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## PRESS RELEASE

### Maritime accidents on Greek merchant ships of 100 GRT and over and persons injured on board of ships and in areas of port authorities: 2019

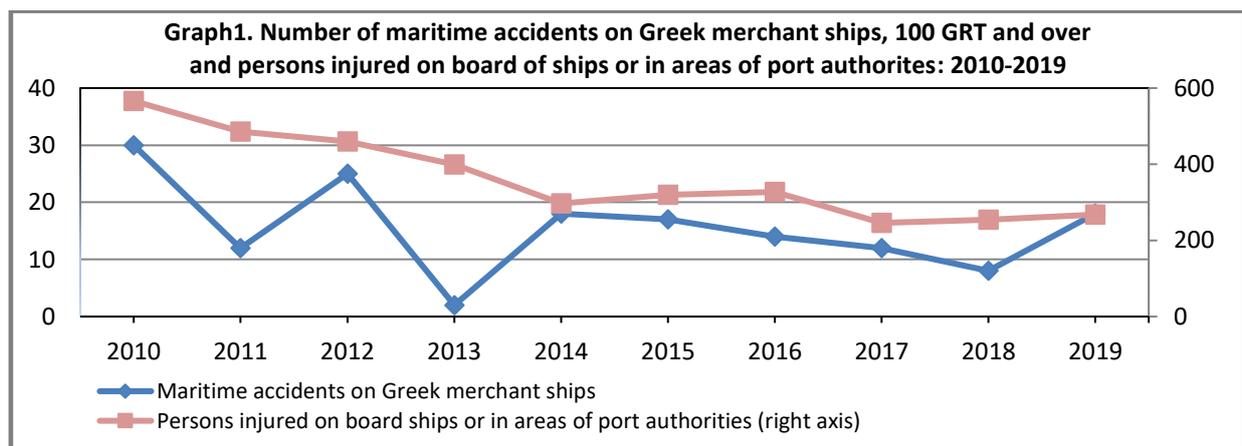
The Hellenic Statistical Authority (ELSTAT) announces the results of the survey on maritime accidents on Greek merchant ships of 100 GRT (Gross Register Tonnage) and over, as well as the results of the survey on persons injured on board of ships and in areas under the competency of port authorities, for the year 2019.

More specifically, as regards the maritime accidents on Greek merchant ships of 100 GRT and over the following are observed:

- In 2019, 18 maritime accidents were recorded on a respective number of Greek merchant ships of a total tonnage of 156,946 GRT. The ships suffering the accidents represent 0.96% of the Greek merchant fleet and 0.37% of the total tonnage (Table 1).
- The biggest share of the above 18 ships that suffered an accident were passenger ships (66.7%) and cargo ships (16.7%) (Graph 2).
- On 9 ships the accidents were due to engine damage, on 4 ships to grounding, on 1 ship to crash and on 4 ships the accidents were due to other causes (Table 2, Graph 3).

As regards the persons injured on board of ships or in areas under the competency of port authorities the following are observed:

- The number of persons who were injured on board of ships or in areas under the competency of port authorities amounted to 268. In 2019 compared with 2018, the total number of injured persons increased by 5.5%. In 2018 in comparison with 2017, the corresponding number of injured persons had increased by 3.3%. In 2019, out of 268 persons who had an accident, 167 (62.3%) got involved in a fatal accident (Table 3, Graph 4).



#### **Information on methodological issues:**

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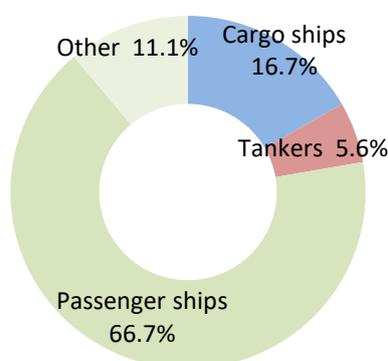
- Out of 167 fatal accidents, 160 occurred in sea areas under the competency of port authorities and 7 on board of the ships. Accordingly, out of 101 non-fatal accidents, 62 occurred in sea areas of port authorities and 39 on board of the ships (Table 3, Graph 4).
- As regards the age of the persons who were injured in 2019 on board of ships or in sea areas, 144 were older than 65 years old, while for the same age group in 2018 and 2017 the corresponding numbers were 166 and 142, respectively (Table 4, Graph 5).
- Out of 46 persons who were injured on board of ships in 2019, 7 persons were fatally injured and 39 were slightly injured (sprain, strain, fracture and other cause). Out of 222 persons who were injured in sea areas under the competency of port authorities, 160 persons were fatally injured (drowning or other cause of death), 34 persons suffered sprain, strain or fracture and 28 other injuries (Table 5, Graph 6).
- The total number of deaths from drowning decreased by 20.6% (from 160 to 127), in 2019 compared with 2018. Similarly, in 2018 compared with 2017 the corresponding number had decreased by 4.2% (from 167 to 160) (Table 5).
- Table 6 presents data on fatal accidents and missing persons from illegal entry in sea areas under the competency of Greek port authorities for the period 2010-2019. These data are not included in Tables 3-5.

**Table 1. Maritime accidents on Greek merchant ships of 100 GRT and over, by ship category: 2019**

Category of ships	Greek merchant fleet		Merchant ships suffering an accident		Percentage (%)	
	Number of ships	Tonnage GRT	Number of ships	Tonnage GRT	Number of ships	Tonnage GRT
<b>Total</b>	<b>1,871</b>	<b>42,509,674</b>	<b>18</b>	<b>156,946</b>	<b>0.96</b>	<b>0.37</b>
<b>Cargo ships</b>	413	12,202,488	3	9,773	0.73	0.08
<b>Tankers</b>	499	28,902,497	1	57,062	0.20	0.20
<b>Passenger ships</b>	698	1,314,817	12	89,566	1.72	6.81
<b>Other <sup>(1)</sup></b>	261	89,872	2	545	0.77	0.61

(1) i.e.: towage, salvage, cable ships, fishing-boats, etc.

**Graph 2. Maritime accidents on Greek merchant ships of 100 GRT and over, by ship category: 2019**

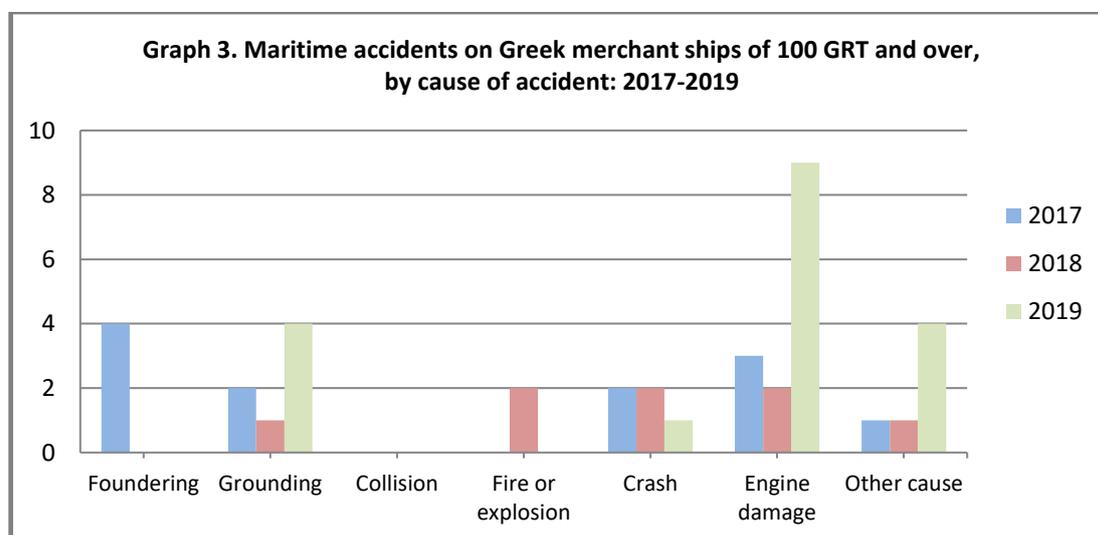


**Table 2. Maritime accidents on Greek merchant ships of 100 GRT and over, by cause of the accident: 2017-2019**

	2017		2018		2019	
	Number of Ships	Tonnage GRT	Number of Ships	Tonnage GRT	Number of Ships	Tonnage GRT
<b>Total</b>	<b>12</b>	<b>82,999</b>	<b>8</b>	<b>46,453</b>	<b>18</b>	<b>156,946</b>
<b>Foundering <sup>(1)</sup></b>	4	2,812	0	0	0	0
<b>Grounding</b>	2	39,309	1	886	4	872
<b>Collision</b>	0	0	0	0	0	0
<b>Fire or explosion</b>	0	0	2	40,081	0	0
<b>Crash</b>	2	9,447	2	2,114	1	26,172
<b>Engine damage <sup>(2)</sup></b>	3	3,031	2	3,246	9	123,924
<b>Other cause</b>	1	28,400	1	126	4	5,978

(1) Including abrupt foundering of unidentified cause.

(2) Including damage of propeller or boiler.

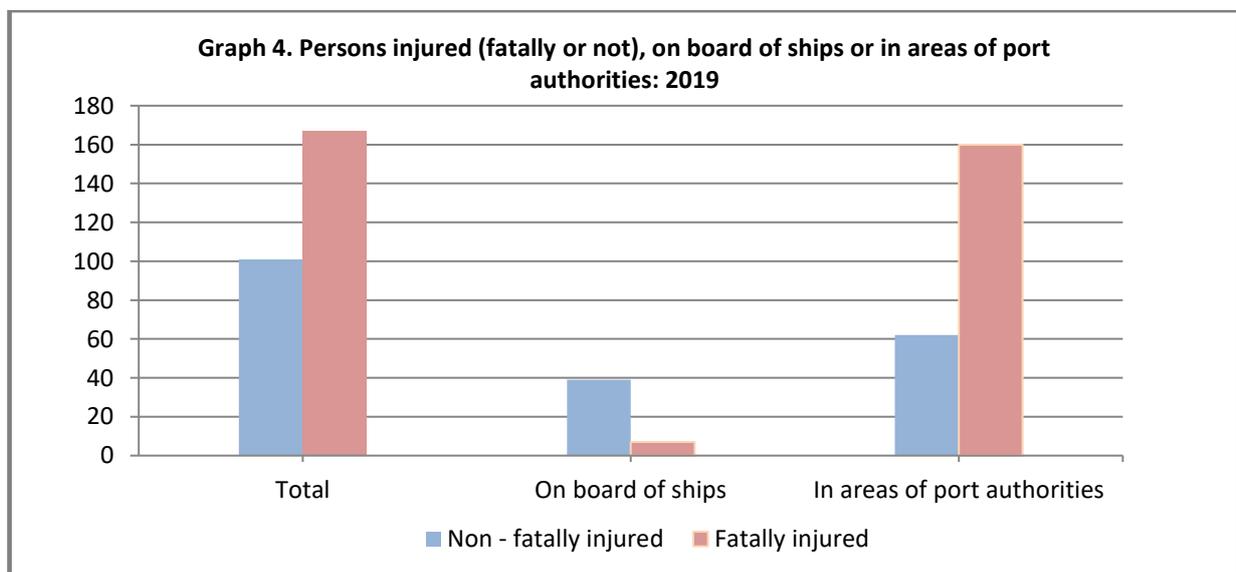


**Table 3. Persons injured (fatally or not), by category of ship <sup>(1)</sup> or in areas of port authorities: 2017-2019**

	2019		Total			Change (%)	
	Persons injured		2017	2018	2019	2018/2017	2019/2018
	Non-fatally injured	Fatally injured					
<b>Total</b>	<b>101</b>	<b>167</b>	<b>246</b>	<b>254</b>	<b>268</b>	<b>3.3</b>	<b>5.5</b>
<b>On board of ships</b>	<b>39</b>	<b>7</b>	<b>30</b>	<b>20</b>	<b>46</b>	<b>-33.3</b>	<b>130.0</b>
Cargo ships	7	0	5	2	7	-60.0	250.0
Tankers	1	1	2	2	2	0.0	0.0
Passenger ships	28	3	18	15	31	-16.7	106.7
Other <sup>(2)</sup>	3	3	5	1	6	-80.0	500.0
<b>In areas of port authorities</b>	<b>62</b>	<b>160</b>	<b>216</b>	<b>234</b>	<b>222</b>	<b>8.3</b>	<b>-5.1</b>
Ports	24	10	29	21	34	-27.6	61.9
Shipyards	0	0	0	0	0	0.0	0.0
Coast	38	150	187	213	188	13.9	-11.7

(1) Including persons injured on merchant ships or any other floating means.

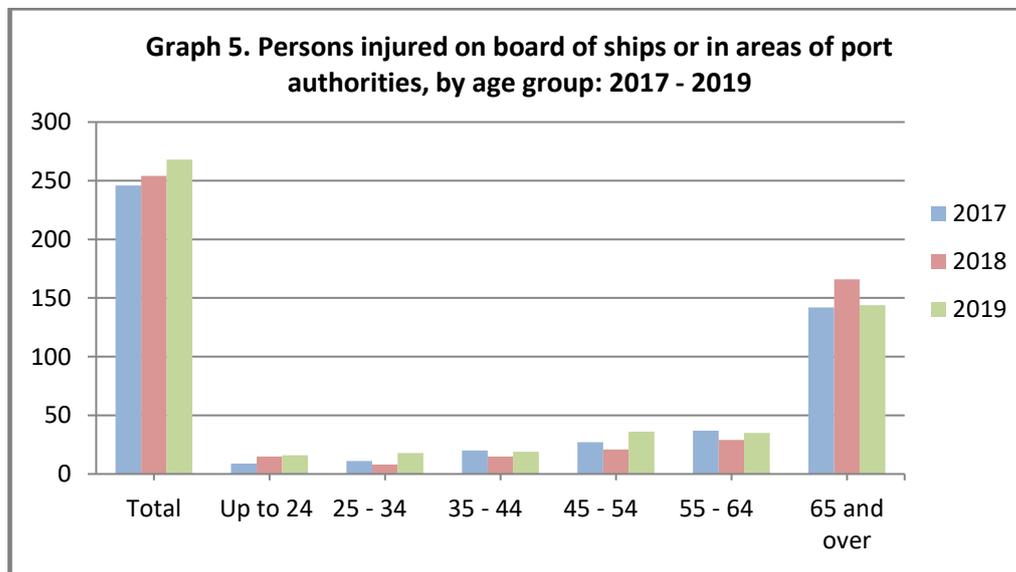
(2) I.e.: towage, salvage ships, fishing boats, yachts and other ships and boats.



**Table 4. Persons injured on board of ships <sup>(1)</sup> or in areas of port authorities, by age group: 2017 - 2019**

Age groups (years)	2017	2018	2019	Change (%)	
				2018/2017	2019/2018
<b>Total</b>	<b>246</b>	<b>254</b>	<b>268</b>	<b>3.3</b>	<b>5.5</b>
Up to 24	9	15	16	66.7	6.7
25 - 34	11	8	18	-27.3	125.0
35 - 44	20	15	19	-25.0	26.7
45 - 54	27	21	36	-22.2	71.4
55 - 64	37	29	35	-21.6	20.7
65 and over	142	166	144	16.9	-13.3

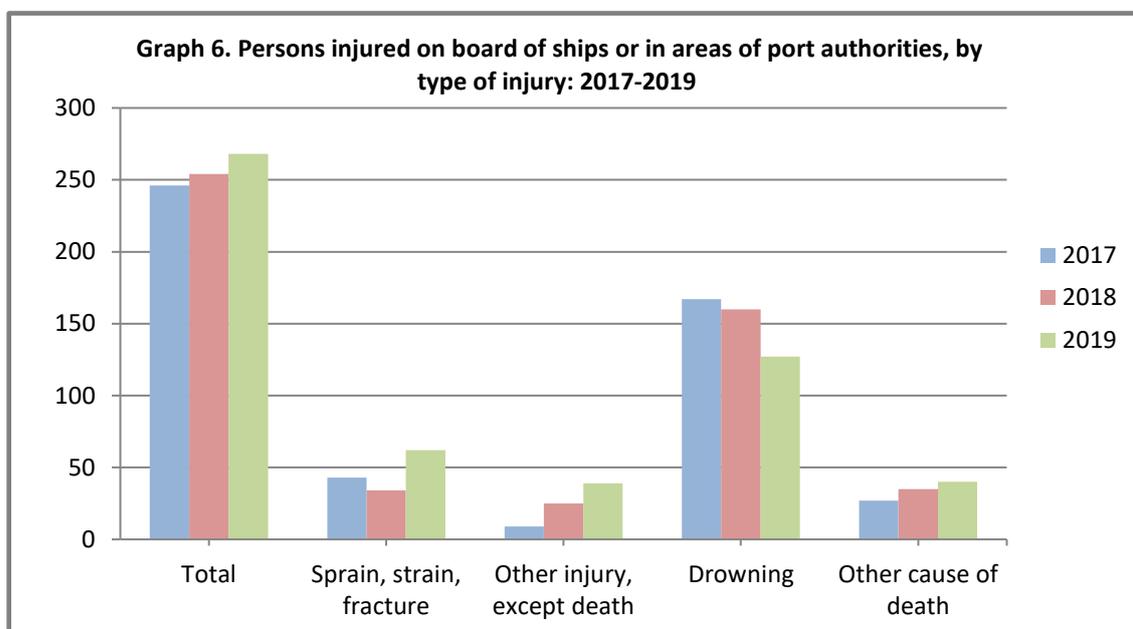
(1) Including persons injured on merchant ships or any other floating means.



**Table 5. Persons injured on board ships <sup>(1)</sup> or in areas of port authorities, by type of injury: 2017-2019**

	2019		Total			Change (%)	
	Persons injured		2017	2018	2019	2018/2017	2019/2018
	on board of ships	in areas of port authorities					
<b>Total</b>	<b>46</b>	<b>222</b>	<b>246</b>	<b>254</b>	<b>268</b>	<b>3.3</b>	<b>5.5</b>
Sprain, strain, fracture	28	34	43	34	62	-20.9	82.4
Other injury, except death	11	28	9	25	39	177.8	56.0
Drowning	1	126	167	160	127	-4.2	-20.6
Other cause of death	6	34	27	35	40	29.6	14.3

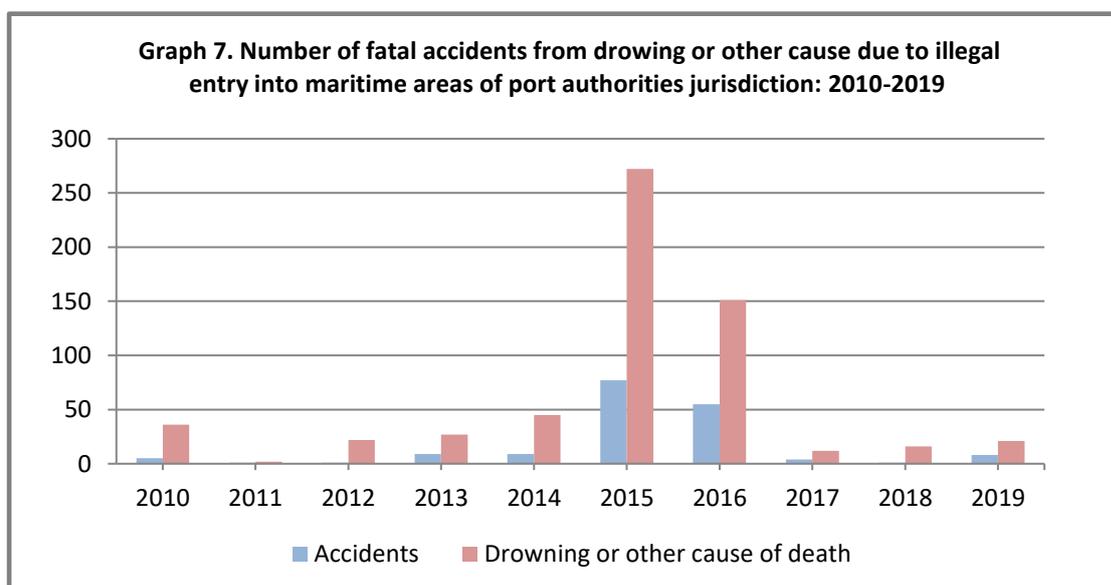
(1) Including persons injured on merchant ships or any other floating means.



**Table 6. Number of fatal accidents and deaths from drowning or other cause and number of accidents with missing persons, due to illegal entry into maritime areas of Greek port authorities jurisdiction: 2010-2019**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Number of fatal accidents</b>	5	1	1	9	9	77	55	4	1	8
<b>Drowning or other cause of death</b>	36	2	22	27	45	272	151	12	16	21
<b>Number of accidents with missing persons</b>	2	3	1	4	5	21	5	2	1	0
<b>Missing persons</b>	6	24	6	10	19	152	27	10	3	0

Source: Headquarters of Port Authorities, Ministry of Shipping and Island Policy.



## EXPLANATORY NOTES

- Survey on shipping casualties and on persons injured in maritime accident** The surveys on maritime accidents on Greek merchant ships 100 GRT and over and on persons injured on board of ships or in areas under the competency of port authorities are conducted since 1975 on an annual basis. The purpose of the surveys is to fully record maritime accidents of Greek merchant ships 100 GRT and over, which took place during the journey or during the ship's entering the port or uploading of cargo as well as and, to fully record the accidents (various injuries) of persons on board and accidents of persons in the sea, which took place in a port or on the coast area under the competency of the port authorities.
- Legal framework** The surveys are conducted pursuant to the provisions of the Permanent Circular of the Ministry of Economy and Finance and the National Statistical Service of Greece (NSSG) dated 16/1/1975, which was replaced by the Permanent Joint Circular dated 15/4/1998, with retroactive effect since 1/1/1998.
- Reference Period** The results of the survey refer to the year 2019.
- Coverage** The survey covers the maritime accidents of Greek merchant ships of 100 GRT and over that were recorded by the domestic port authorities. Maritime accidents of Greek merchant ships that occurred abroad were recorded by the corresponding consulates and sent to the port authority of Piraeus. Besides, the survey covers persons injured on board of the ships and in the port or on the coast areas under the competency of the port authorities. Particularly, it covers all cases of casualties for which a preliminary inquiry is conducted by the competent port authorities.
- Definitions**
- Ship:** Seagoing self-propelled vessel, of at least ten NRT, designed for the carriage of goods, transport of passengers, for fishing, towing or especially fitted out for other maritime activities.
- Accidents of persons:** Refers to accidents that result to contusion, strain, fracture, burn or scald, amputation, cerebral contusion, caisson disease, drowning and other cause of death.
- Merchant ship:** Seagoing self-propelled vessel, of at least ten NRT, designed for the carriage of goods, transport of passengers, for fishing, towing or especially fitted out for other maritime activities.
- Greek merchant fleet:** The total number of the merchant ships under Greek flag. The Greek flag carried by these ships means that all their maritime activities (subsidies for ship building, cargo limitations and other tax provisions) are governed by commercial and economic rules which are laid down by the respective Greek authorities.
- Gross Register Tonnage (GRT):** unit of measurement of the total volume in cubic feet of the spaces within the hull and of the enclosed spaces above the deck which are available for carrying goods, food, passengers and crew. It equals to the volume of 100 cubic feet or 2.83 m<sup>3</sup>.
- Methodology** The domestic port authorities report to ELSTAT information about the maritime accidents of Greek merchant ships 100 GRT and over and about the persons injured on board of ships or in areas of port authorities. The information includes the name of ship, tonnage group, registration port, ship's category, whether it was loaded or in ballast, whether the accident was caused by intention or negligence, personal data of the person responsible for the accident, marine region, weather conditions, visibility, date of the accident, damage of the ship or injury/death of a person and cause of the accident. Information that is collected for the persons injured on board of ships or in areas

of port authorities, include the sex, the year of birth, the place of birth, the citizenship, the marital status, the occupation, where exactly the accident occurred, the date of the accident, who was responsible for the accident, the cause of the accident, the direct impact of the accident, the type of body injury. Additionally, information is recorded regarding accidents and missing persons who entered the country illegally that is sent to ELSTAT by the Headquarters of Port Authorities, Ministry of Shipping and Island Policy.

**References** More information (tables, graphs) concerning the survey on maritime accidents of the Hellenic merchant ships can be found on the webpage of ELSTAT ([www.statistics.gr](http://www.statistics.gr)), at the link: <https://www.statistics.gr/el/statistics/-/publication/SMA34>