



Cyprus Fleet Port State Control Performance 2020-2022

GREEN TRANSFORMATION - GREEN SHIPPING
ΣΥΝΕΡΓΙΚΗ ΤΡΑΝΣΦΟΡΜΑΣΙΟΝ - ΣΥΝΕΡΓΙΚΗ ΣΤΡΟΦΗ





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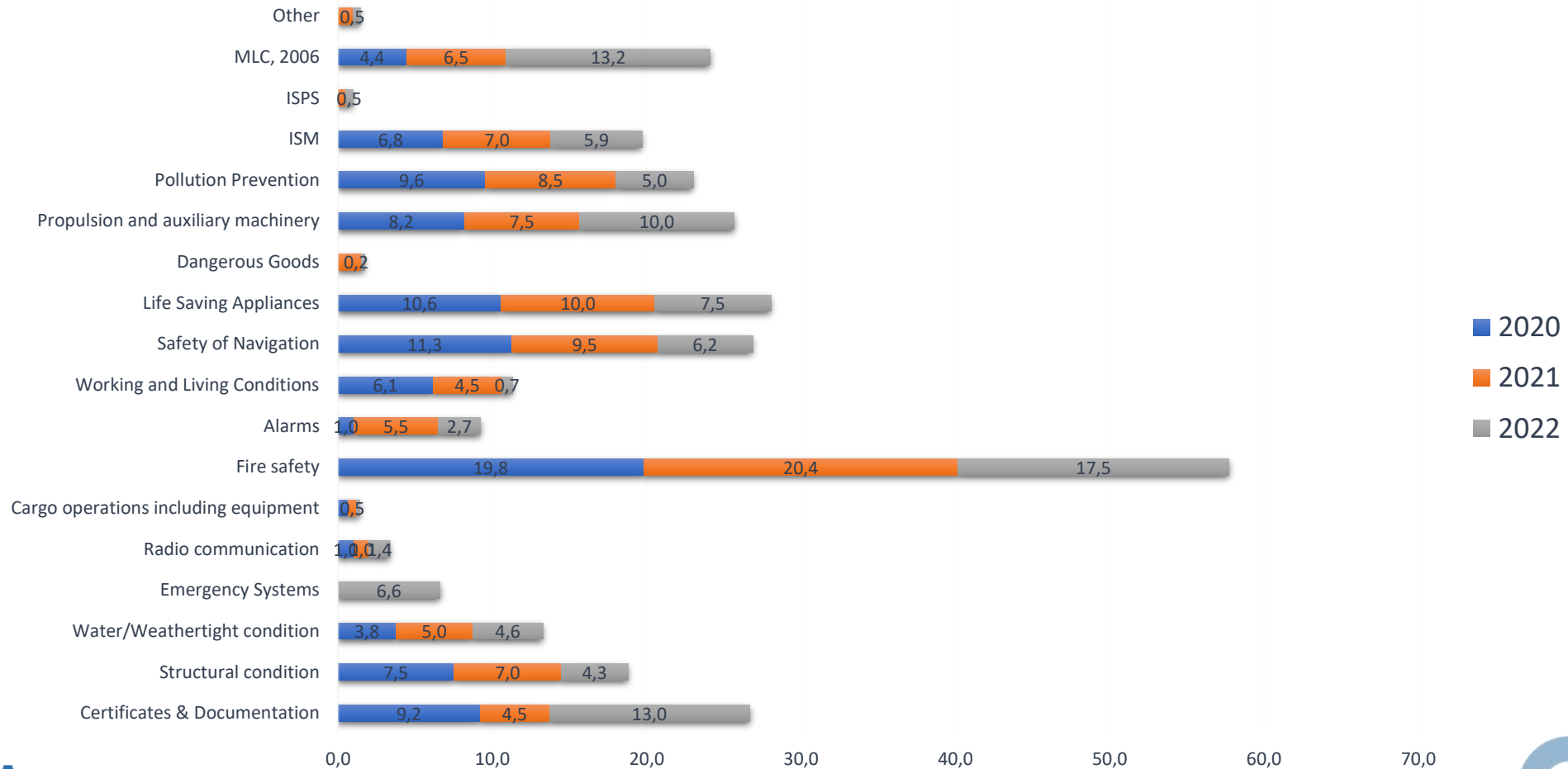


Statistical Data Sources

- Shipping Deputy Ministry records;
- 2020-2022 reports of the Port State Control inspections, worldwide, on Cyprus flagged ships that they were detained;
- <https://www.parismou.org/>;
- <https://www.uscg.mil/>;
- <http://www.tokyo-mou.org/>;
- ClassNK Port State Control Annual Report 2022.

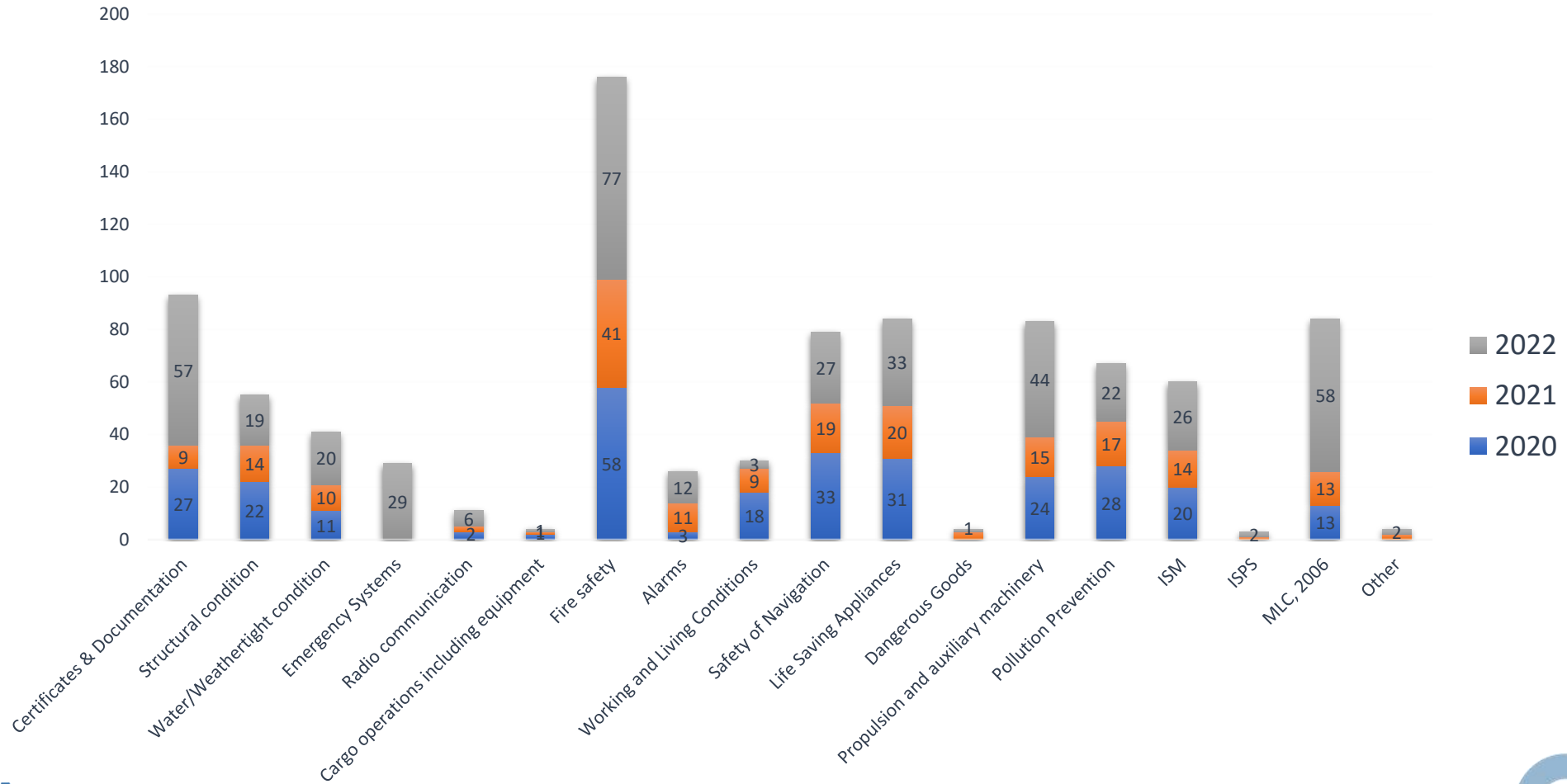


Deficiency Ratio per Category (%) 2020-2022



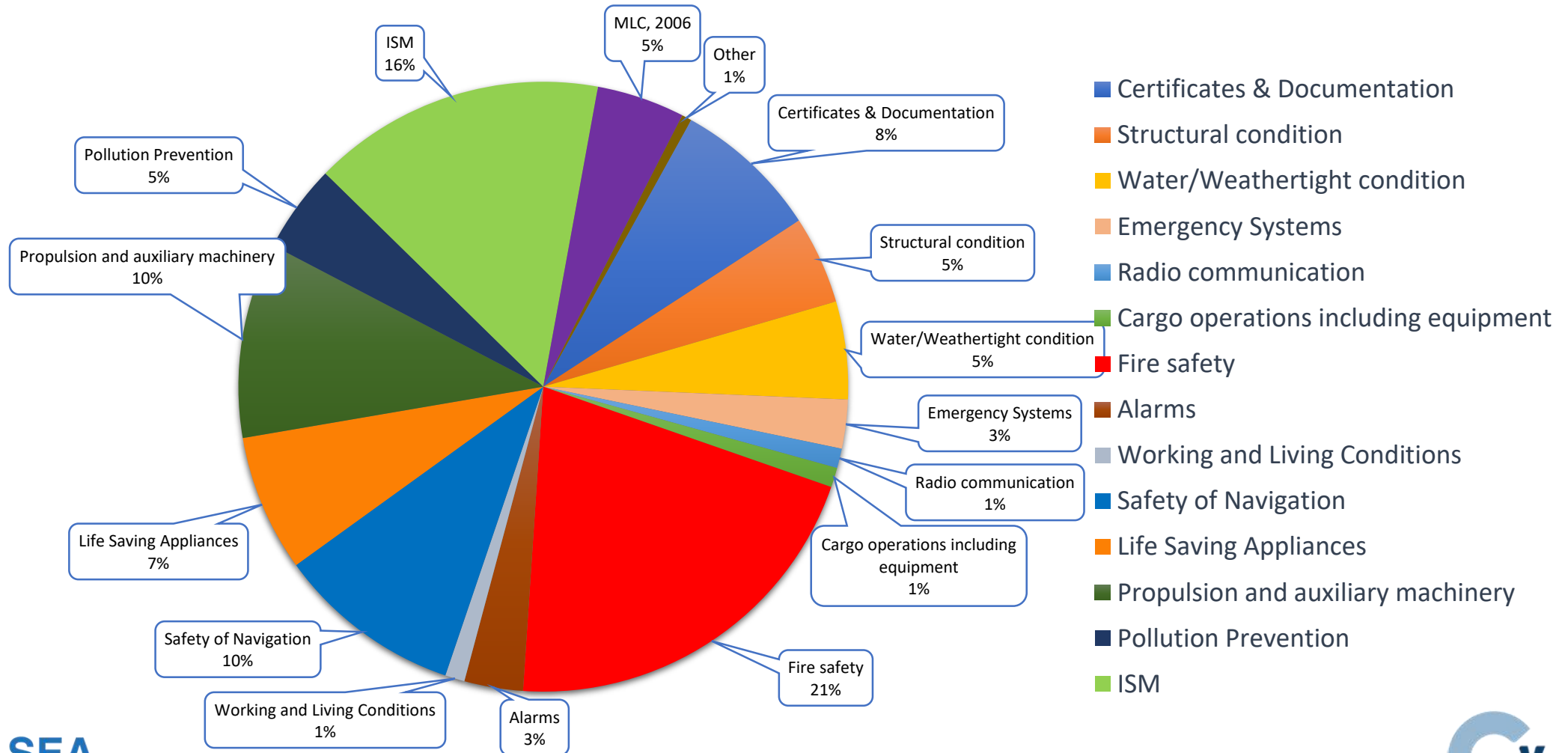


No. of Deficiencies per Category 2020-2022





Detainable Def. Category Ratio in Paris MoU (%) 2020-2022





Detainable Deficiencies per Category in Paris MoU 2020-2022 (A)

Certificates & Documentation	Structural condition	Water/Weathertight condition
International Oil Pollution Prevention (IOPP)	Electrical installations in general	Covers (hatchway-, portable-, tarpaulins, etc.)
Other (certificates)	Closing devices/watertight doors	Scuppers, inlets and discharges
Seafarers' employment agreement (SEA)	Bulk carriers Add.safety measures	Doors
Manning specified by the minimum safe manning doc	Air intakes machinery and control station spaces	Manholes/flush scuttles
Endorsement by flagstate	Steering gear	Railing, gangway, walkway and means for safe passage
Certificates for master and officers	Other (Structural conditions)	Ventilators, air pipes, casings
Stability Information Booklet		
SOPEP		
Emergency Systems	Radio communication	Cargo operations including equipment
Fire drills	Operation/maintenance	Cargo operation
Abandon ship drills	Facilities for reception of marine safety inform.	Cargo Securing Manual
Emergency source of power - Emergency generator		
Abandon ship drills		
Emergency, lighting, batteries and switches		
Enclosed space entry and rescue drills		
Emergency fire pump and its pipes		
Crew familiarization with Emergency Systems		



Detainable Deficiencies per Category in Paris MoU 2020-2022 (B)

Fire safety	Alarms	Working and Living Conditions
Fire prevention structural integrity	Fire alarm	Cleanliness of engine room
Fire pumps and its pipes	Machinery controls alarm	
Division - decks,bulkheads and penetrations	General alarm	
Fixed fire extinguishing installation		
Remote Means of control (opening,pumps,ventilation,etc.)	Machinery spaces	
Fire doors/openings in fire-resisting divisions		
Ready availability of fire fighting equipment		
Fire fighting equipment and appliances		
Fire-dampers		
Jacketed high pressure lines and oil leakage alarm		
Means of escape		
Fixed fire extinguishing installation		
Personal equipment for fire safety		
Evaluation of crew performance (fire drills)		
Remote Means of control (opening,pumps,ventilation,etc.)	Machinery spaces	
Personal equipment for fire safety		
Door within main		

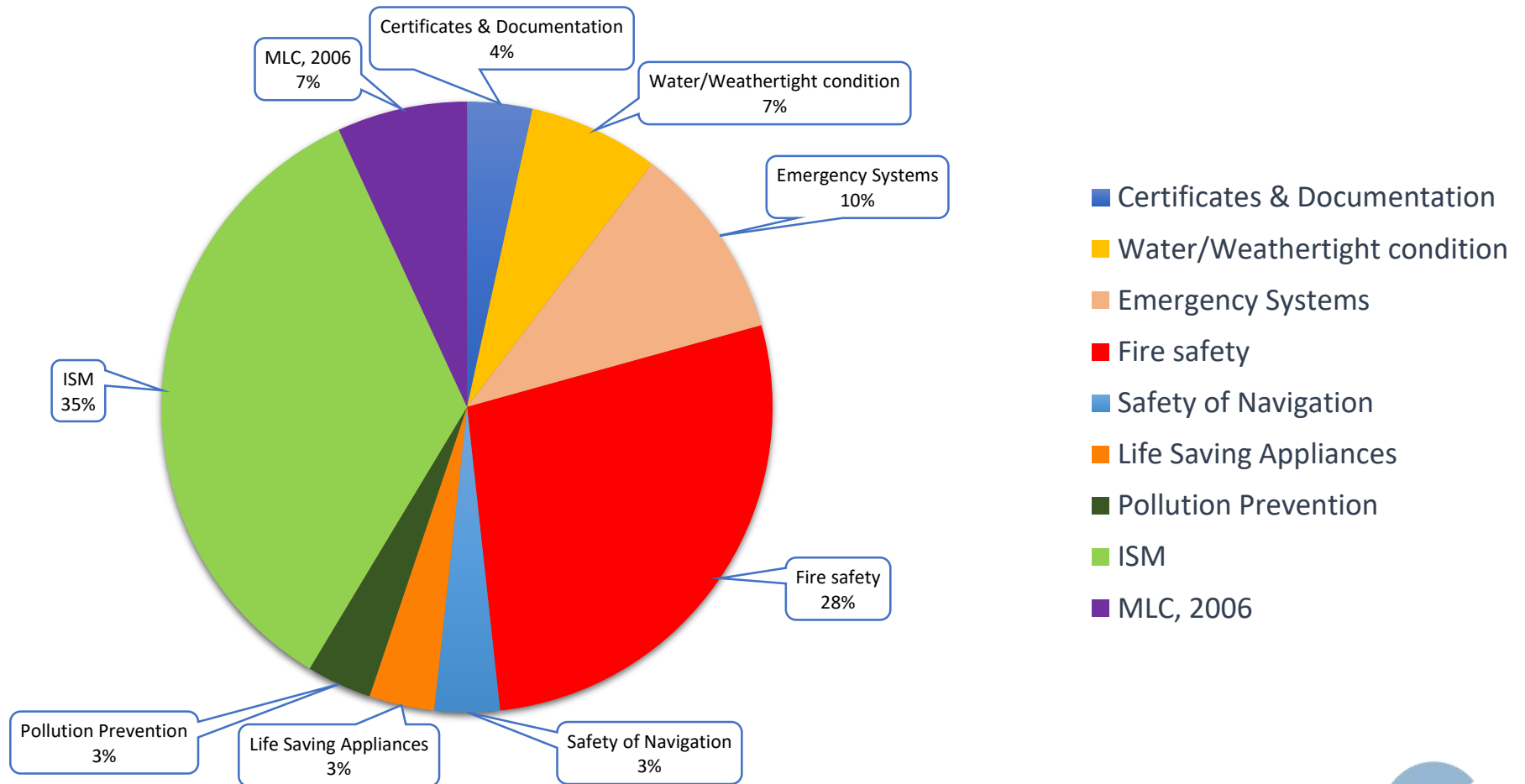


Detainable Deficiencies per Category in Paris MoU 2020-2022 (C)

Safety of Navigation	Life Saving Appliances	Propulsion and auxiliary machinery
Gyro compass Magnetic compass Radar Lights, shapes, sound-signals Navigation records Establishment of working language onboard Charts Nautical publications Voyage or passage plan Echo sounder Bridge operation	Maintenance of Life Saving Appliances Lifeboats Rescue boats Other safety in general Lifejackets incl.provision and disposition Rescue boat inventory Fast Rescue Boats Launching arrangements for rescue boats	Auxiliary engine Bilge pumping arrangements Operation of machinery Insulation wetted through (oil) Gauges,thermometers, etc Propulsion main engine
Pollution Prevention	ISM	MLC, 2006
15 PPM Alarm arrangmts. Oil filtering equipment Sewage treatment plant Sulphur content of fuel used	ISM, related deficiencies	Wages Provisions quality and nutritional value Sanitary Facilities Sleeping room, additional spaces Cleanliness of engine room Personal equipment Steam pipes, pressure pipes, wires (insulation) Lighting (Working spaces)
Other		
Other safety in general		



Detainable Def. Category Ratio in USA (%) 2020-2022



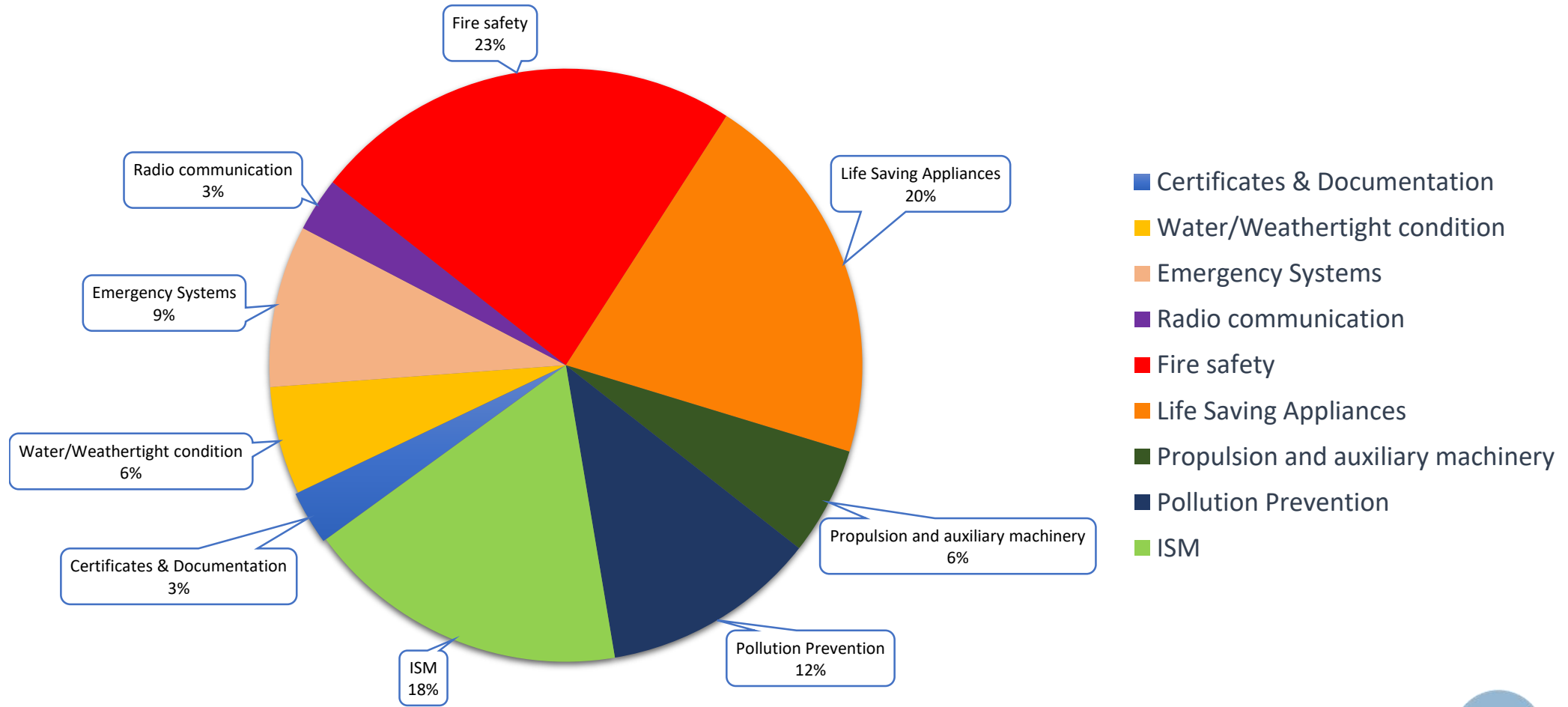


Detainable Deficiencies per Category in USA 2020-2022

Certificates & Documentation	Water/Weathertight condition	Emergency Systems
Safety Management Certificate (SMC/ ISM)	Doors Ventilators, air pipes, casings	Emergency source of power - Emergency generator Functionality of Safety Systems
Fire safety	Safety of Navigation	Life Saving Appliances
Evaluation of crew performance (fire drills) Fire fighting equipment and appliances Oil accumulation in engine room Fire detection and alarm system	Lights, shapes, sound-signals	Operational readiness of lifesaving appliances
Pollution Prevention	ISM	MLC, 2006
Oil filtering equipment	Maintenance of the ship and equipment Shipboard operations ISM, related deficiencies Company responsibility and authority Reports of non-conf., accidents & hazardous occur.	Sanitary Facilities Steam pipes, pressure pipes, wires (insulation)



Detainable Def. Category Ratio in Tokyo MoU (%) 2020-2022



- Certificates & Documentation
- Water/Weathertight condition
- Emergency Systems
- Radio communication
- Fire safety
- Life Saving Appliances
- Propulsion and auxiliary machinery
- Pollution Prevention
- ISM

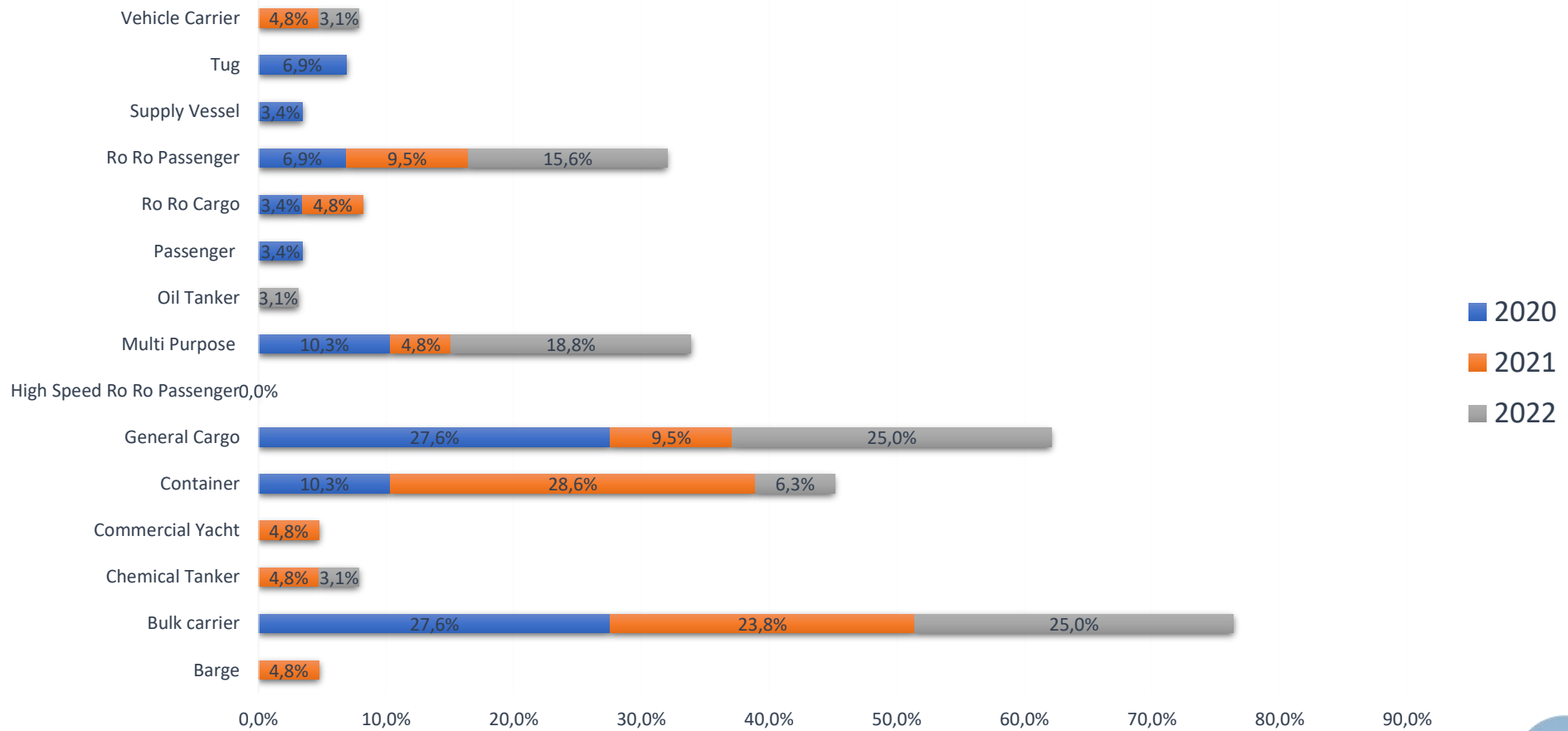


Detainable Deficiencies per Category in Tokyo MoU 2020-2022

Certificates & Documentation	Water/Weathertight condition	Emergency Systems
Seafarers' employment agreement (SEA)	Ventilators, air pipes, casings	Abandon ship drills Emergency source of power - Emergency generator Water level indicator
Radio communication	Fire safety	Life Saving Appliances
Operation of GMDSS equipment	Fire-dampers Fire prevention structural integrity Fire doors/openings in fire-resisting divisions Fire detection and alarm system	Launching arrangements for rescue boats Operation of Life Saving Appliances Inflatable liferafts Operational readiness of lifesaving appliances Lifeboats
Propulsion and auxiliary machinery	Pollution Prevention	ISM
Bilge pumping arrangements	Oil filtering equipment Sewage treatment plant Other (MARPOL Annex IV) Other (MARPOL Annex VI)	Documentation-ISM Emergency preparedness Other (ISM) Maintenance of the ship and equipment

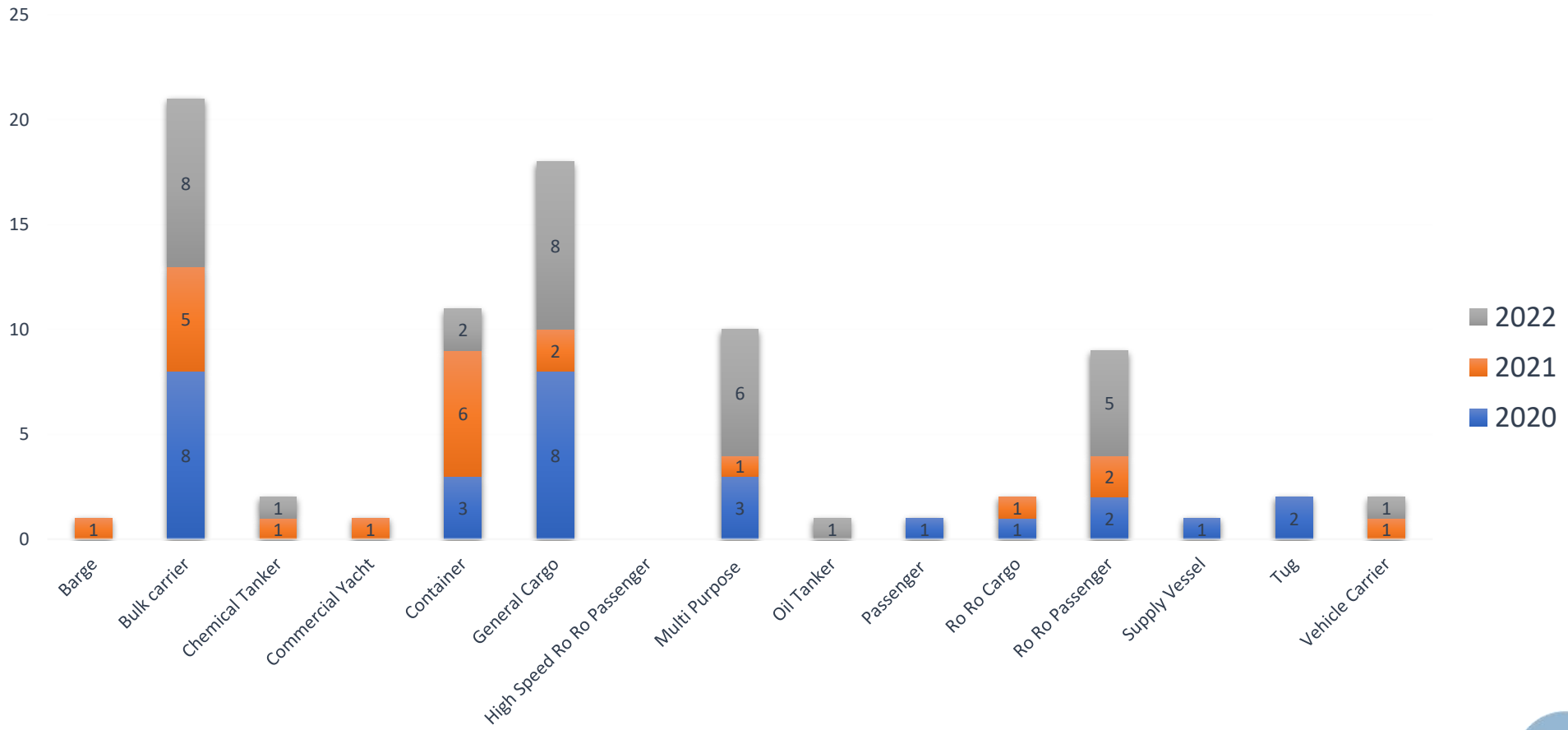


Detention Ratio per Ship Type (%) 2020-2022



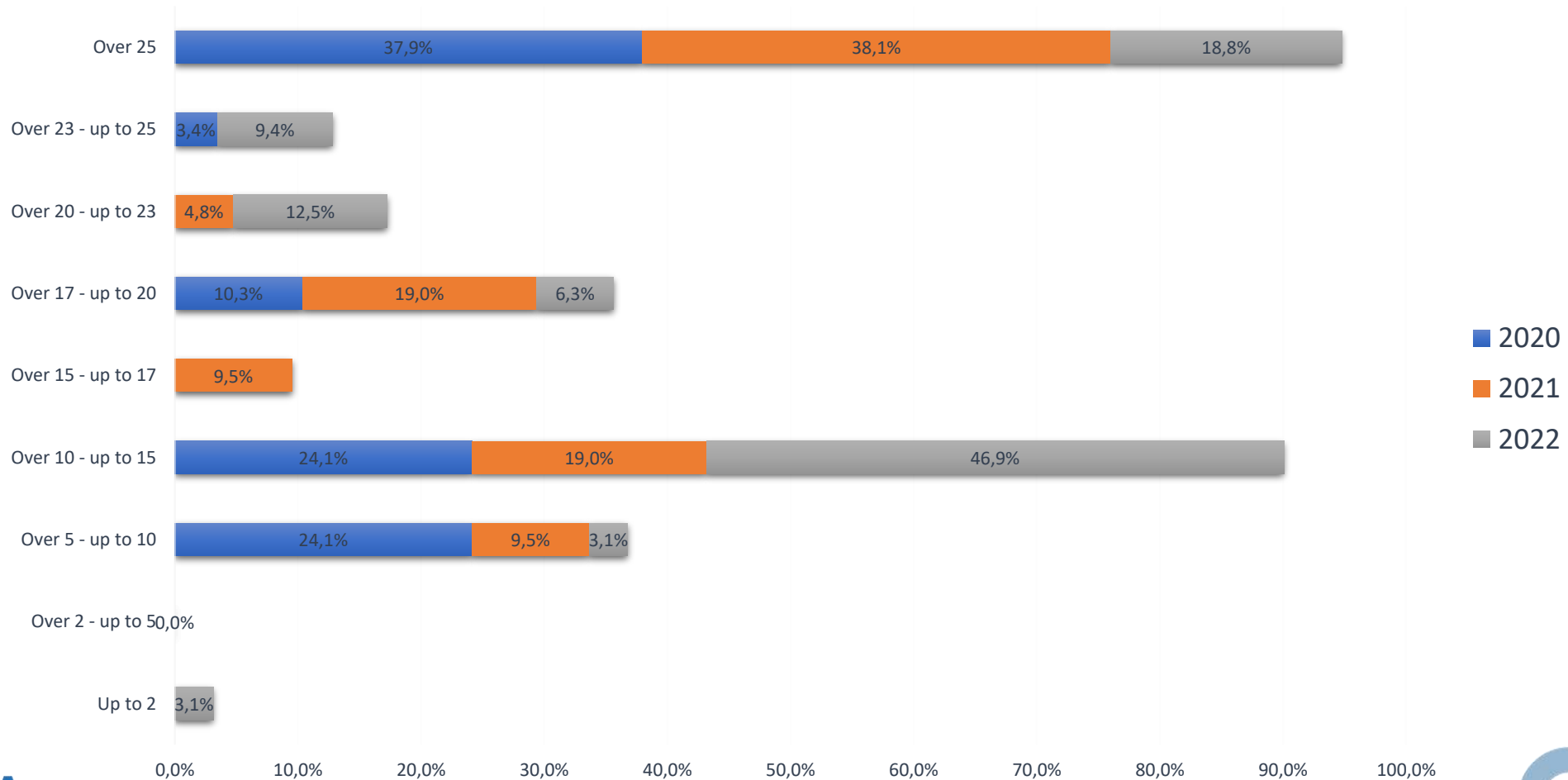


No. of Detentions per Ship Type 2020-2022



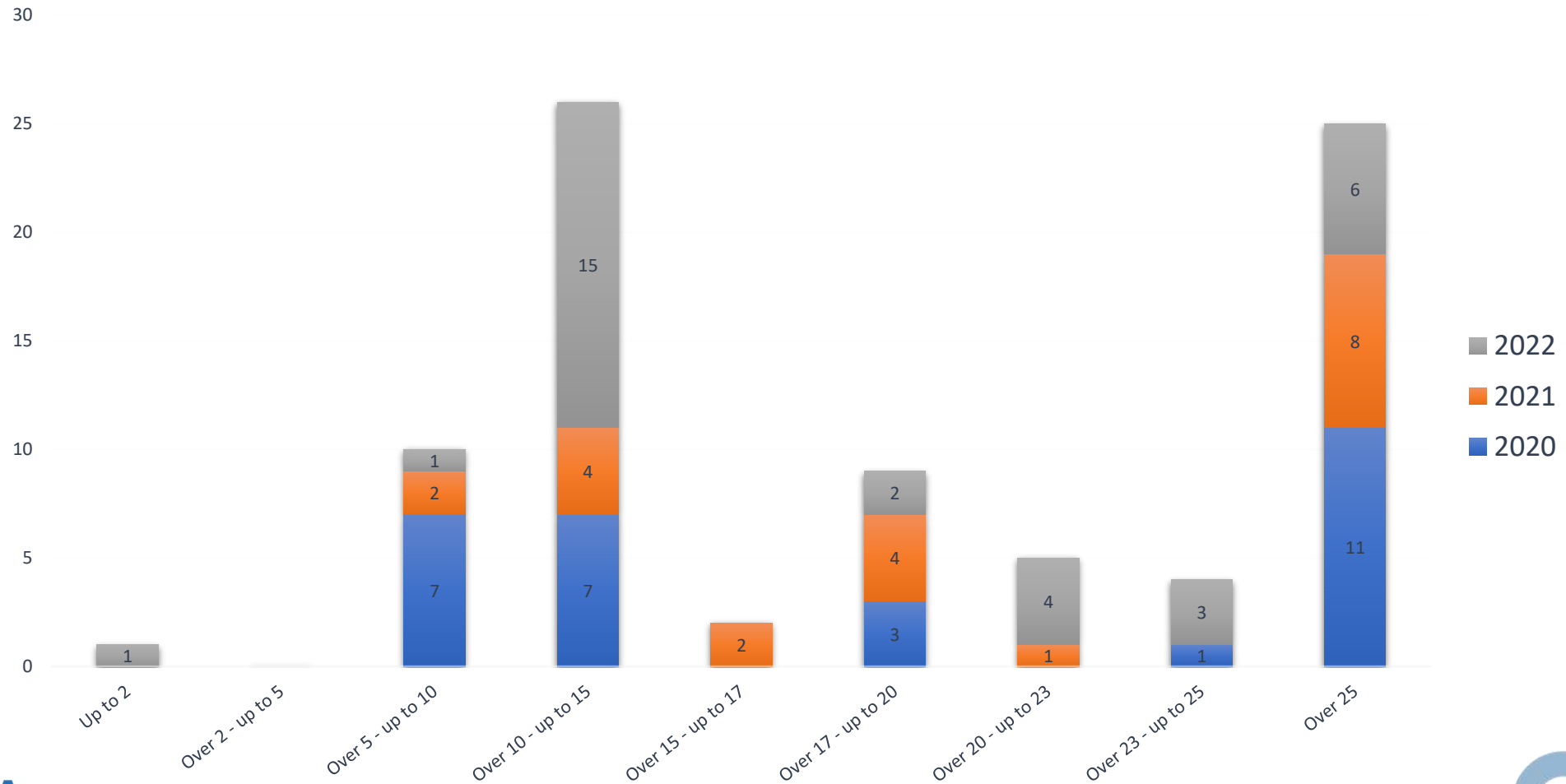


Detension Ratio per Ship Age (%) 2020-2022



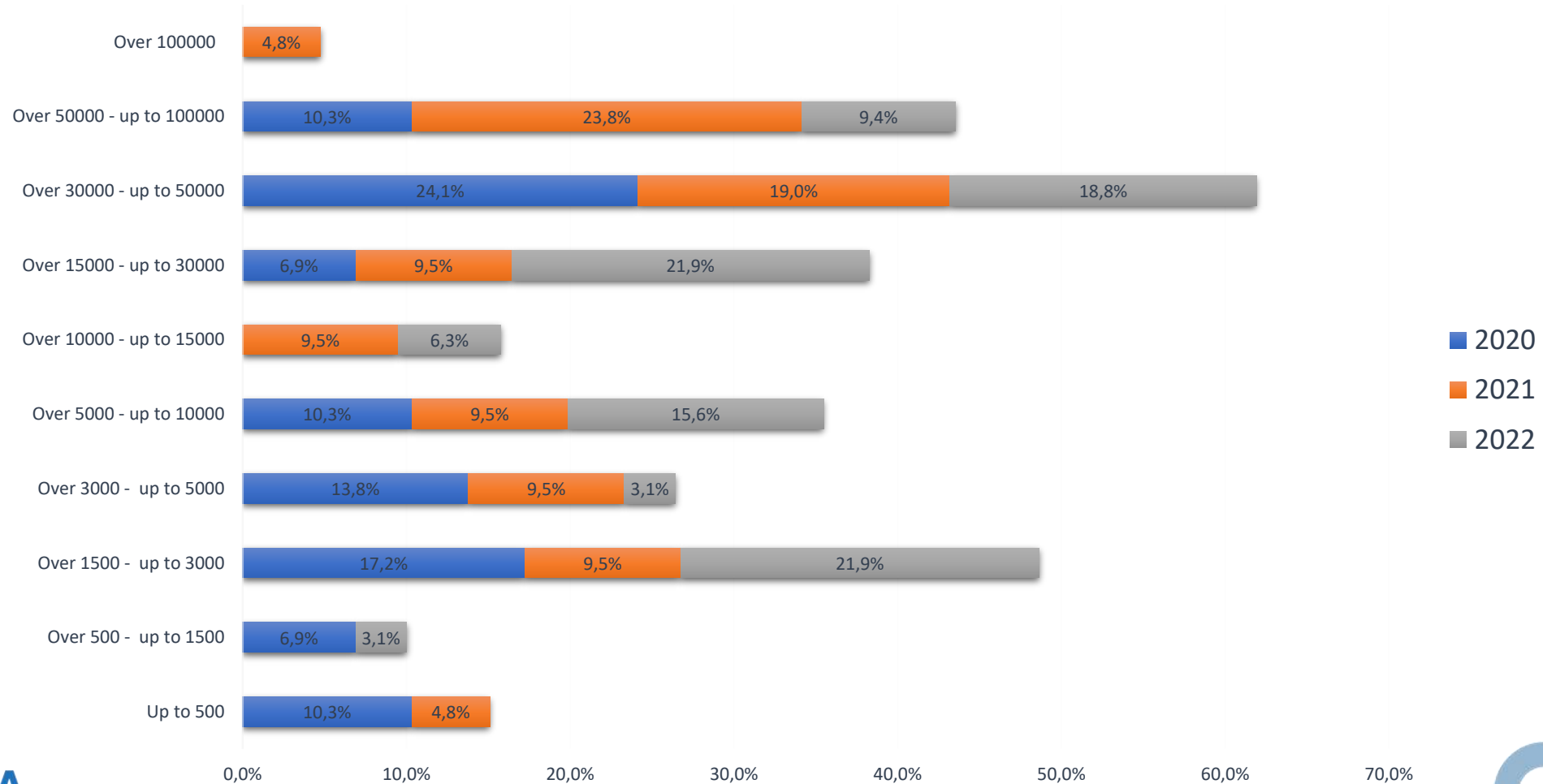


No. of Detentions per Ship Age 2020-2022



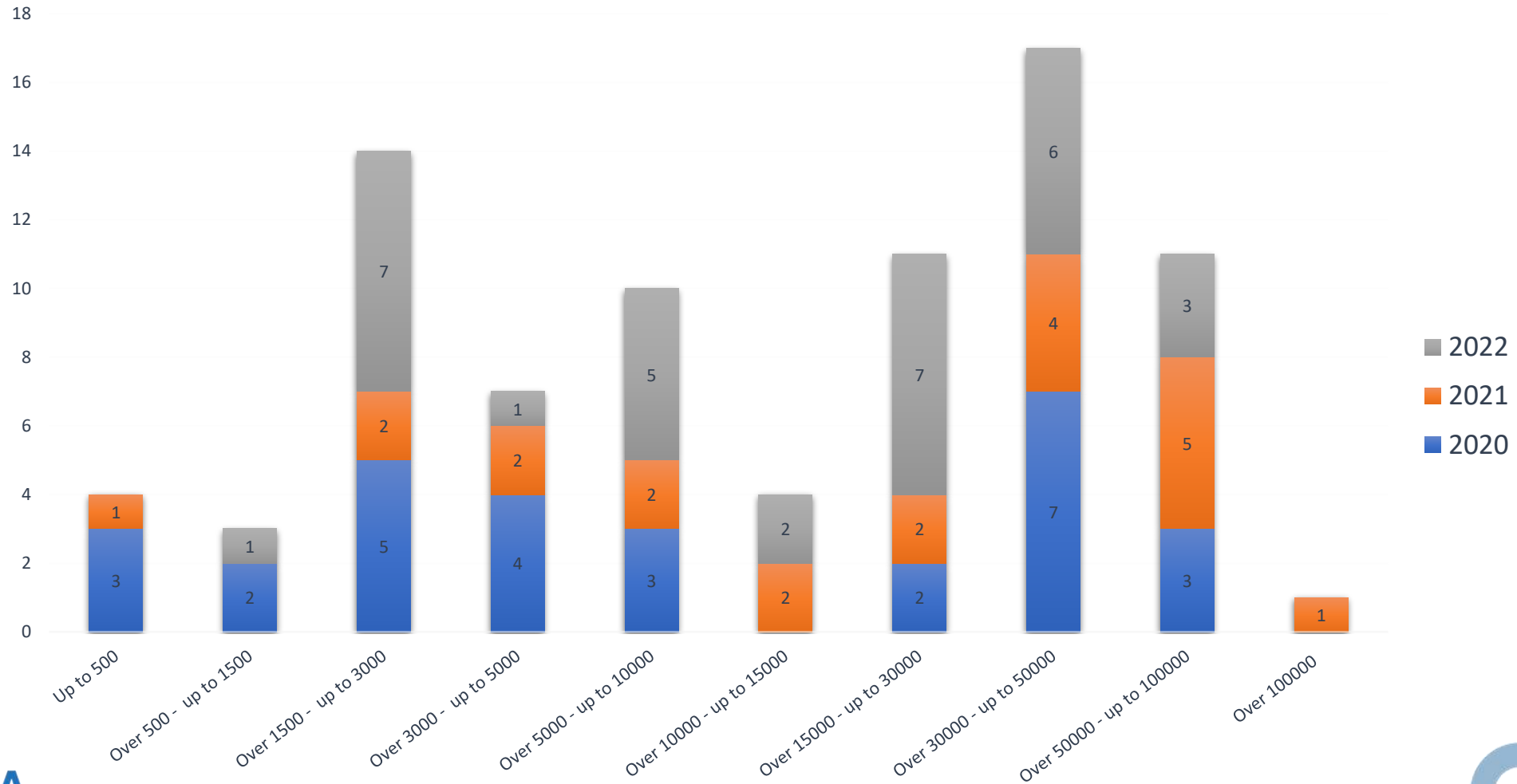


Detention Ratio per Size (Gross Tonnage) (%) 2020-2022



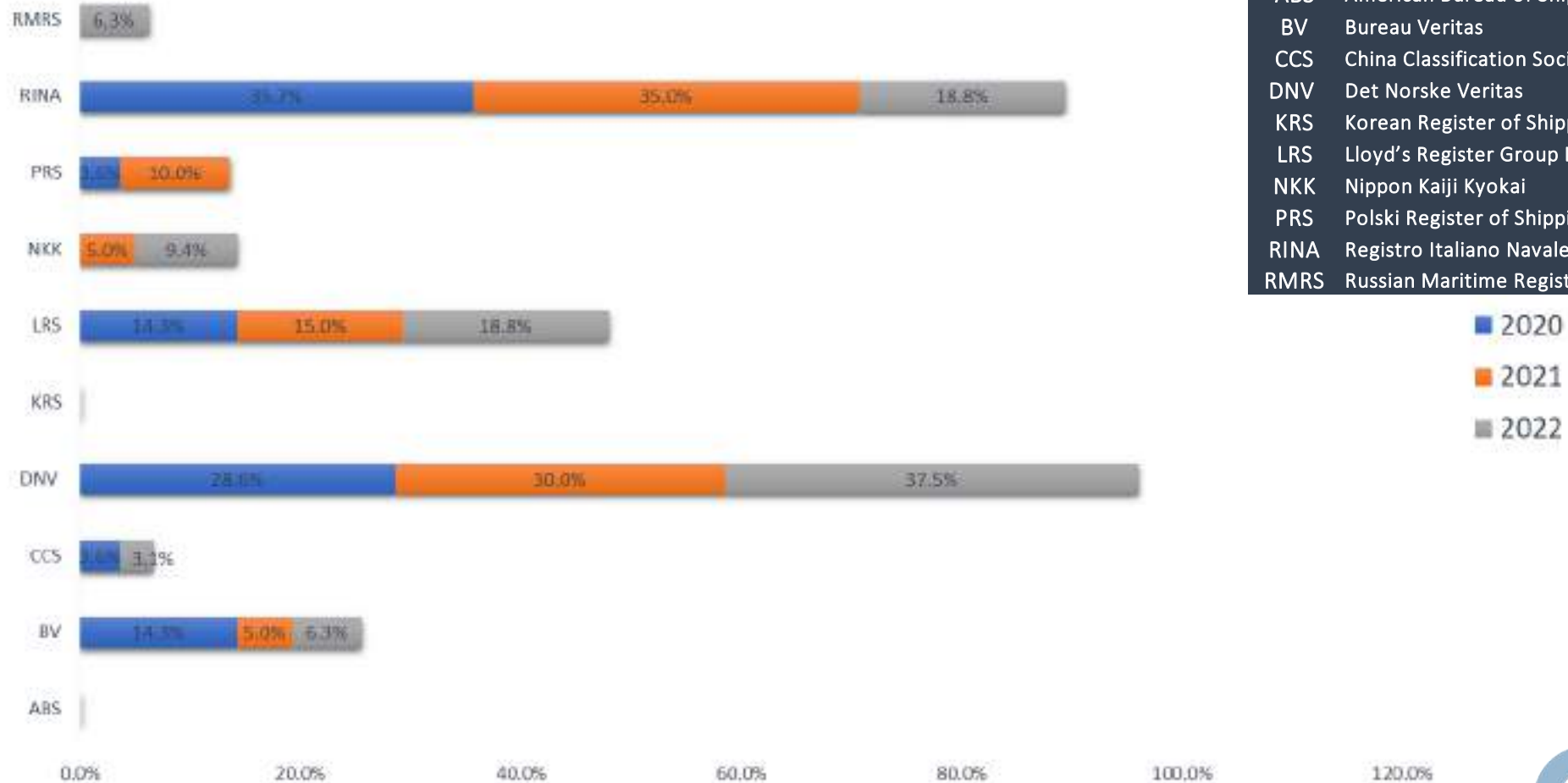


No. of Detentions per Size (Gross Tonnage) 2020-2022





Detention Ratio per Classification Society (%) 2020-2022



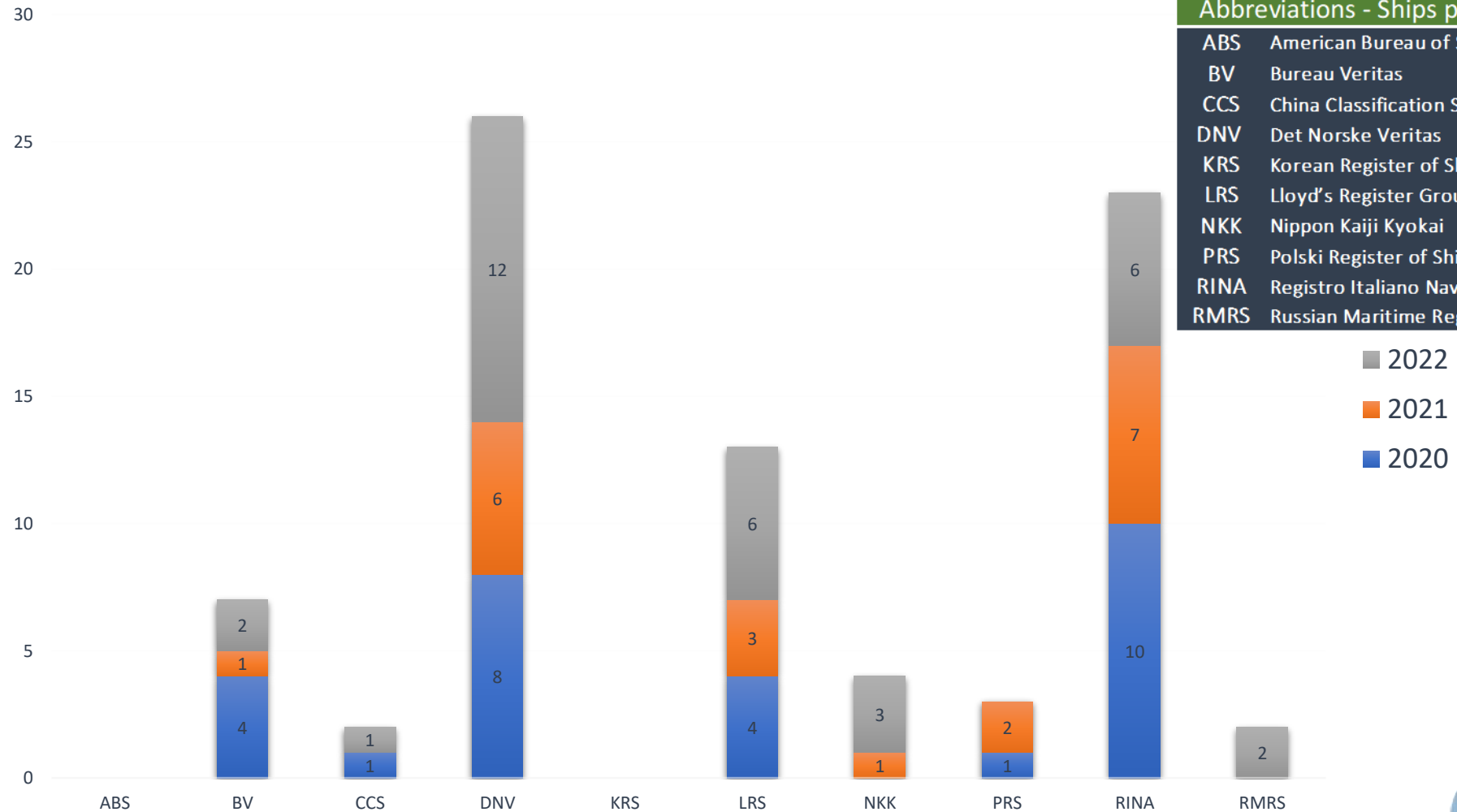
Abbreviations - Ships per Class. Society (%)

ABS	American Bureau of Shipping	4.4
BV	Bureau Veritas	24.9
CCS	China Classification Society	1.3
DNV	Det Norske Veritas	32.4
KRS	Korean Register of Shipping	0.4
LRS	Lloyd's Register Group Limited	16.1
NKK	Nippon Kaiji Kyokai	6.4
PRS	Polski Register of Shipping	1.5
RINA	Registro Italiano Navale	12.6
RMRS	Russian Maritime Register of Shipping	Nil

■ 2020
■ 2021
■ 2022



No. of Detentions per Classification Society 2020-2022

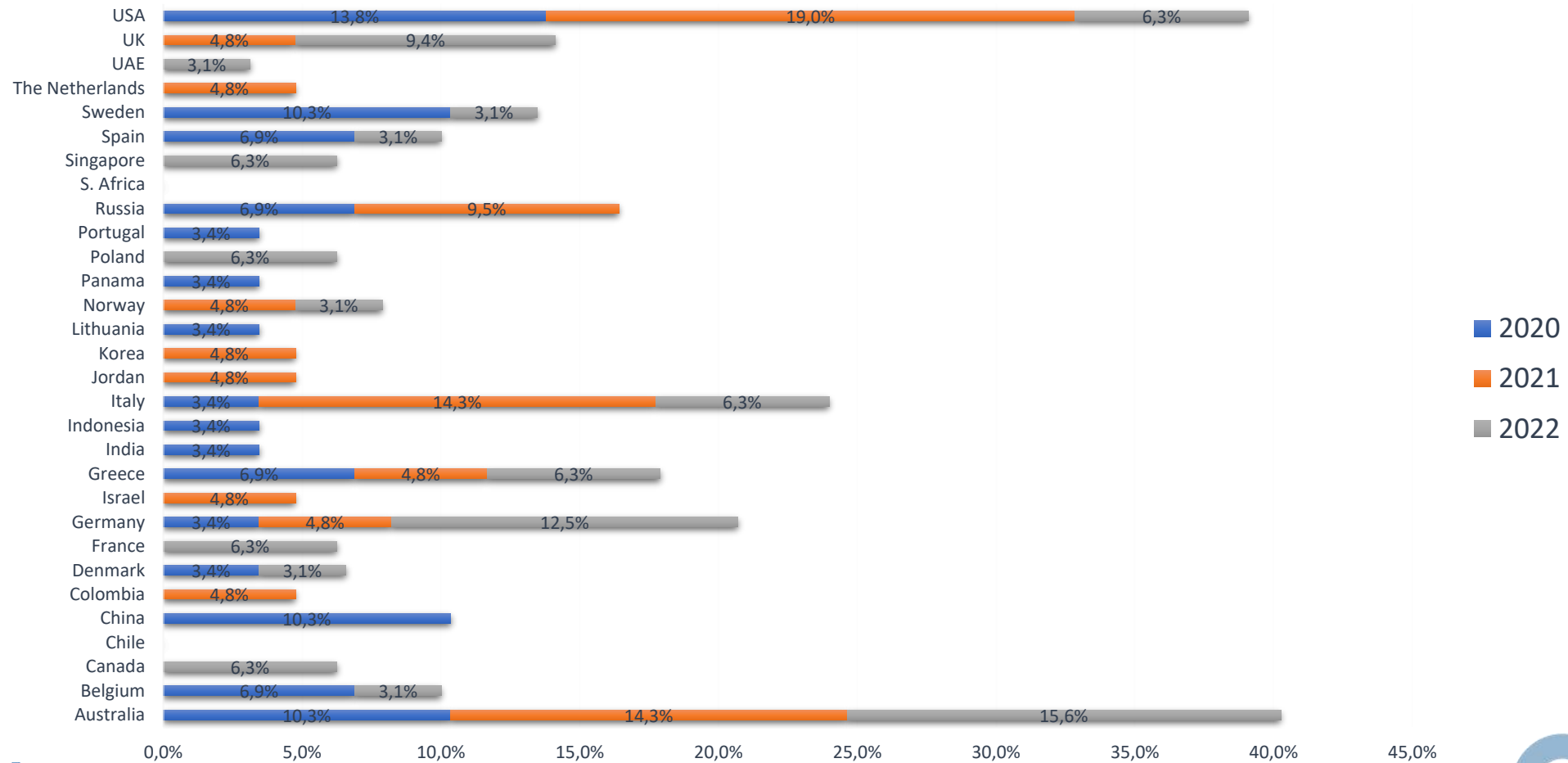


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RINA	Registro Italiano Navale	12.6
RMRS	Russian Maritime Register of Shipping	Nil

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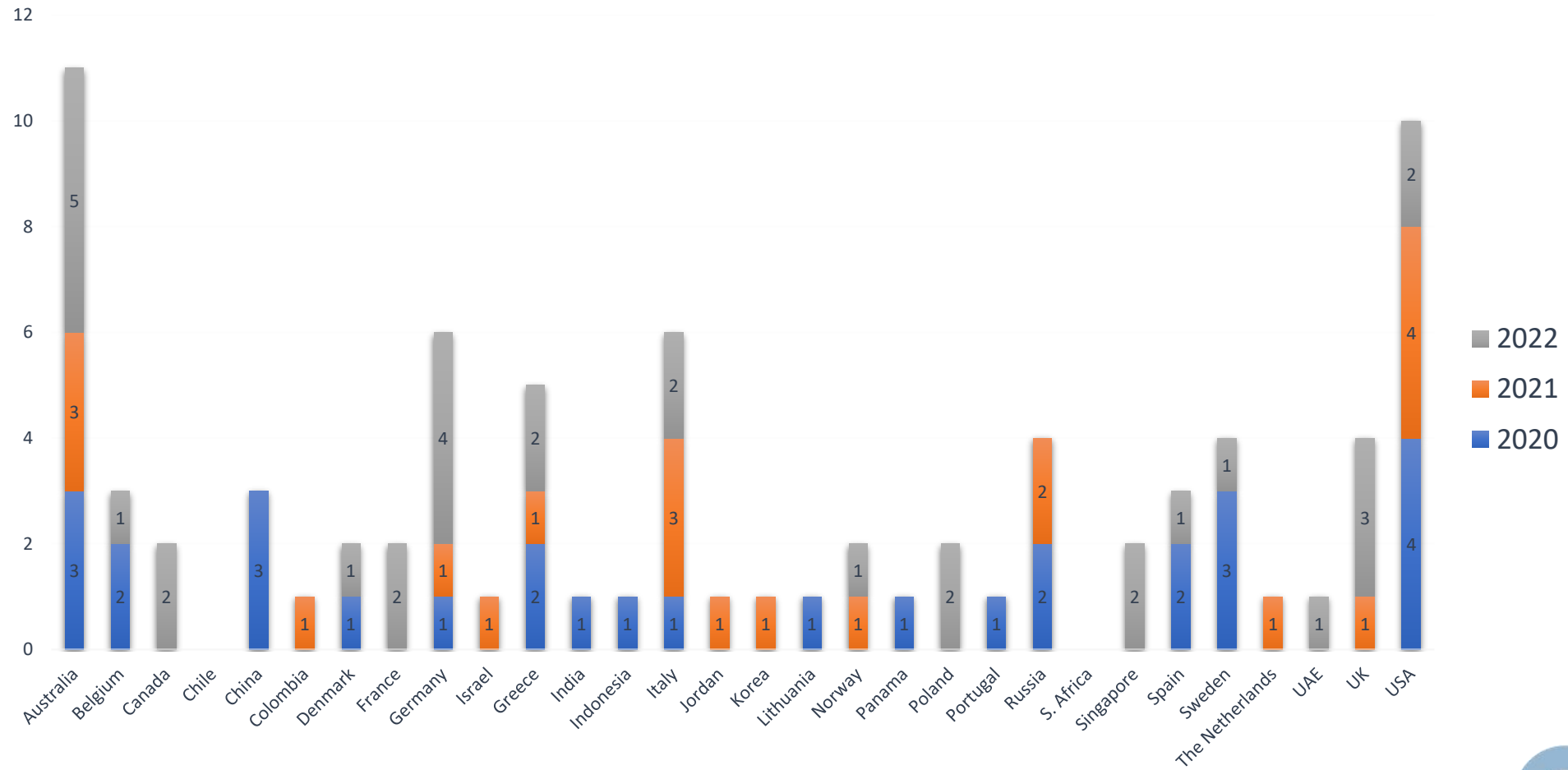


Detention Ratio per Country (%) 2020-2022



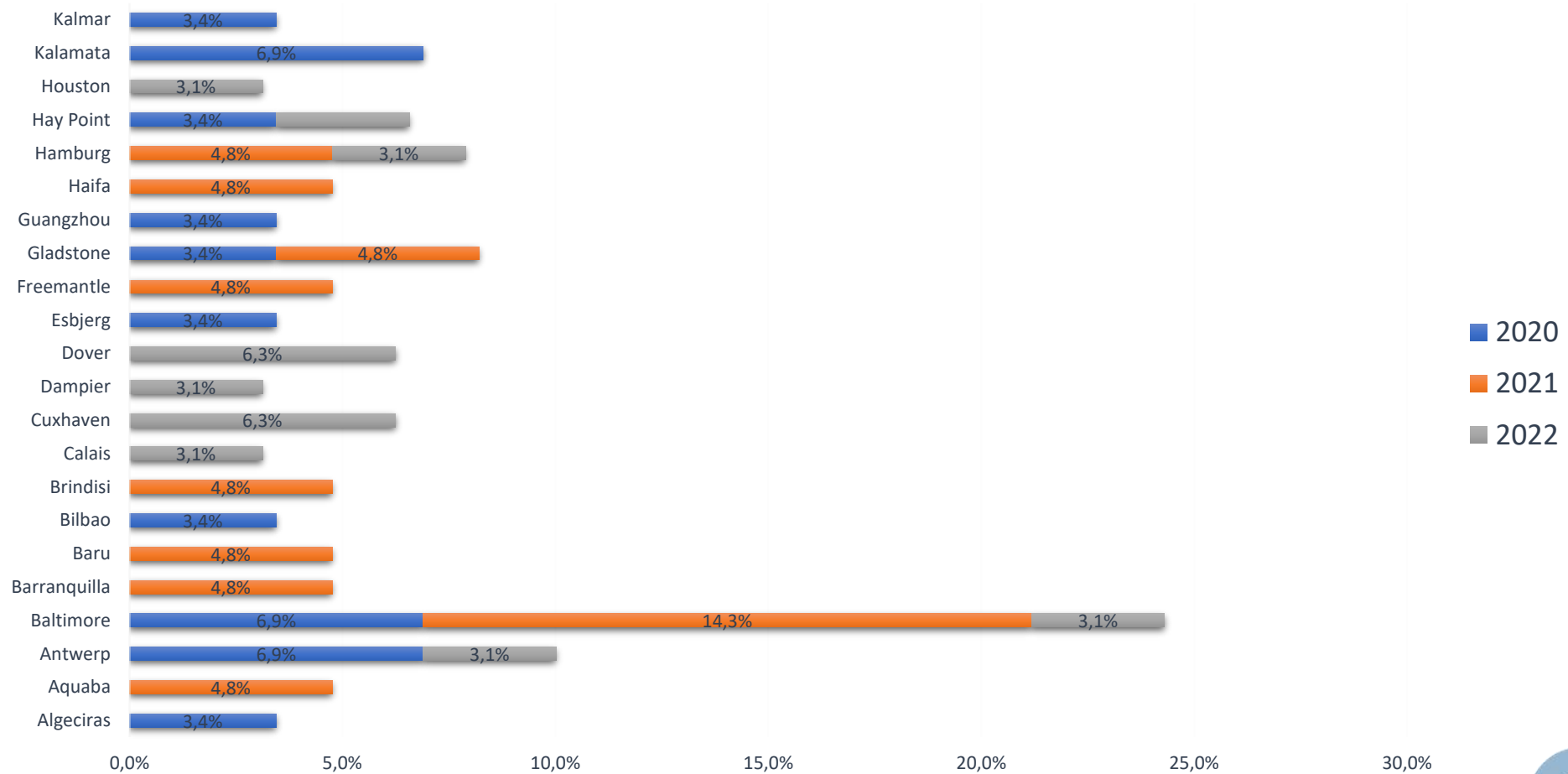


No. of Detentions per Country 2020-2022



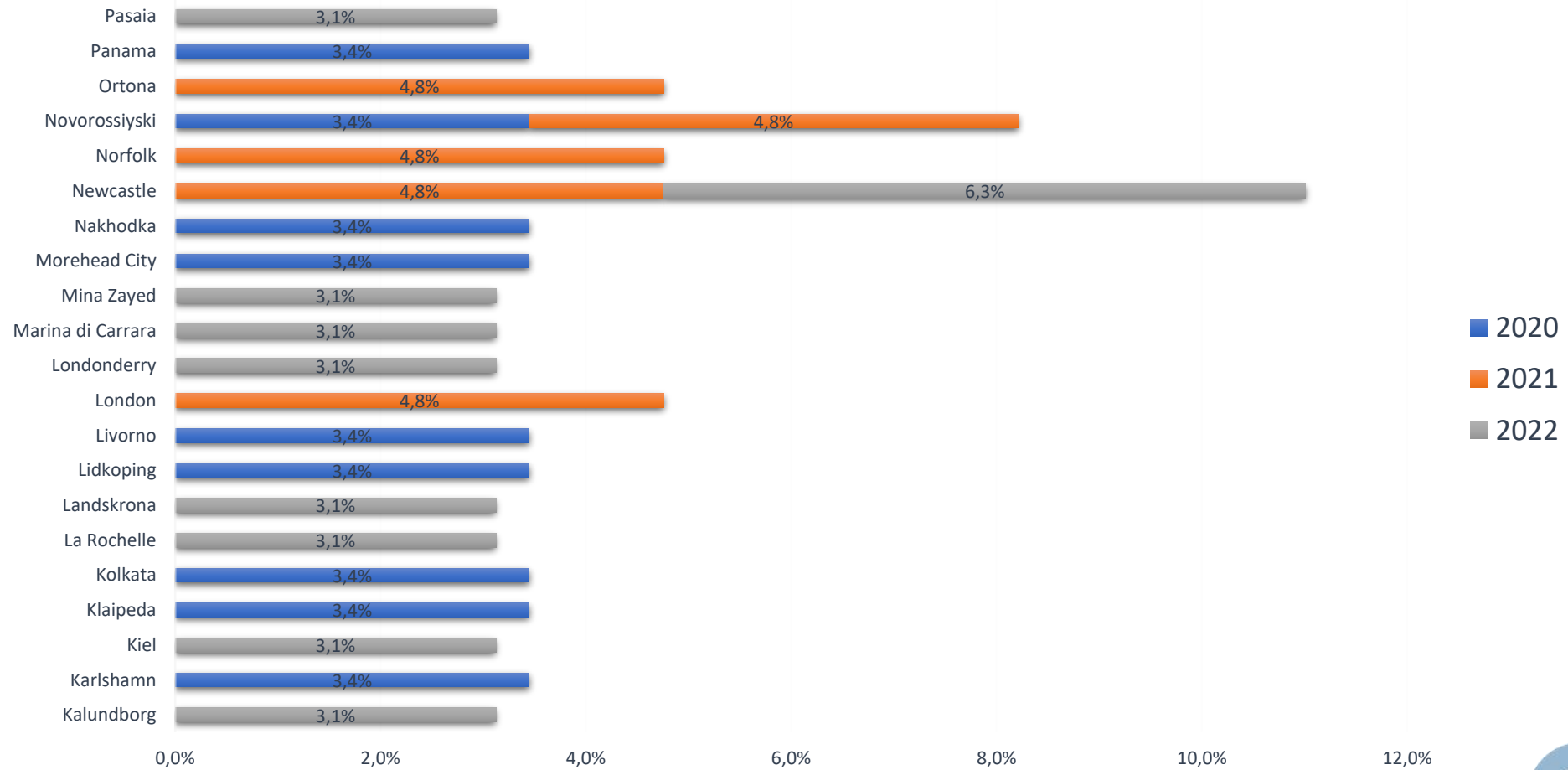


Detention Ratio per Port (%) (A) 2020-2022



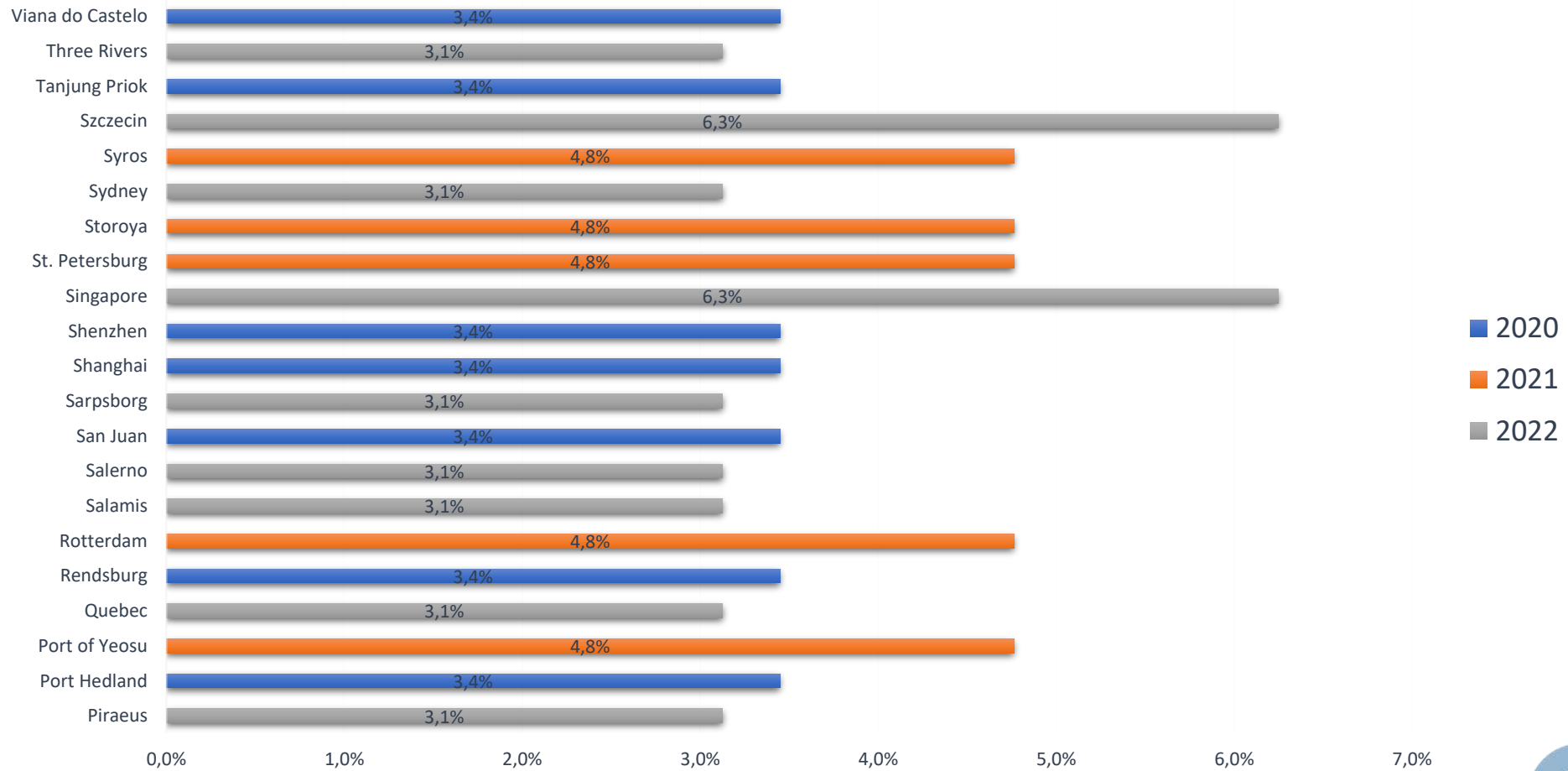


Detention Ratio per Port (%) (B) 2020-2022



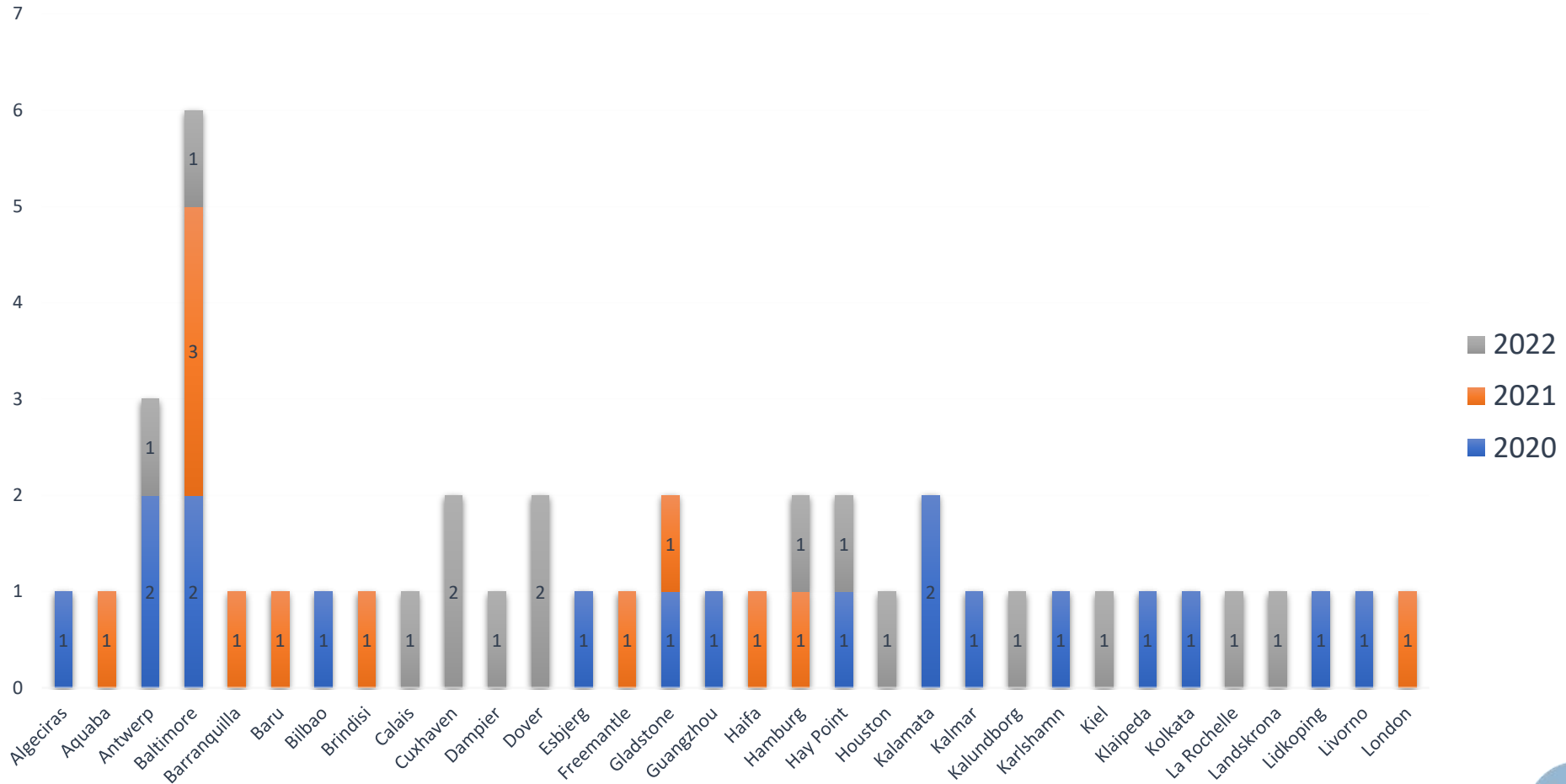


Detention Ratio per Port (%) (C) 2020-2022



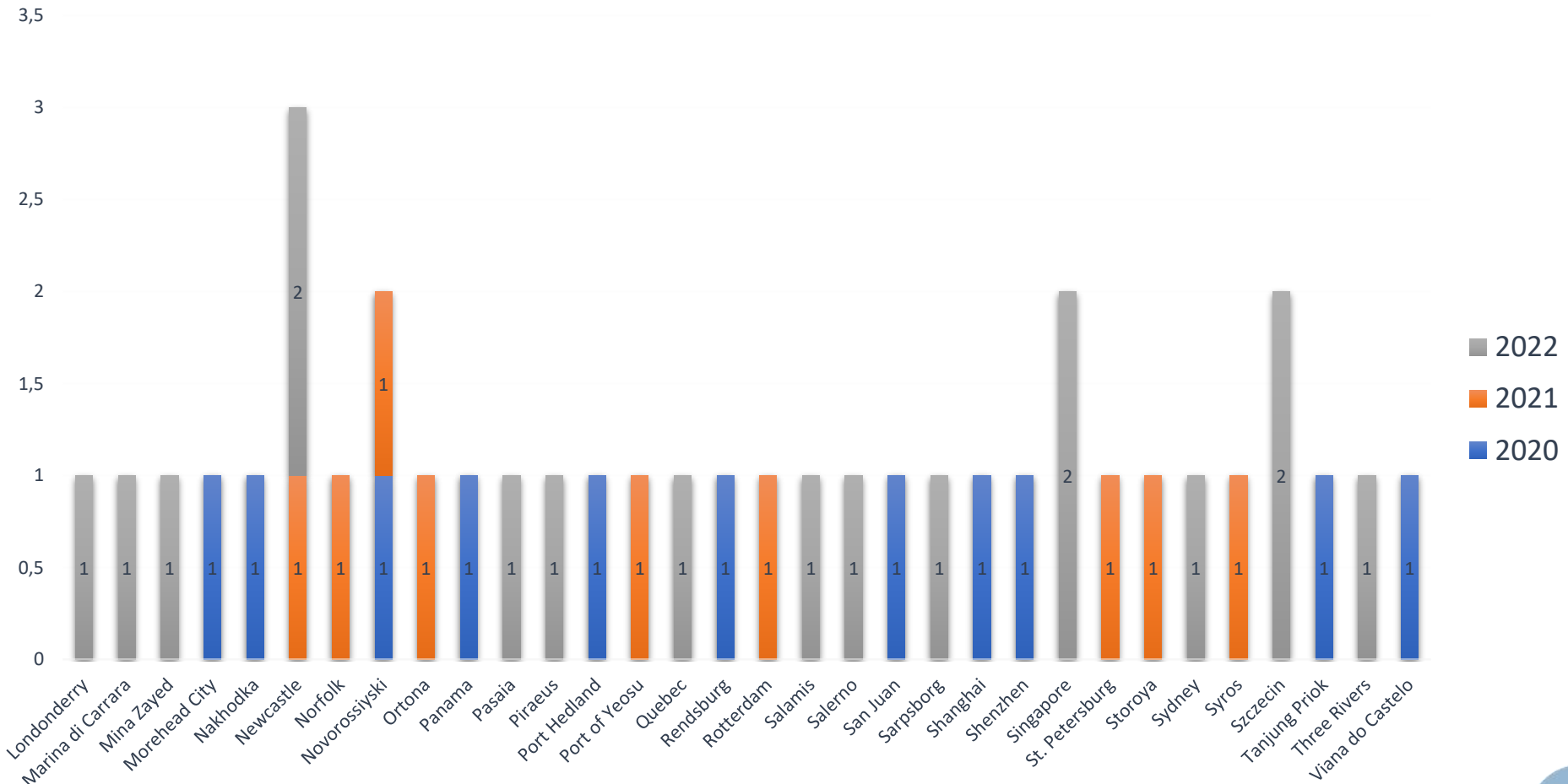


No. of Detentions per Port (A) 2020-2022



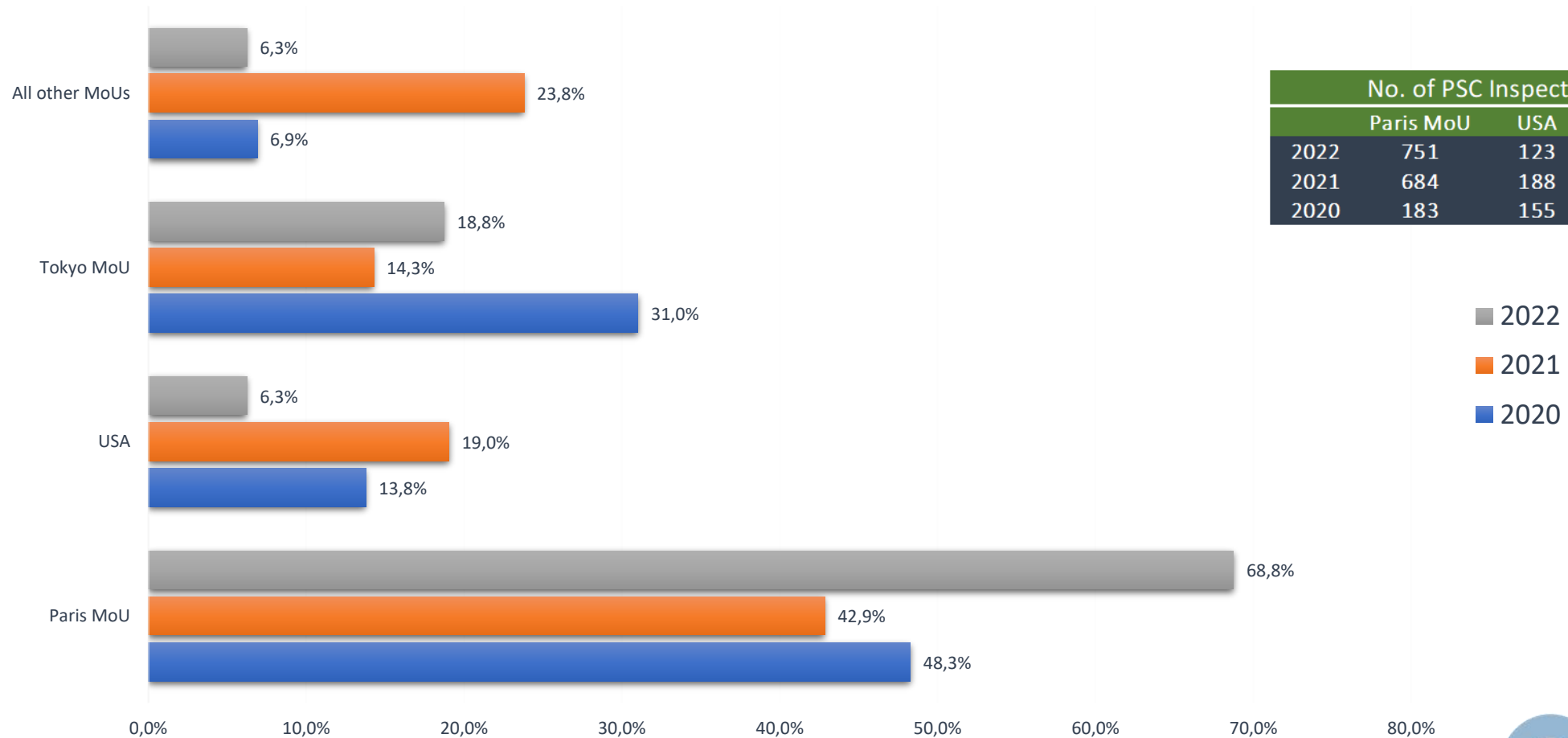


No. of Detentions per Port (B) 2020-2022





Detention Ratio per MoU (%) 2020-2022

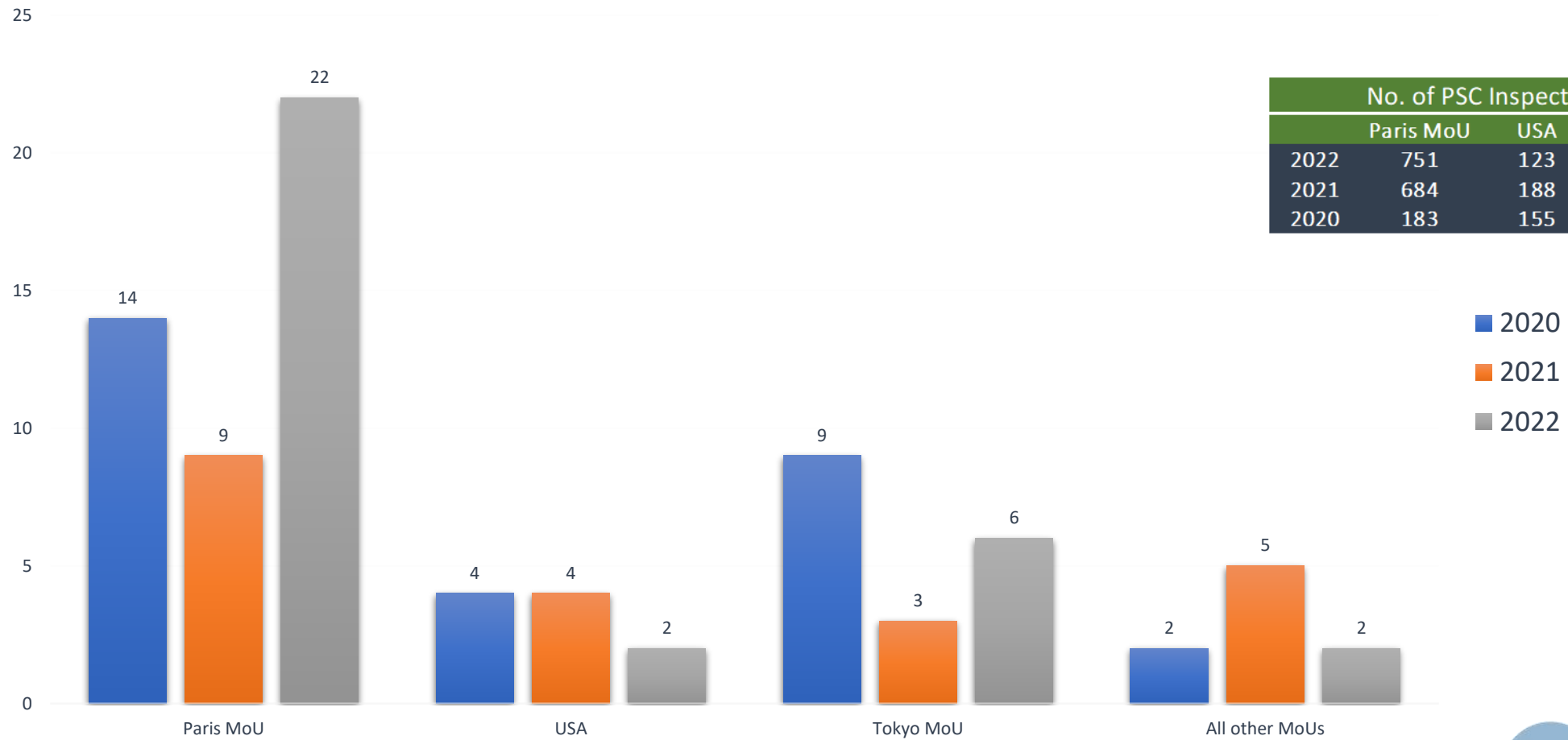


No. of PSC Inspections			
	Paris MoU	USA	Tokyo MoU
2022	751	123	467
2021	684	188	340
2020	183	155	149

■ 2022
■ 2021
■ 2020



No. of Detentions per MoU 2020-2022



No. of PSC Inspections			
	Paris MoU	USA	Tokyo MoU
2022	751	123	467
2021	684	188	340
2020	183	155	149



Statistical Data Analysis Results

- In 2020 & 2021 the number of Port State Control Inspections decreased due to Covid-19 pandemic;
- The Covid-19 pandemic, even though still is on-going situation, does not seem to have a significant impact on ships safety standards;
- Most detentions occurred in Australia and USA;
- Ships aged between 5 to 15 years and over 25 years are more vulnerable to detention;
- Bulk Carriers and General Cargo Ships are more vulnerable to detention;
- Most detainable deficiencies in Paris MoU, Tokyo MoU and US Coast Guard were reported in deficiency category Fire Safety, Life Saving Appliances and ISM.