



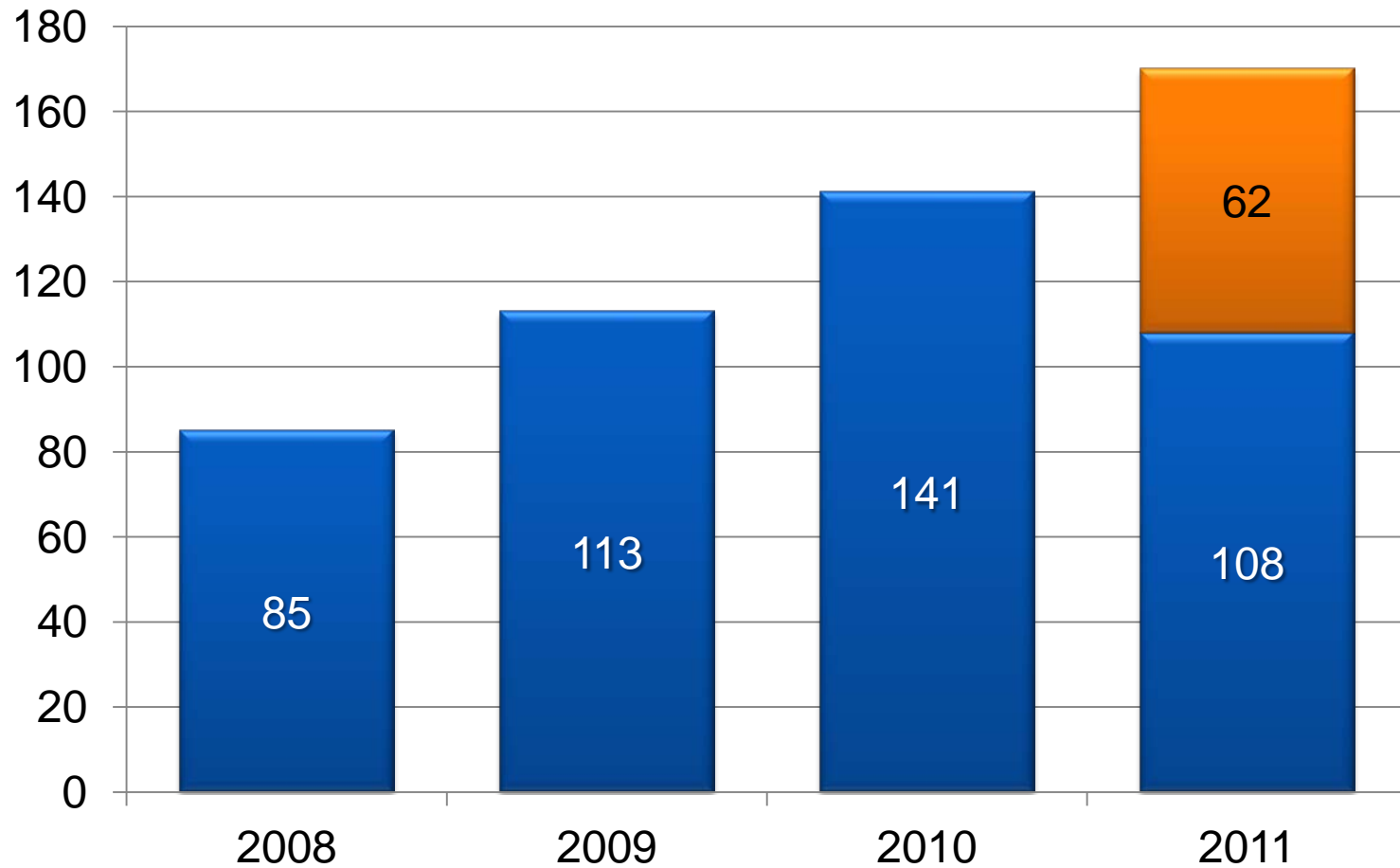
Maritime Telemedicine: Research Vessels

2011

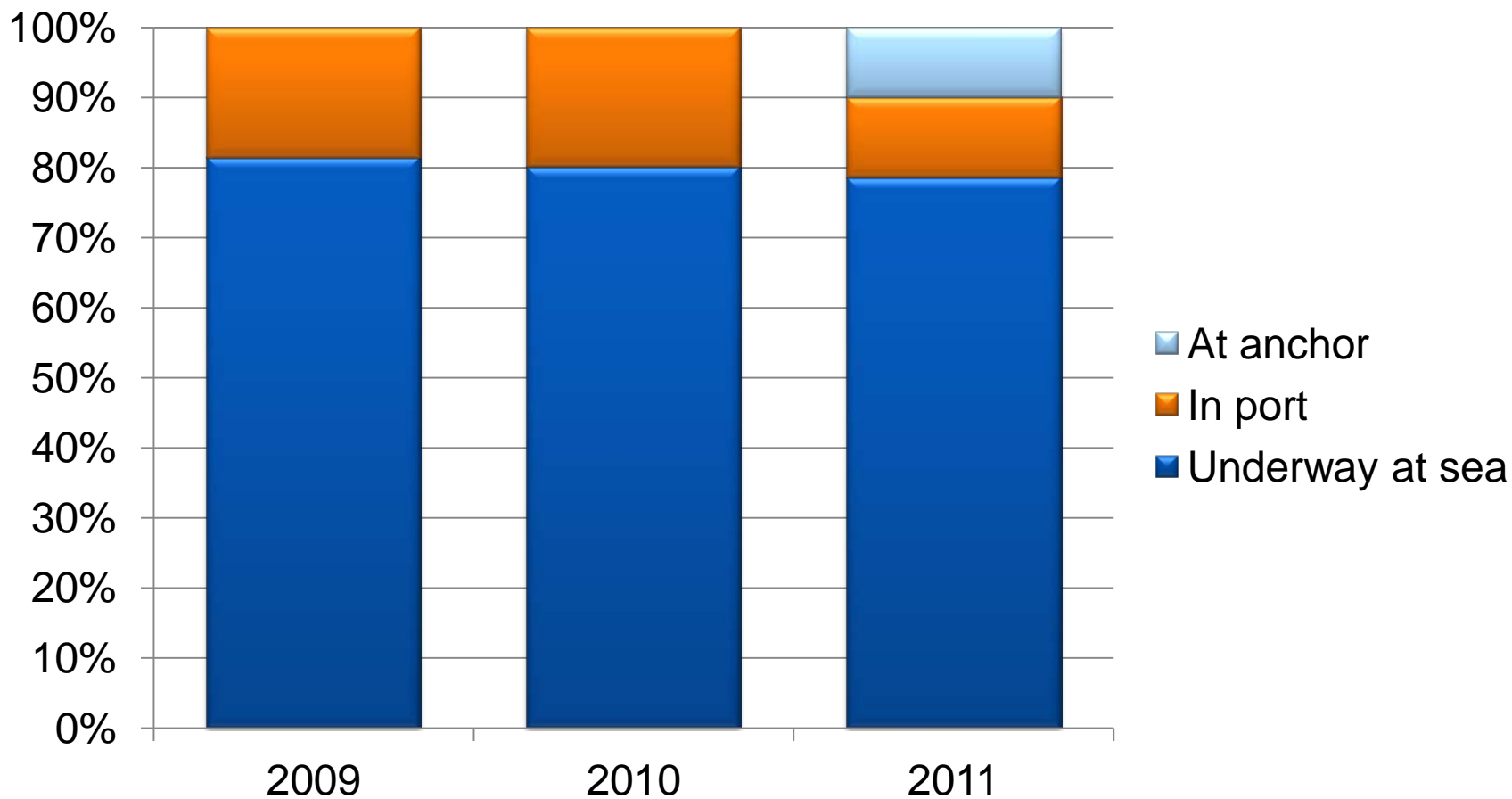
Introduction

- Case documenting system changed in April 2011
- Better data capture
 - Maritime specific scripts
 - More safety/occupational health focus
 - Better medical categorization
- 1,041 cases (324 vessels)
 - 108 UNOLS + 8 non-UNOLS cases

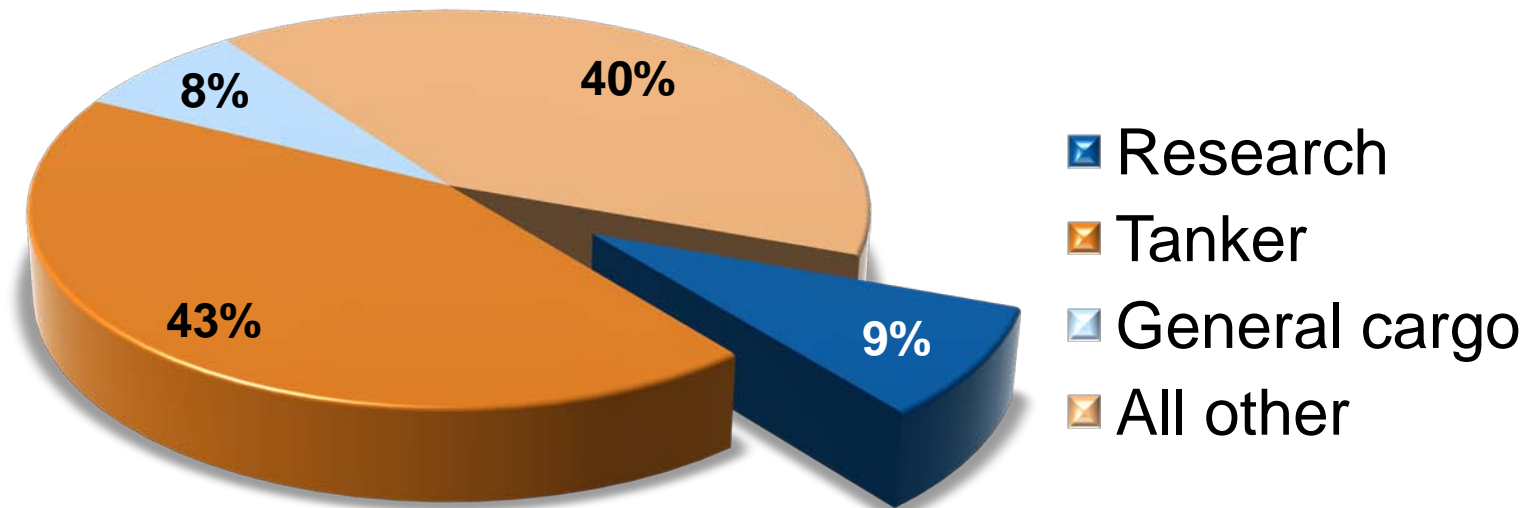
Cases per year – Research vessels



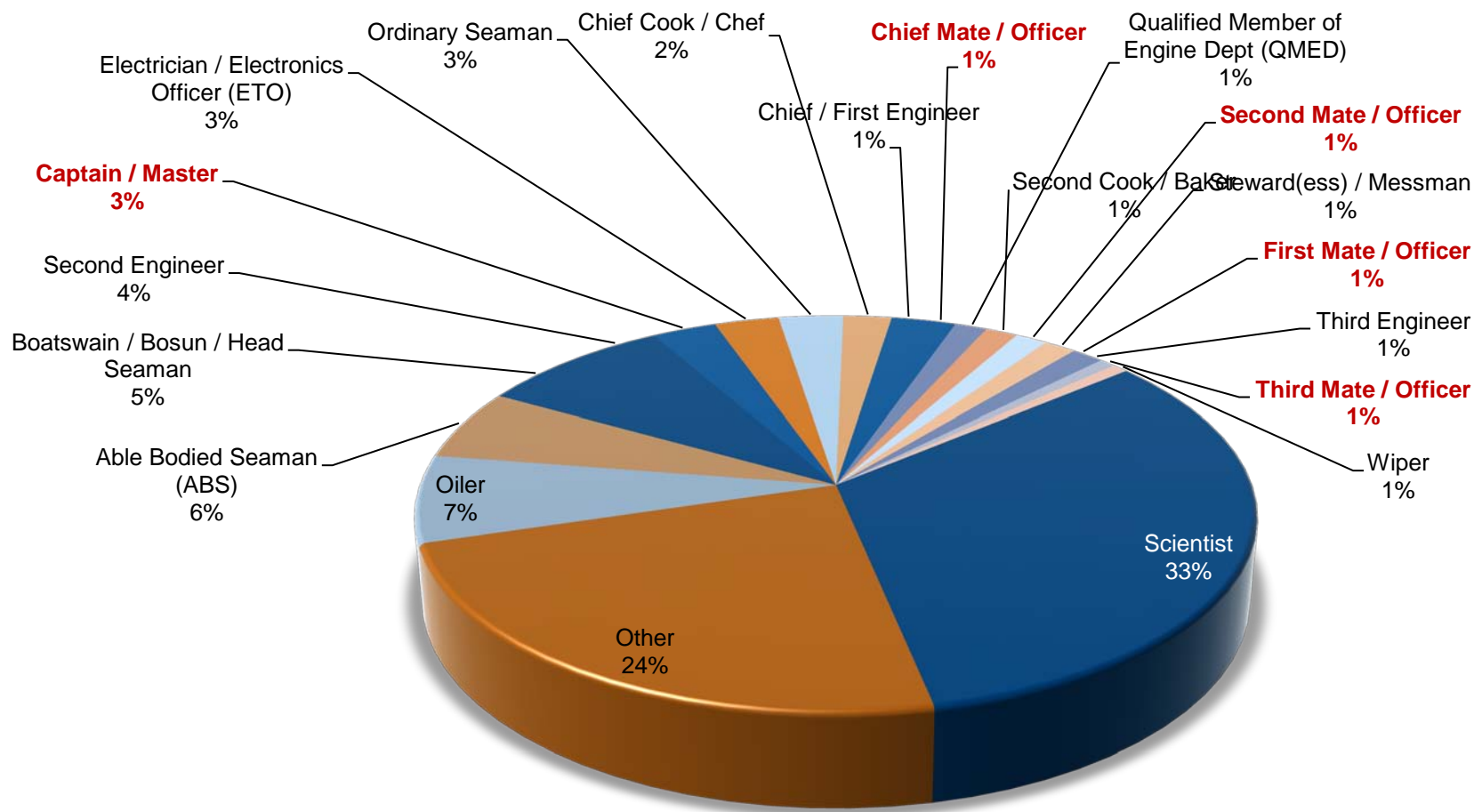
Distribution of vessel situation per year



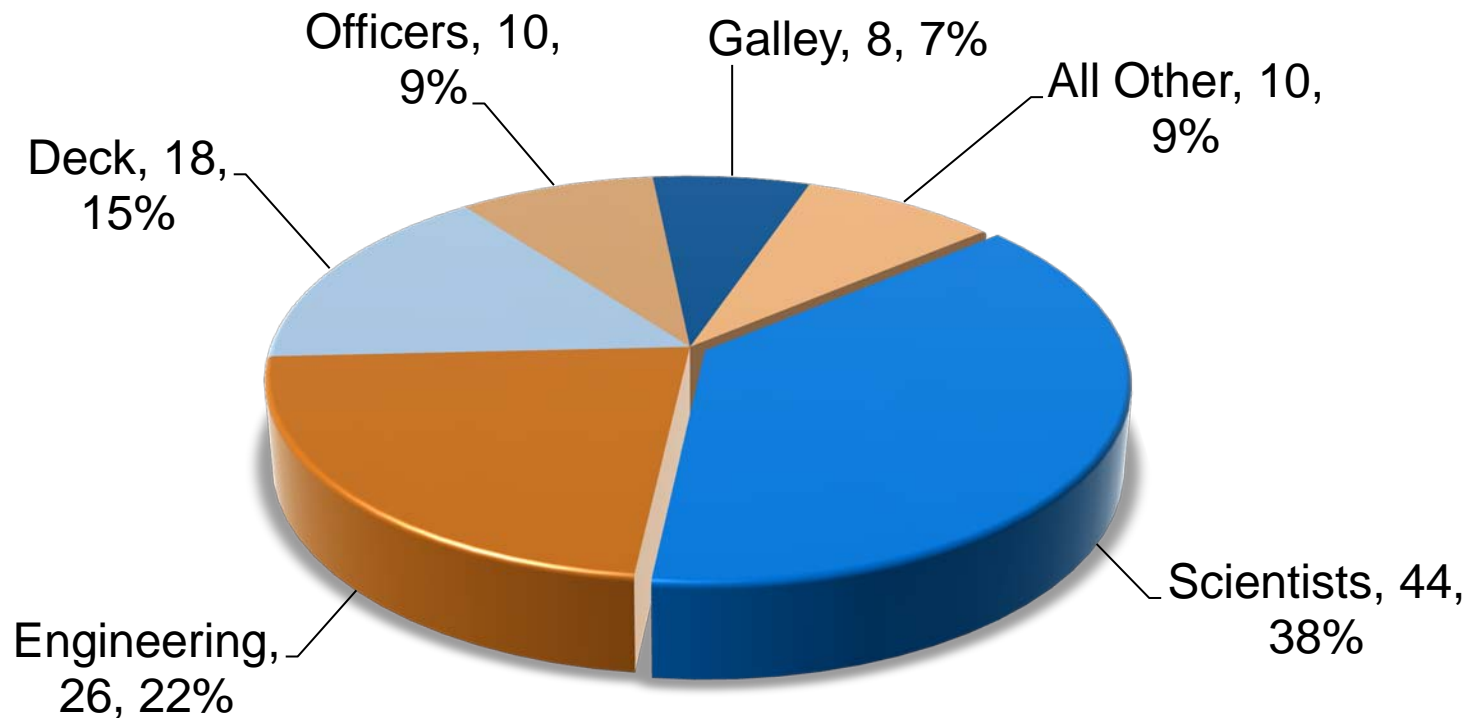
Case distribution by operation profile



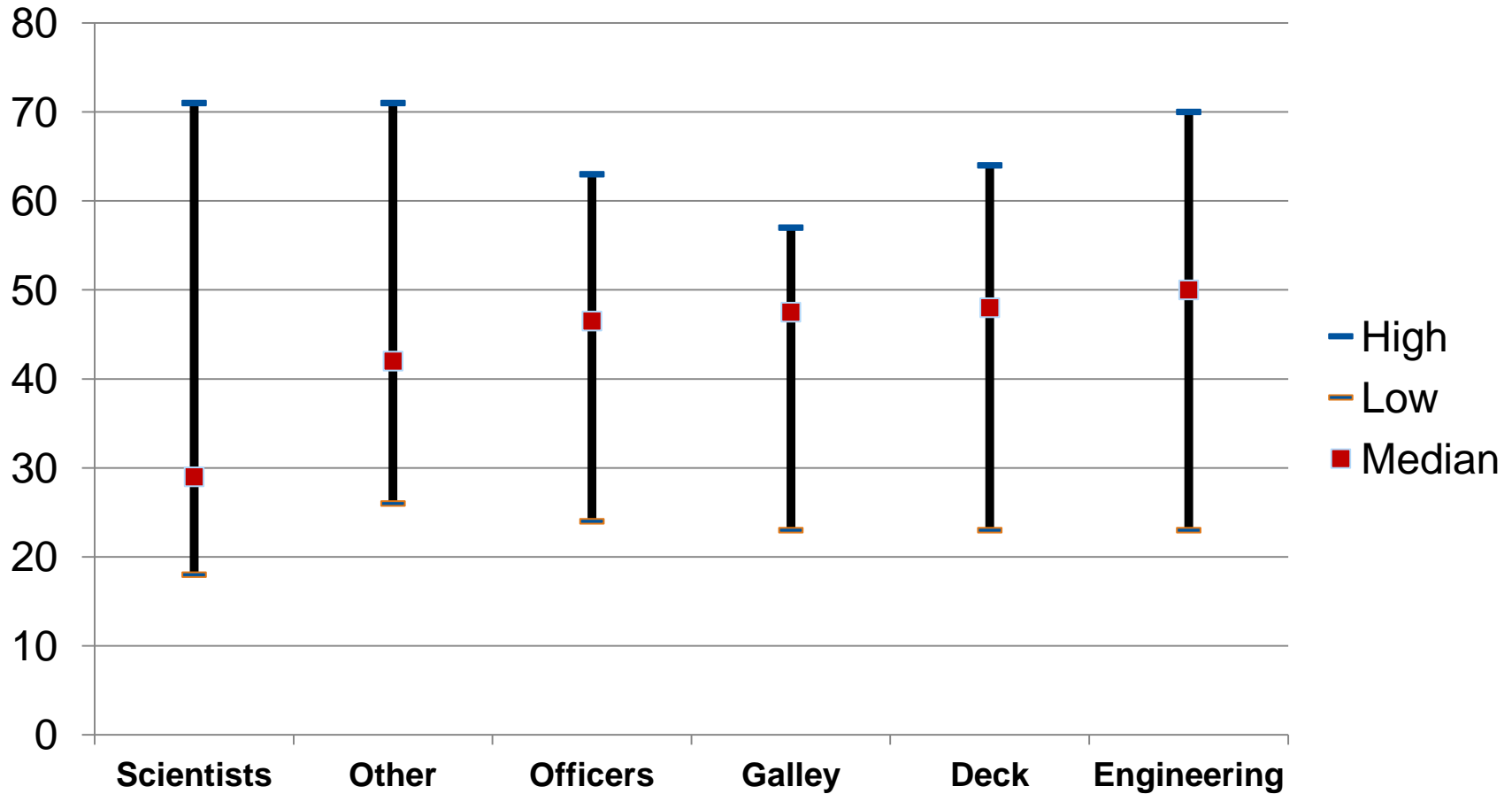
Patient type – Research vessels



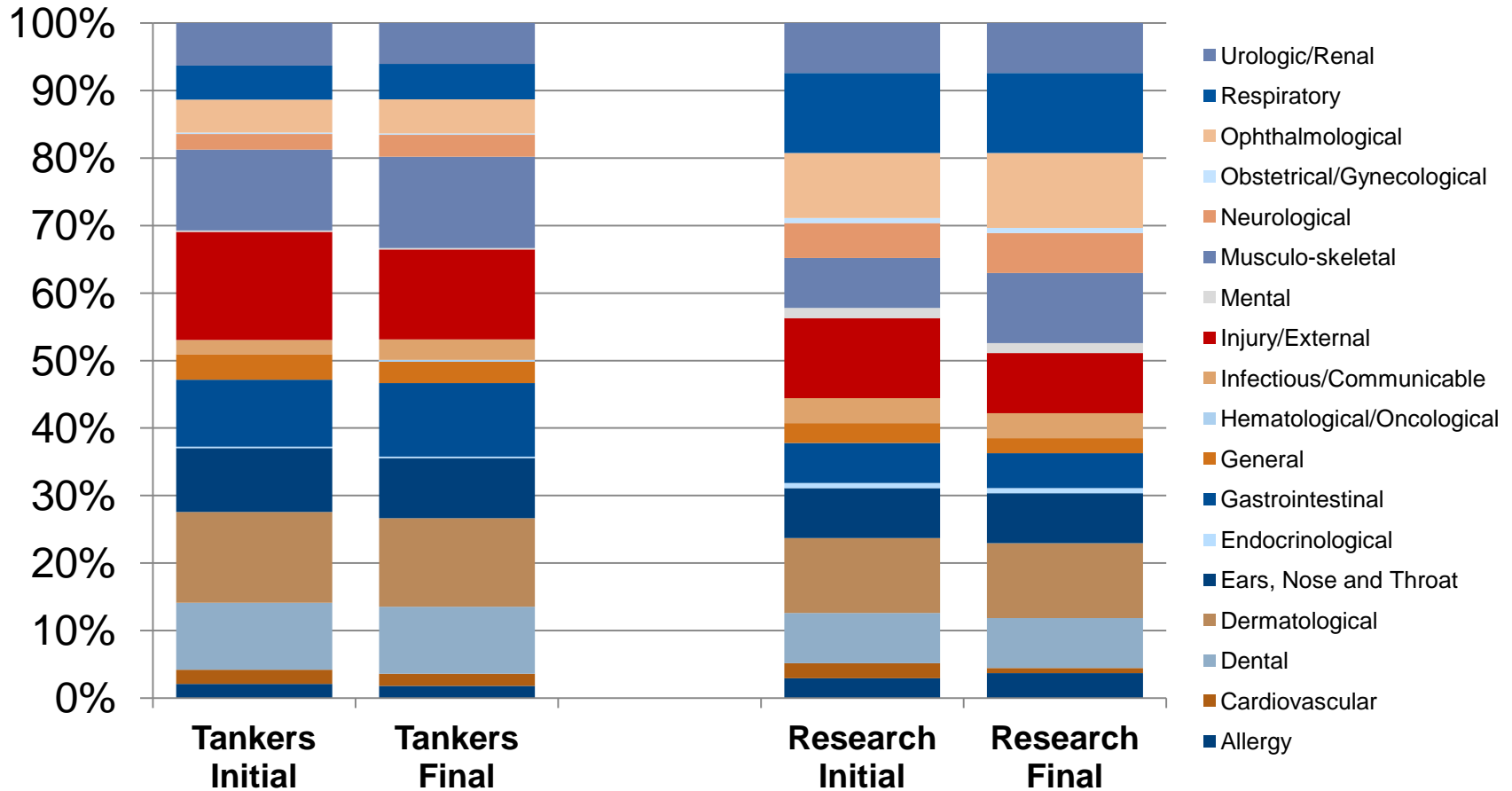
Patient type – Research vessels



Median, max and min ages

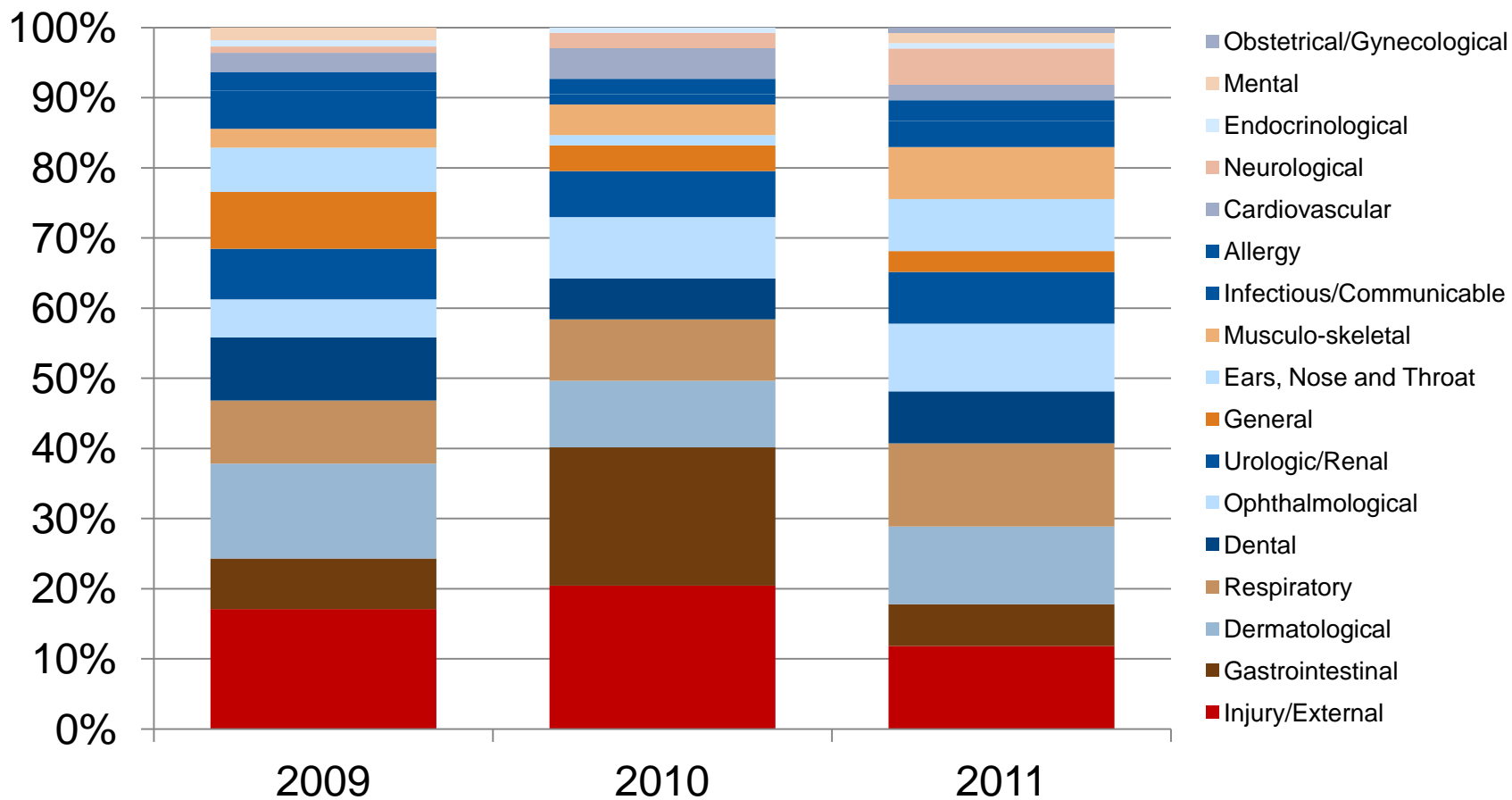


Diagnostic categories



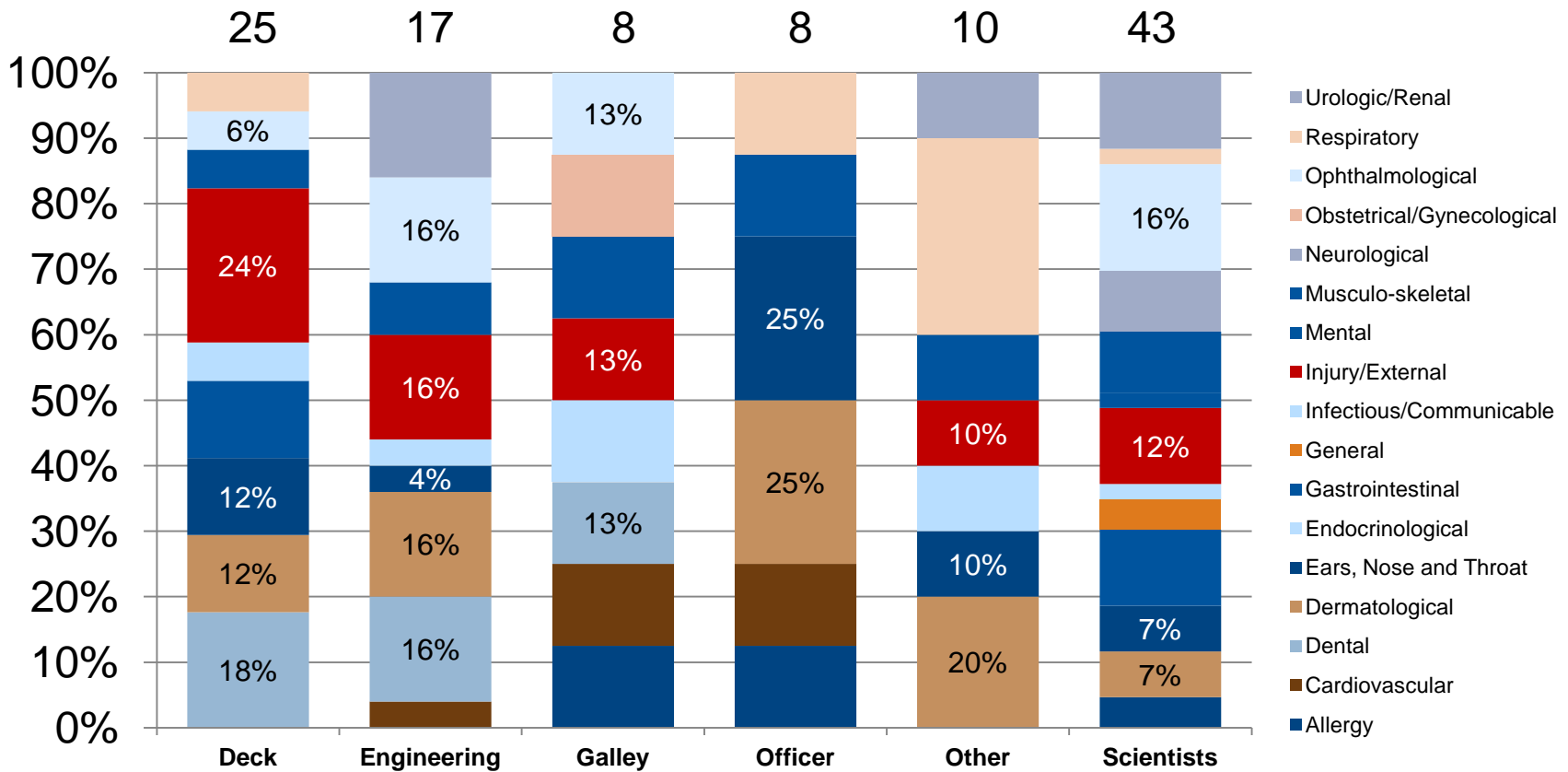
Diagnostic categories comparison

Yearly variation

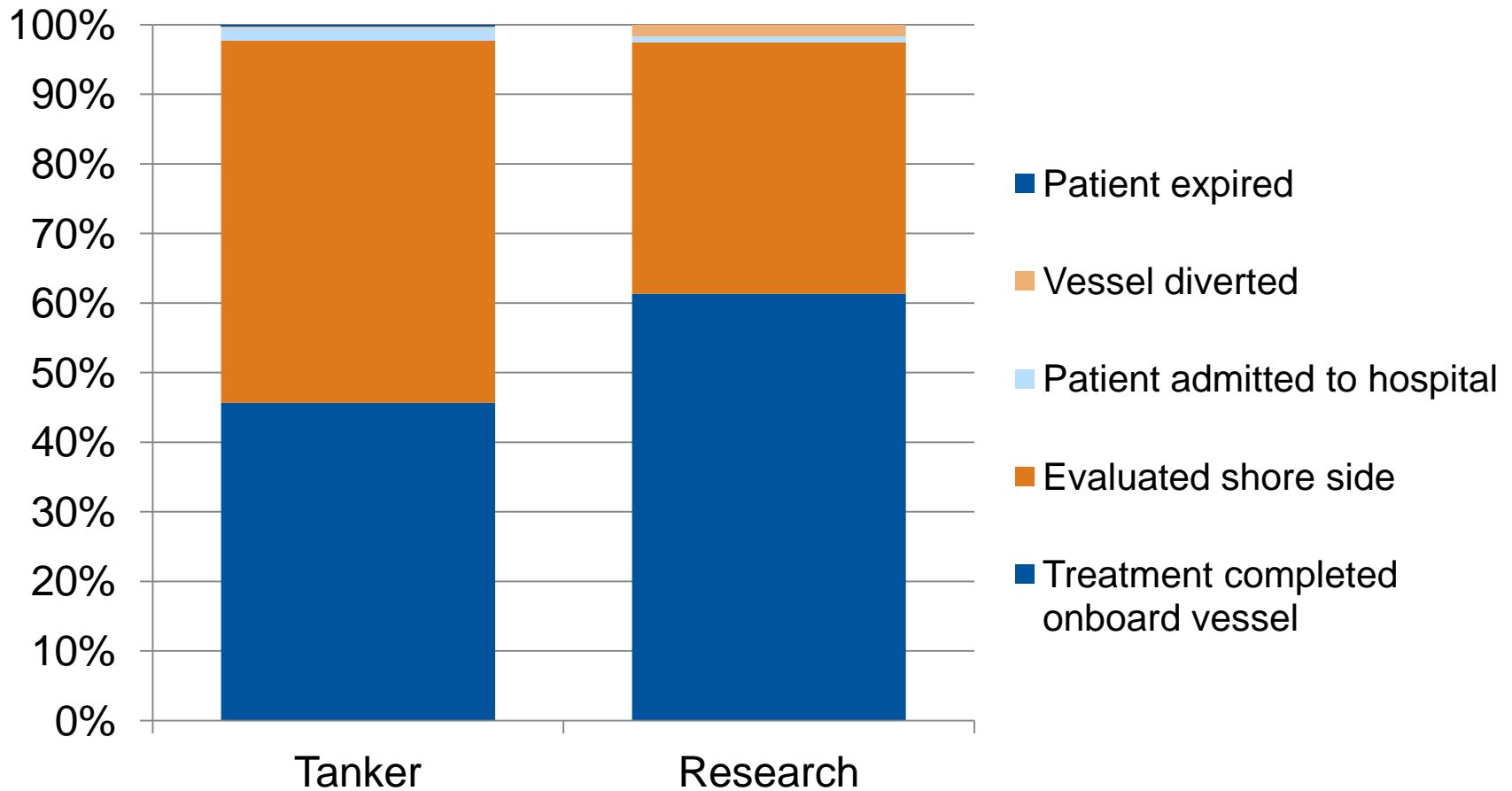


Diagnostic categories comparison

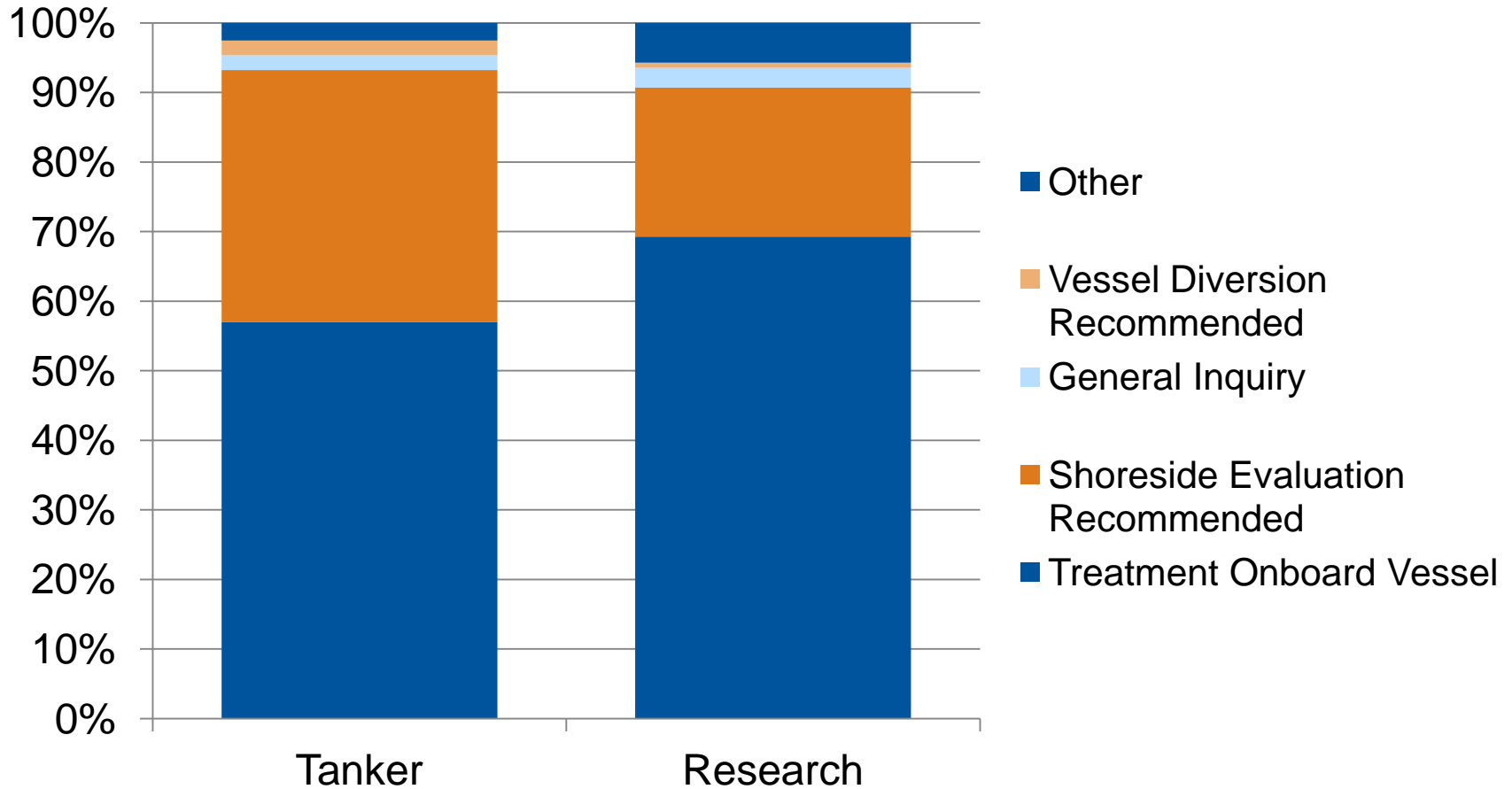
By activity



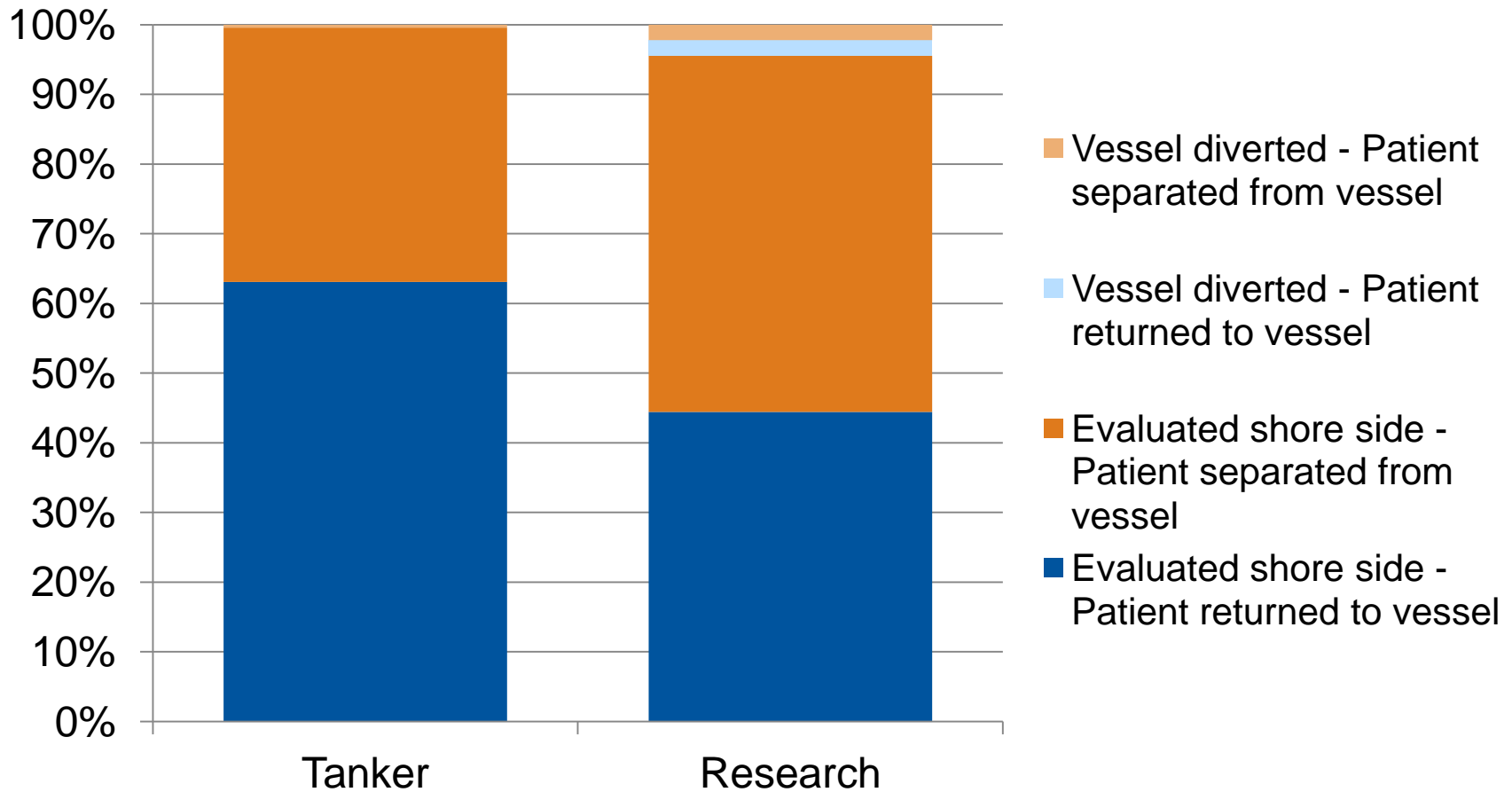
Final disposition



Disposition



Shore side evaluation and diversion



Diversion patient separated from vessel

- Hx of kidney stones
- 16 NM to coast
- Blood in urine
- Important weight loss
- 24 hours turn around



© 2012 Google
Image U.S. Geological Survey
US Dept of State Geographer
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

9°20'18.83" N 84°05'40.39" W elev -2 ft

Google earth

Diversion patient returned to vessel

- Foreign object in the eye
- 454 NM to Kodiak
- Treated initially on board
- Evaluated at shore side clinic
- Returned to vessel after treatment
- 8 days

55.28 N 139.57 W



R/V Marcus G. Langseth

© 2012 Google
Image © 2012 TerraMetrics
© 2012 Cnes/Spot Image
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
56°53'43.18" N 145°00'32.65" W elev -12992 ft

Google earth

Eye alt 835.86 mi

Thank you!!

