Update on
ASEAN Transport Statistics

18th ASEAN-Japan Experts Group Meeting on Information Platform for Transport Statistics (AJIP)

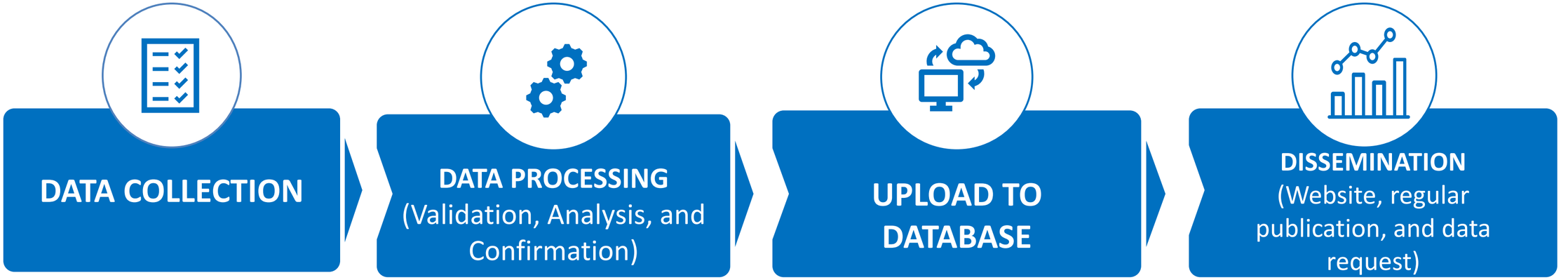
19 March 2025

Outline

- Current Mechanism
- Data Availability
  - Road
  - Rail
  - Water
  - Air
  - GHG
- Challenges and Way Forward

Current Mechanism

Work Flow



1st Round: April
2nd Round: September

Up to 1 month after receiving the data

1-2 week after the data confirmed/validated

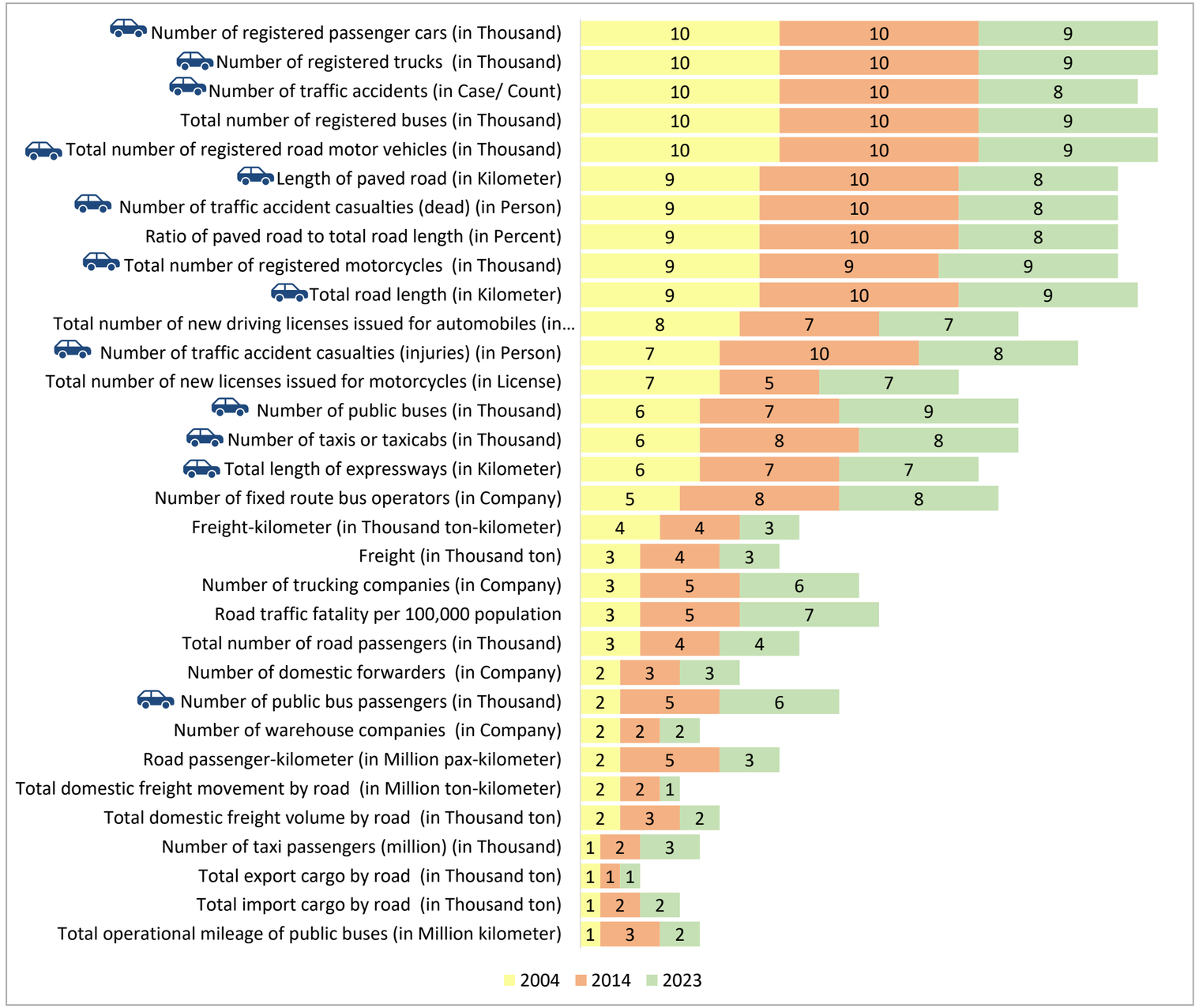
ASEANStats website:
https://data.aseanstats.org/

1st Round: end of June
2nd Round: end of November

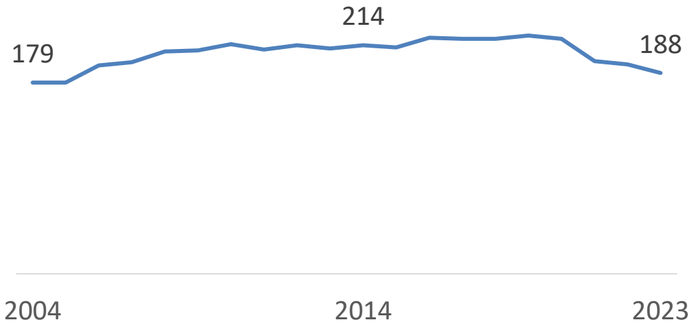
Monitoring Data Submission and Dissemination

Activity	Data 2023		Data 2024	
Submission	1st: Oct 2023-Apr 2024	2nd: May-Sept 2024	1st: Oct 2024-Apr 2025	2nd:May-Sept 2025
	4 AMS: KH, MY, MM (Road), and SG	**9 AMS**: BN, KH, ID, LA, MY, MM, PH, SG, TH	MM (Road, Rail, Water)	
Dissemination	June 2024	Nov 2024	June 2025	Nov 2025

Data availability: Road Transport(in count)



Trend Data Submission, 2004-2023

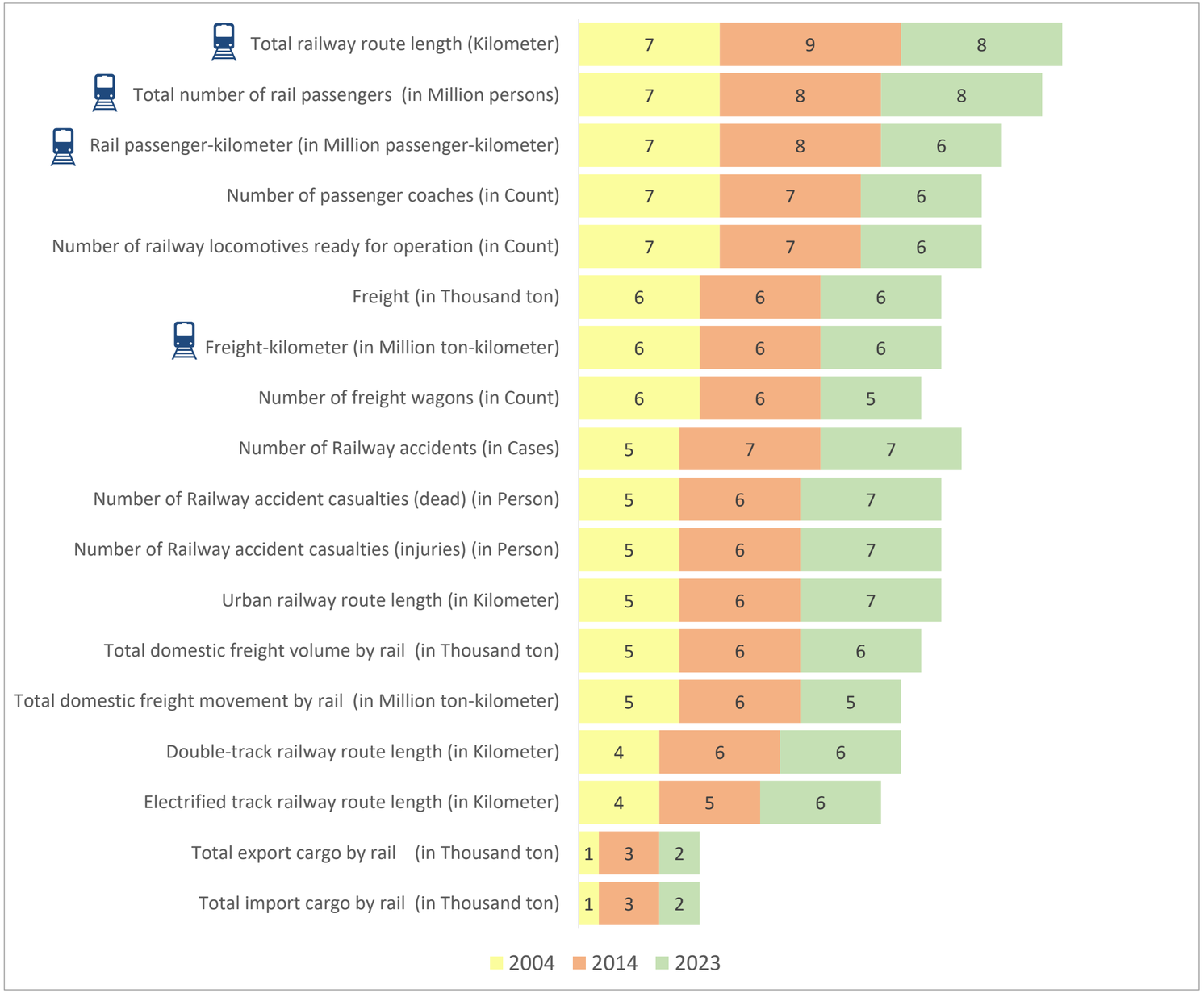


- **Data submission declined during 2021-2023.**
- **Higher submission:** registered vehicles (passenger cars, trucks, buses and motorcycles), and number of traffic accidents.
- **Lower submission:** domestic freight movement/volume, number of taxi passengers, public buses operational mileage, and total import/export cargo.

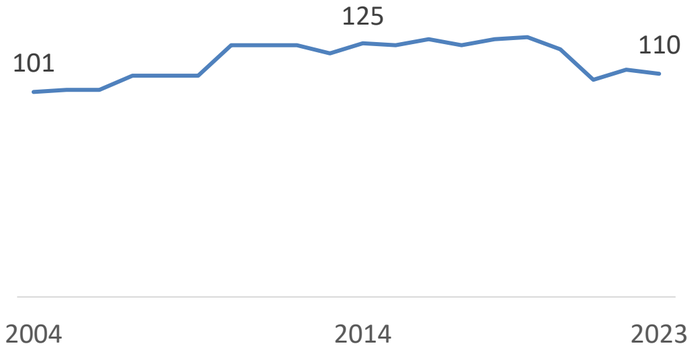
13 out of 32 indicators are available on ASEANstats website

Data as of 2nd round data collection 2024

Data Availability : Rail Transport(in count)



Trend Data Submission, 2004-2023

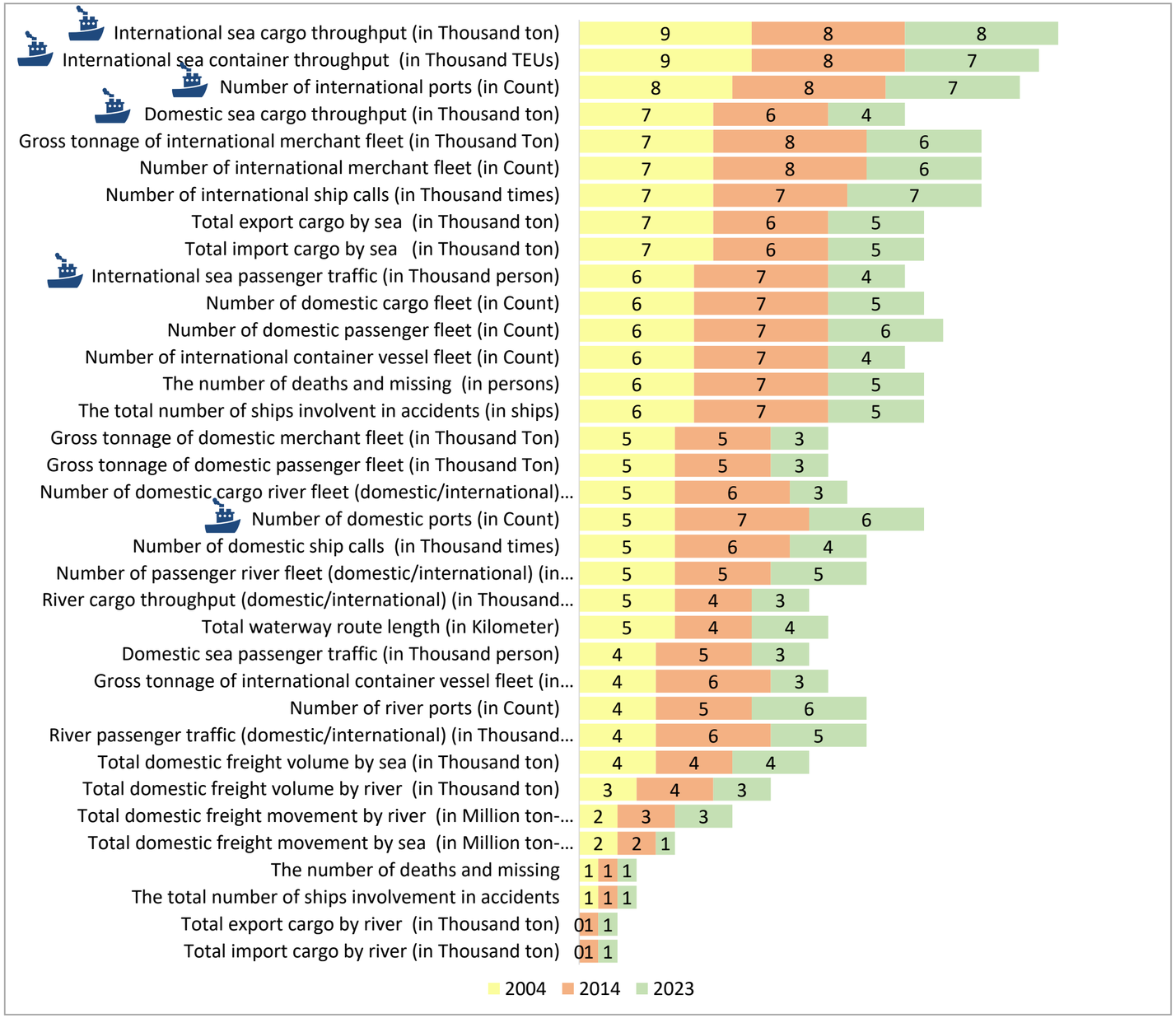


- **Data submission** rebounded in 2022 following a decline since 2019**.**
- **Higher submission:** railway route length, number of rail passenger, and rail-passenger-km.
- **Lower submission:** total import/export cargo**.**

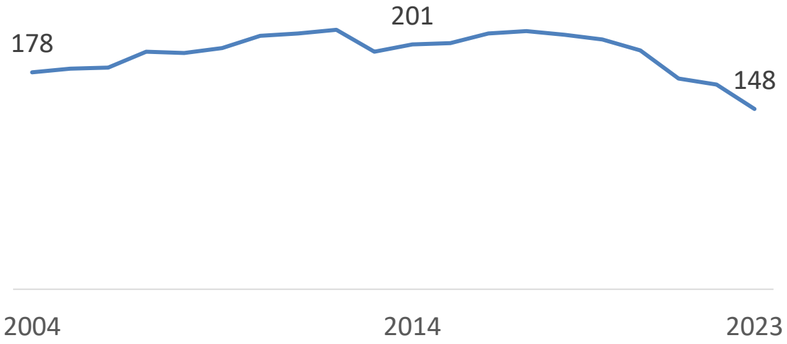
4 out of 18 indicators are available on ASEANstats website

Data as of 2nd round data collection 2024

Data Availability: Water Transport(in count)



Trend Data Submission, 2004-2023

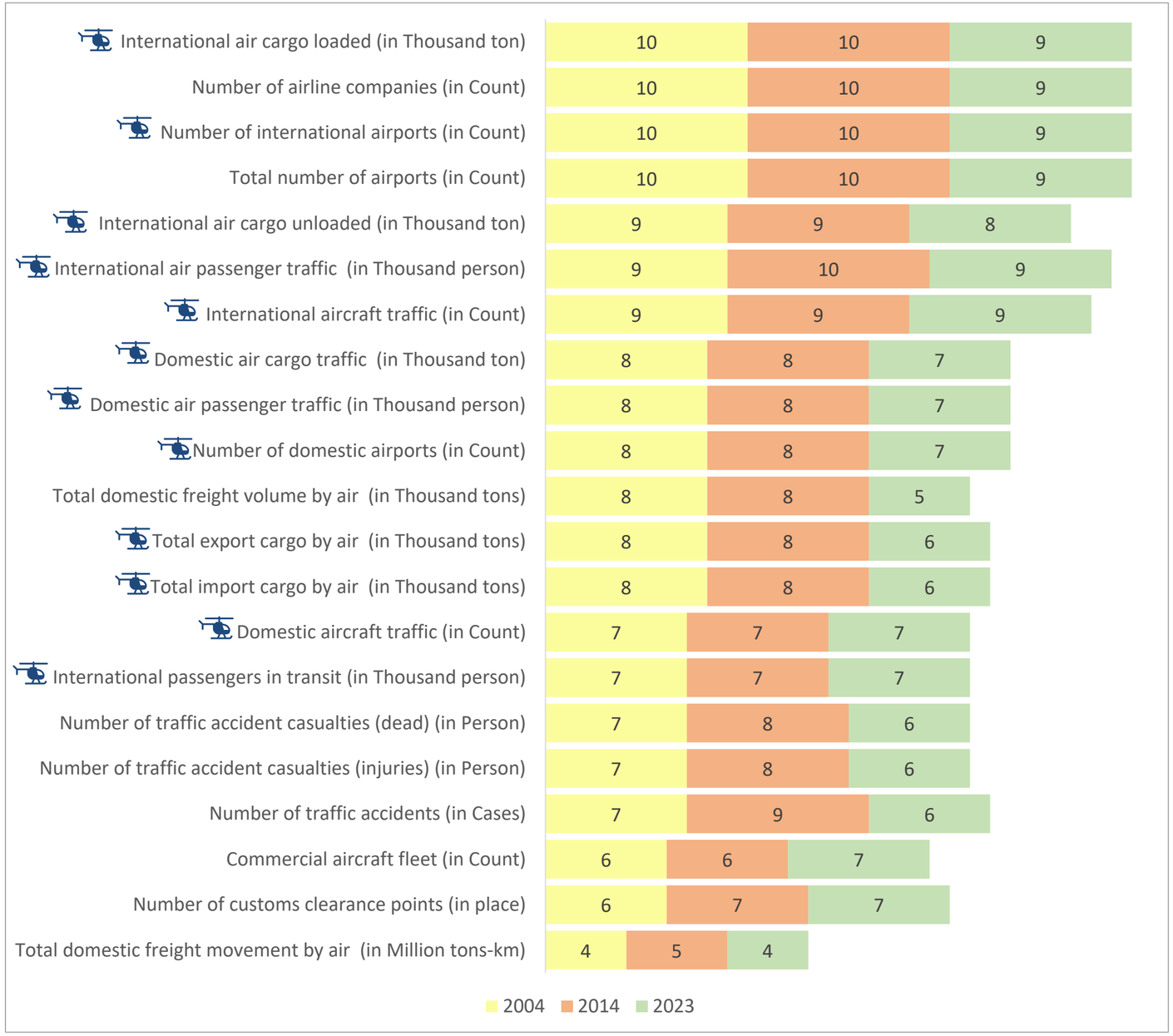


- **Data submission declined since 2018**
- **Higher submission:** international sea cargo/container throughput, and number of international ports.
- **Lower submission:** total number of deaths & missing, number of ships involvement in accidents, and export/import cargo by river.

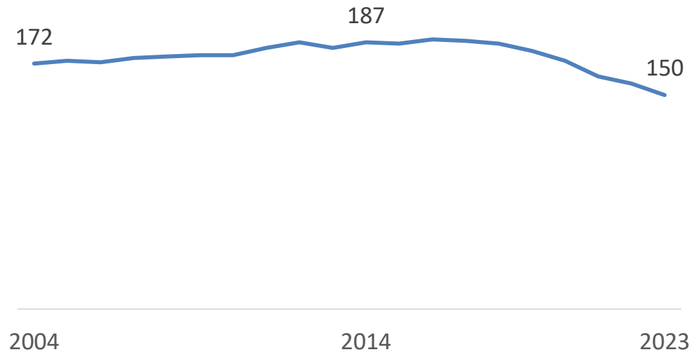
6 out of 35 indicators are available on ASEANstats website

Data as of 2nd round data collection 2024

Data Availability: Air Transport(in count)



Trend Data Submission, 2004-2023



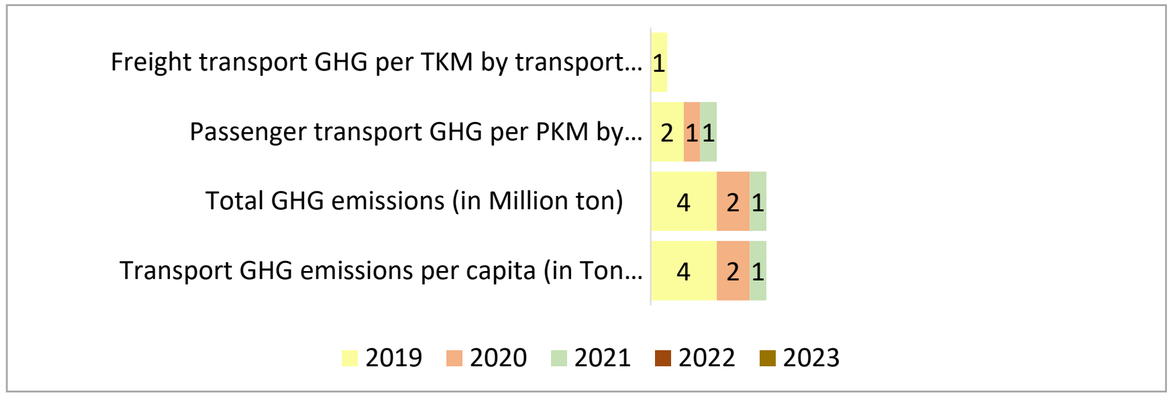
- **Data submission declined since 2018.**
- **Higher submission:** international, air cargo loaded, number of (airline companies, international airport, total airports).
- **Lower submission:** Total domestic freight movement by air.

12 out of 21 indicators are available on ASEANstats website

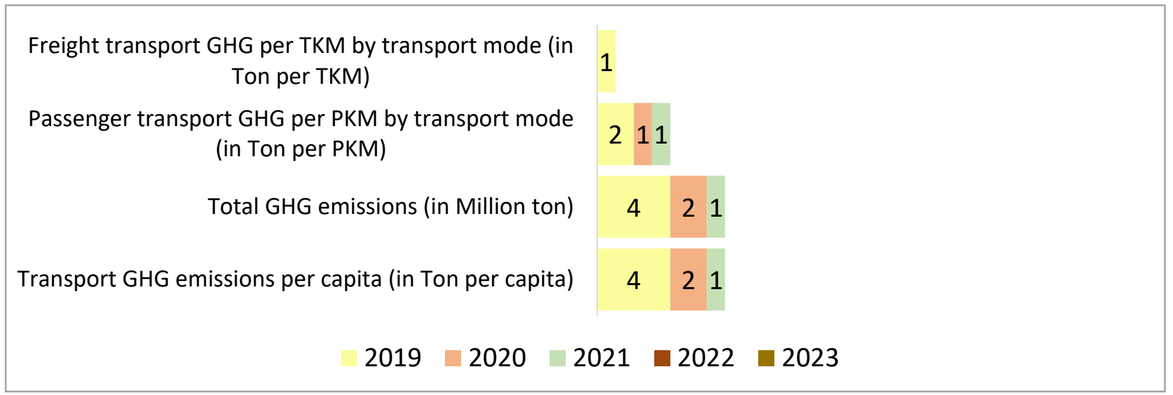
Data as of 2nd round data collection 2024

Availability of indicators: GHG (in count)

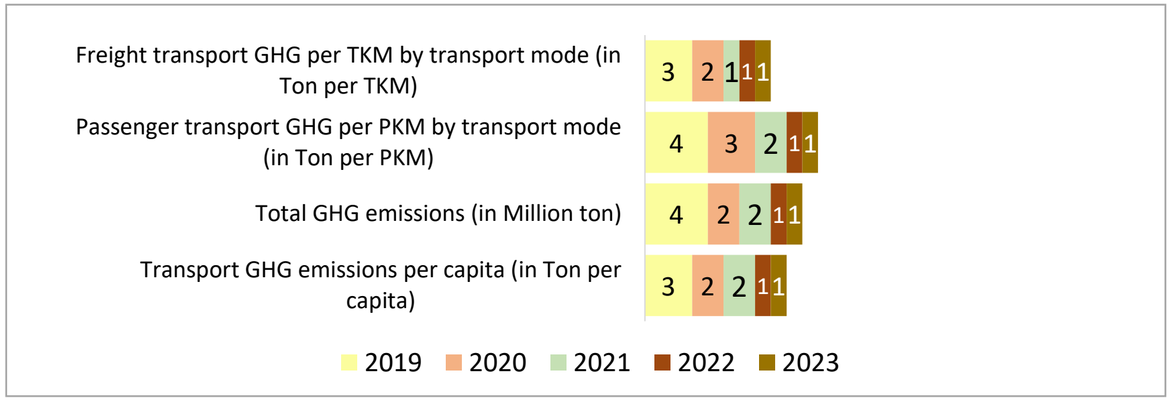
Road



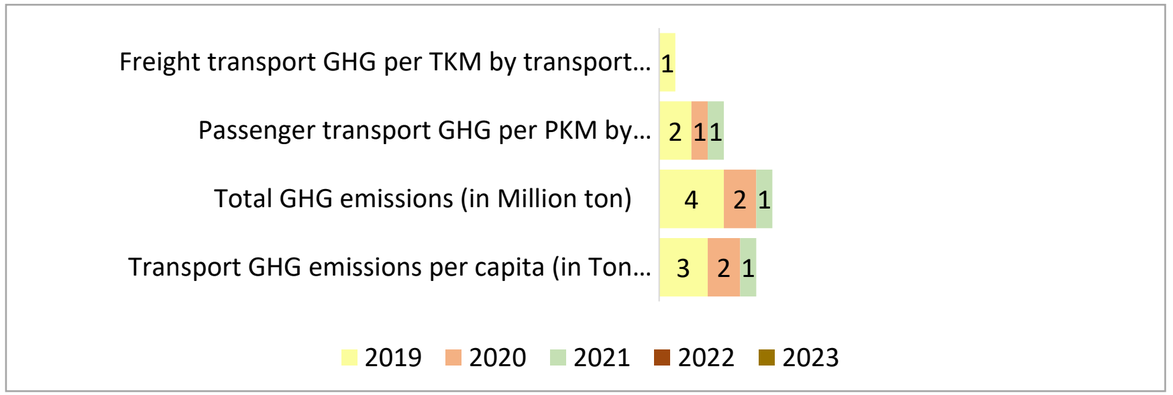
Water



Rail



Air

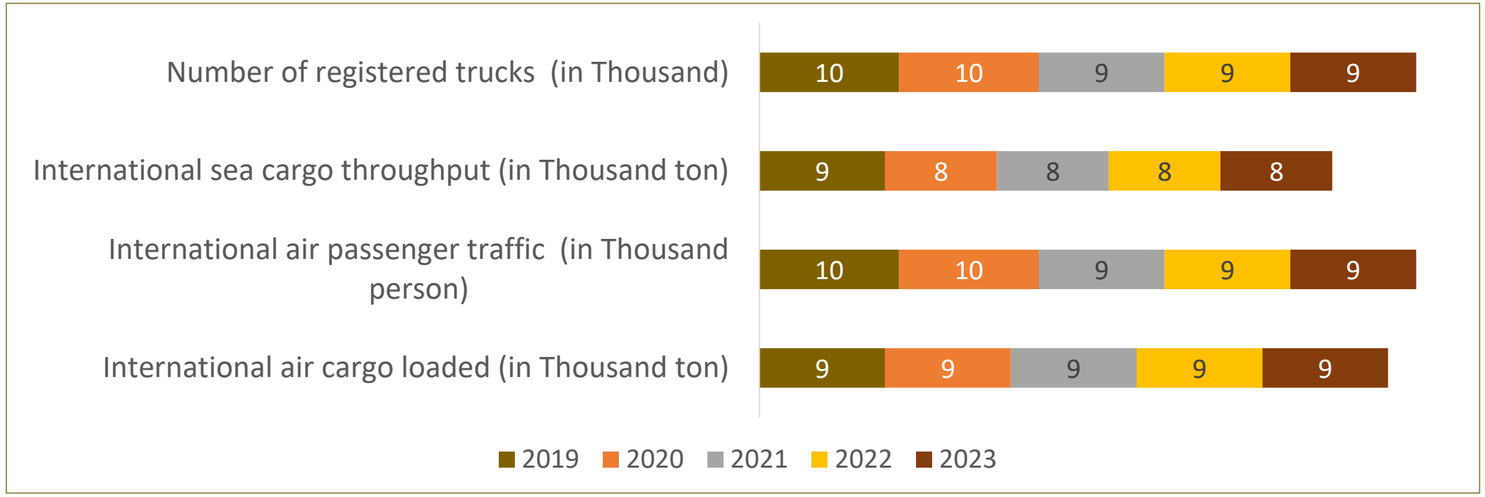


- **The data on GHG for road, water, and air transport is available up to 2021. Data on GHG for rail transport is available up to 2023.**
- **All GHG indicators are not published yet in ASEANstats website**

Data as of 2nd round data collection 2024

Challenges and Way Forward

Enhance data availability:



- For confirmation and clarification.
- Seeking input and support to improve data availability.

Enhance data dissemination on ASEANstats website:

Indicators	Number of indicators in ASEANstats website	Total Transport Indicators	Share (%)
Road	13	36	36.1
Rail	4	22	22.0
Water	6	39	39.0
Air	12	25	25.0
Total	**35**	**122**	**25.0**

- Propose to enhance the dissemination of transport indicators on ASEANstats website.
- Seeking input, suggestions, and agreement.

Workflow Data Confirmation

No	Activities	Time Line
1	ASEAN Secretariat (ASEC) to prepare the data confirmation template	March
2	ASEC to share the template with AMS during 18th AJIP meeting	March
3	ASEC to send the template to AMS for their input	March
4	AMS to review the template, identify relevant indicators and submit the confirmation feedback to ASEC	April
5	ASEC to compile feedback from AMS	May
6	ASEC to process the data and refine the template for database dissemination system based on AMS feedback (1st round data submission)	June
7	ASEC to further process the data and send to the database dissemination system (2nd round data submission)	October
8	ASEC to share the draft database with AMS for final confirmation	October-November
9	AMS to review the draft and provide additional input or feedback	October-November
10	ASEC to finalize and disseminate the data on ASEANstats website	November

Data Confirmation Template

COUNTRY: SINGAPORE

Seek input and confirmation from AMS

Description	Year					Published (P)	Additional indicators to be published on ASEANstats website [Yes=Y or No=N)	Notes
	2019	2020	2021	2022	2023			
AIR						**12**		
Commercial aircraft fleet (in Count)	253	235	224	239	221			
Domestic air cargo traffic (in Thousand ton)	0	0	0	0	0	P		
Domestic air passenger traffic (in Thousand person)	0	0	0	0	0	P		
Domestic aircraft traffic (in Count)	0	0	0	0	0	P		
Freight transport GHG per TKM by transport mode (in Ton per TKM)								
International air cargo loaded (in Thousand ton)	930	720	935	895	820	P		
International air cargo unloaded (in Thousand ton)	1,084	825	1,011	958	920	P		
International air passenger traffic (in Thousand person)	67,601	11,634	3,053	31,902	58,946	P		
International aircraft traffic (in Count)	363,000	125,420	108,892	218,668	328,292	P		
International passengers in transit (in Thousand person)	682	131	24	300	535	P		
Number of airline companies (in Count)	92	66	76	83	96			
Number of customs clearance points (in place)	9	9	9	9	9		N	Example: if AMS **disaggree** to publish the indicator on ASEANstats website
Number of domestic airports (in Count)	0	0	0	0		P		
Number of international airports (in Count)	2	2	2	2	2	P		
Number of traffic accident casualties (dead) (in Person)	0	0	0					
Number of traffic accident casualties (injuries) (in Person)	1	0	0					
Number of traffic accidents (in Cases)	1	0	0					
Passenger transport GHG per PKM by transport mode (in Ton per PKM)								
Total domestic freight movement by air (in Million tons-km)	0	0	0	0	0			
Total domestic freight volume by air (in Thousand tons)	0	0	0	0	0			
Total export cargo by air (in Thousand tons)	930	720	935	895	820	P		
Total GHG emissions (in Million ton)								
Total import cargo by air (in Thousand tons)	1,084	825	1,011	958	920	P		
Total number of airports (in Count)	2	2	2	2	2			
Transport GHG emissions per capita (in Ton per capita)								
RAIL						**4**		
Double-track railway route length (in Kilometer)	0	0	0	0	0			
Electrified track railway route length (in Kilometer)	228	232	245	259	259		Y	Example: if AMS **aggree** to publish the indicator on ASEANstats website
Freight (in Thousand ton)	0	0	0	0	0			

Thank you!

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