

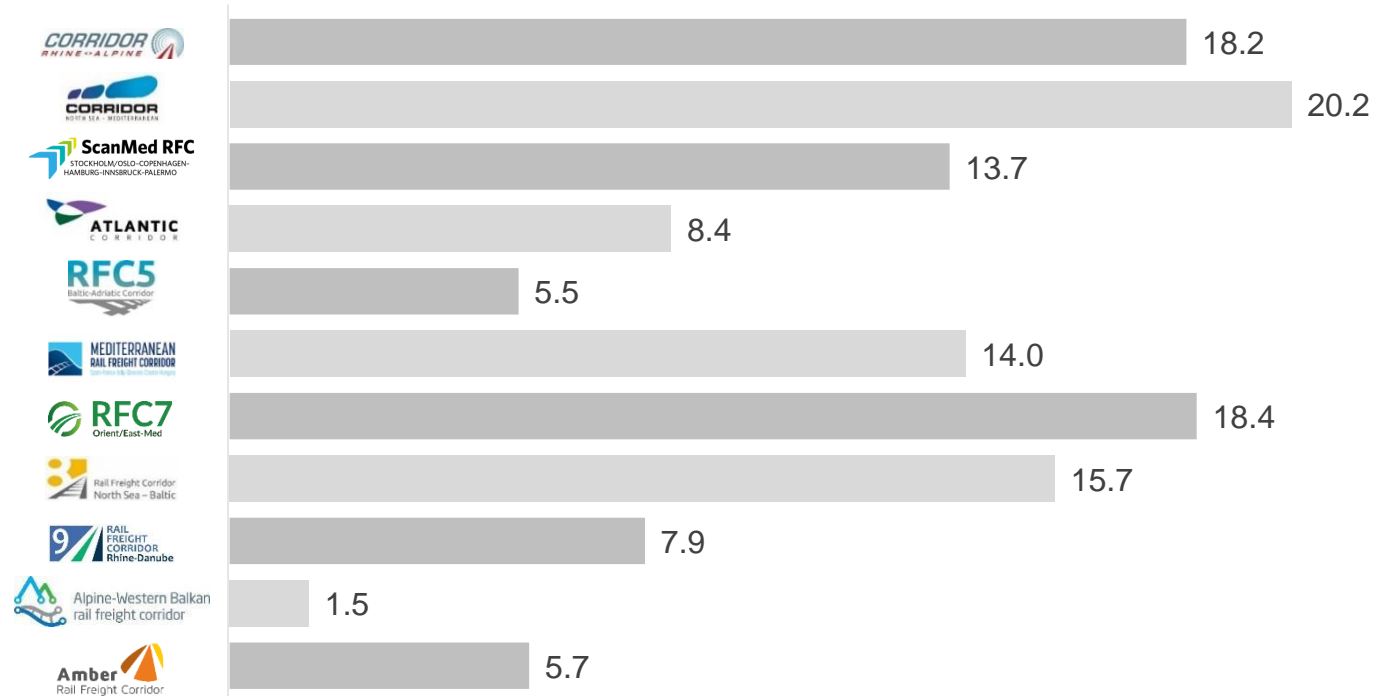


Commonly applicable RFC KPIs

2021

CAPACITY MANAGEMENT

Volume of offered capacity – PaPs (at X-11) (millions of path kilometers)



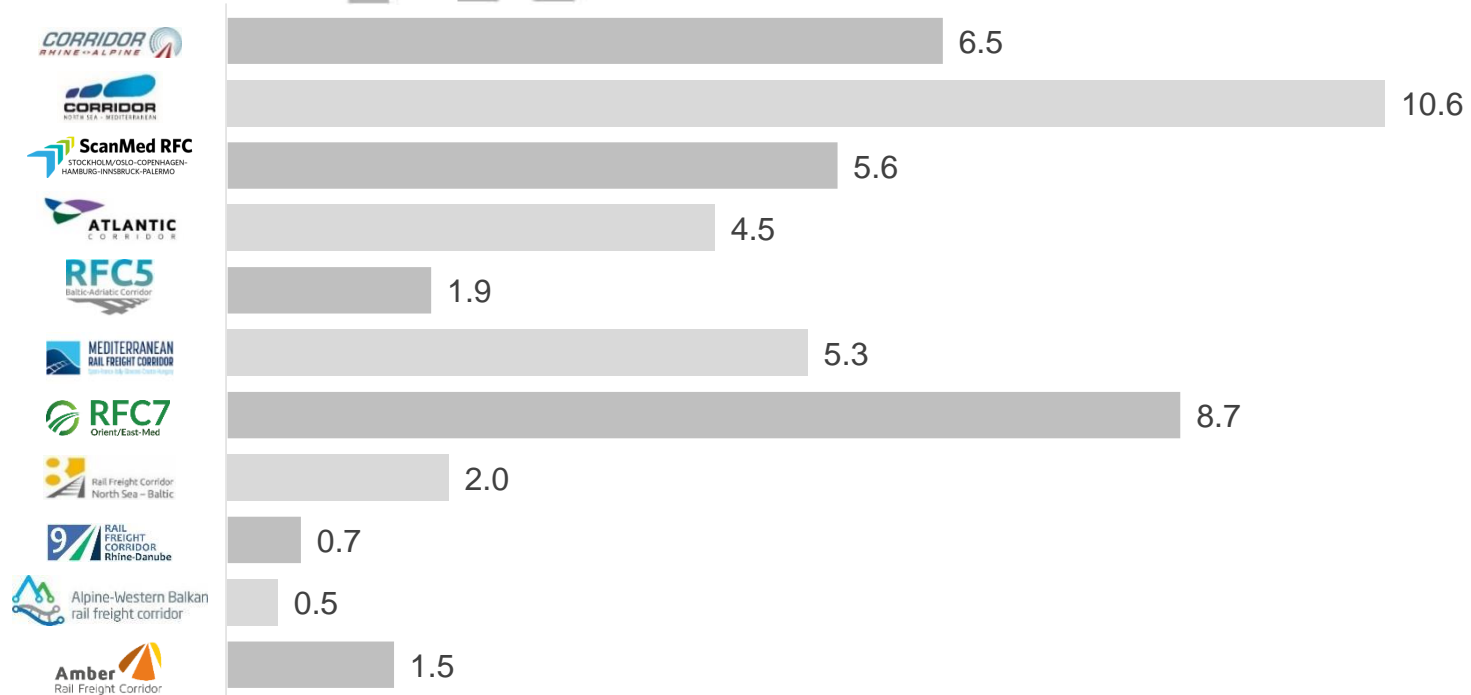
For TT 2022

**The figures refer to the capacity which the C-OSS of the RFC concerned publishes and pre-allocates. These might therefore not reflect the total amount of offered and pre-allocated PaPs along the RFC.*

CAPACITY MANAGEMENT

Volume of requested capacity – PaPs (at X-8)

(millions of path kilometers)

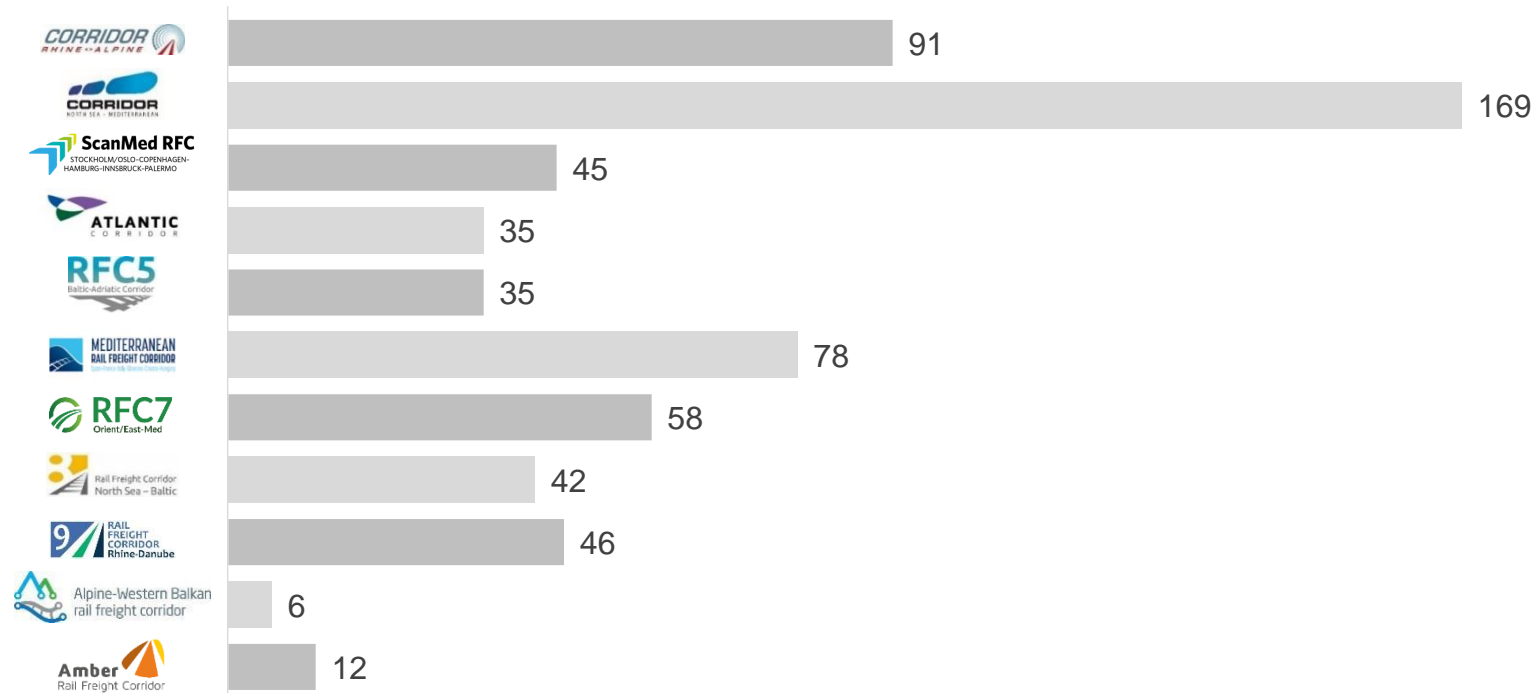


For TT 2022

**The figures refer to the capacity which the C-OSS of the RFC concerned publishes and pre-allocates. These might therefore not reflect the total amount of offered and pre-allocated PaPs along the RFC.*

CAPACITY MANAGEMENT

Number of requests – PaPs (at X-8) (number of PCS dossiers)

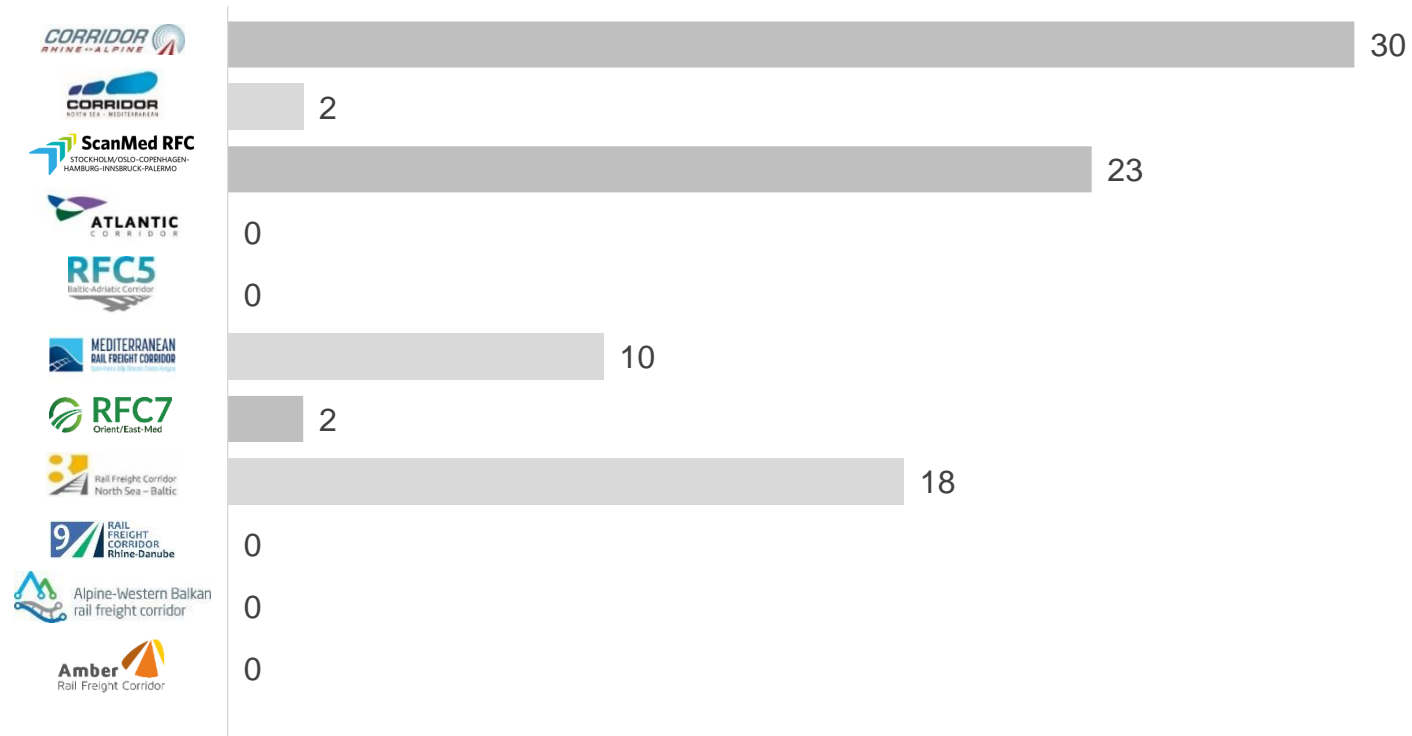


For TT 2022

**The figures refer to the capacity which the C-OSS of the RFC concerned publishes and pre-allocates. These might therefore not reflect the total amount of offered and pre-allocated PaPs along the RFC.*

CAPACITY MANAGEMENT

Number of conflicts – PaPs (at X-8) (number of conflicting PCS dossiers)

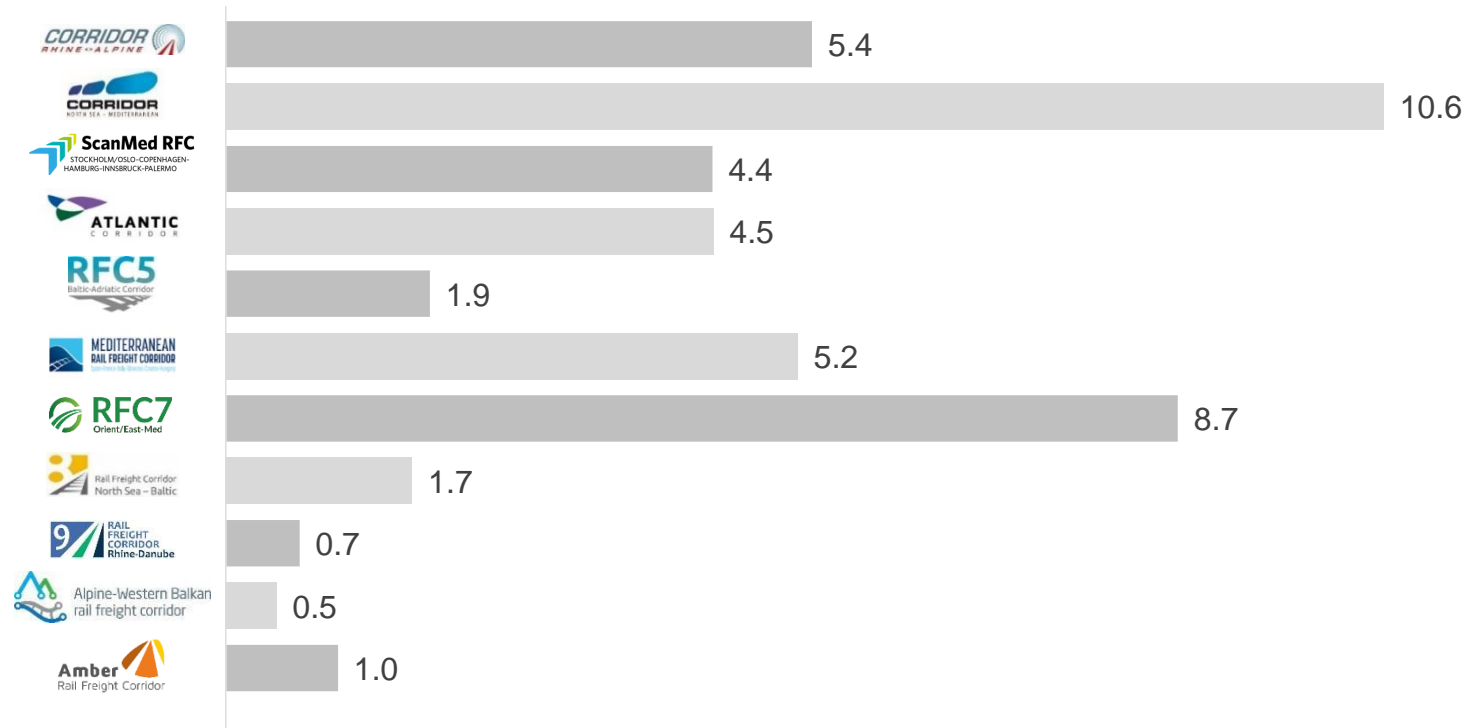


For TT 2022

**The figures refer to the capacity which the C-OSS of the RFC concerned publishes and pre-allocates. These might therefore not reflect the total amount of offered and pre-allocated PaPs along the RFC.*

CAPACITY MANAGEMENT

Volume of pre-booked capacity – PaPs (at X-7.5) (millions of path kilometers)

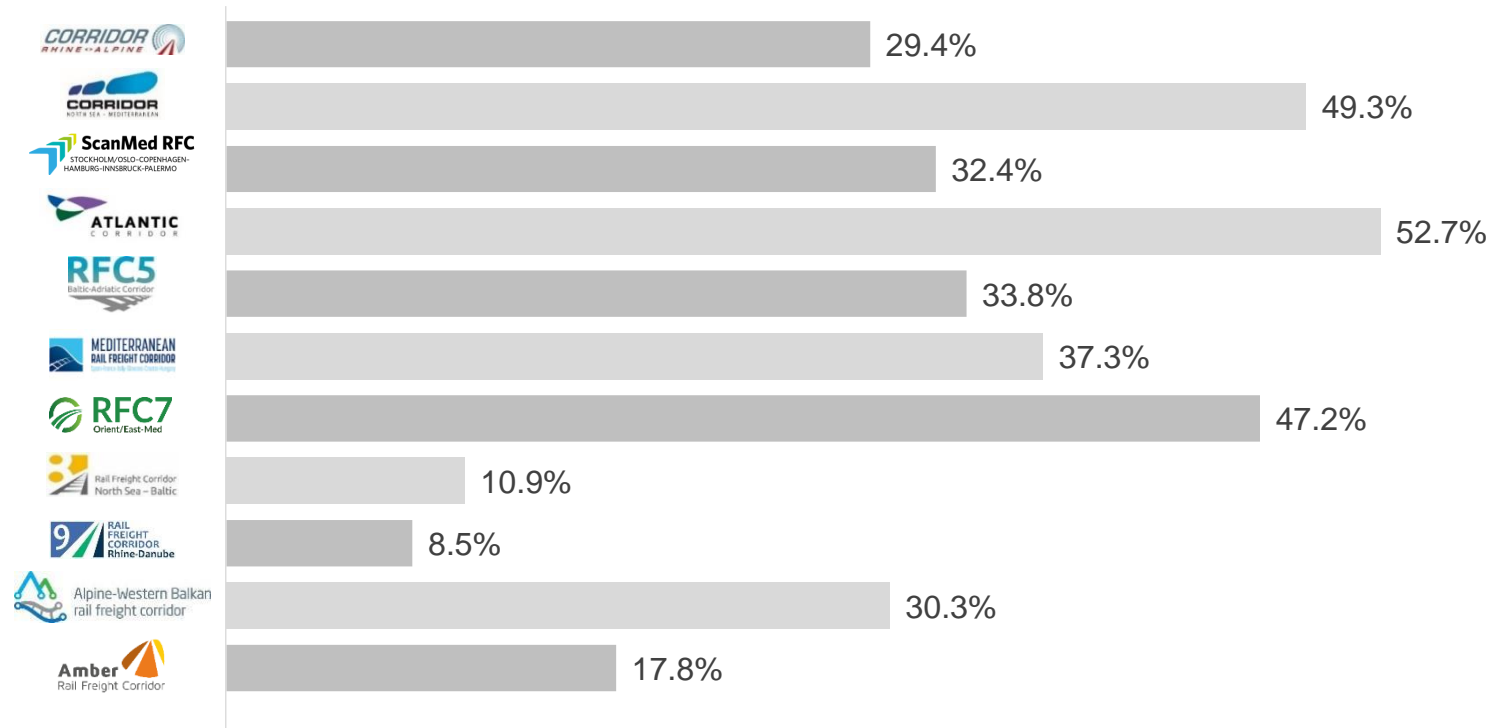


For TT 2022

**The figures refer to the capacity which the C-OSS of the RFC concerned publishes and pre-allocates. These might therefore not reflect the total amount of offered and pre-allocated PaPs along the RFC.*

CAPACITY MANAGEMENT

Ratio of pre-booked capacity – PaPs (at X-7.5) (to the volume of capacity offered at x-11)



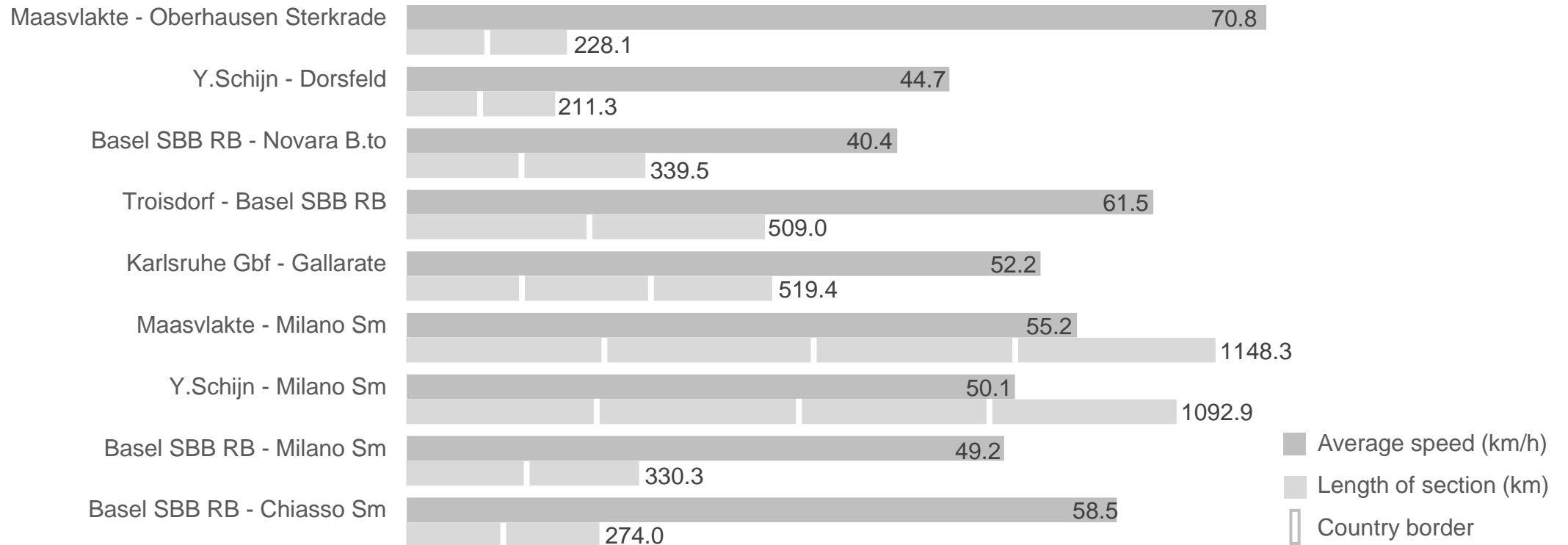
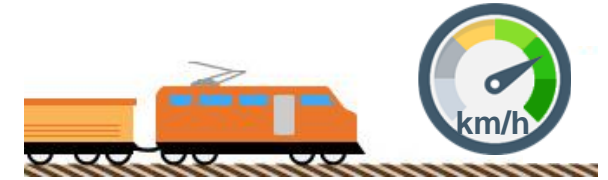
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For TT 2022

CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

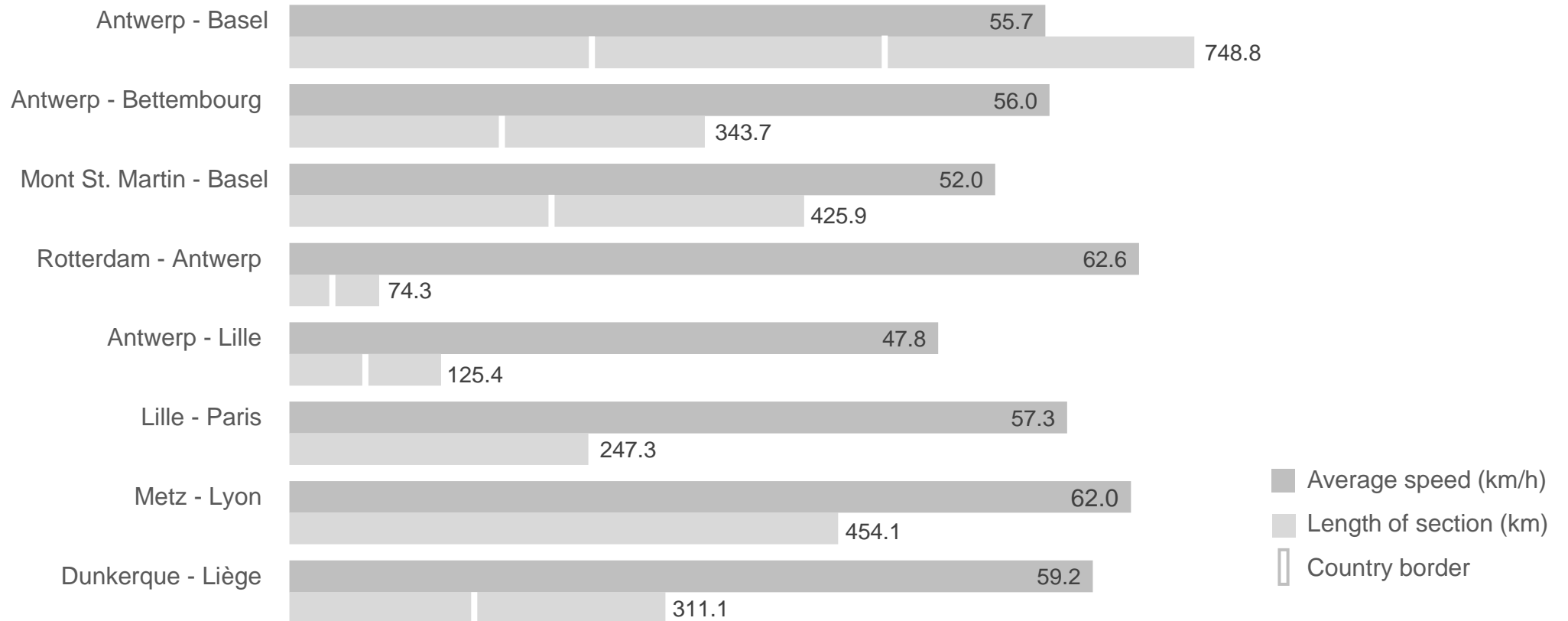
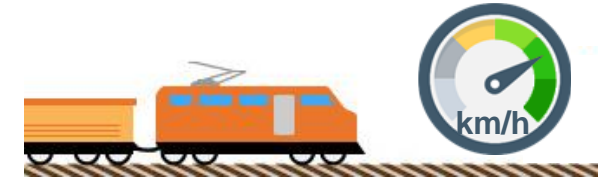


**This KPI should be perceived as qualitative as journey times might include commercial and operational stops.*

CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

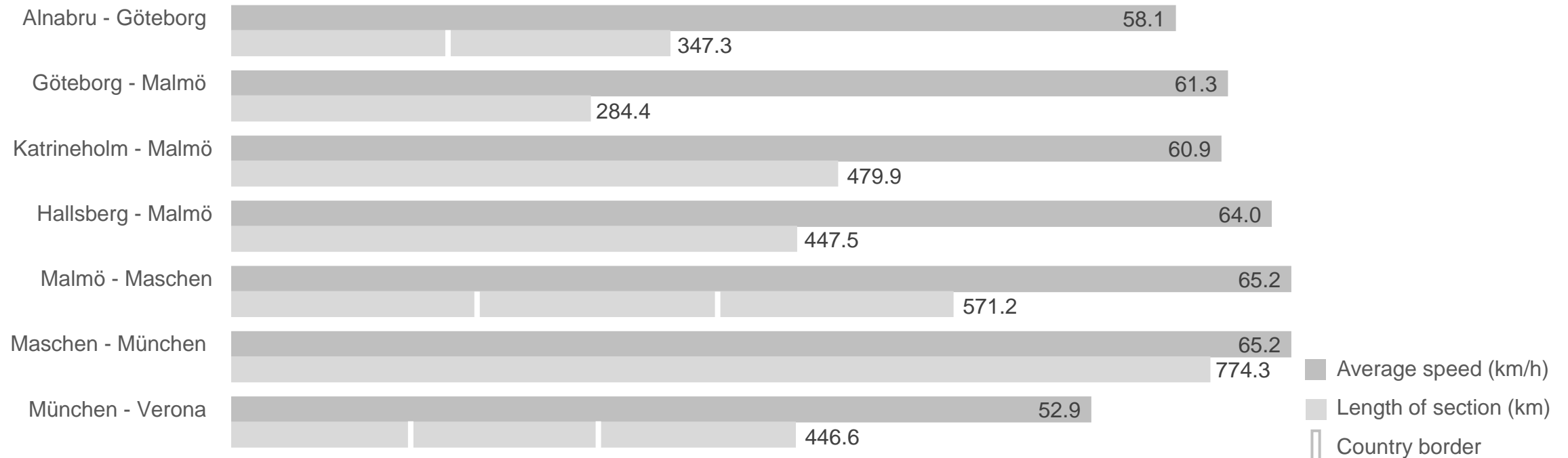
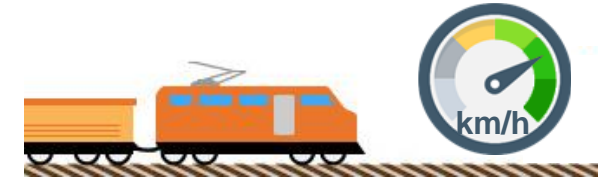


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

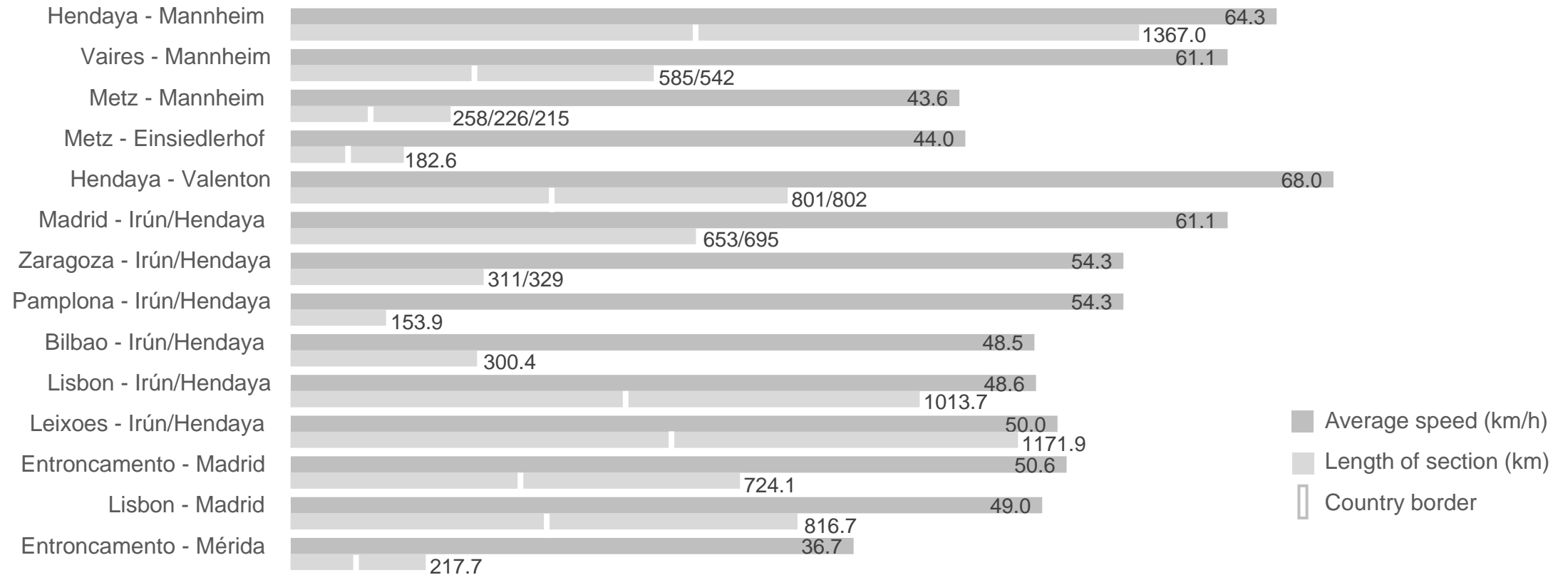
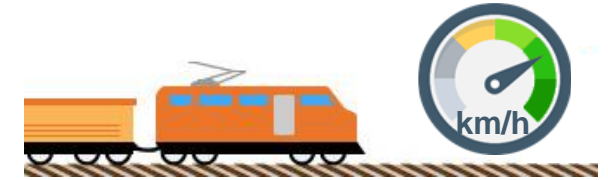


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

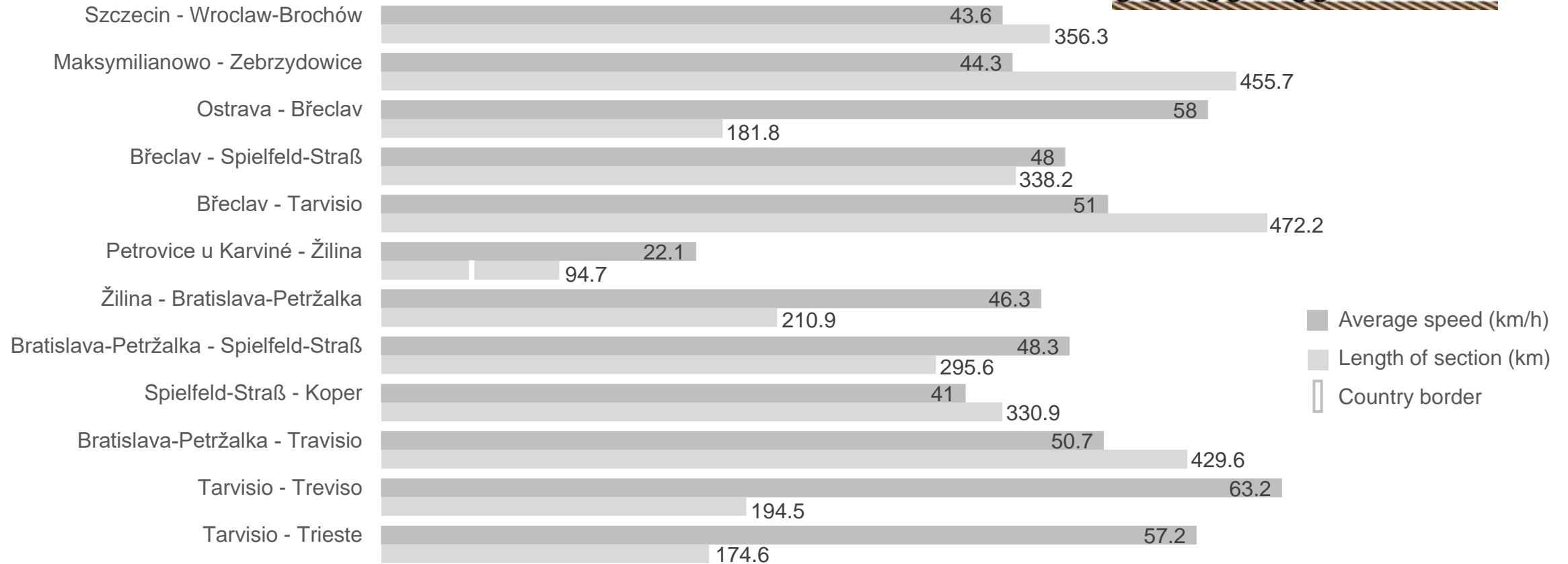
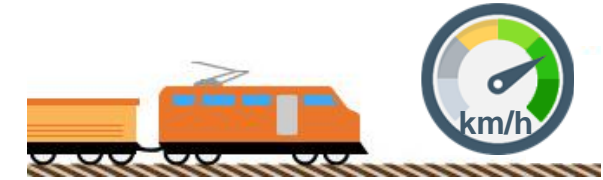


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

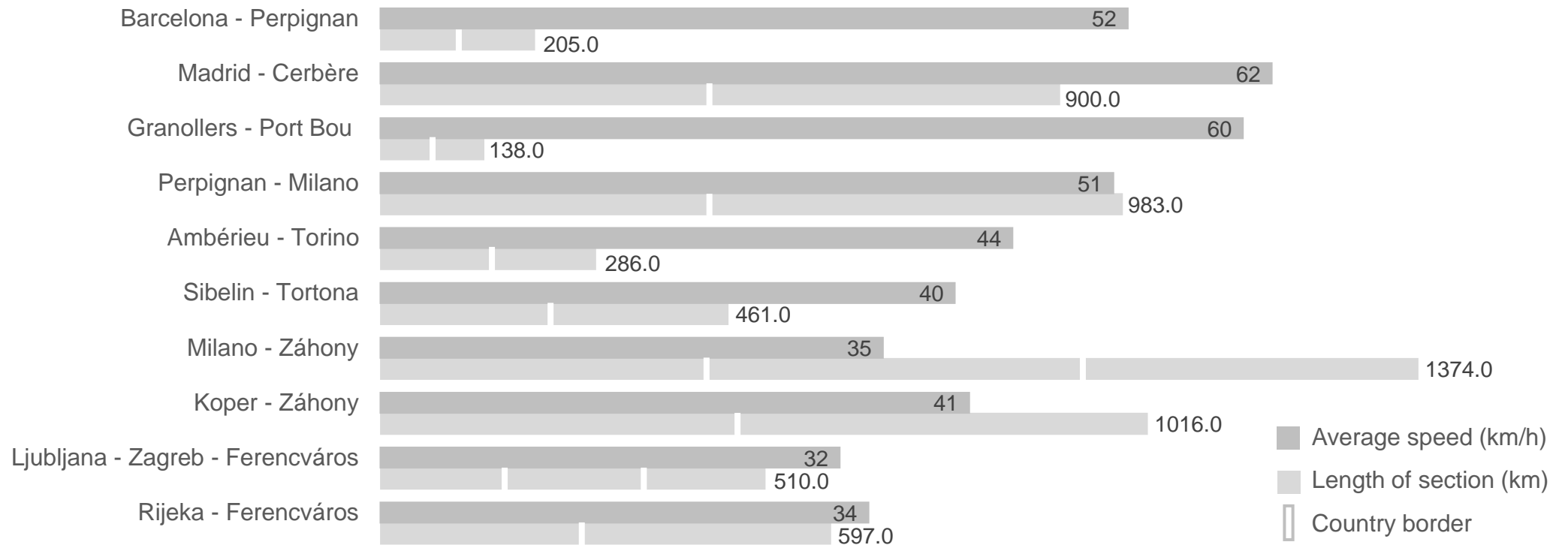
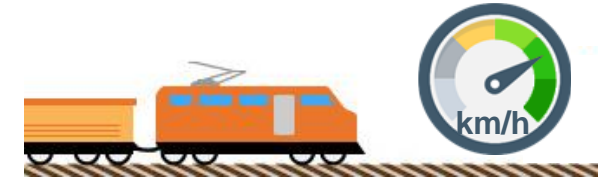


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

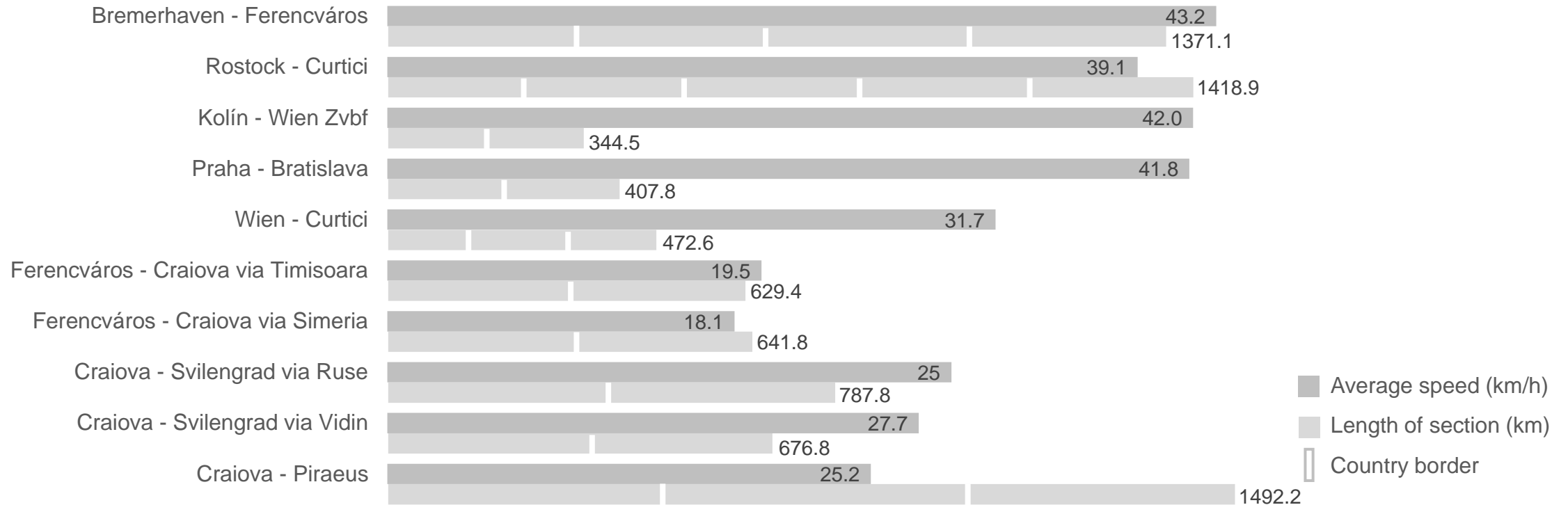
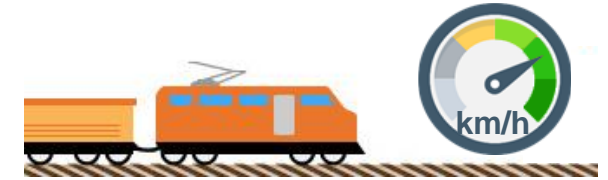
(calculation per O/D pairs)



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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022 (calculation per O/D pairs)

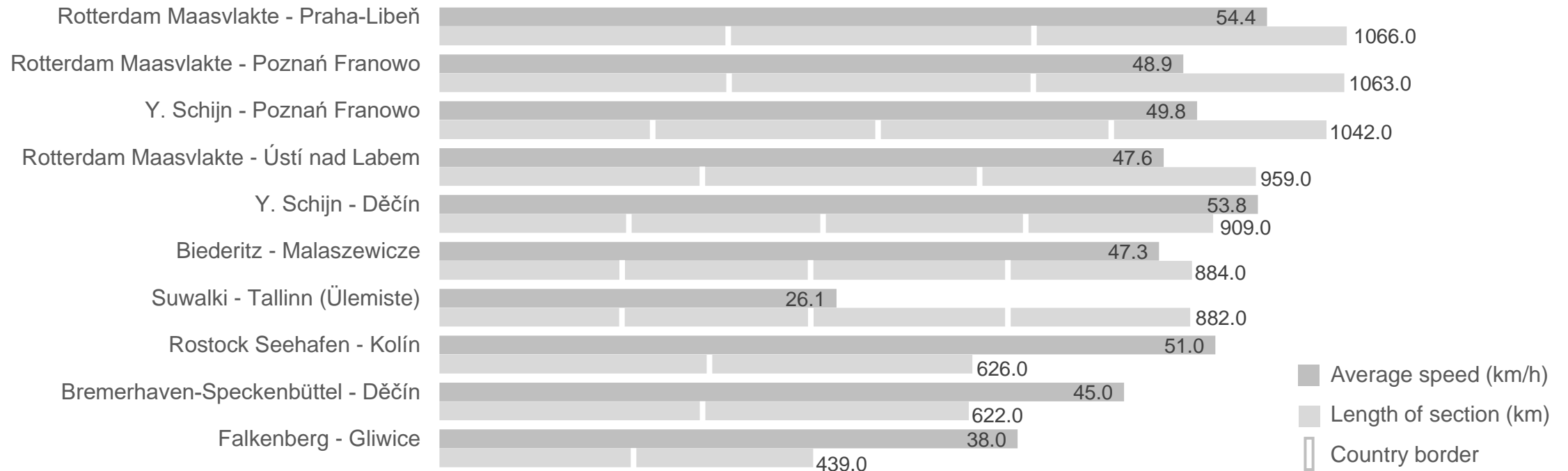
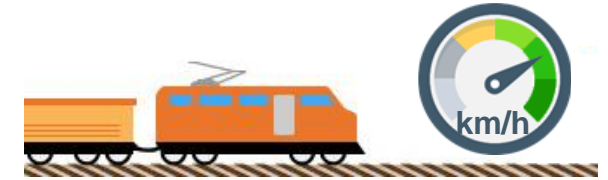


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

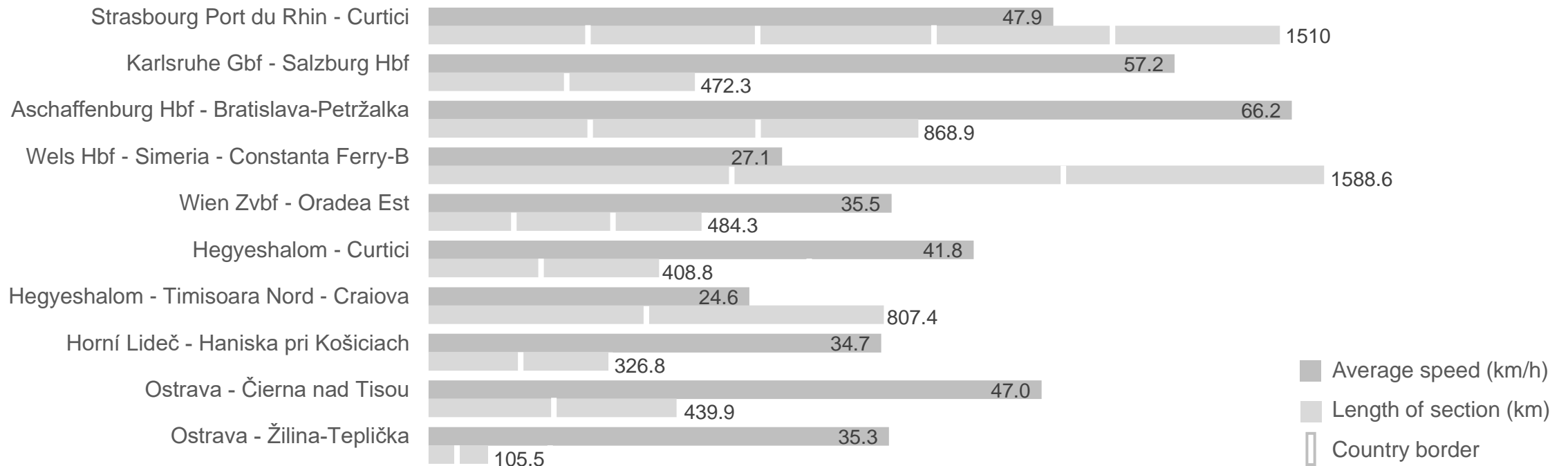
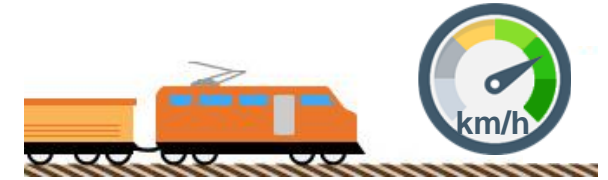


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

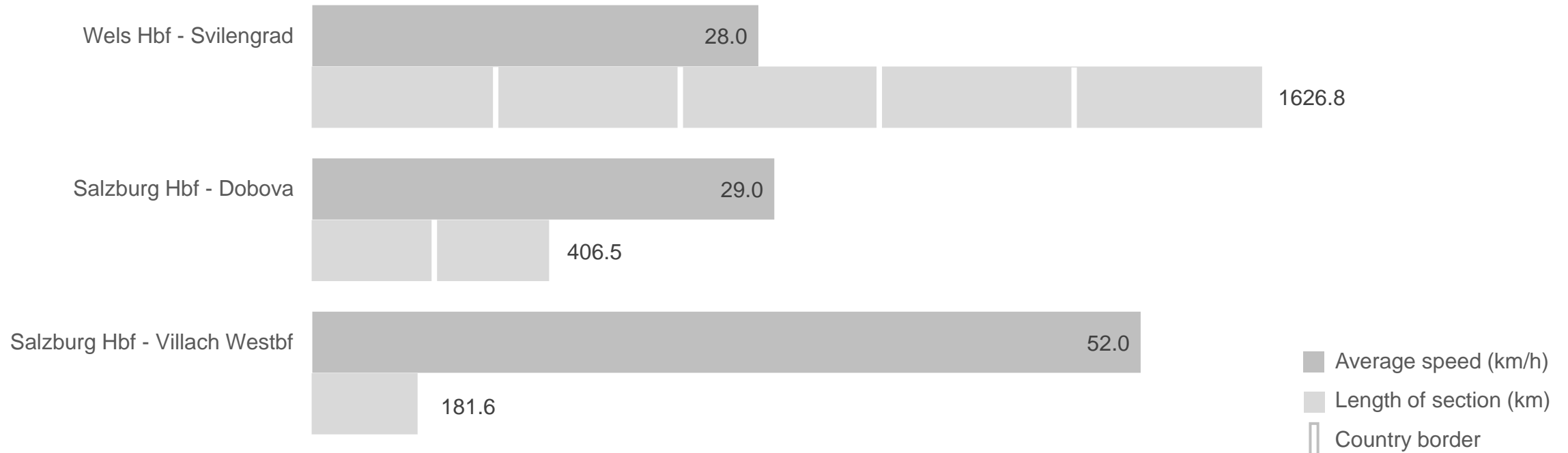
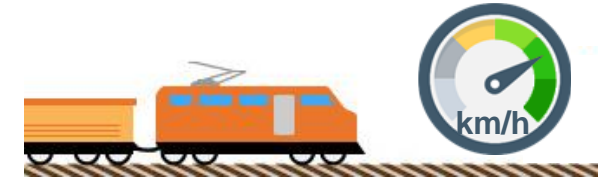


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

(calculation per O/D pairs)

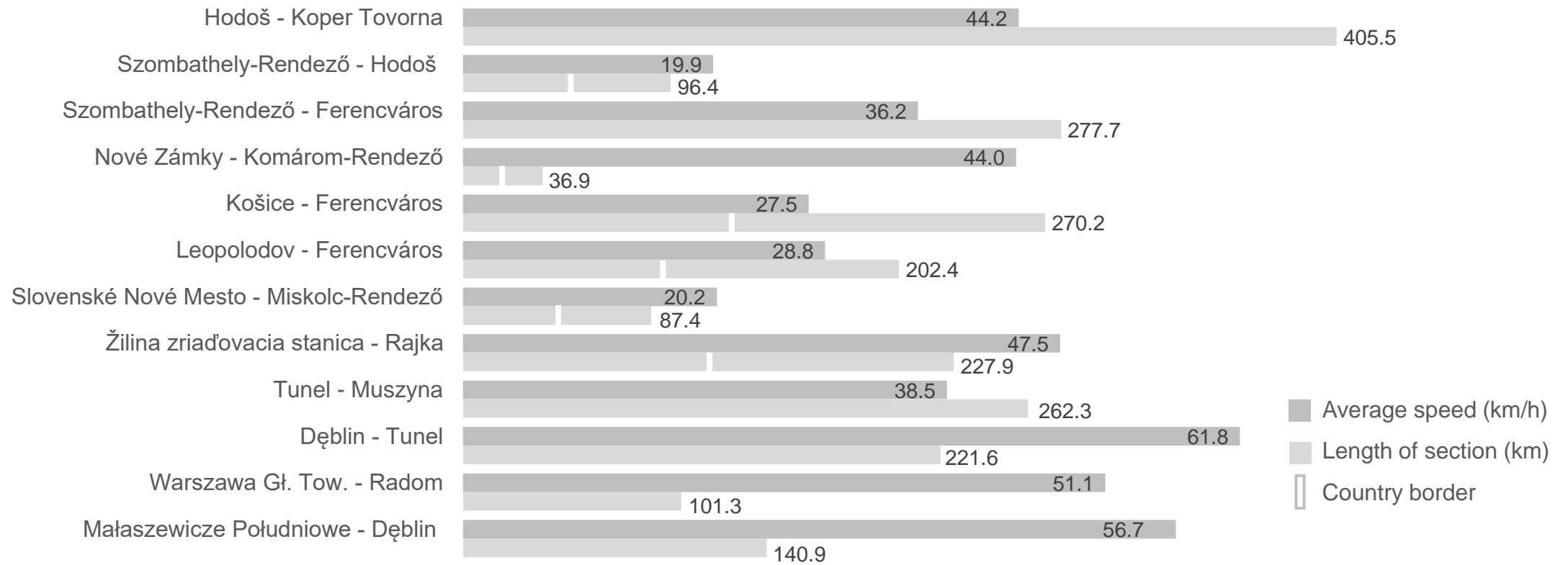
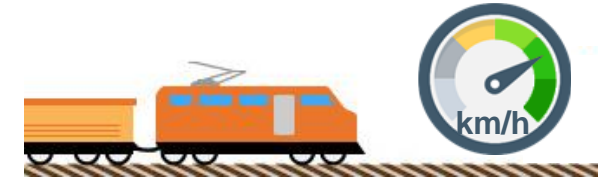


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CAPACITY MANAGEMENT

Average planned speed of PaPs for TT 2022

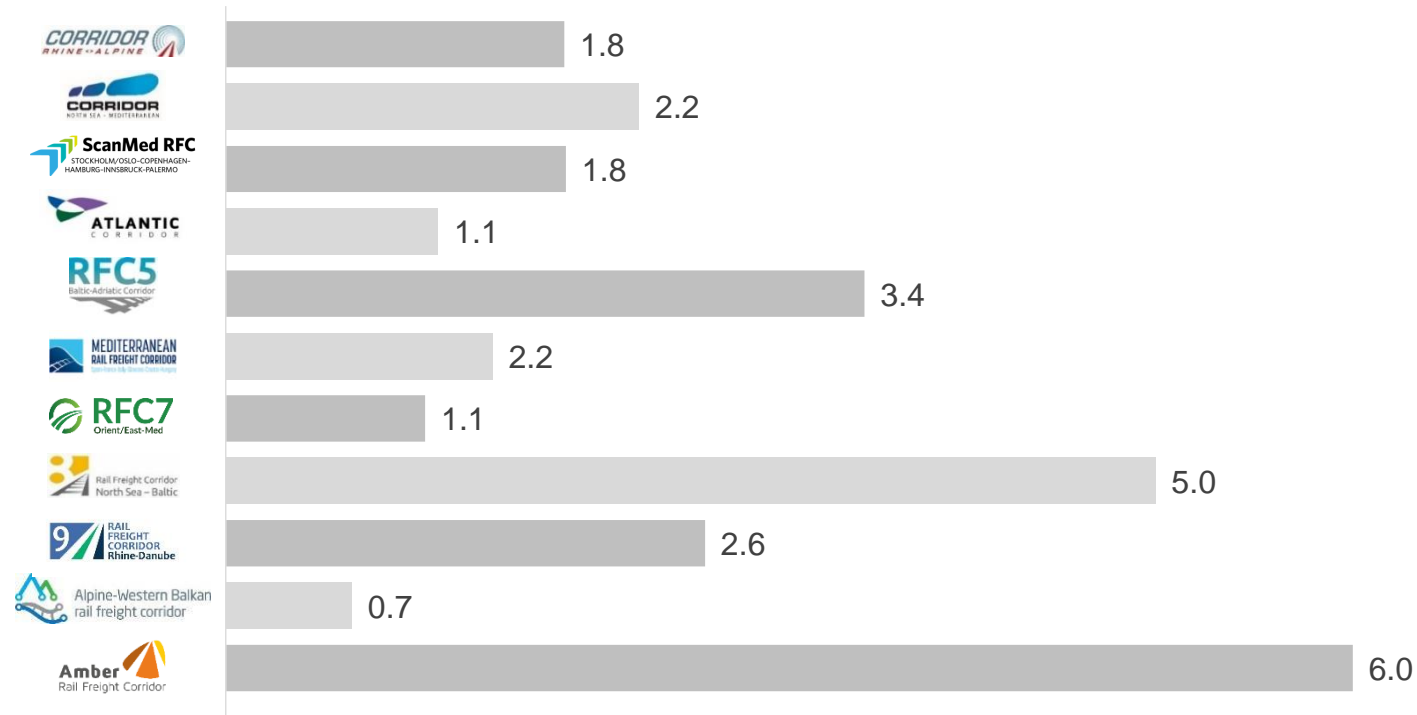
(calculation per O/D pairs)



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CAPACITY MANAGEMENT

Volume of offered capacity – Reserve Capacity (at X-2) (millions of path kilometers)

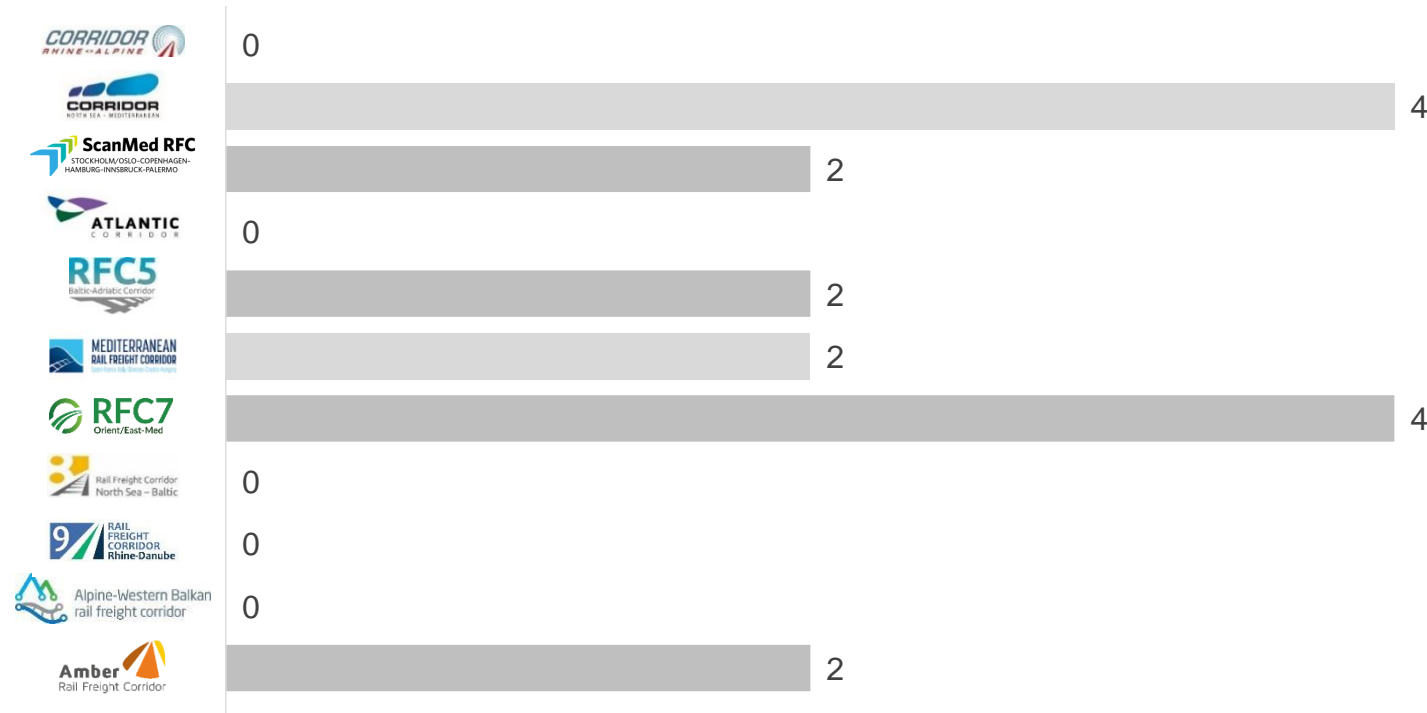


**The figures refer to the capacity which the C-OSS of the RFC concerned publishes and pre-allocates. These might therefore not reflect the total amount of offered and pre-allocated PaPs along the RFC.*

For TT 2022

CAPACITY MANAGEMENT

Number of requests – Reserve Capacity (at X+12) (number of PCS dossiers)

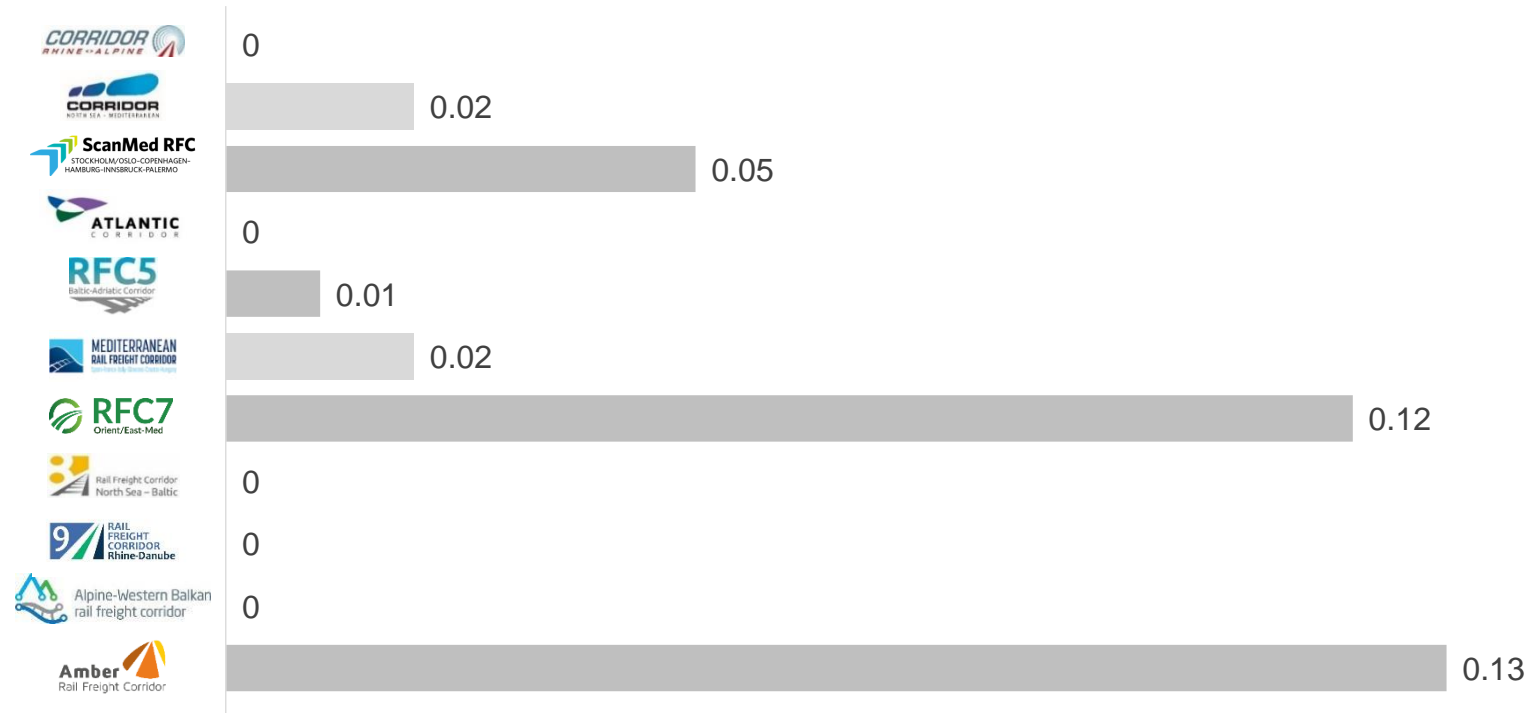


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For TT 2022

CAPACITY MANAGEMENT

Volume of requested capacity – Reserve Capacity (at X+12) (millions of path kilometers)

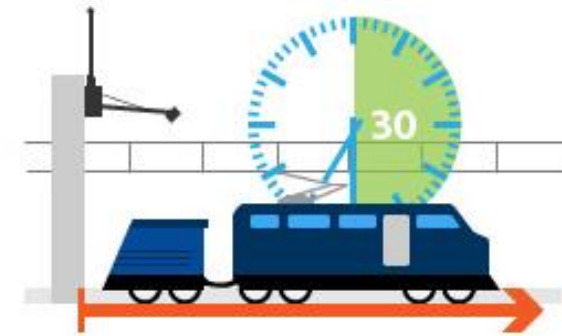
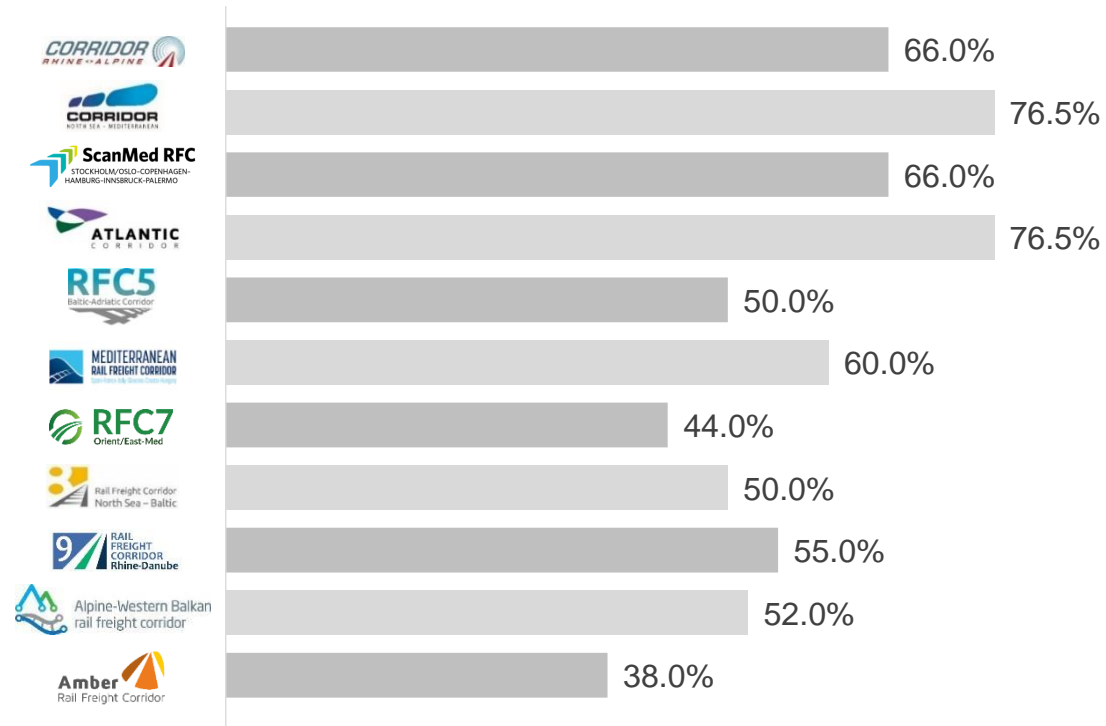


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For TT 2022

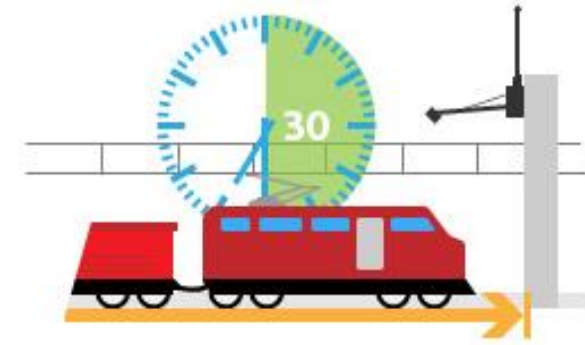
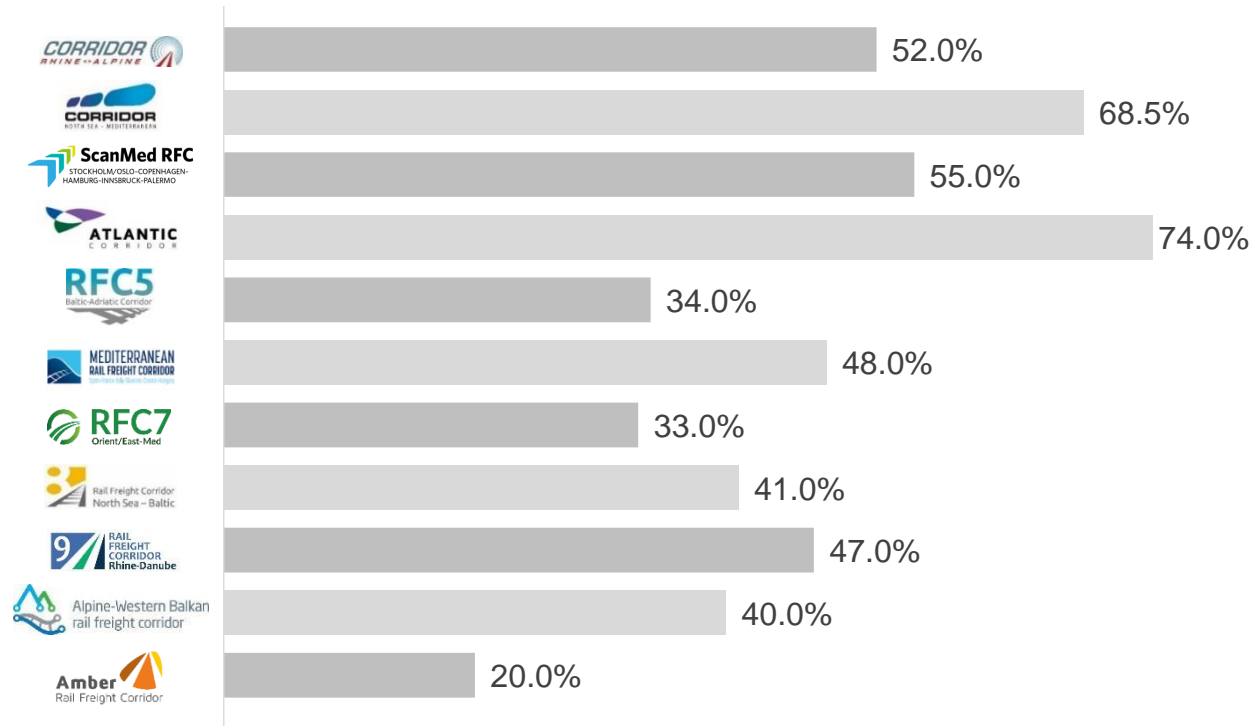
OPERATIONS

Punctuality at origin (RFC entry) (delay ≤ 30 minutes)



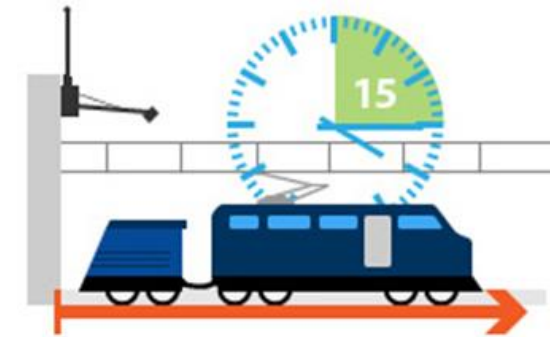
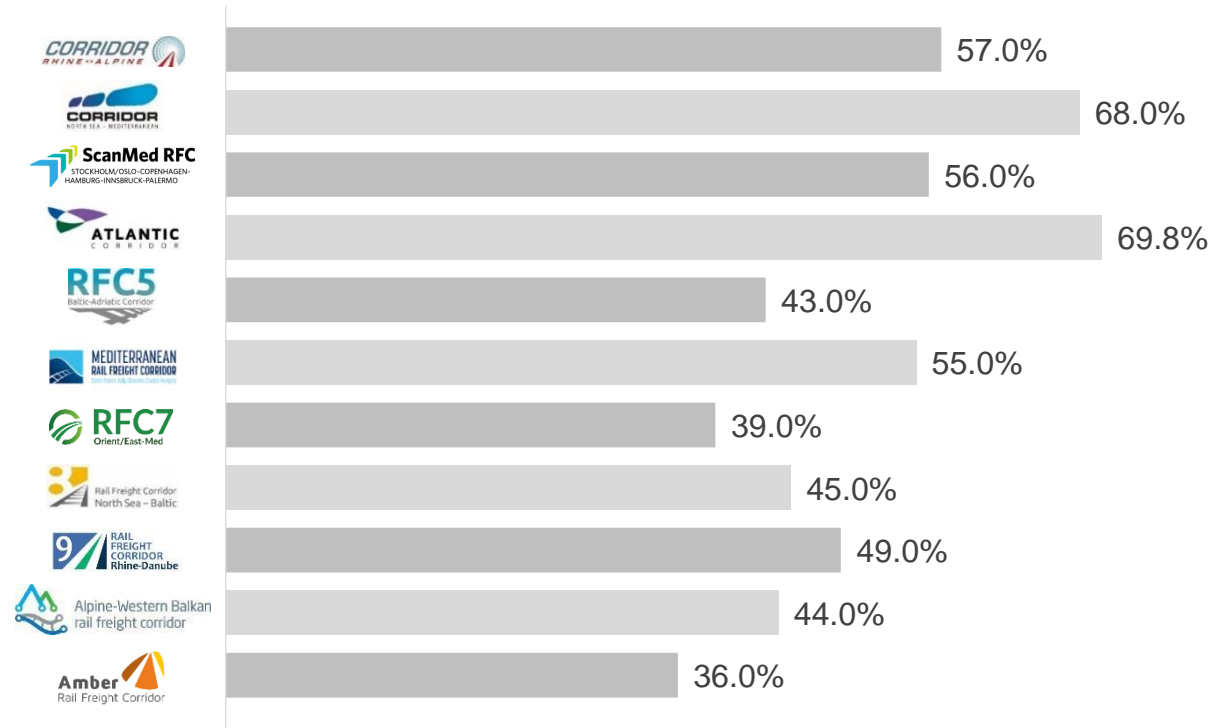
OPERATIONS

Punctuality at destination (RFC exit) (delay ≤ 30 minutes)



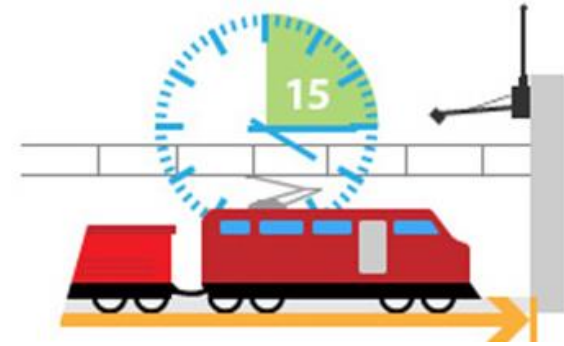
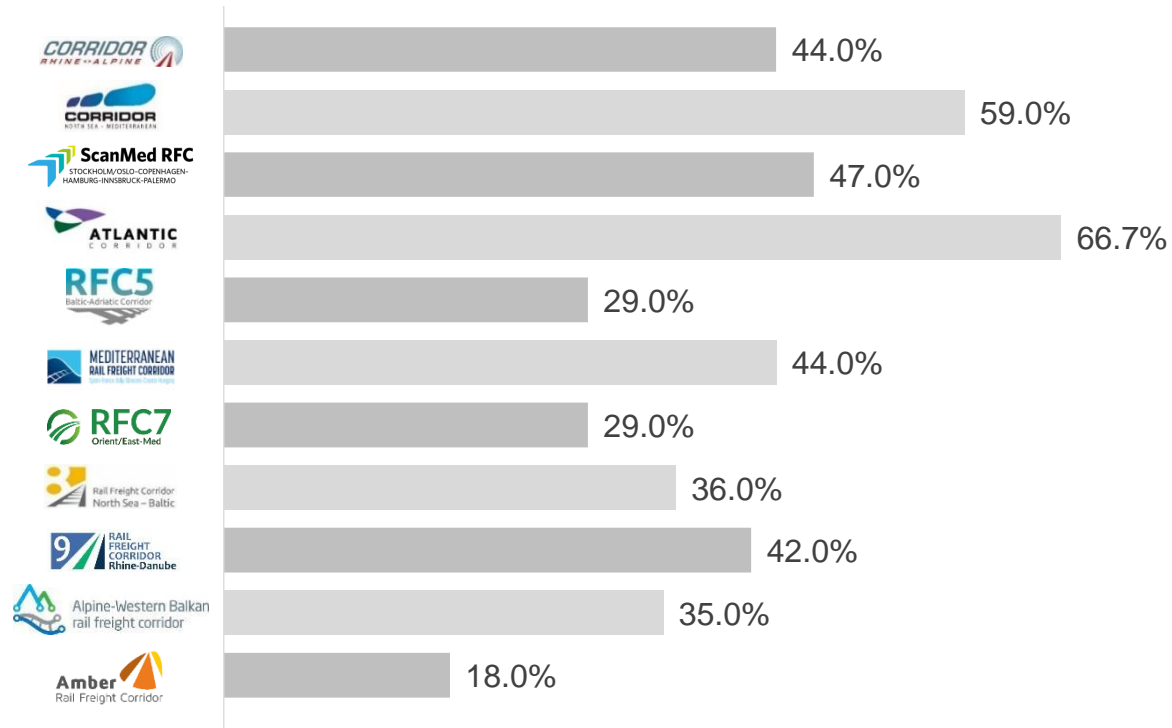
OPERATIONS

Punctuality at origin (RFC entry) (delay \leq 15 minutes)



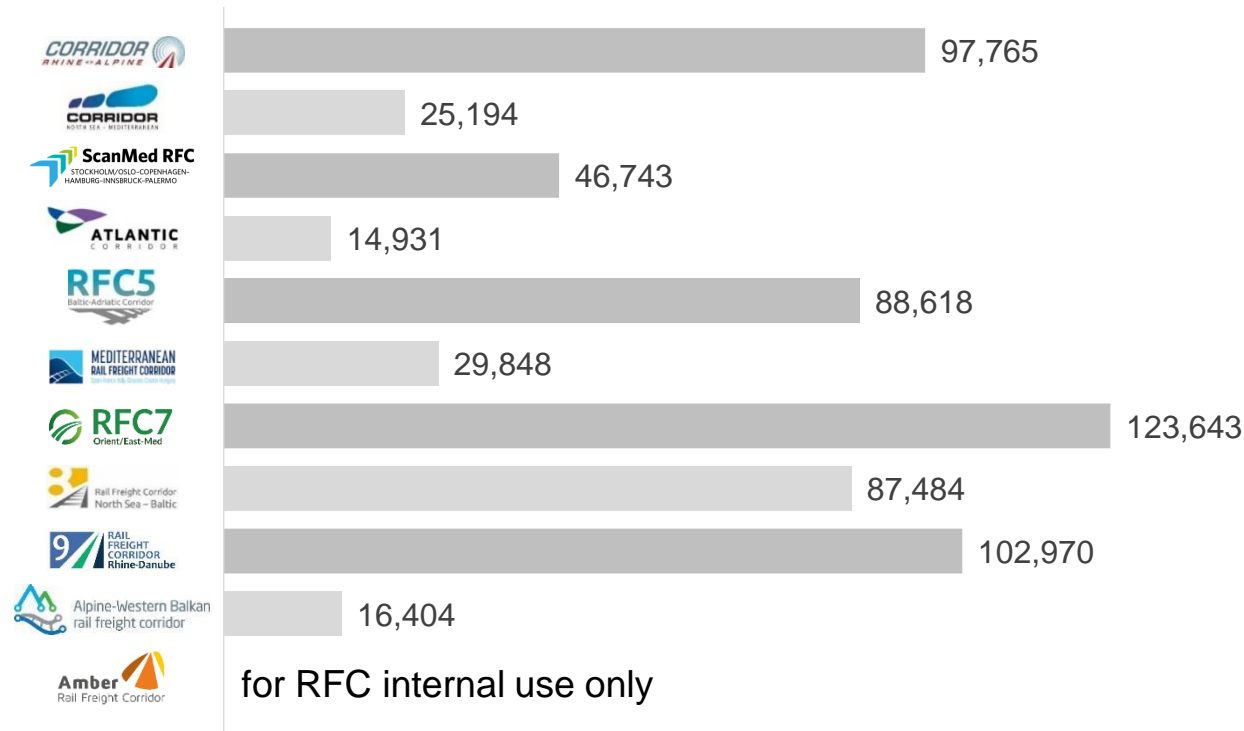
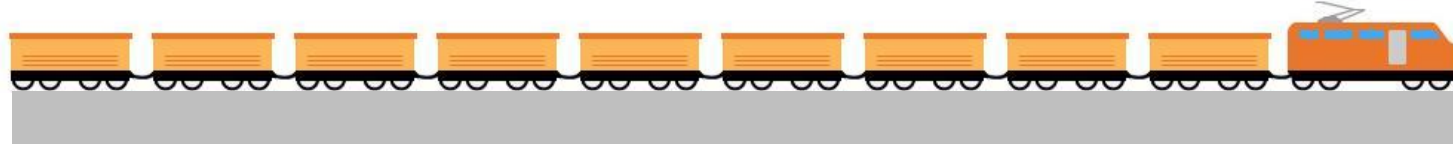
OPERATIONS

Punctuality at destination (RFC exit) (delay ≤ 15 minutes)



OPERATIONS

Number of trains crossing a border along the RFC*

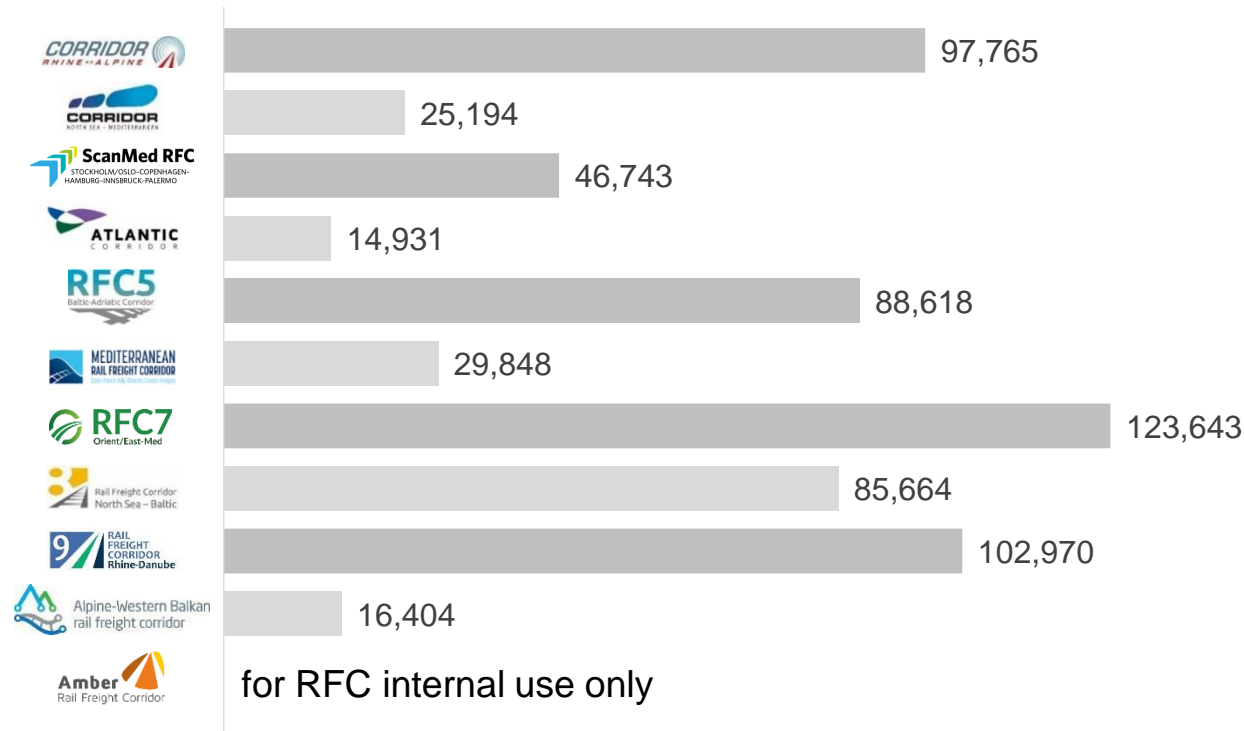
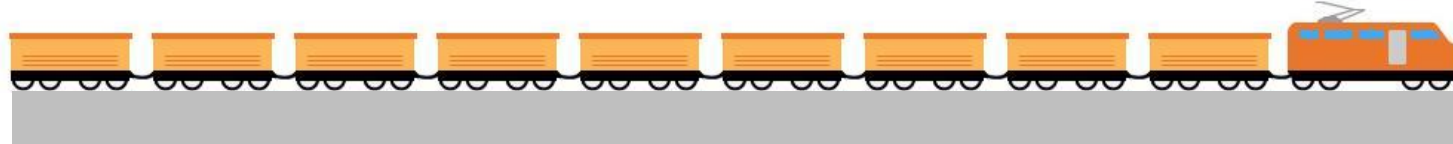


*The calculation of this KPI is based on data in RNE's TIS. International freight trains crossing a border of an RFC are considered in the calculation.

*For RFC 8 in 2021 two different measuring methodologies were used. Total trains measured using agreed methodology from 2019 to 2021.

OPERATIONS

Number of trains crossing a border along the RFC*



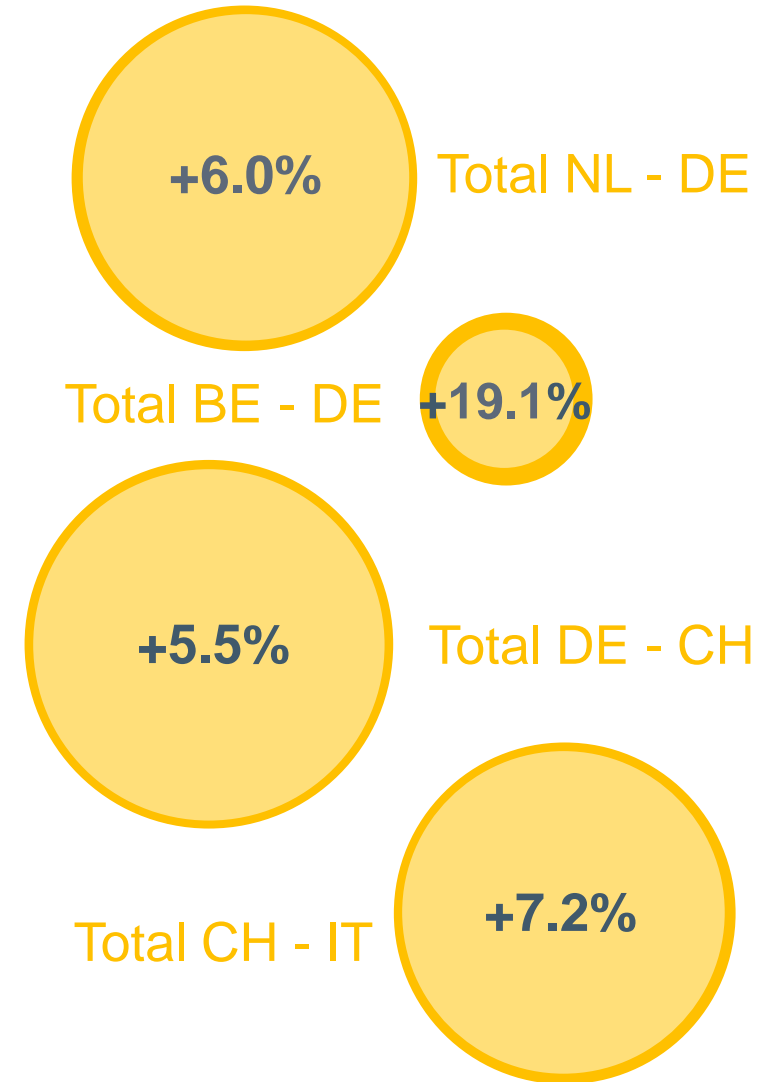
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*For RFC 8 in 2021 two different measuring methodologies were used. Total trains measured using agreed methodology from 2021 to 2023.

MARKET DEVELOPMENT

Number of trains per border*

	2019	2020	2021
Total NL - DE:	45,367	43,572	46,175
Total BE - DE:	23,268	19,694	23,446
Total DE - CH:	53,938	47,387	50,005
Total CH - IT:	47,182	42,719	45,782

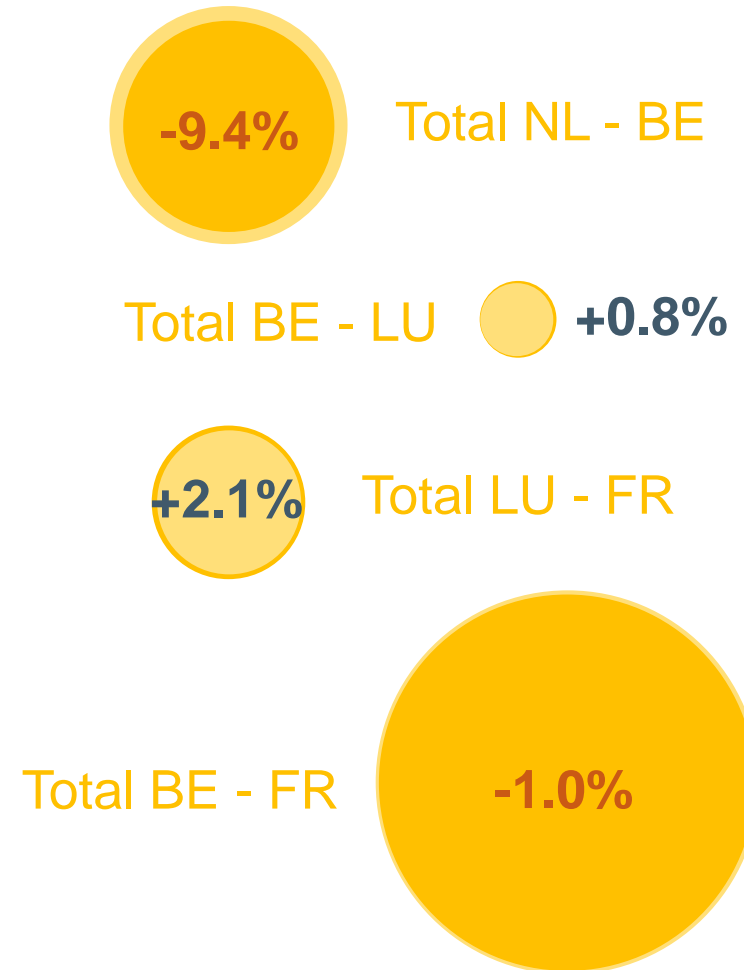


*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

MARKET DEVELOPMENT

Number of trains per border - Part 1*

	2019	2020	2021
Total NL - BE:	9,724	9,402	8,518
Total BE - LU:	4,653	2,211	2,229
Total LU - FR:	7,095	5,846	5,966
Total BE - FR:	14,760	13,962	13,816



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MARKET DEVELOPMENT

Number of trains per border - Part 2*

	2019	2020	2021	
Total GB - FR:	2,411	1,945	1,902	● -2.2% Total GB - FR
Total FR - CH:	7,207	5,760	5,105	Total FR - CH ● -11.4%

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MARKET DEVELOPMENT

Number of trains per border*

	2019	2020	2021
Kornsjø:	920	951	1,229
Lernacken:	8,999	7,858	6,965
Padborg/Flensburg:	10,441	9,434	9,116
Kufstein:	26,003	23,684	25,960
Brenner/Brennero:	19,960	18,775	19,866

 **+29.2%** Kornsjø

Lernacken  **-11,4%**

 **-3,4%** Padborg/Flensburg

Kufstein  **+9.6%**

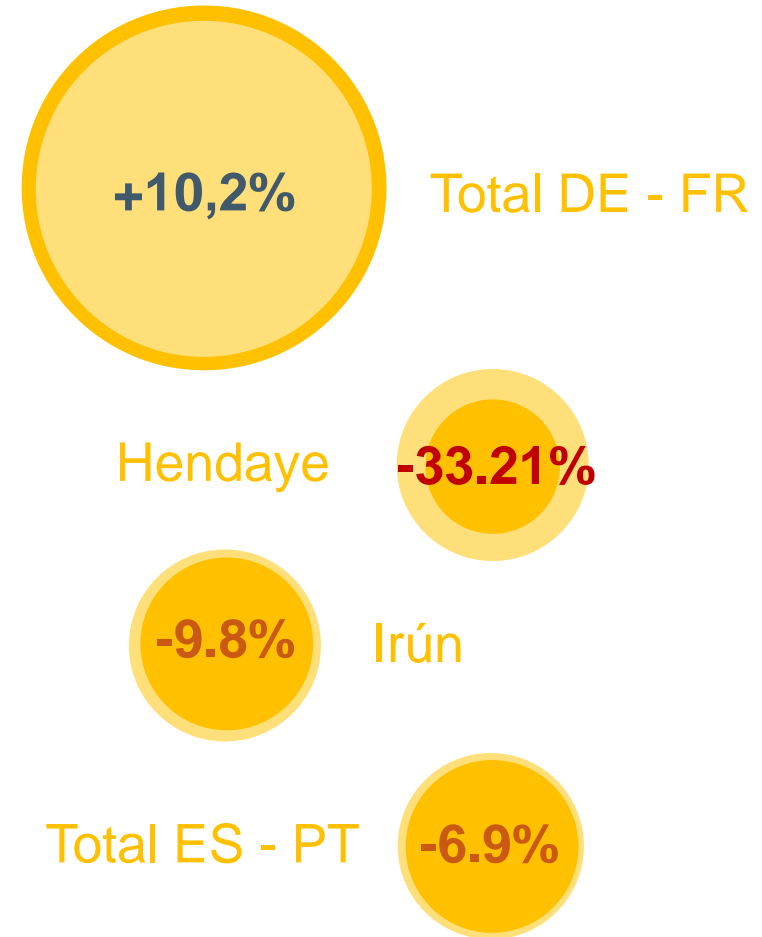
 **+5,8%** Brenner/Brennero

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MARKET DEVELOPMENT

Number of trains per border*

	2019	2020	2021
Total DE - FR:	8,993	8,857	9,759
Hendaye:	2,432	2,713	1,812
Irún:	2,810	2,732	2,465
Total ES - PT:	2,939	2,652	2,468

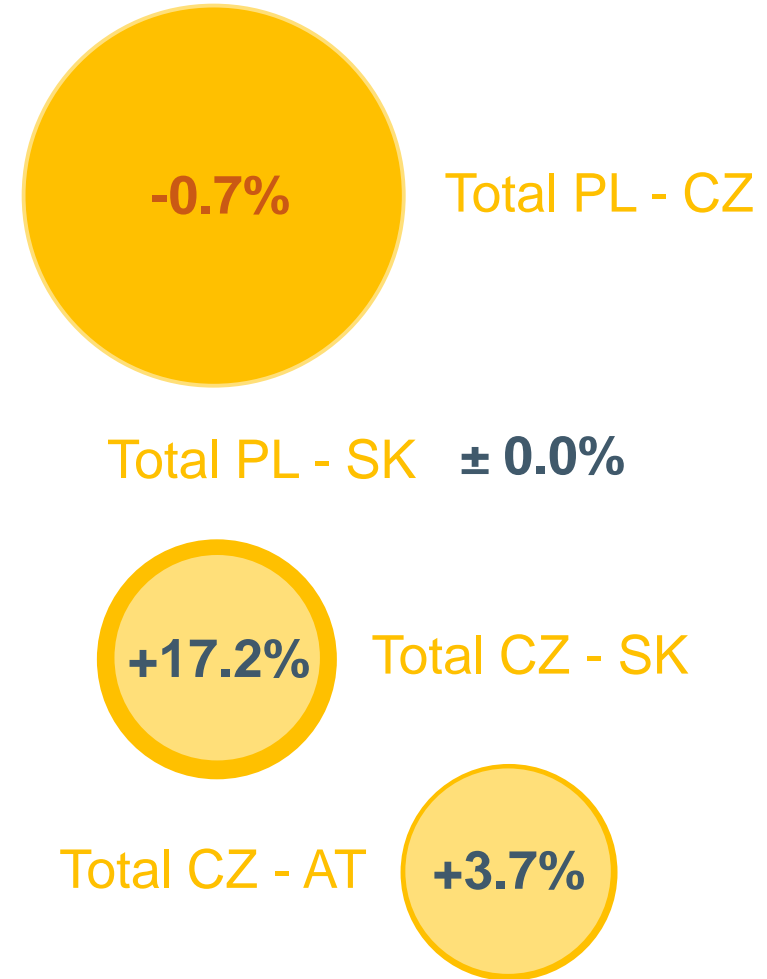


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MARKET DEVELOPMENT

Number of trains per border - Part 1*

	2019	2020	2021
Total PL - CZ:	26,139	25,150	24,985
Total PL - SK:	7	0	0
Total CZ - SK:	12,076	11,451	13,418
Total CZ - AT:	12,753	11,395	11,816

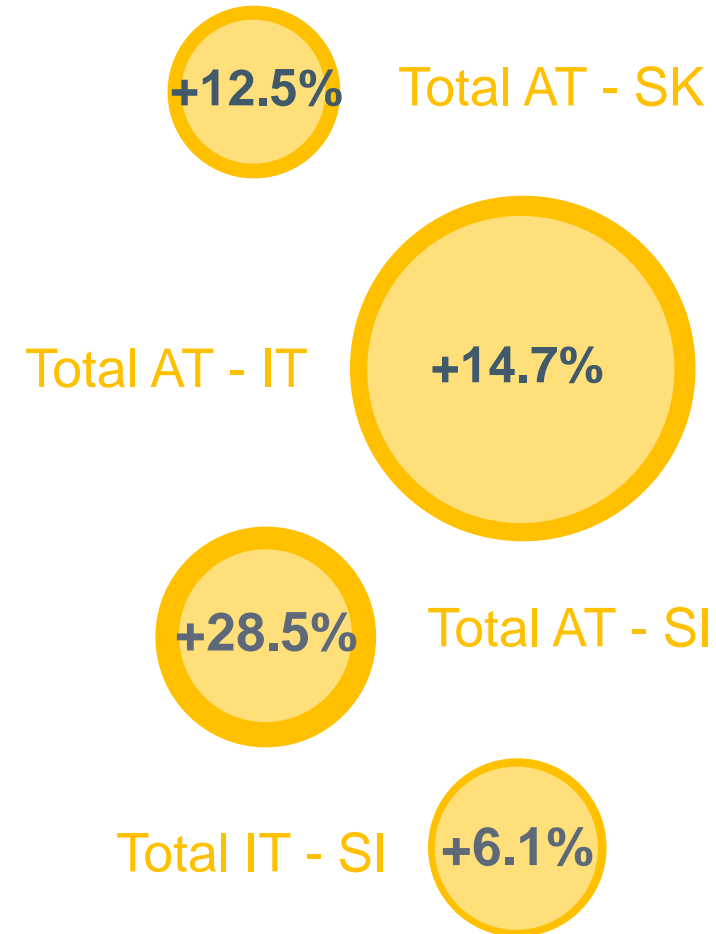


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MARKET DEVELOPMENT

Number of trains per border - Part 2*

	2019	2020	2021
Total AT - SK:	8,155	7,744	8,714
Total AT - IT:	18,000	17,512	20,084
Total AT - SI:	7,164	8,891	11,429
Total IT - SI:	7,186	8,455	8,973

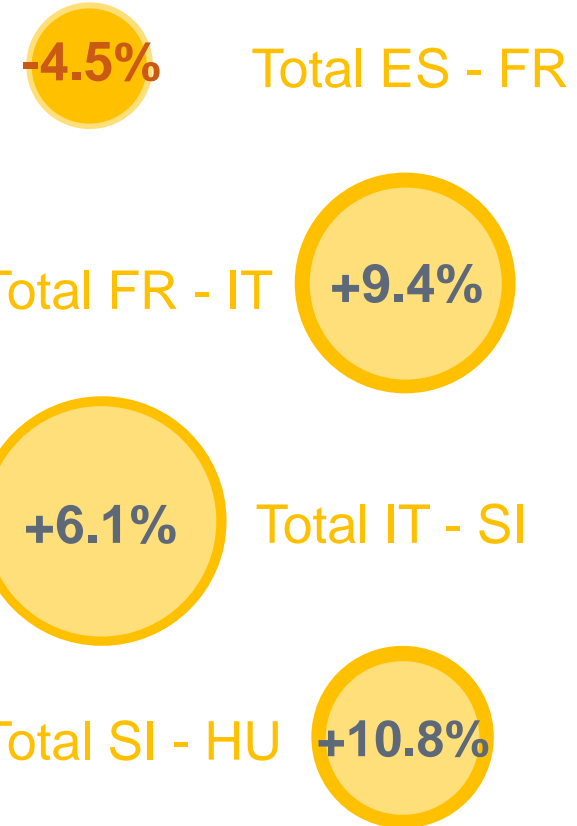


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MARKET DEVELOPMENT

Number of trains per border - Part 1*

	2019	2020	2021
Total ES - FR:	N/A	4,778	4,562
Total FR - IT:	N/A	7,530	8,271
Total IT - SI:	7,186	8,455	8,973
Total SI - HU:	N/A	6,097	6,755



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MARKET DEVELOPMENT

Number of trains per border - Part 2*

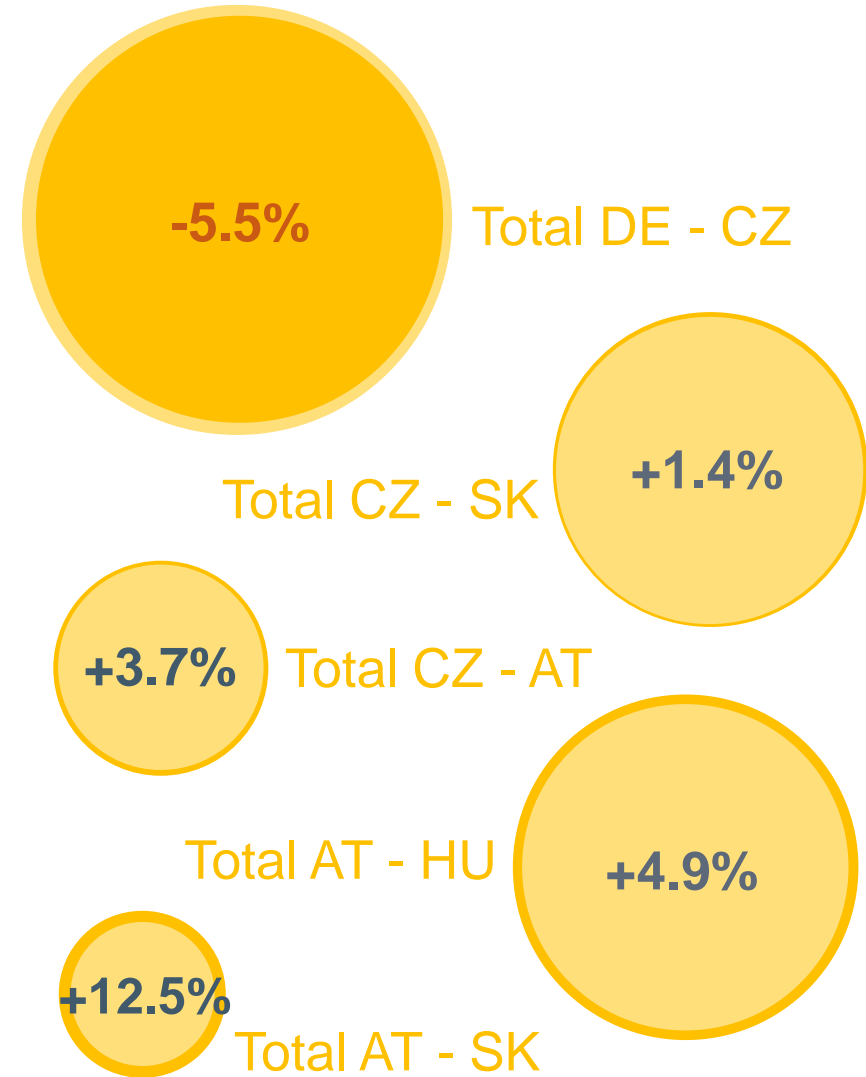
	2019	2020	2021		
Total SI - HR:	N/A	7,300	7,161	-1.9%	Total SI - HR
Total HR - HU:	N/A	8,001	7,091		Total HR - HU -11.4%

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MARKET DEVELOPMENT

Number of trains per border - Part 1*

	2019	2020	2021
Total DE - CZ:	31,268	30,408	28,737
Total CZ - SK:	N/A	18,611	18,880
Total CZ - AT:	12,753	11,395	11,816
Total AT - HU:	N/A	19,340	20,289
Total AT - SK:	8,155	7,744	8,714

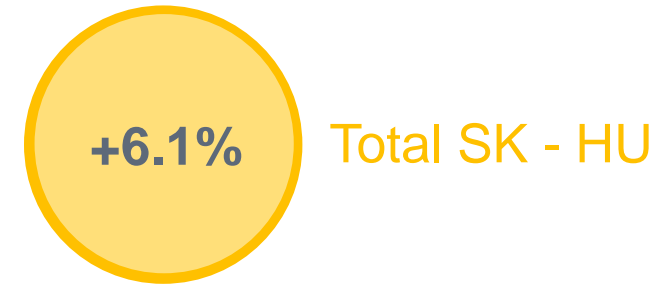


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MARKET DEVELOPMENT

Number of trains per border - Part 2*

	2019	2020	2021
Total SK - HU:	N/A	17,161	18,203
Total HU - RO:	12,164	11,302	11,893
Total RO - BG:	N/A	3,606	3,750
Total BG - GR:	N/A	212	396

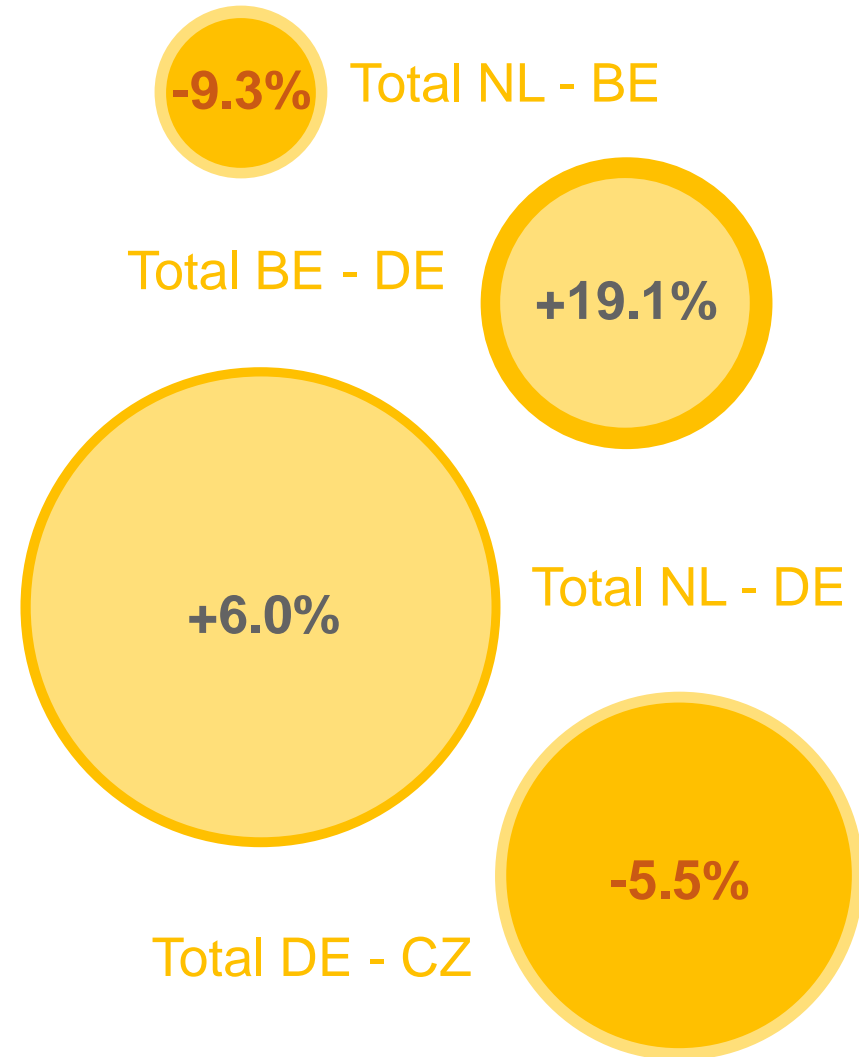


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MARKET DEVELOPMENT

Number of trains per border - Part 1*

	2019	2020	2021
Total NL - BE:	8,875	9,400	8,523
Total BE - DE:	23,268	19,694	23,446
Total NL - DE:	45,115	43,546	46,175
Total DE - CZ:	31,268	30,408	28,737

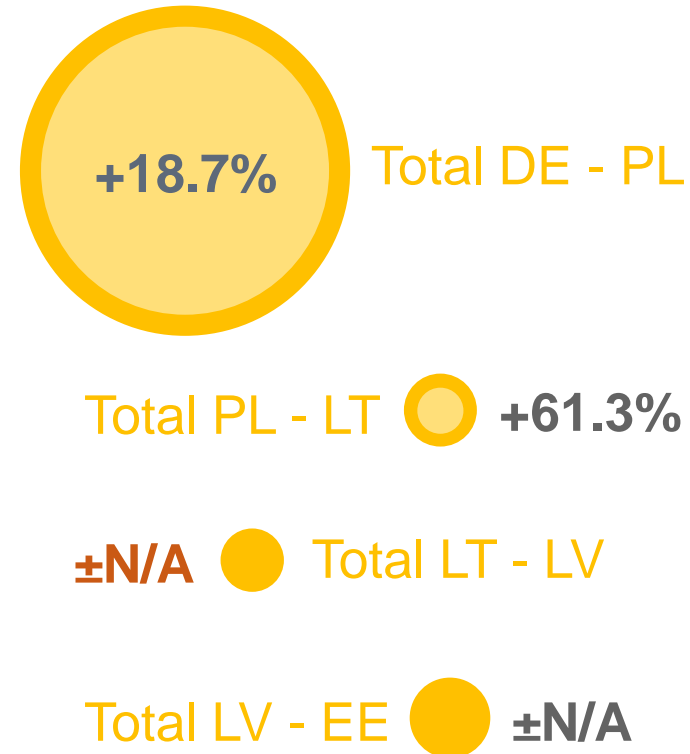


*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

MARKET DEVELOPMENT

Number of trains per border - Part 2*

	2019	2020	2021
Total DE - PL:	21,006	23,052	27,355
Total PL - LT:	942	768	1,239
Total LT - LV:	N/A	N/A	1,035
Total LV - EE:	N/A	N/A	1,597

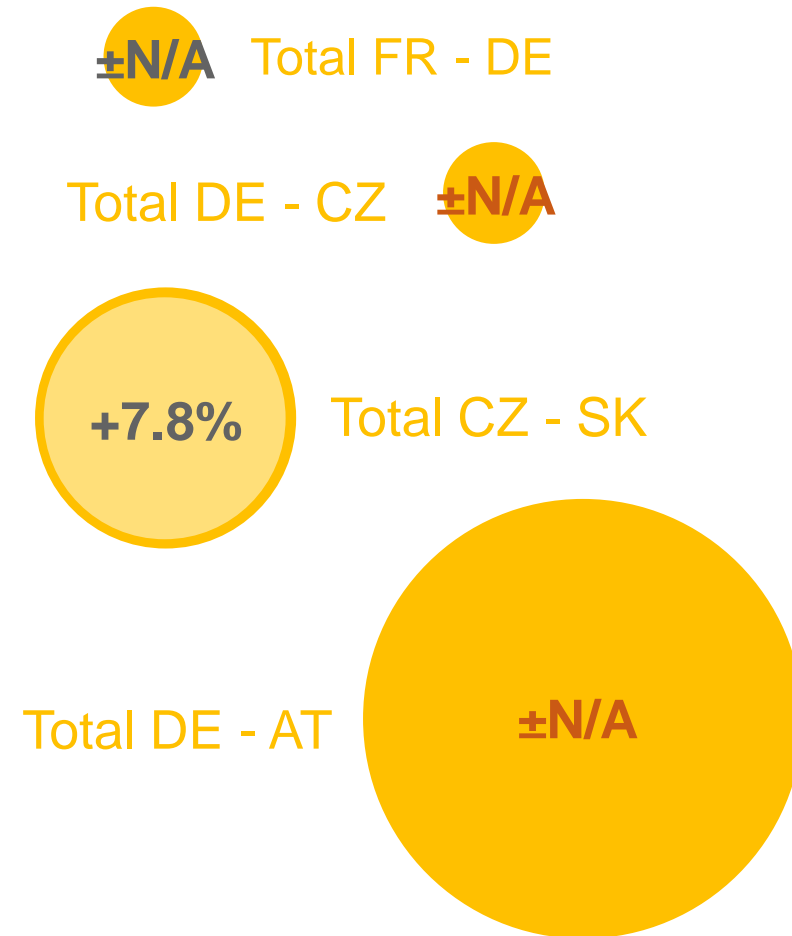


*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

MARKET DEVELOPMENT

Number of trains per border - Part 1*

	2019	2020	2021
Total FR - DE:	N/A	N/A	2,278
Total DE - CZ:	N/A	N/A	2,375
Total CZ - SK:	15,049	13,409	14,465
Total DE - AT:	N/A	N/A	41,158

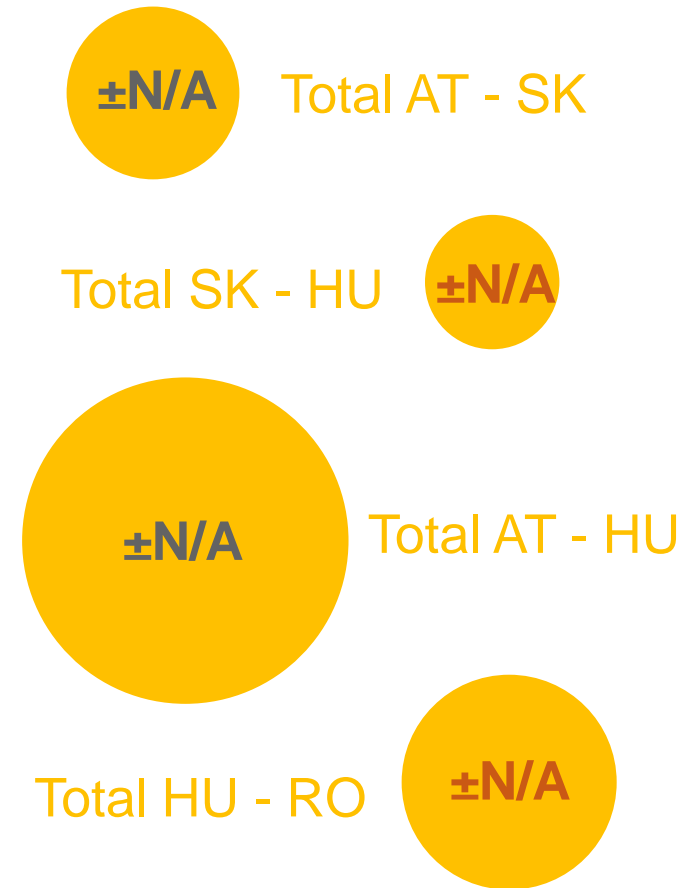


*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

MARKET DEVELOPMENT

Number of trains per border - Part 2*

	2019	2020	2021
Total AT - SK:	N/A	N/A	8,582
Total SK - HU:	N/A	N/A	5,295
Total AT - HU:	N/A	N/A	20,289
Total HU - RO:	N/A	N/A	11,893

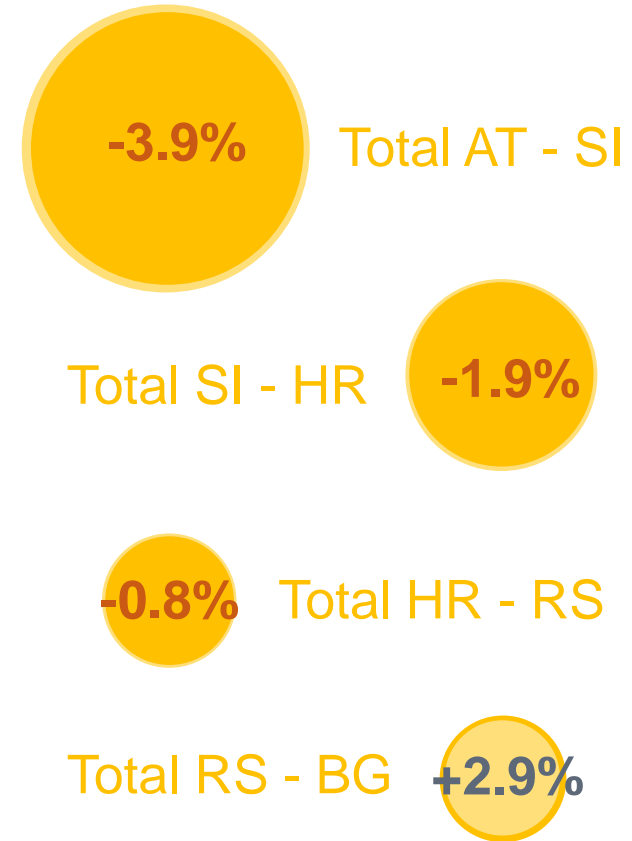


*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

MARKET DEVELOPMENT

Number of trains per border*

	2019	2020	2021
Total AT - SI:	N/A	15,316	14,718
Total SI - HR:	N/A	7,300	7,161
Total HR - RS:	N/A	3,848	3,816
Total RS - BG:	N/A	3,274	3,368

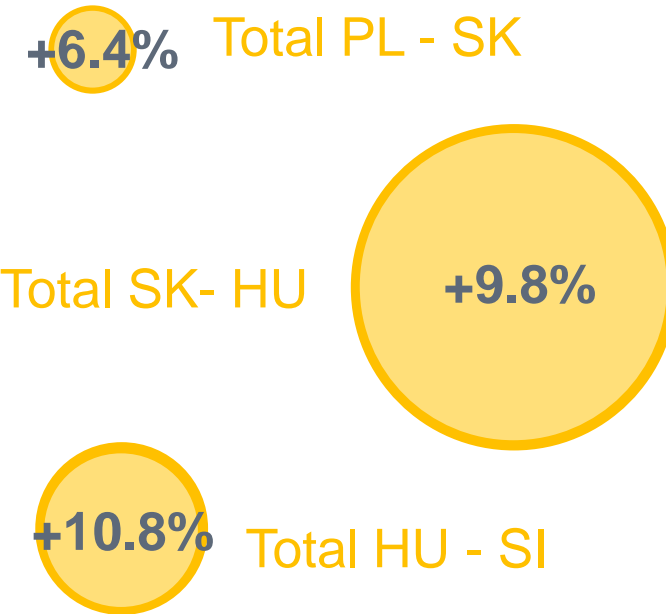


*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

MARKET DEVELOPMENT

Number of trains per border*

	2019	2020	2021
Total PL - SK:	N/A	1,884	2,004
Total SK - HU:	N/A	19,926	21,880
Total HU - SI:	N/A	6,097	6,755



*The calculation of this KPI is based on data in IMs' systems. The total sum of the figures per border does not correspond to the figure of the KPI 'Overall number of trains on the RFC' due to, among other reasons, the potential double-counting of trains crossing more than one border.

Disclaimer

- » The KPIs reflect the performance of each individual RFC, therefore, when comparing the figures of various RFCs, the specificities of each one have to be considered. Each RFC may apply any additional KPIs, which are published in their annual reports on their websites and/or in the [Customer Information Platform](#) (CIP), where applicable.
- » Please refer to the annual reports of individual RFCs for comprehensive information concerning the figures and their analysis. In addition, you can find the description of each commonly applicable KPI in the RNE '[Guidelines for Key Performance Indicators of Rail Freight Corridors](#)'.