

STATE OF THE WATERWAY - 2023



U. S. PORT RANKINGS 2021 (by total tonnage)

(Millions of Short Tons – 2021 ACOE data)



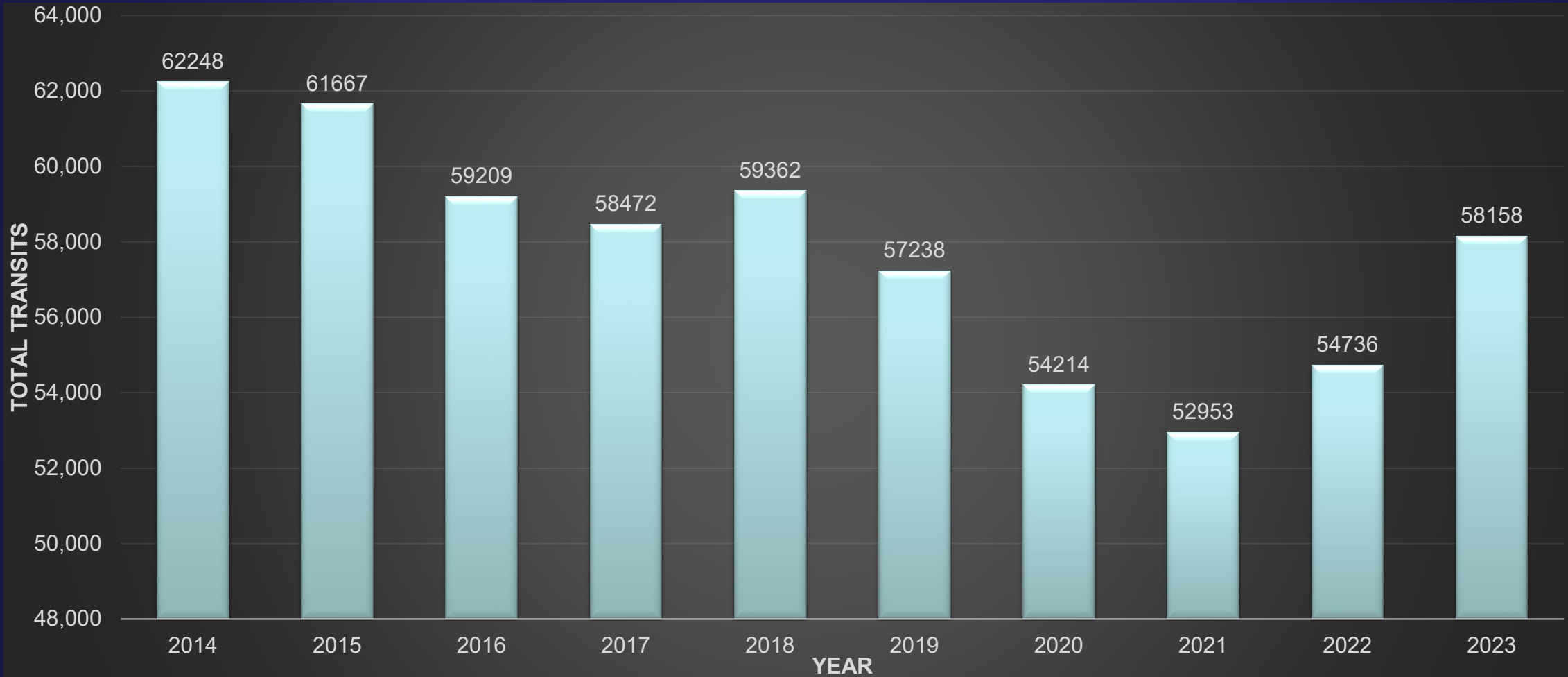
Port	Tons	% Diff since 2020	Port	Tons	% Diff since 2020
1 Houston, TX	266.5	-3.4	20 Northern Indiana District, IN	30.3	22.6
2 Port of S. Louisiana, LA	224.7	-0.2	21 Tampa, FL	30.0	5.3
3 Corpus Christi, TX	164.4	9.1	22 Charleston, SC	28.4	13.8
4 New York, NY and NJ	142.3	15.1	23 Texas City, TX	28.0	-17.1
5 Long Beach, CA	91.5	15.6	24 Valdez, AK	25.5	1.5
6 New Orleans, LA	89.5	10.4	25 Portland, OR	24.5	9.6
7 Beaumont, TX	74.6	5.7	26 Southern Indiana District, IN	24.2	-0.8
8 Baton Rouge, LA	71.2	-0.6	27 Port of Pascagoula, MS	23.8	2.9
9 Port of Virginia	64.5	11.1	28 Port Everglades, FL	23.7	16.2
10 Los Angeles, CA	64.3	8.1	29 Tacoma, WA	23.4	8.3
11 Plaquemines, LA	52.7	12.7	30 Seattle, WA	22.9	-0.2
12 Mobile, AL	50.3	1.6	31 Richmond, CA	20.9	-0.9
13 Lake Charles, LA	48.3	12.2	32 South Jersey Port District	20.2	-0.3
14 Savannah, GA	47.7	9.7	33 Oakland, CA	18.9	-2.8
15 Freeport, TX	42.2	9.0	34 Port of Kalama, WA	18.4	1.4
16 Port Arthur, TX	40.2	-2.4	35 Jacksonville, FL	17.4	4.3
17 Baltimore, MD	37.4	6.4	36 Pittsburgh, PA Port of	16.4	5.8
18 Duluth/Superior, MN/WI	32.5	29.5	37 Two Harbors, MN	15.8	16.8
19 Philadelphia Regional Port	30.7	7.5	38 Honolulu, O'ahu, HI	14.8	20.3
			112 Orange, TX	2.3	-43.5

VTS Total Transits – 2023

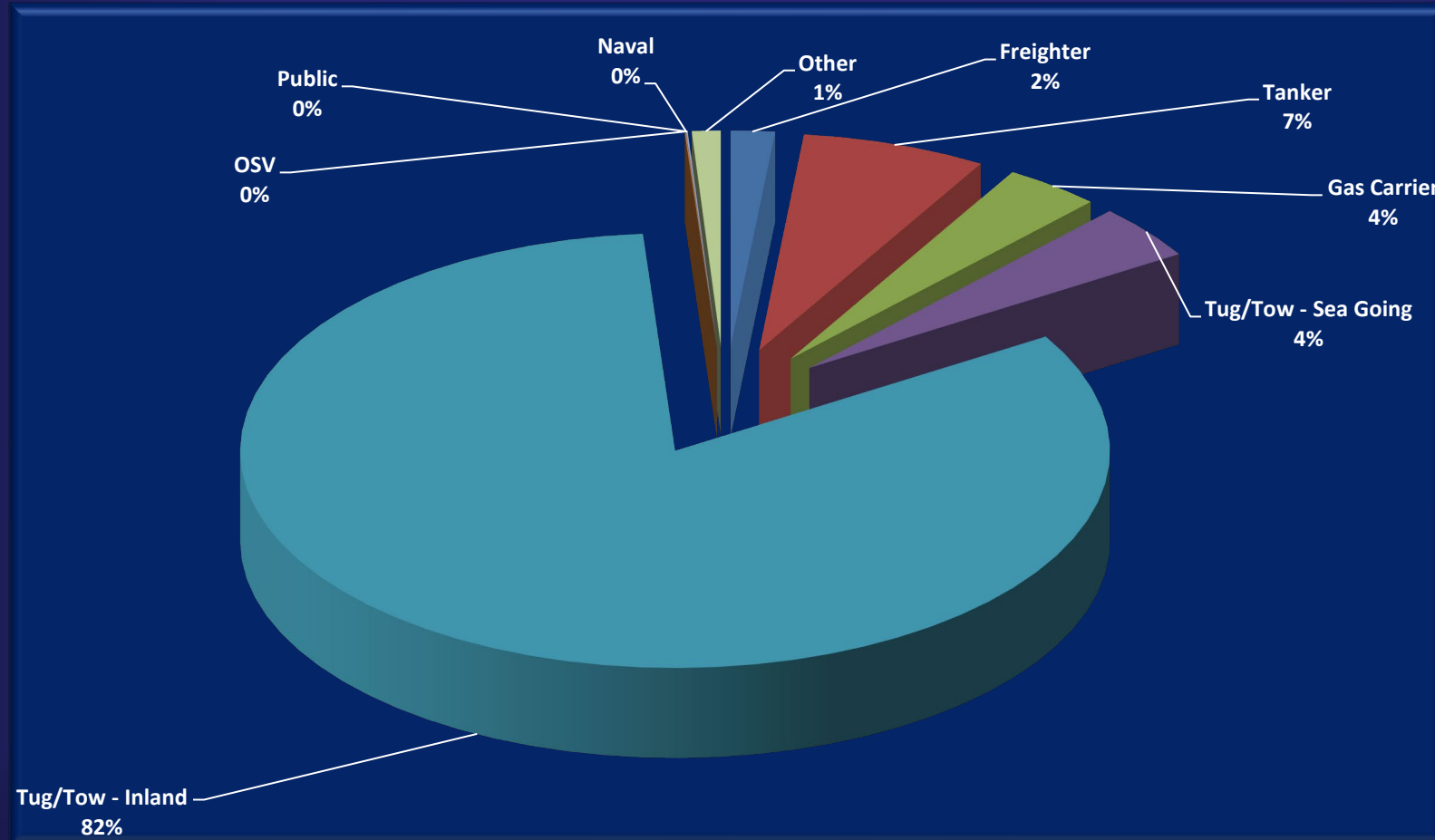


	<u>2022</u>	<u>2023</u>	<u>% Change</u>
Freighter	1048	959	- 8.5 %
Tanker	3644	4004	+ 9.9 %
Gas	1830	2106	+ 15.1 %
Tug	1837	2367	+ 28.9 %
Inland Tow	45,951	48,035	+ 4.5 %
Other	426	687	+ 57.5 %
Total	54,736	58,158	+ 6.25%

Total Transits 2014 – 2023



TRANSIT SUMMARY by Percentage – 2023



2023 TYPICAL DAY IN THE VTSA



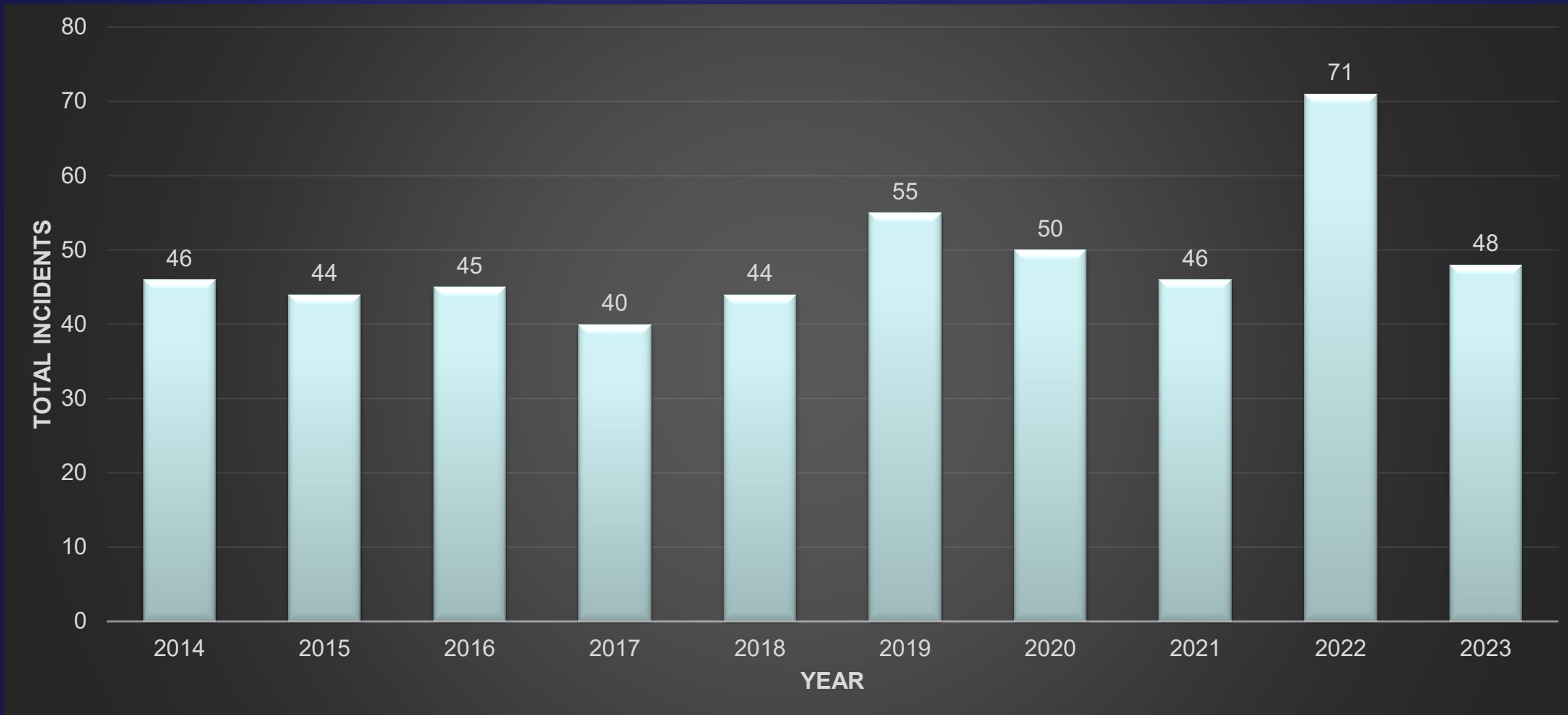
	2022	2023
TANKER TRANSITS	10.0	11.0
FREIGHTER TRANSITS	2.9	2.6
GAS CARRIER TRANSITS	5.0	5.8
TUG (Sea-Going)	5.0	6.5
TOW TRANSITS	124.0	131.6
OSV / OTHER TRANSITS	1.2	1.9

INCIDENTS BY TYPE – 2023



	<u>2022</u>	<u>2023</u>
COLLISIONS	6	3
• Inland / Inland	1	1
• Ship / Inland	4	1
• Inland / Dredge	1	1
ALLISIONS	10	8
• Reported ATON Knockdowns	6	2
• Bridge allisions (air draft)	2	3
• While maneuvering close	1	2
• West Jetty Base	0	1
GROUNDINGS	10	4
• 2 Inland / 1 F/V / 1 Tug		
MECHANICAL FAILURE *	36	20
MISCELLANEOUS	9	13
• Wake Damage	3	2
• Breakaway (3 barges)	2	3
• Near Miss	3	3
• Other	0	5
	71	48

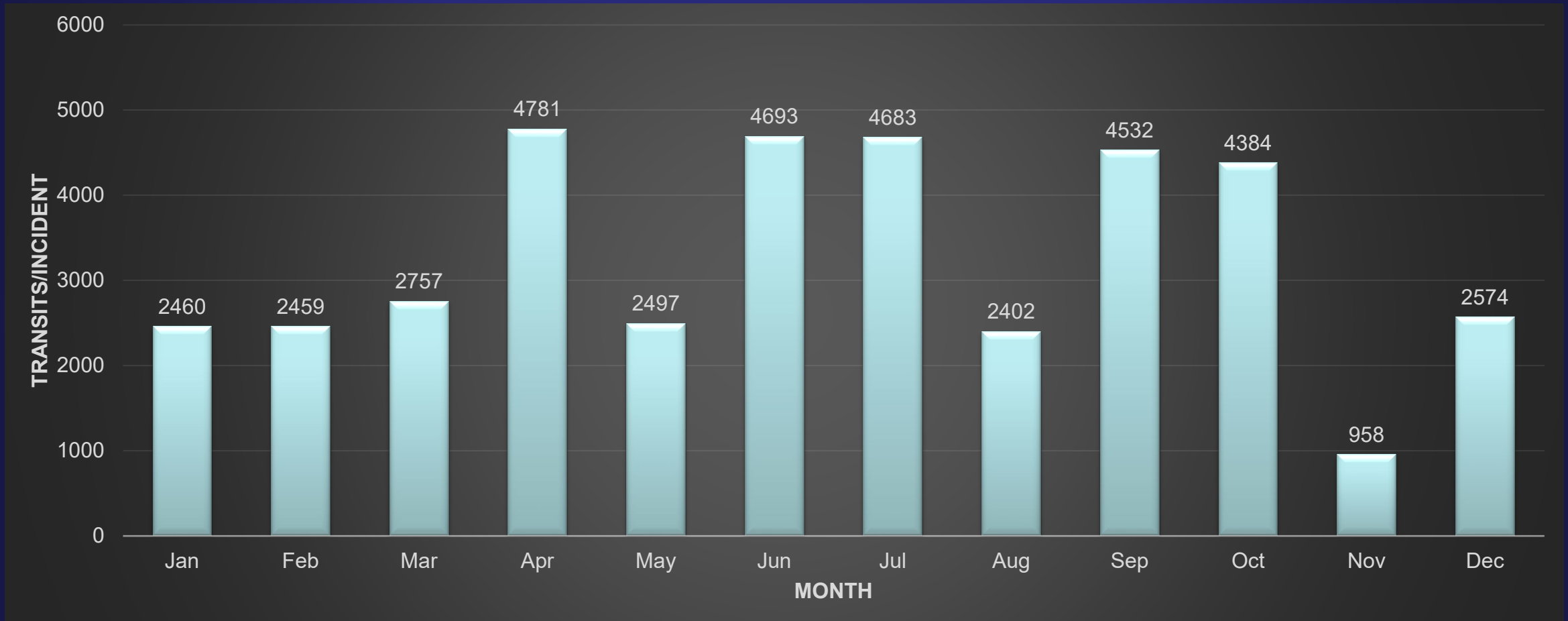
Total Incidents 2014-2023



Transits per Navigation Incident by Month 2023



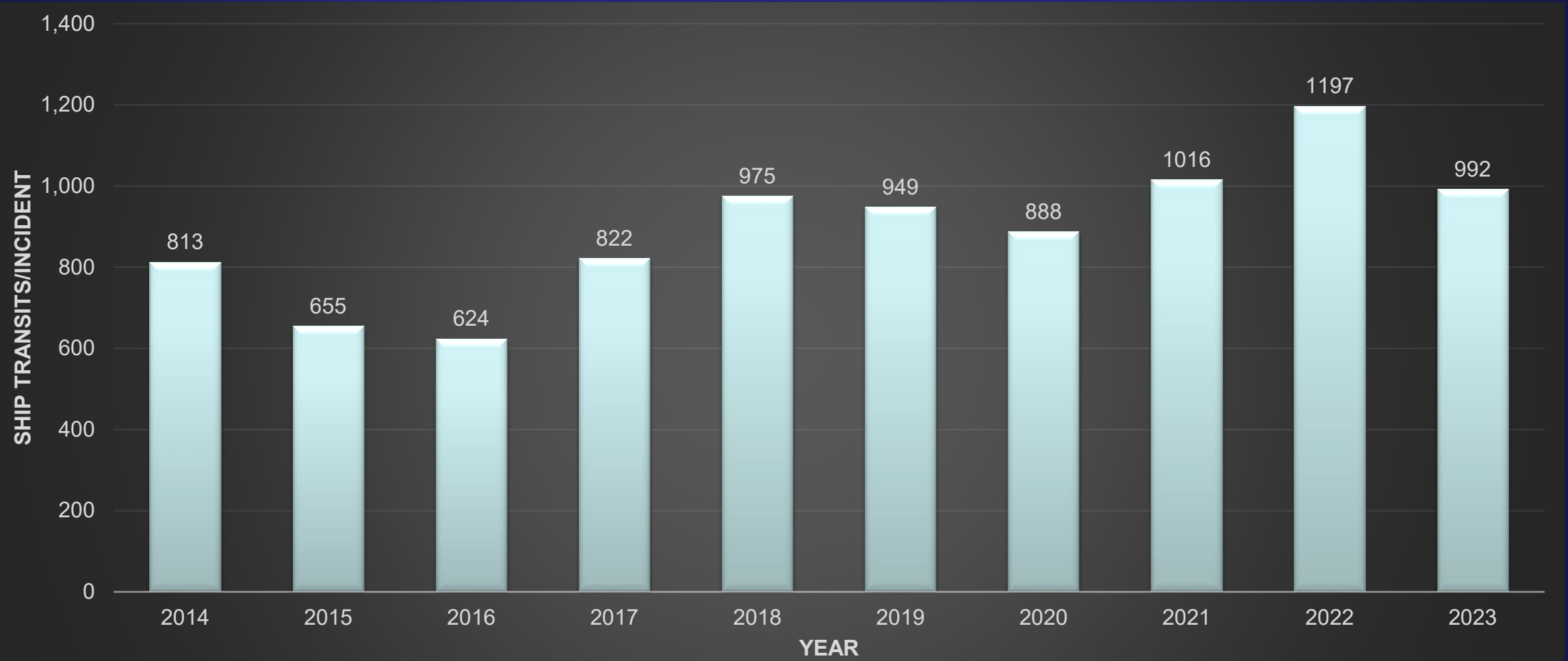
(Allisions, Collisions, Groundings and Wake Damages only)



Ship Transits per Incident 2014-2023

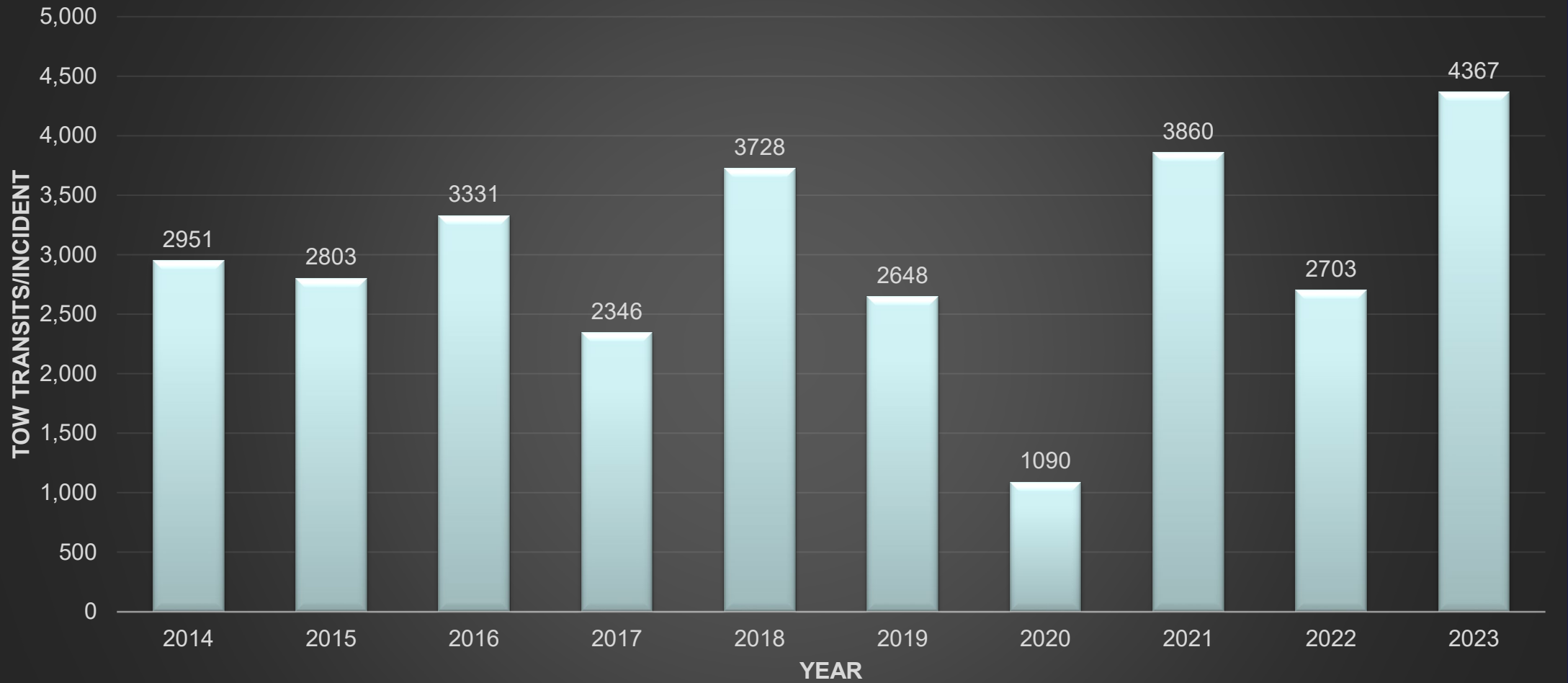


(Allisions, Collisions, Groundings and Wake Damages only)



Tow Transits per Incident 2014-2023

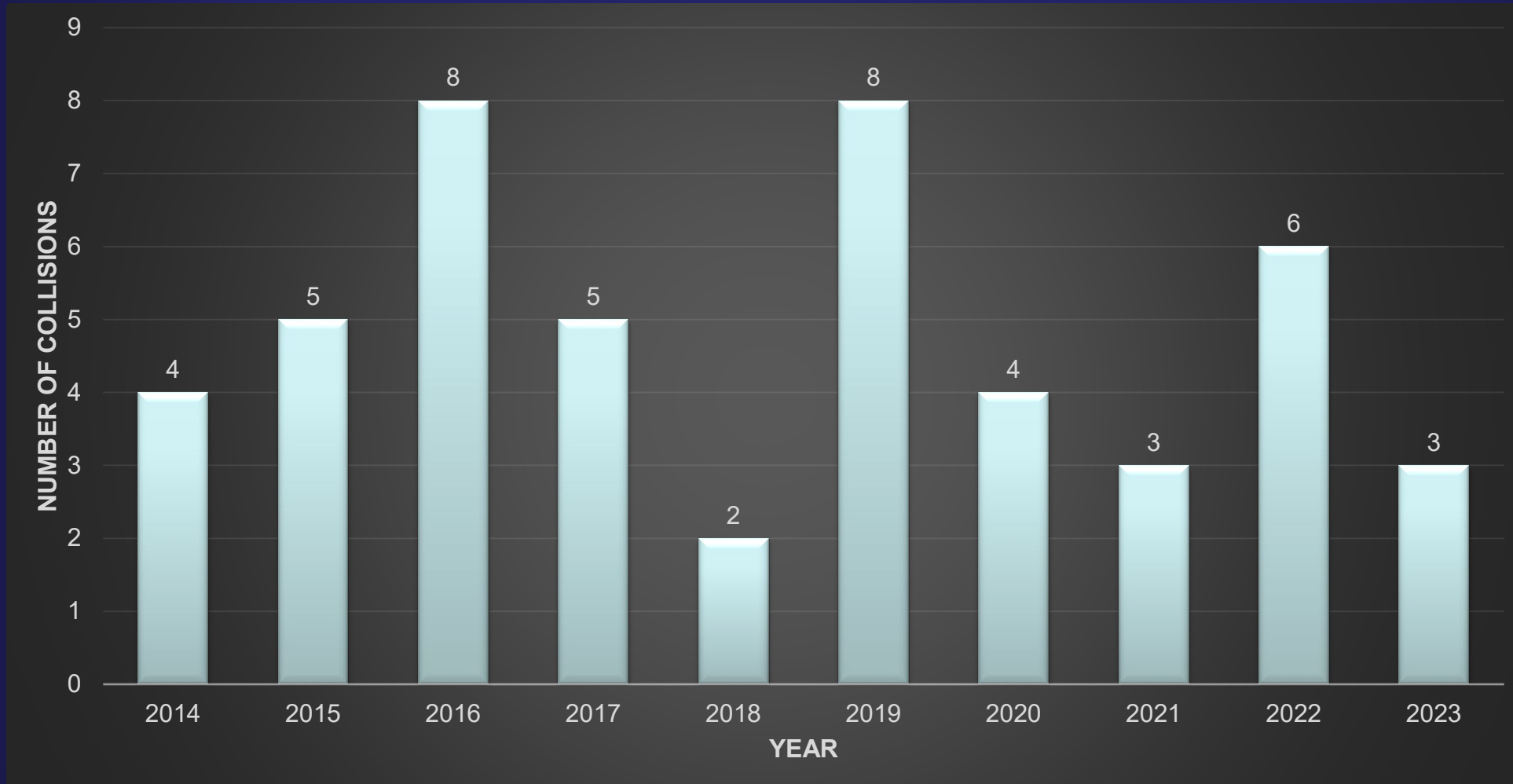
(Allisions, Collisions, Groundings and Wake Damages only)



COLLISIONS



2023: 3 Total Collisions







Sabine Neches Canal
IVO VLS

PPPA3 Dock

MM 289.5
West Port Arthur Bridge

 **Tow - Tow**

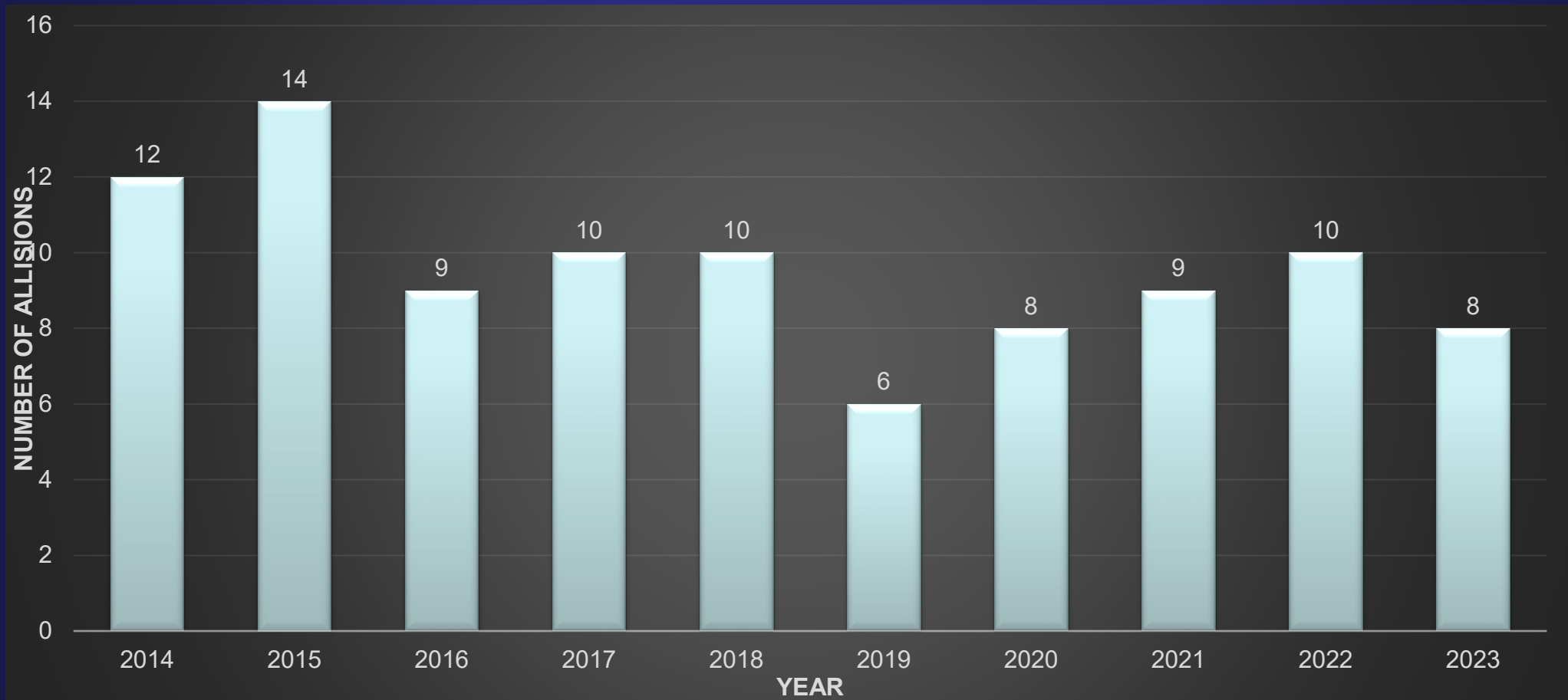
 **Ship - Tow**

Collisions 2023

ALLISIONS



- 2023: 8 Total Allisions**
- **7 Tows / Tugs**
 - **1 Pleasure Craft**





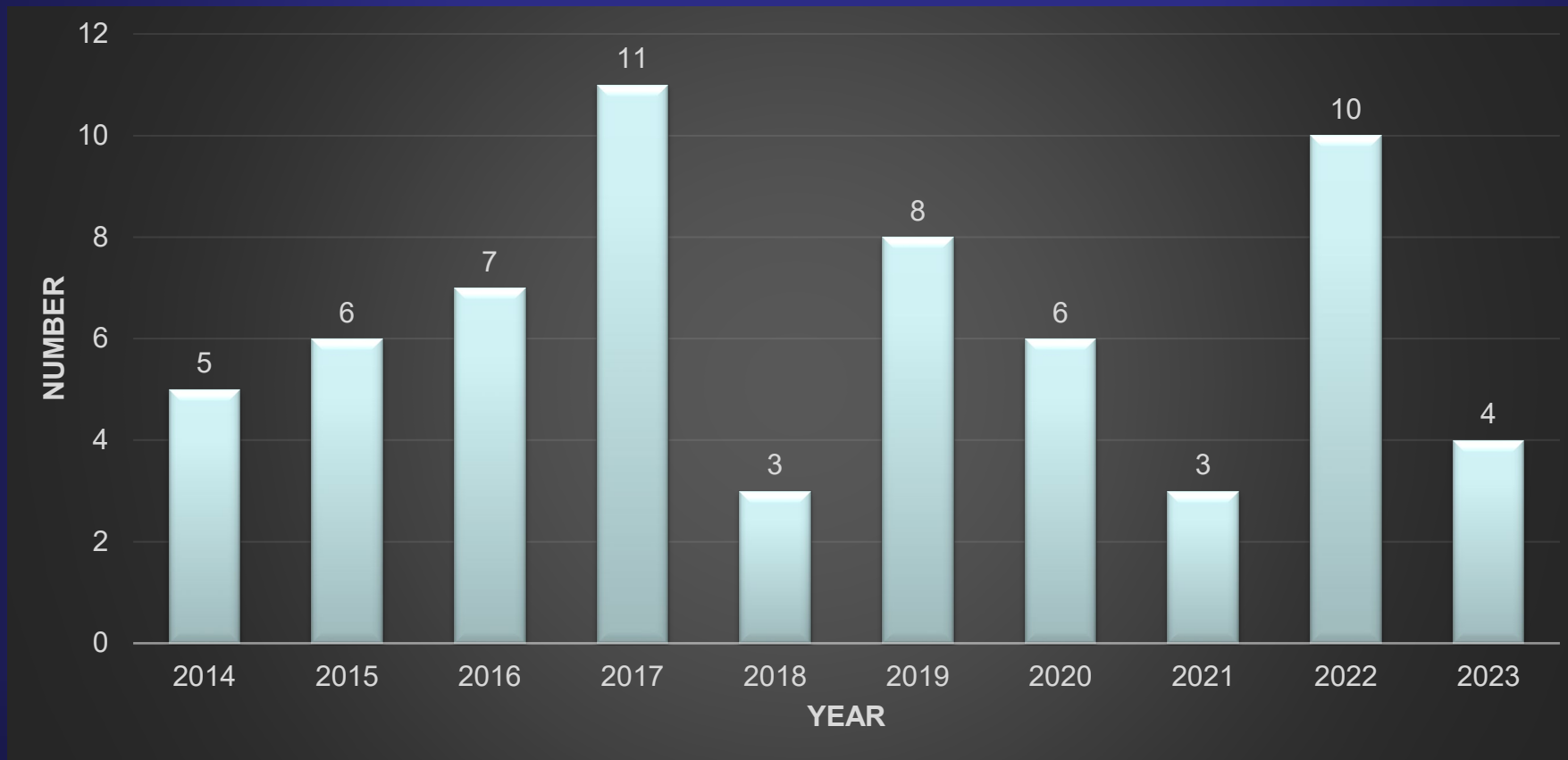
West Jetty - 0.5 NM North of entrance 
Allisions 2023

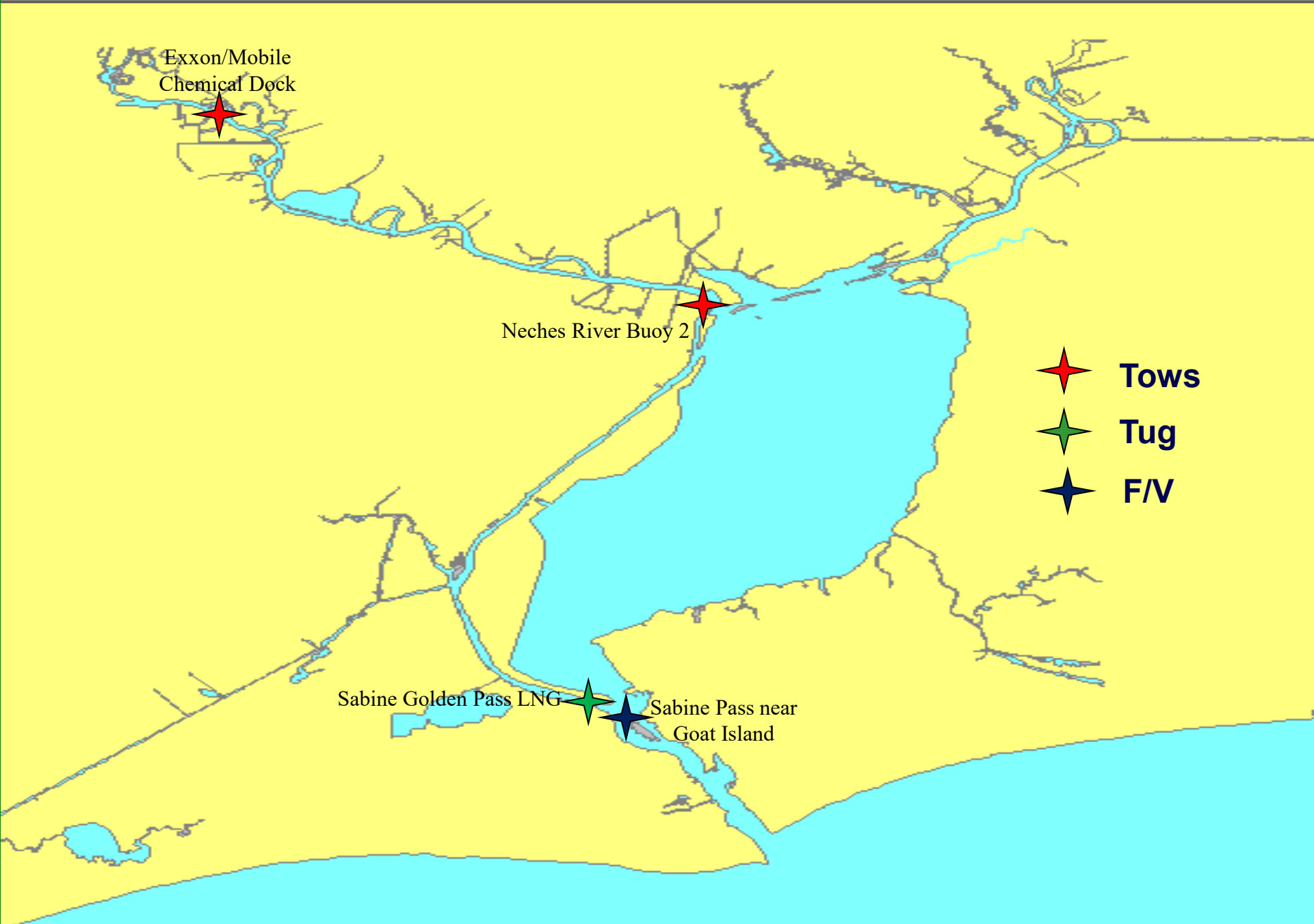
GROUNDINGS



2023: 4 Total Groundings

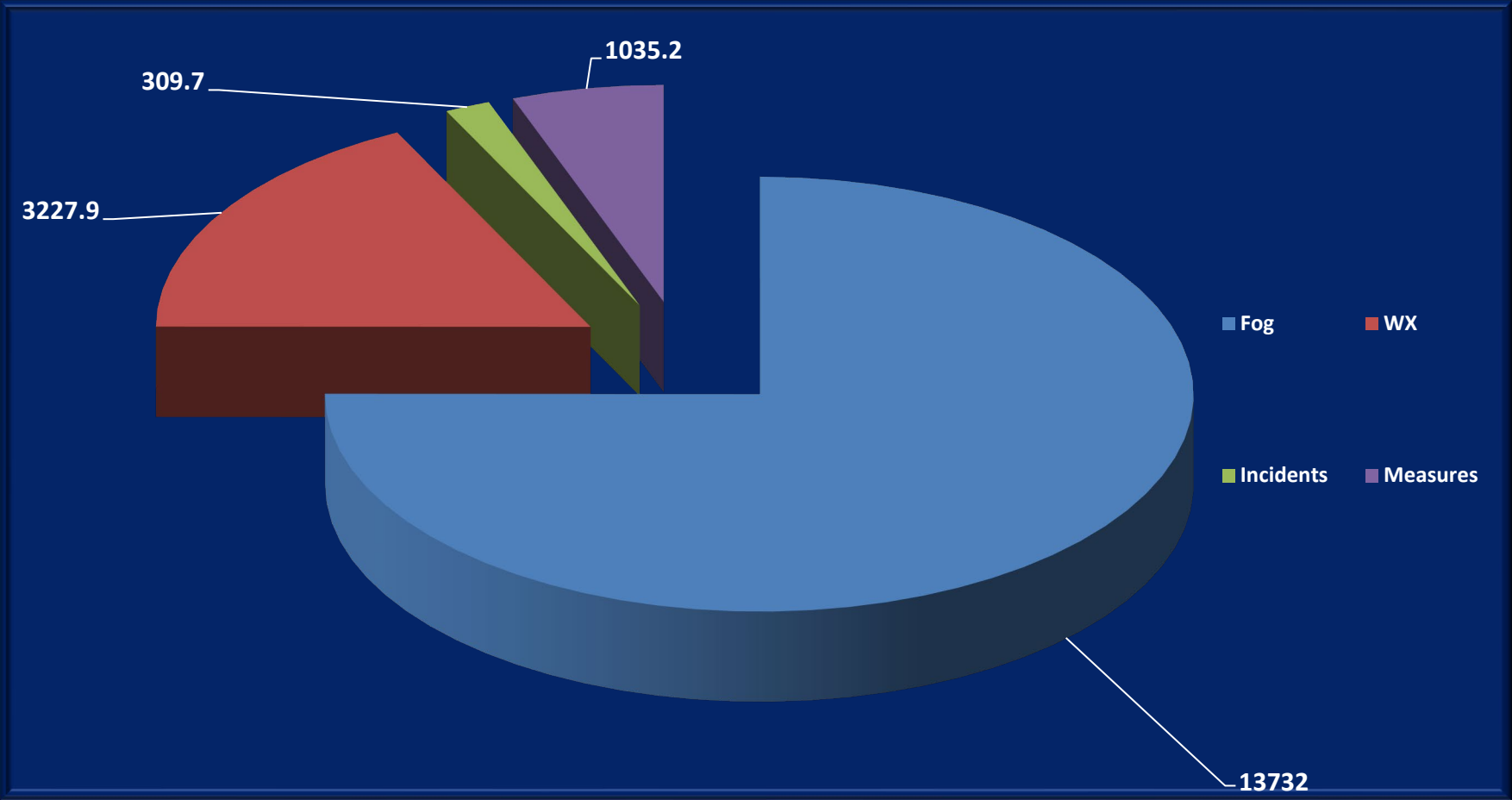
- **2 Tows**
- **1 Tug**
- **1 F/V**



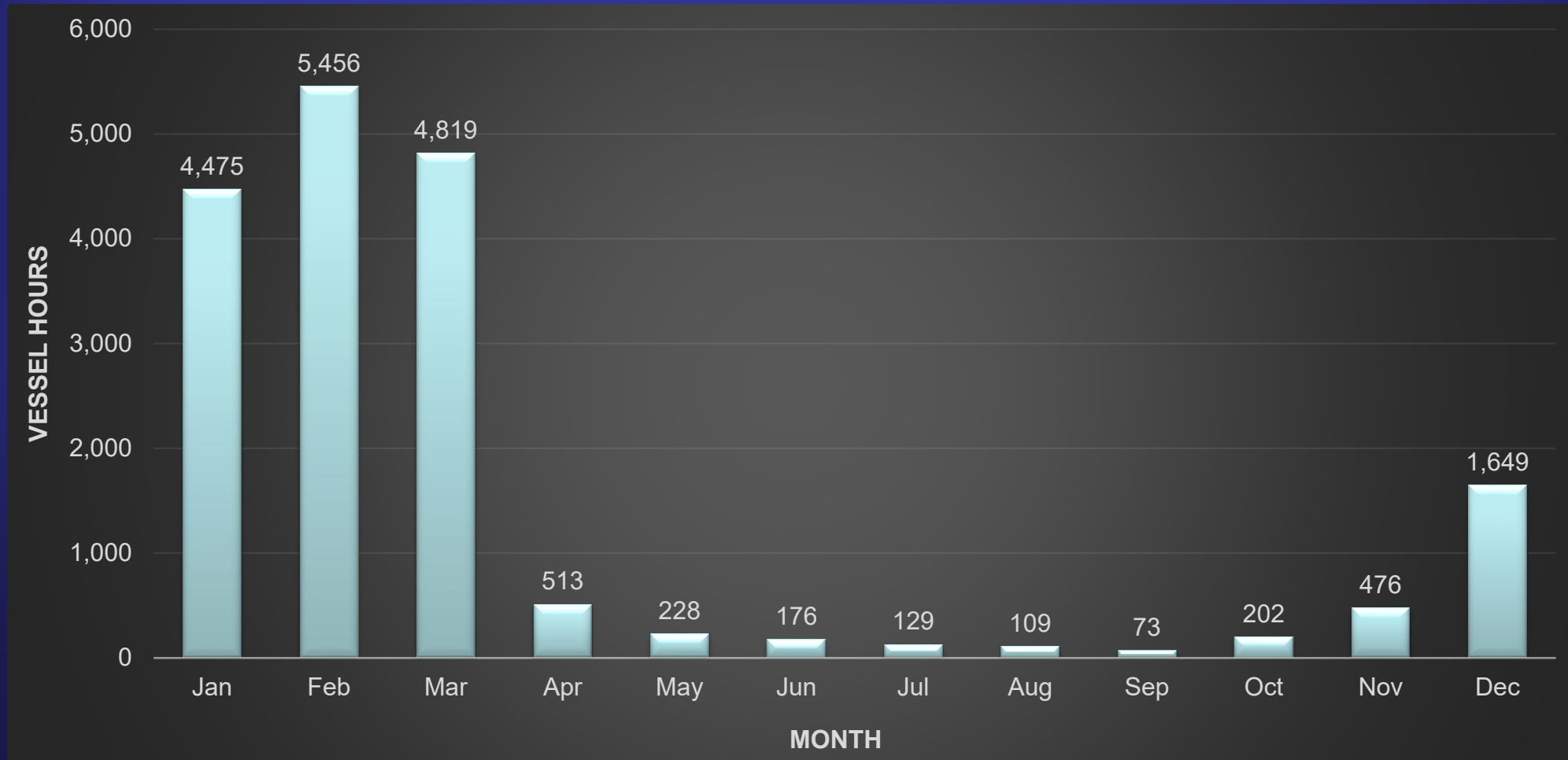


Groundings 2023

2023 Sabine-Neches Delays (in vessel hours)



2023 Total Vessel Delays by Month (in vessel hours)



2023 INCIDENTS OF NOTE



- **5 Breakaways/Wake Damage:**
 - **2 Wake Damage**
 - **3 Breakaway incidents**

- **2 ATON Knockdowns (Reported)**

- **Increase in Equipment Failures**

- **3 Near Miss Situations:**
 - **F/V (All vicinity jetties) (1 Offshore / 2 Inshore)**

- **3 Collisions:**
 - **1 involving deep draft ship and inland towing vessel.**
 - **1 involving 2 inland towing vessels**
 - **1 involving inland towing vessel and dredge**

2024 CHALLENGES



- **Planning for Deepening Project.**
 - **Construction at Port Arthur LNG**
 - **Planned increases in ship traffic including LHG transits.**
 - **Dredging in multiple locations.**
 - **ATON – relocation, establishment.**
 - **Pipeline removal operations.**

VTTS/WATERWAYS CONTACTS



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- **VTTS Webpage – <https://www.atlanticarea.uscg.mil/vtssportarthur/>**
- **Homeport Website – <http://homeport.uscg.mil>**

