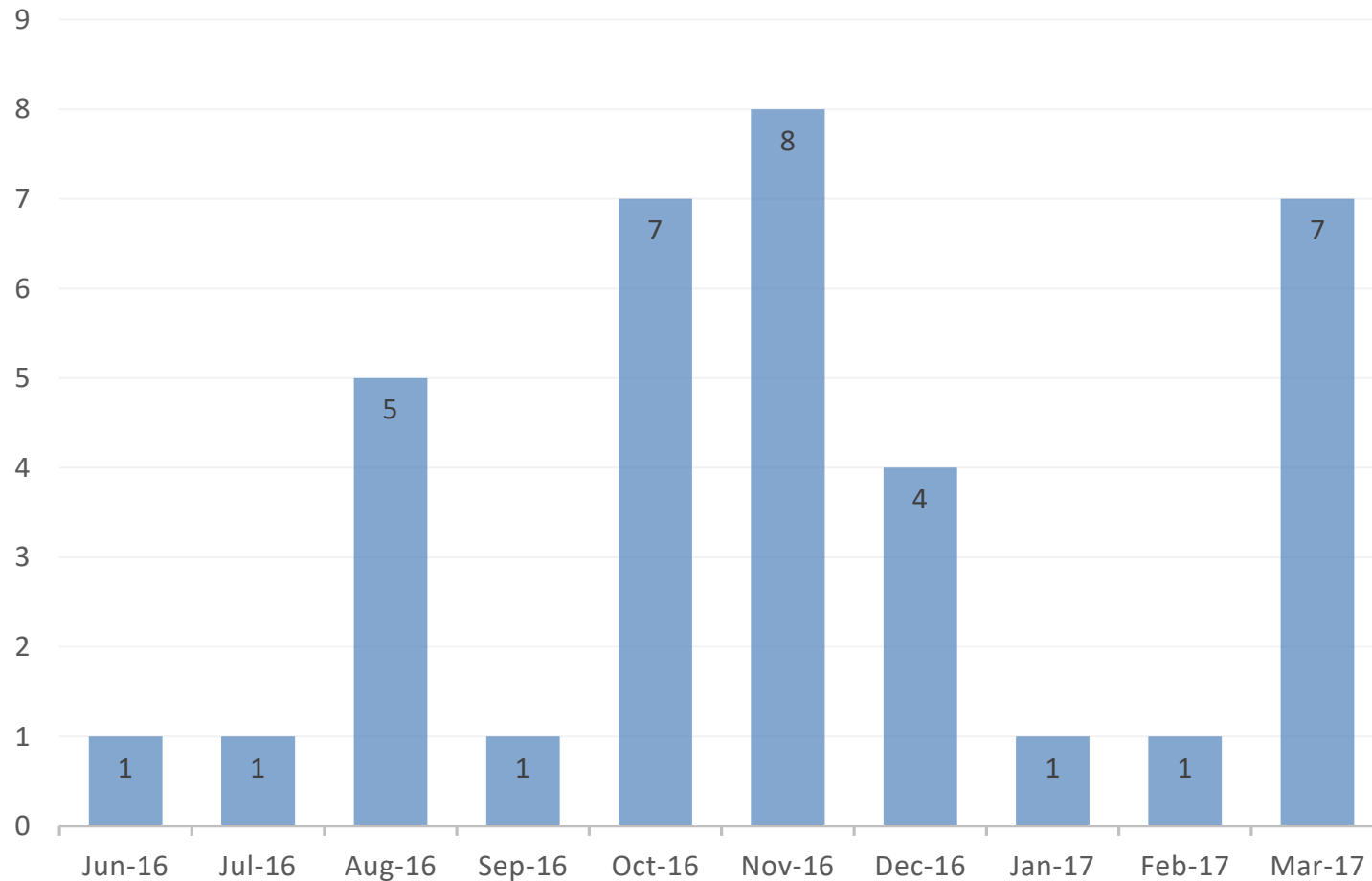
- 3.3 Encounters per Case
- Average of 9.2 Minutes Per Encounter



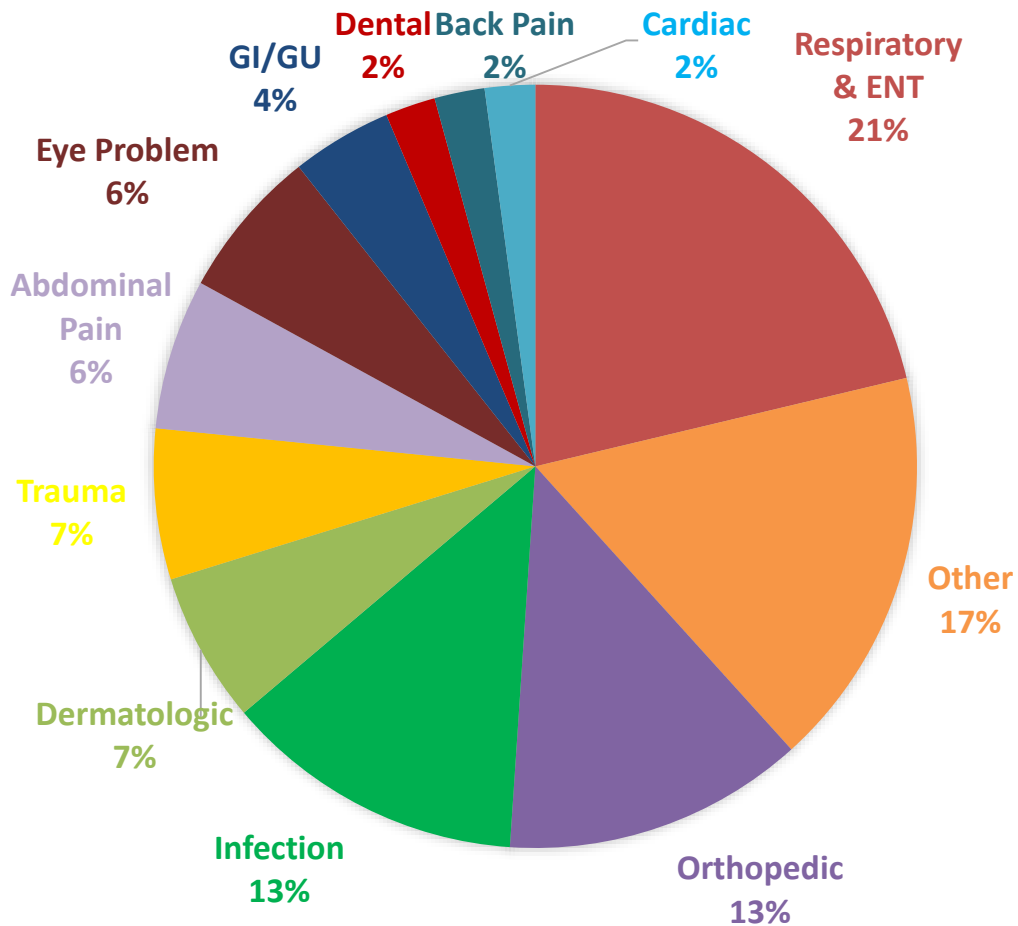
Cases By Month 2017



Cases By Month 2016

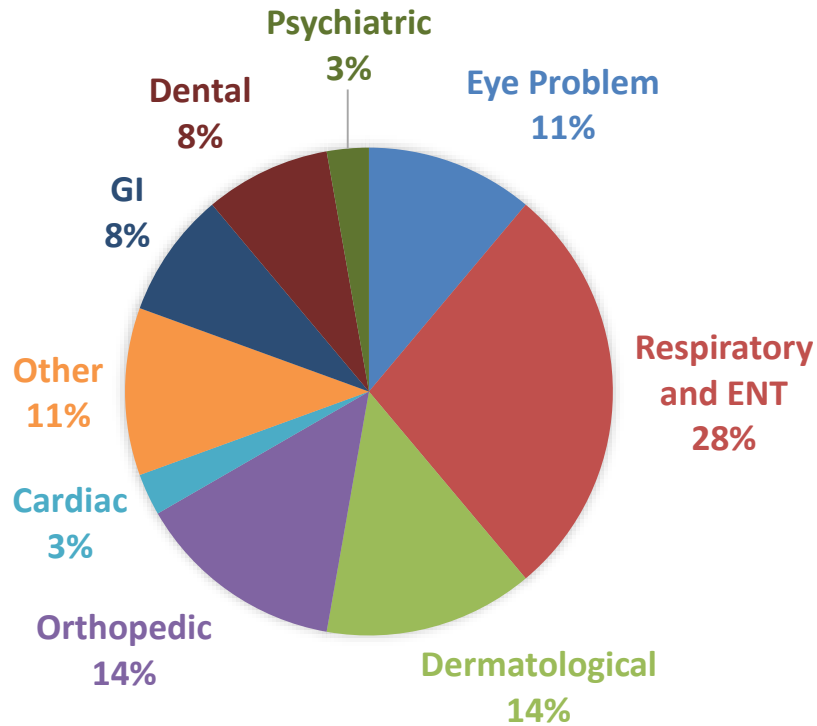


2017 Cases By Chief Complaint



Chief Complaint	Number of Cases
Abdominal Pain	3
Back Pain	1
Cardiac	1
Dental	1
Dermatologic	3
Eye Problem	3
GI/GU	2
Infection	6
Orthopedic	6
Other	8
Respiratory & ENT	10
Trauma	3
Grand Total	47

2016 Cases By Chief Complaint



Chief Complaint	Number of Cases
Respiratory	5
Infection-skin	4
Infection-throat	4
Orthopedic	4
GI	3
Infection-tooth	3
Infection-eye	2
Infection-other	2
Eye problem	2
Infectious contact	1
Atraumatic pain	1
Infection-ear	1
Back Pain	1
Psychiatric problem	1
Dermatological	1
Cardiac	1

Case Severities

Minor- treat and release, requires minimal follow up

- Upper respiratory infections, minor trauma

Intermediate-moderate acuity or complexity

- Non-resolving infections, shortness of breath
- Often results in NFFD

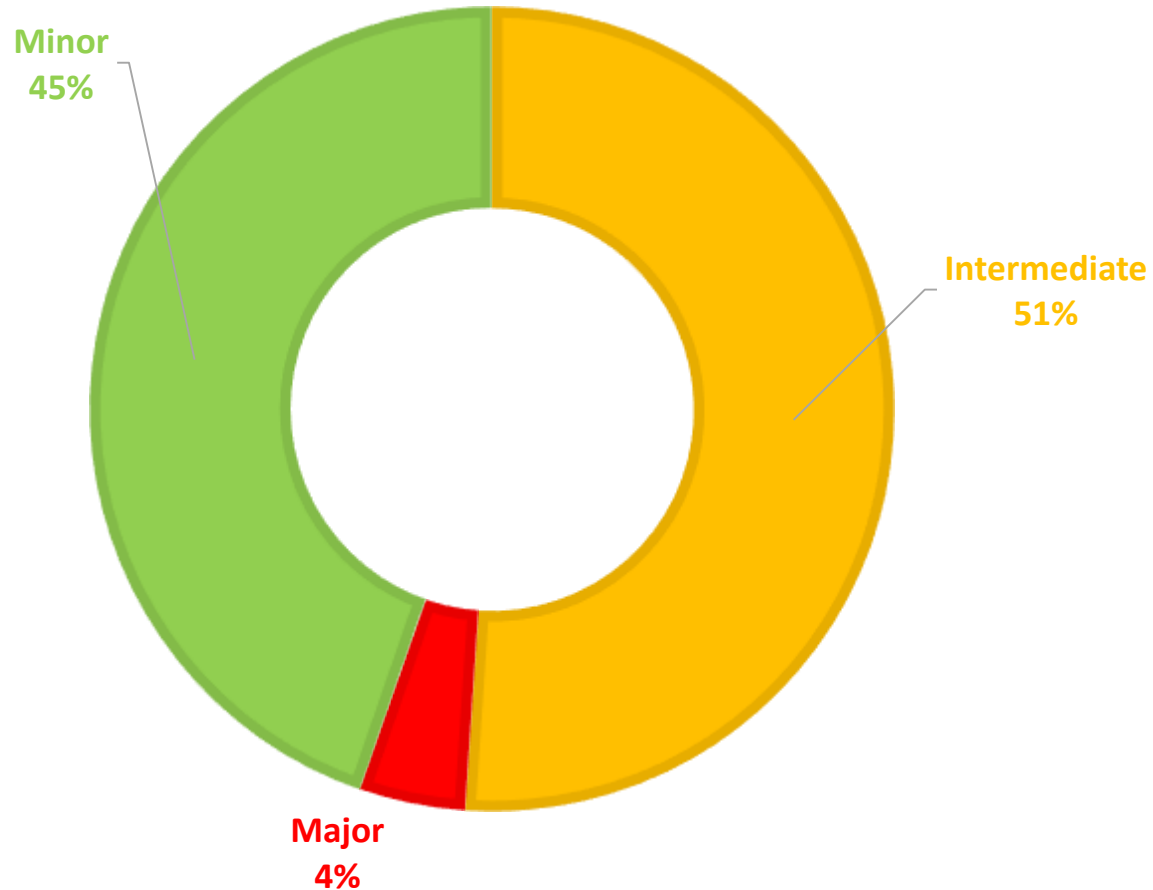
Major- high acuity patient

- Bone fractures, appendicitis, potential for life threatening emergency

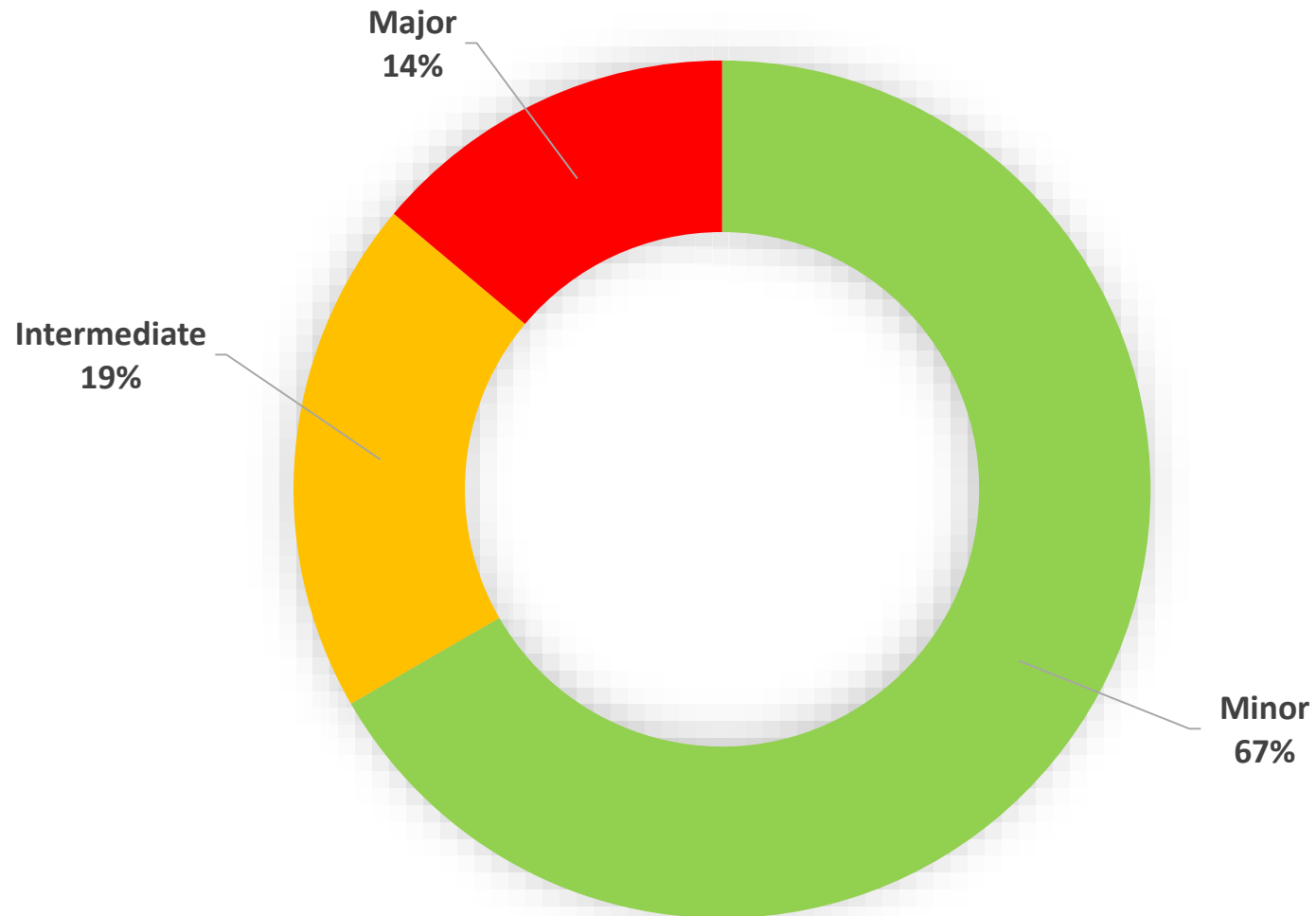
Critical- Immediate life threatening emergency

- Major hemorrhage, loss of consciousness, major cardiac problems
- No cases this year met this criteria

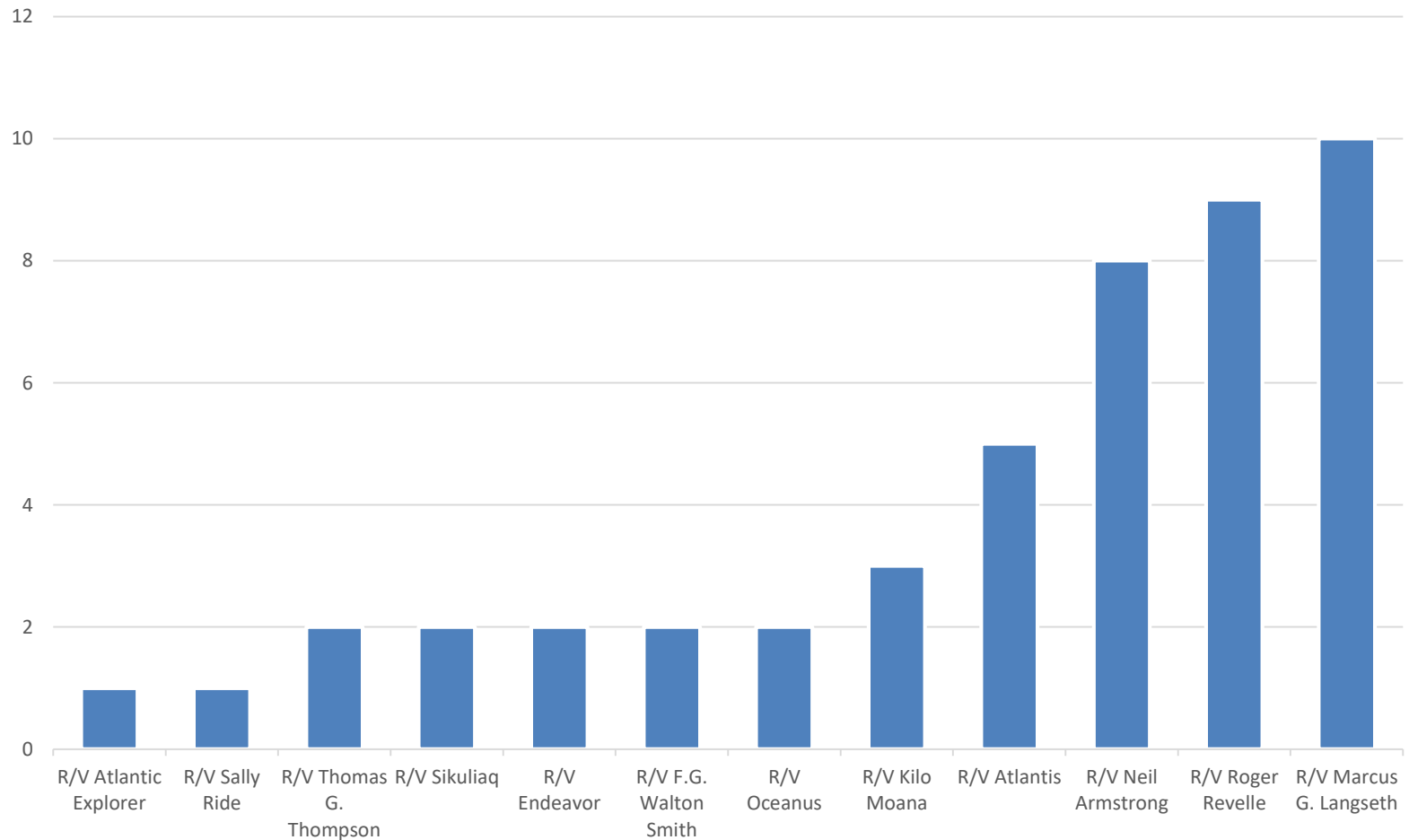
2017 Cases By Severity



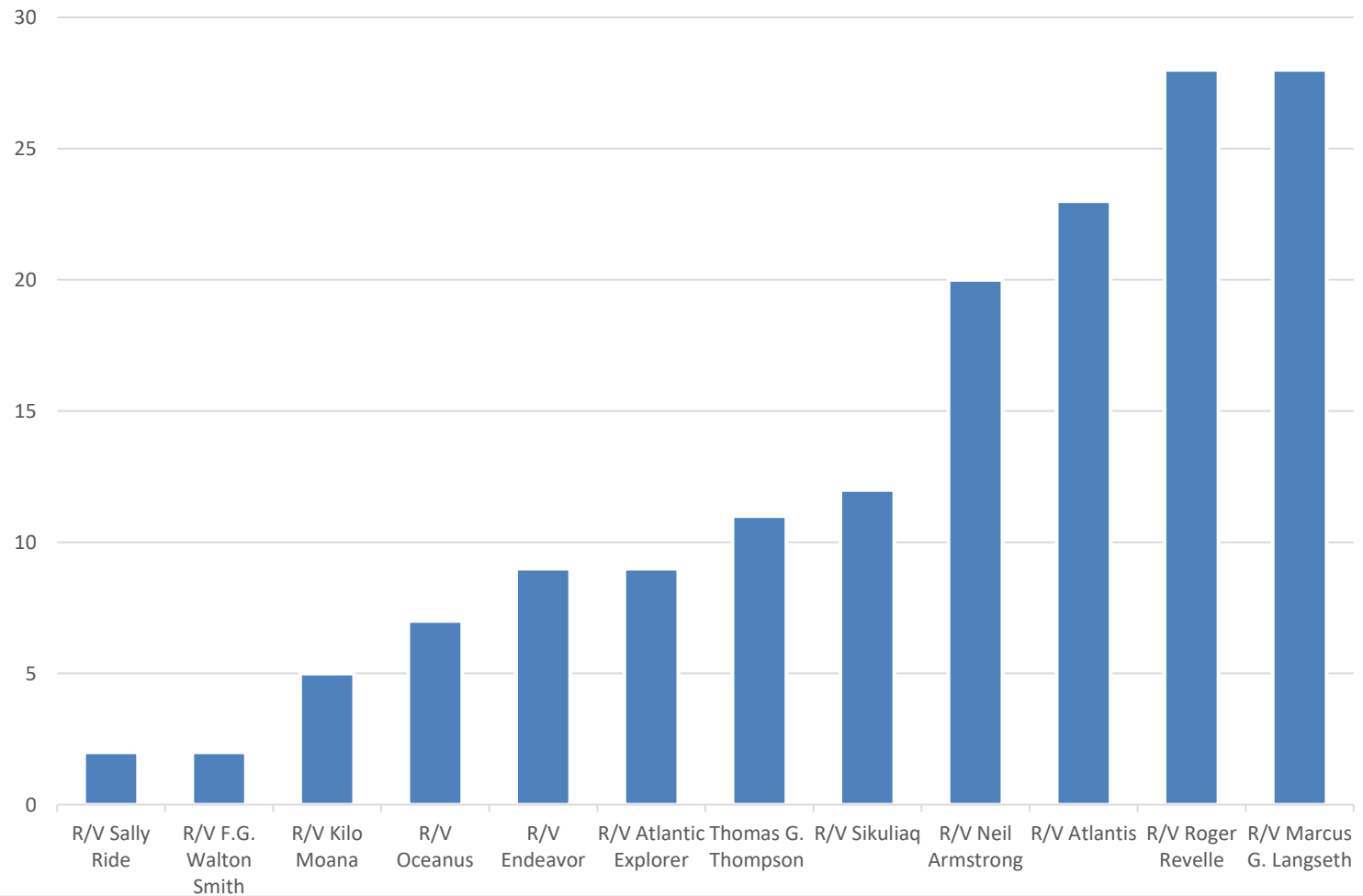
2016 Cases By Severity



2017 Cases By Vessel



2017 Encounters By Vessel



UNOLS SUPPLIES



GW

**Maritime
Medical Access**

Upcoming New Supply Procurement Systems

- Faster PO Generation & Shipping Timelines
- Direct Access to Global Maritime Supply Network
- Comprehensive Item Labeling
- Optional Online Live Tracking Formulary Management Tool
- Tied Into GW Physician Services

PROGRAMATIC UPDATES



GW

**Maritime
Medical Access**

GW Maritime Medical Access - Updates



- Two New Maritime Physicians
- Medical Center Rebranding & Reorganization
- Increased Staff Support
- Refreshed Reporting Procedures
- Improved Newsletter & Medical Advisories

Contact Us

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“MMA has provided very fast responses with follow up questions and treatment that help crew members return to good health as quickly as possible.”

-Fishing Vessel Captain

