

# THAILAND



The 18th ASEAN-Japan Experts Group  
Meeting on Information Platform for  
Transport Statistics  
19 March 2025



# AGENDA

- 1 Country Introduction
- 2 Infrastructure
- 3 Transport Measurement (Passengers , Freight)
- 4 Transport Accident



# 1 Country Introduction

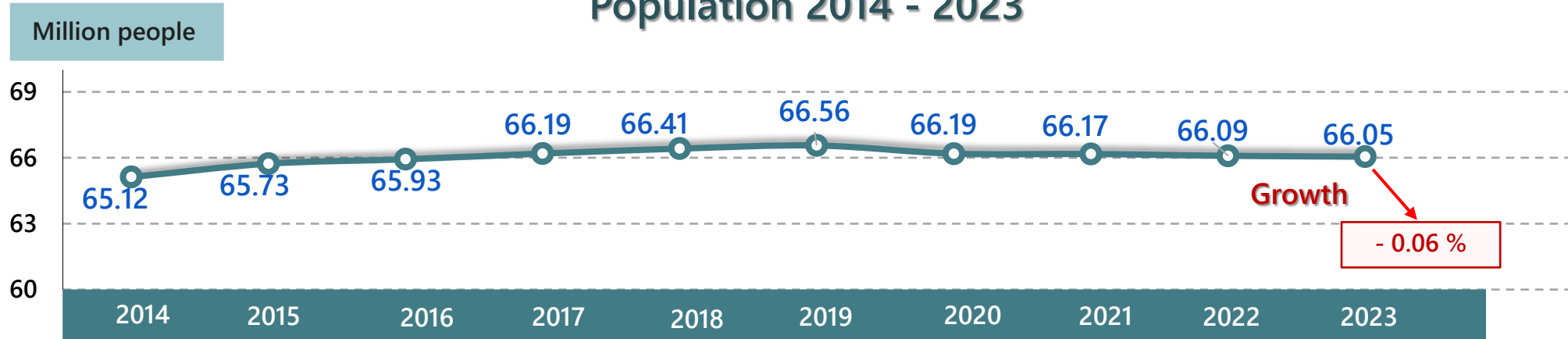


# Country Introduction

Capital	Bangkok (Thailand)
Area	513,120 km <sup>2</sup>
Population (2023)	66.052 million people
Annual Population Growth (2023)	-0.06%
GDP (2023)	US\$ 513 billion
GDP per Capita (2023)	US\$ 7,331.5
GDP Growth (2023)	1.9%

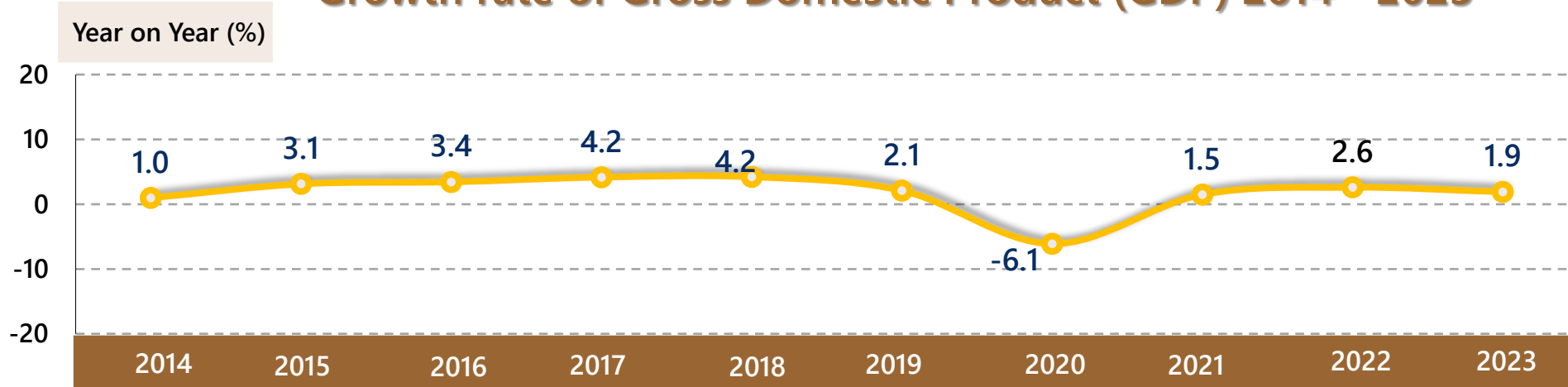
# Country Introduction

## Population 2014 - 2023



Source : Department of Provincial Administration, Ministry of Interior

## Growth rate of Gross Domestic Product (GDP) 2014 - 2023



Source : Office of the National Economic and Social Development Council

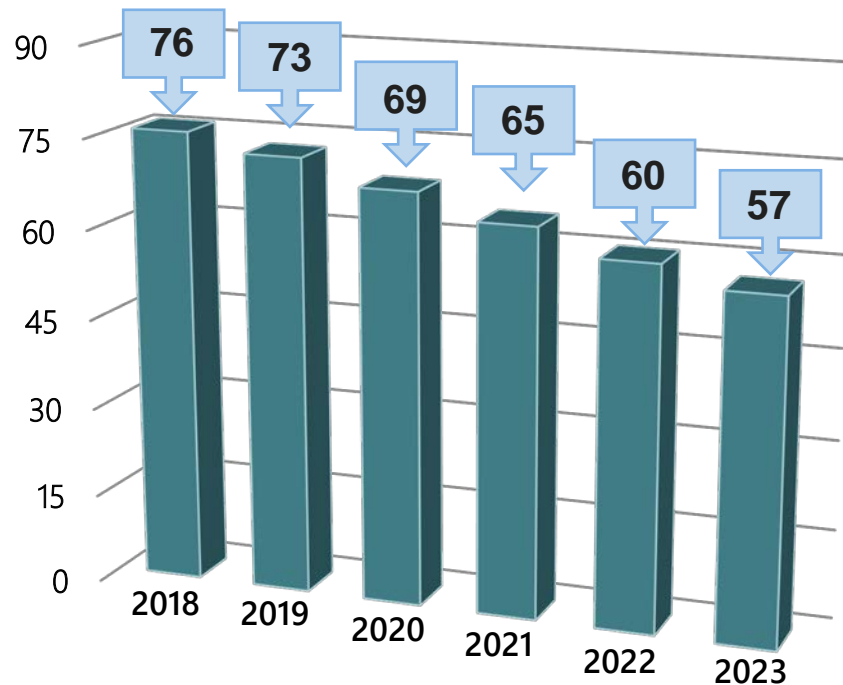
## 2 Infrastructure



# Infrastructure

## Public buses

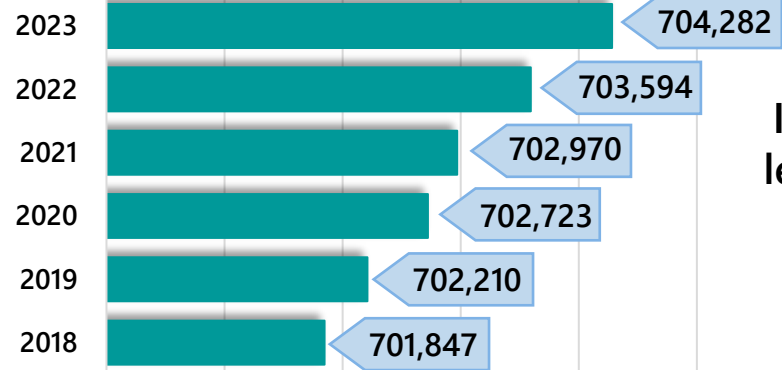
Thousand cars



In 2023, Public buses was 57 Thousand cars, decrease of 5% from 2022.

## Road length

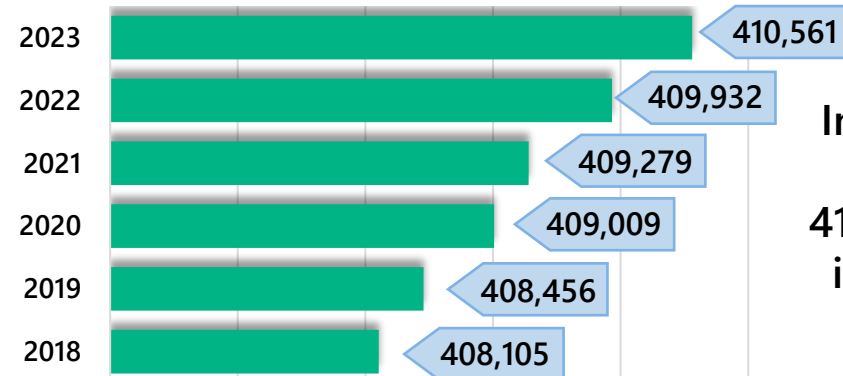
Kilometer



In 2023, total road length was 704,282 kilometers, increase of 0.09% from 2022.

## Length of paved road

Kilometer



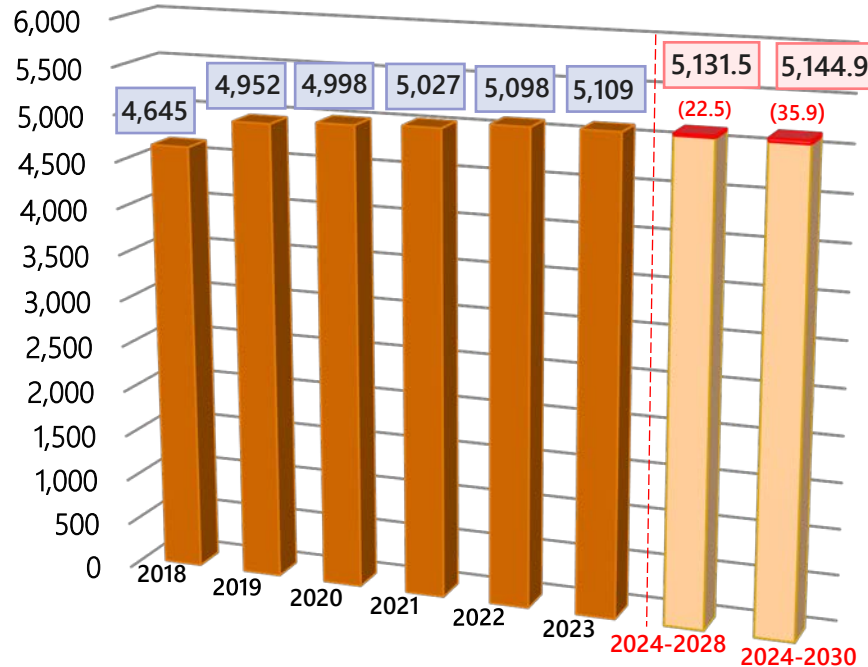
In 2023, length of paved road was 410,561 kilometers, increase of 0.15% from 2022.



# Infrastructure

## Railway route length

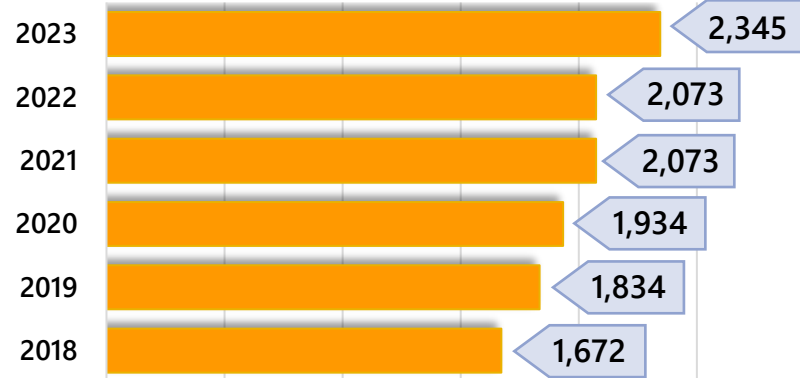
Kilometer



In 2023, total railway route length was 5,109 kilometers, increase of 0.22% from 2022. Since 2024-2030 MRTA is constructing Orange Line 35.9 kilometers.

## Passenger coaches

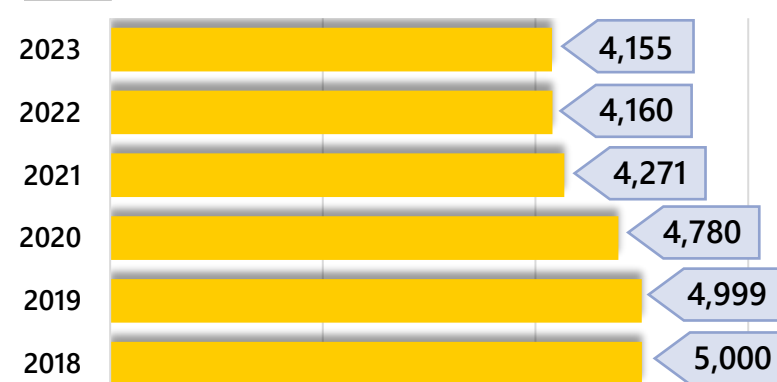
Count



In 2023, number of passenger coaches was 2,345 count, increase of 13% from 2022 because MRTA have additional passenger coaches yellow line 116 count and pink line 156 count.

## Freight wagons

Count

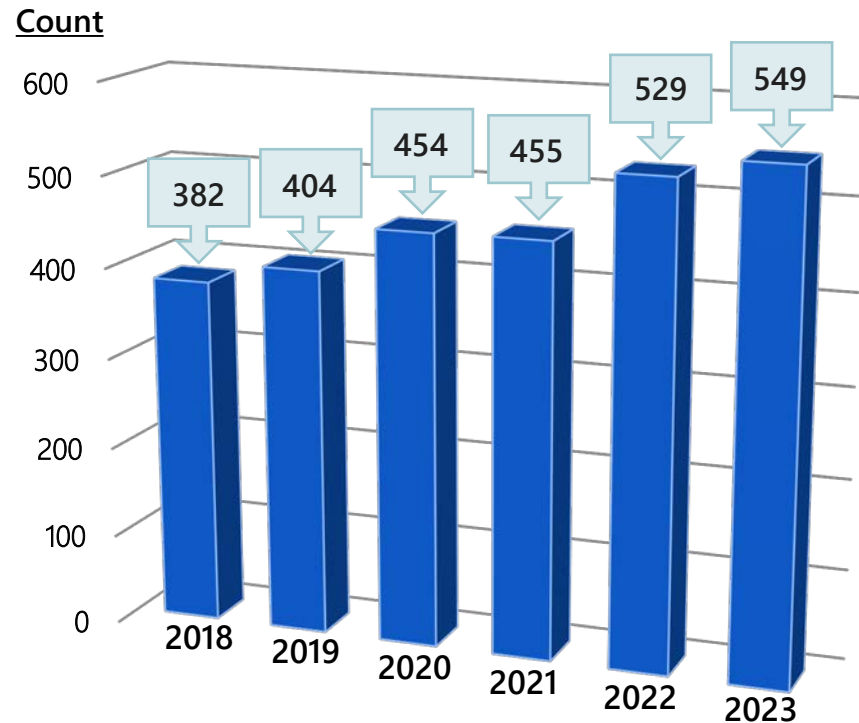


In 2023, number of freight wagons was 4,155 count, decrease of 0.12% from 2022.



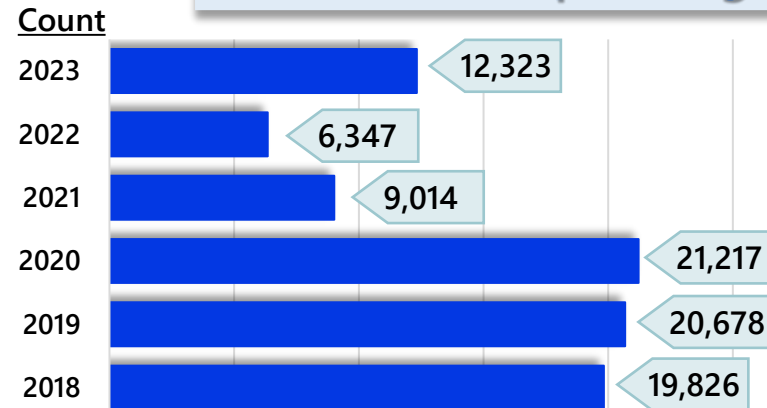
# Infrastructure

## Domestic ports



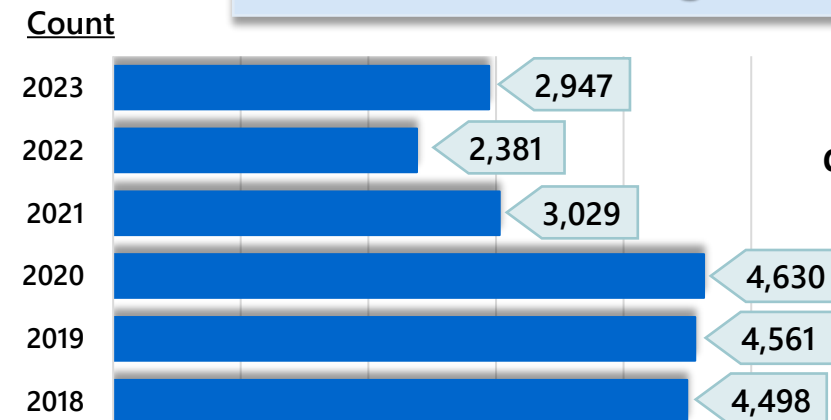
In 2023, number of domestic ports was 549 count, increase of 3.8% from 2022.

## Domestic passenger fleet



In 2023, number of domestic passenger fleet was 12,323 count, increase of 94% from 2022.

## Domestic cargo fleet

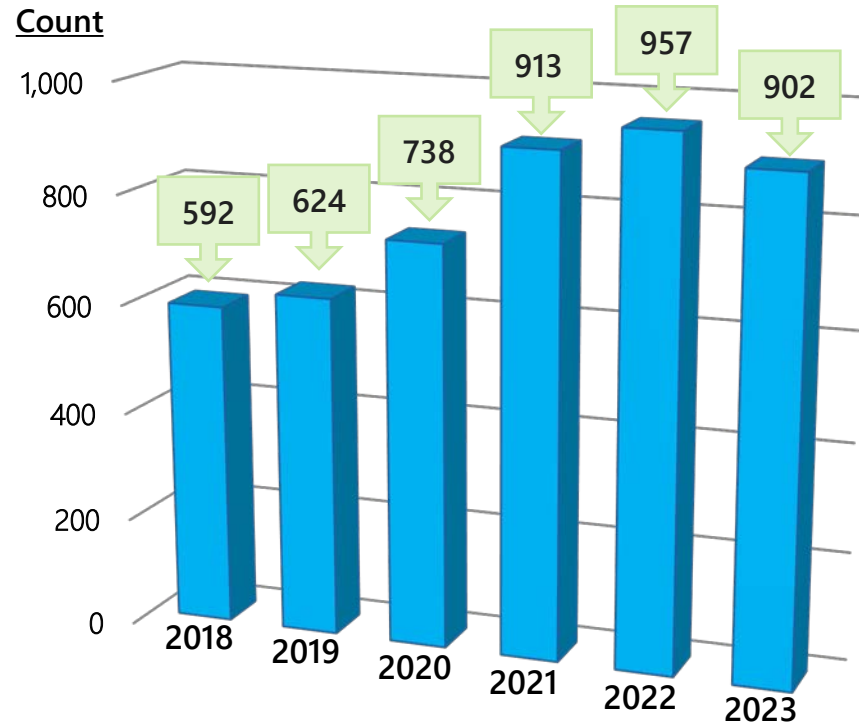


In 2023, number of domestic cargo fleet was 2,947 count, increase of 24% from 2022.

\*The Marine Department announced the list of legal Thai ships on the White List, effective from 14 April 2020.

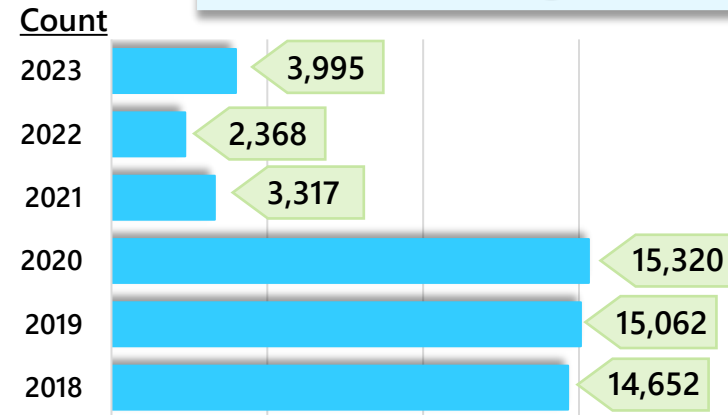
# Infrastructure

## River ports



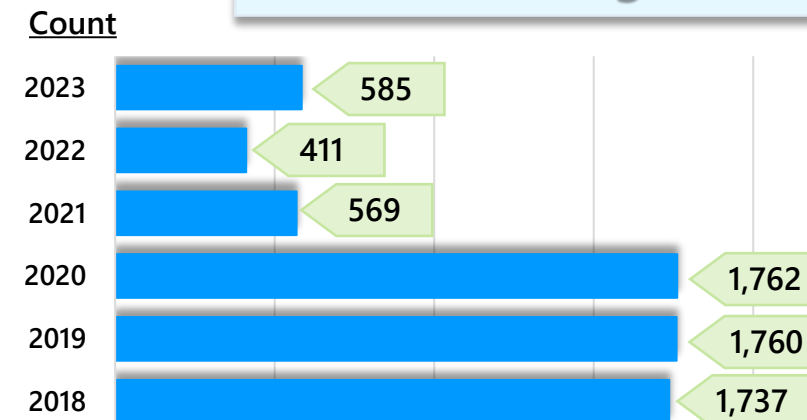
In 2023, number of river ports was 902 count, decrease of 5.7% from 2022.

## Passenger river fleet



In 2023, number of passenger river fleet was 3,995 count, increase of 68.7% from 2022.

## Domestic cargo river fleet



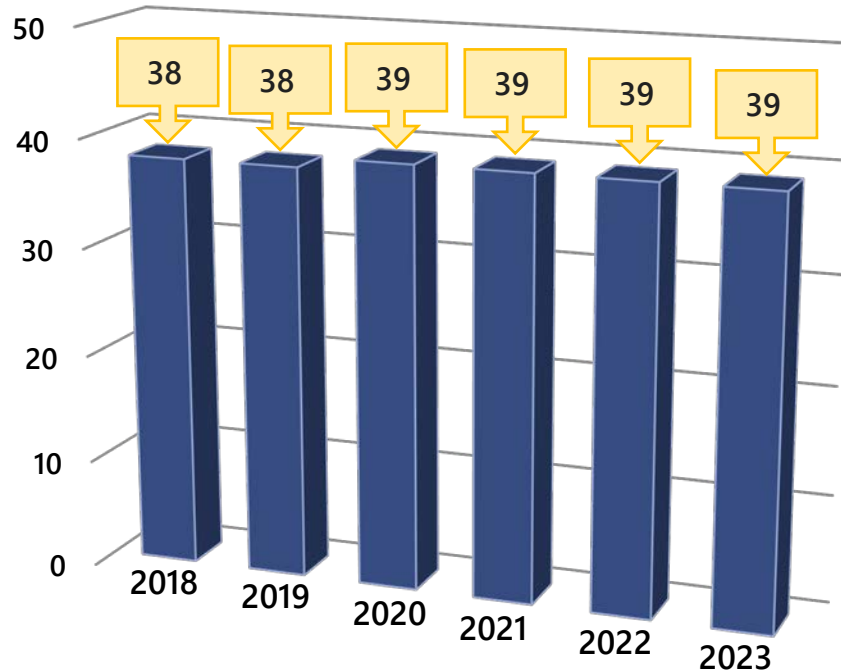
In 2023, number of domestic cargo river fleet was 585 count, increase of 42% from 2022.

\*The Marine Department announced the list of legal Thai ships on the White List, effective from 14 April 2020.

# Infrastructure ✈

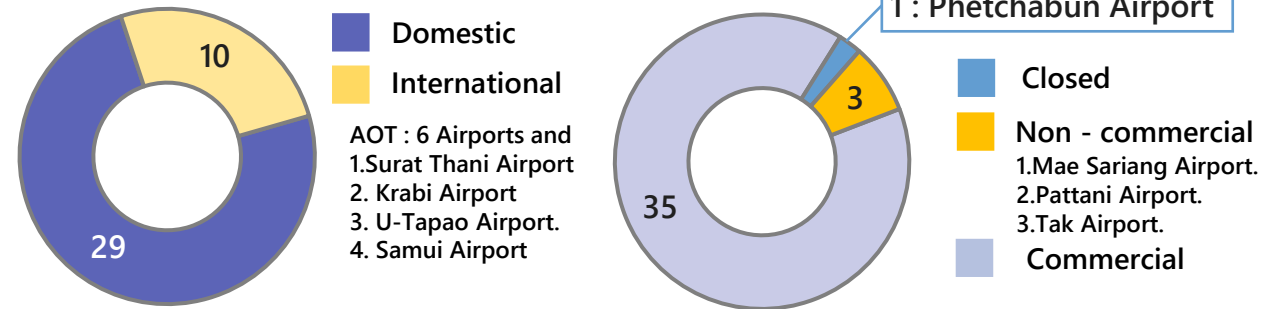
## Airports

Count

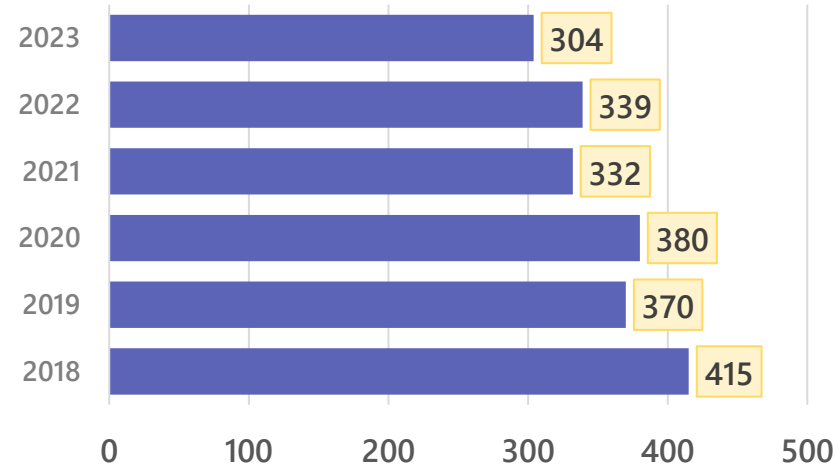


In 2023, total number of airports was 39 count, remain in the same from 2022.

## Airports



## Commercial aircraft fleet



In 2023, commercial aircraft fleet was 304 count, decrease of 10% from 2022.

# 3 Transport Measurement (Passengers , Freight)

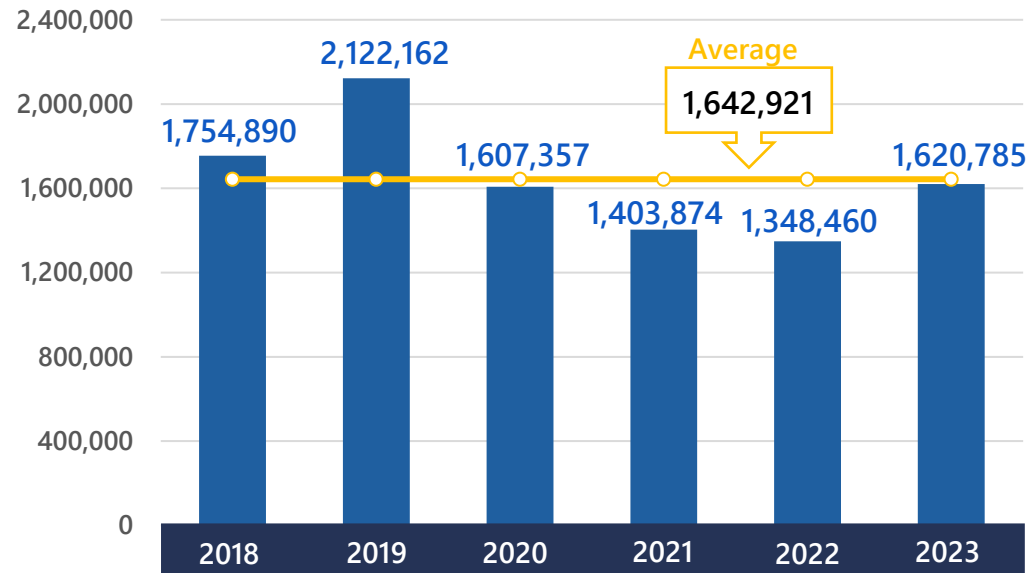


# Transport Measurement

## (Public Transport)

### Number of Passengers

Thousands of People

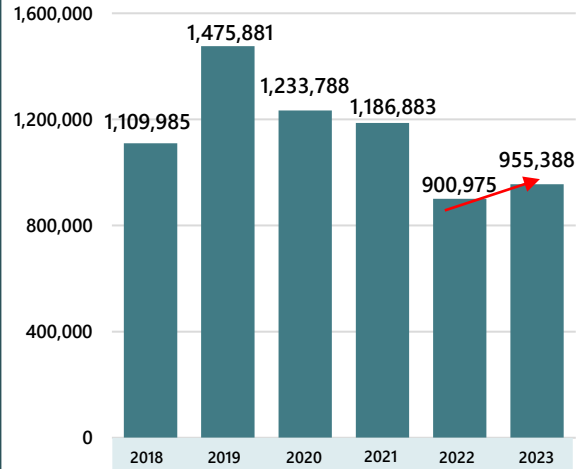


Between 2018 - 2023, the Number of Passengers was average of 1,642,921 thousands of people per year.

In 2023, the Number of Passengers was 1,620,785 thousands of people, decrease of 1.35% from average 2018-2023.  
In 2023 the Number of Passengers increase of 20% from 2022.

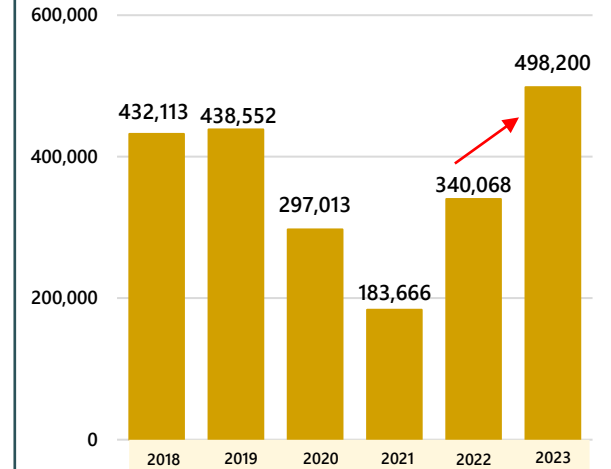
### Road

Thousands



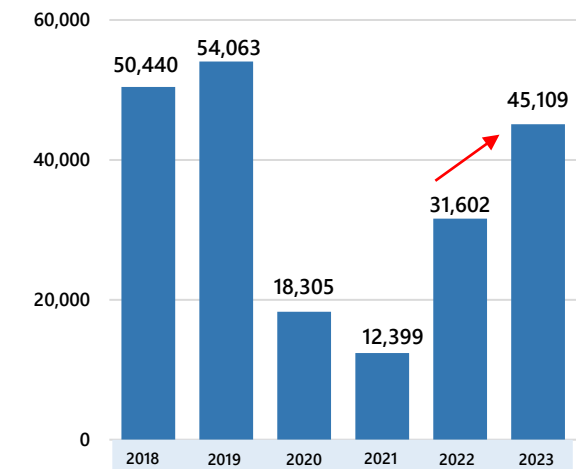
### Rail

Thousands



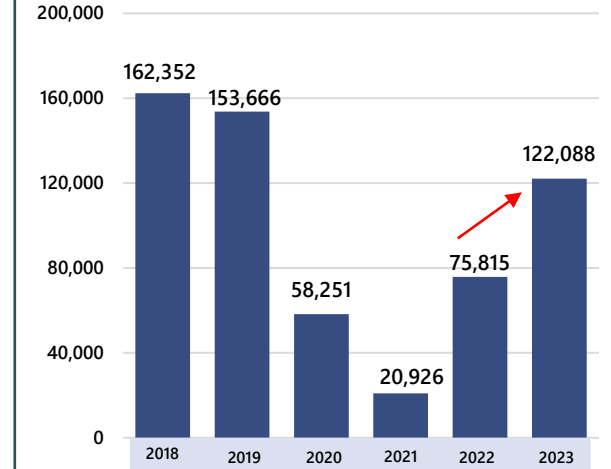
### Water

Thousands



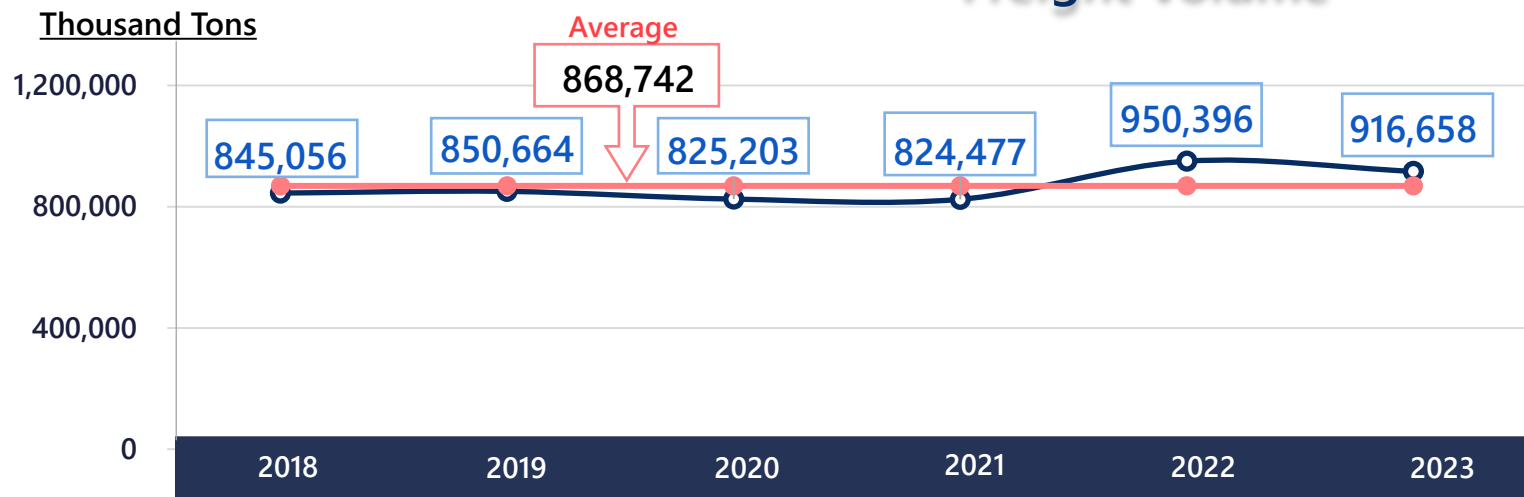
### Air

Thousands



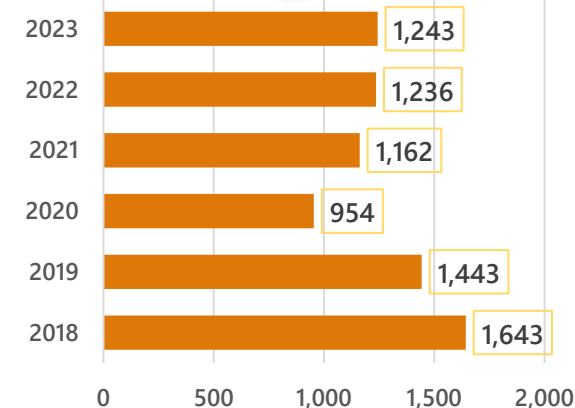
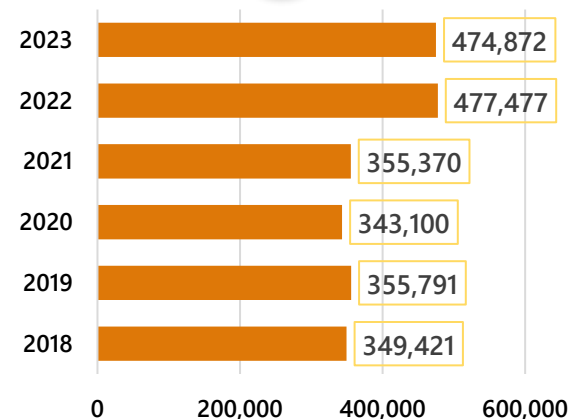
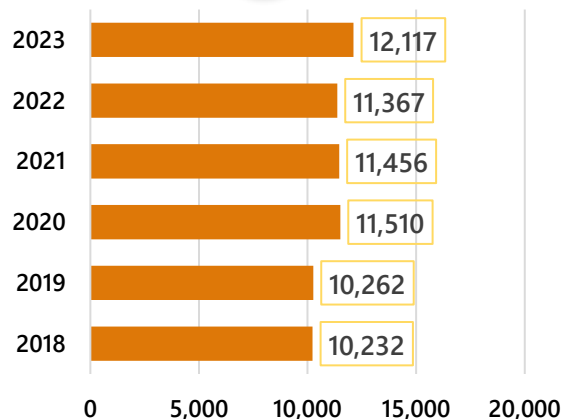
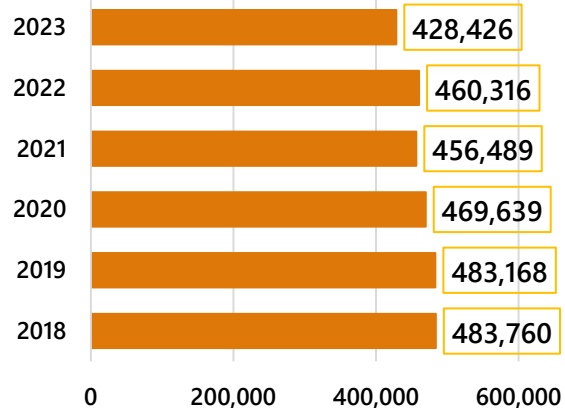
# Transport Measurement

## Freight Volume



Between 2018 - 2023, the Amount of cargo was average of 868,742 thousands tons per year.

In 2023, the Amount of cargo was 916,658 thousands tons increase of 5.52% from average 2018-2023.  
In 2023, the Amount of cargo decrease of 3.55% from 2022



## 4 Transport Accident

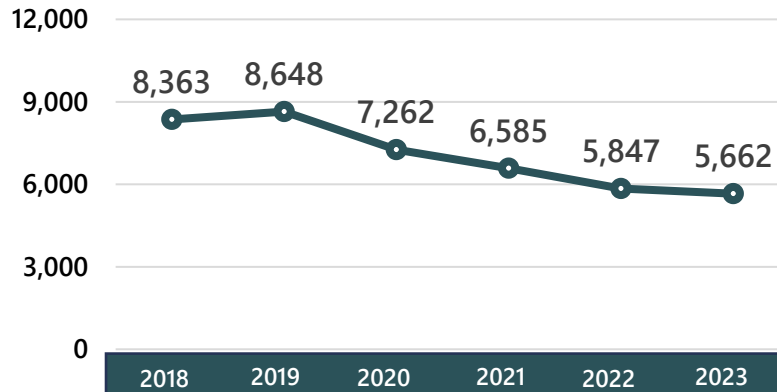




# Transport Accident

## Road

Person

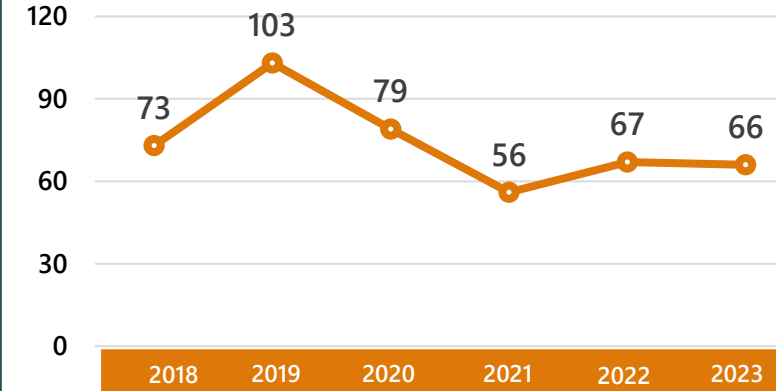


In 2023, the Number of Road Transport Accident Casualties (dead) was 5,662 person.

In 2023, road traffic fatality was 9 person per 100,000 population.

## Rail

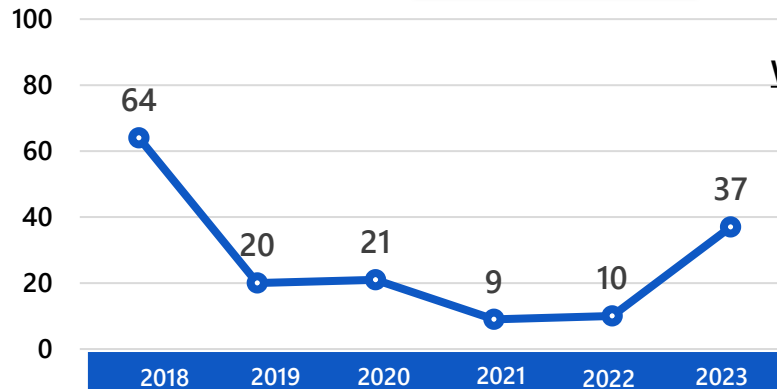
Person



In 2023, the Number of Rail Transport Accident Casualties (dead) was 66 person, Intercity train accidents.

## Water

Person

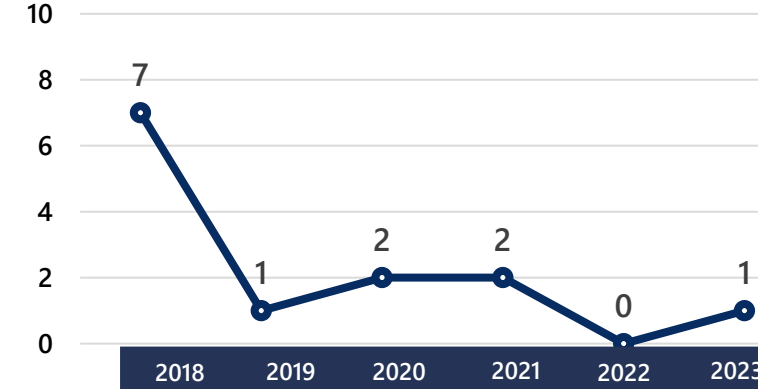


In 2023, the Number of Water Transport Accident Casualties (dead) was 37 person.

Water accidents include the following:  
Accidents, such as boat collisions  
Except boats/pontoons that are at the pier and not in service, are not included.

## Air

Person



In 2023, the Number of Air Transport Accident Casualties (dead) was 1 person.

A small training aircraft had an accident in Samut Sakhon Province.

# THANK YOU

