

# Transport Statistics 2023

## West Scandinavia



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# Partners 2023

Nordic Transportpolitical Network (NTN) is a regional transport policy cooperation that has existed since 1998. Partners in the network are regions/county councils with common interests in efficient and sustconnections between the regions and between the western Scandinavia and Central Europe. NTN is aiming to create the basis for transport policy decisions and qualifying regional planning of transport and infrastructure. The overall vision is developing transport and infrastructure in effective and sustainable way to create regional development. Participants in NTN are 2 Norwegian county councils and three Danish regions.

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# Trends

Transport statistics 2023 Western Scandinavia contains several key figures for the overall infrastructure as well as the development in passenger and freight transport. There is a particular focus on international transport and on the development of traffic in the international corridors.

The statistics contain figures for the most recent year where figures have been published, 2021 or 2022, as well as the development in traffic over several years. Where it has been possible, the development of the past 10 years has been highlighted.

Overall, the statistics show, that there was growth in international freight and passenger transport from 2012 to 2019.

## *Passenger transport*

In 2020 and 2021, COVID-19 had a major impact on the development of mobility and international passenger transport. From 2019 to 2020, there has been a decrease in international passenger transport by ship, train, car and plane. For example, the number of air passengers at the airports in the region fell by between 28 and 76% from 2019 to 2020, the number of passengers at the airports remained at the same low level in 2021 as in 2020. In 2022, the total passenger traffic at the airports in the statistics was approx. 20% below the level in 2019. There is a significant difference between individual airports in Western Scandinavia.

There was also a decline in national passenger transport, although not of the same magnitude as international travel. The decrease in passenger transport by car was almost 10% from 2019 to 2020, from 2020 to 2022 road traffic has grown and is now back at the level of 2019.

The number of journeys by public transport was reduced by approx. 40% from 2019 to 2020, in 2021 public transport was still at the same low level as in 2020. When it comes to the development from 2021 to 2022, there is a difference between the countries included in the statistics. Overall, the statistics indicate that the level is still lower than in 2019.

The statistics of passenger transport by bus covers both tourist traffic and public collective transport. In Denmark, the total passenger transport by bus in 2022 was higher than in 2019. It must be assessed that this applies to on-demand travel (tourist traffic), while the number of passengers in regional public transport is still below the level in 2019.

The statistics also show that there have been significant differences in the development both from region to region and between the different means of transport.

## *Freight transport*

International freight transport by truck increased by approx. 30% from 2012 to 2019, from 2019 to 2022 truck traffic in the international corridors has been at the same level. However, there are significant differences between the different corridors.

Freight transport in containers over the ports has increased in Denmark, in Germany there has been a decrease, while turnover over the ports in Sweden and Norway has been at the same level.

Freight transport by air (air cargo) has decreased from 2019 to 2020, although the decrease has been considerably smaller compared to the development in international passenger transport by air. From 2020 to 2022 freight transport by air increased, so that in 2022 it was back at the level of 2019.

The tables and figures in the Transport Statistics 2023 give the reader the opportunity to assess the development of the individual corridors and routes.





# Key indicators West Scandinavia

Table 1. Area and population

	Area km <sup>2</sup>	Population Jan. 1 2022	inhabitants per km <sup>2</sup>
North Denmark Region	7.933	591.740	75
Central Denmark Region	13.124	1.341.857	102
Region of Southern Denmark	12.206	1.228.362	101
	33.264	3.146.121	95
Agder County	16.434	311.134	19
Innlandet County	52.072	371.253	7
Møre and Romsdal County	14.355	265.848	19
Oslo County	454	699.827	1.541
Rogaland County	9.378	485.797	52
Vestfold and Telemark County	17.466	424.832	24
Westland County	33.871	641.292	19
Viken County	24.593	1.269.230	52
	168.623	4.469.213	27
Västra Götaland region	23.956	1.758.656	73
Halland County	5.462	342.805	63
	29.418	2.101.461	71
Schleswig-Holstein	15.804	2.953.270	187
Hamburg	755	1.892.122	2.506
	16.559	4.845.392	293
<b>Total</b>	<b>247.864</b>	<b>14.562.187</b>	<b>59</b>

Table 2. Employment 2022. Number of employees

	Primary sector	Secondary sector	Tertiary sector	... of this Transport	Total
North Denmark Region	12.832	42.775	214.763	9.819	270.370
Central Denmark Region	20.394	96.567	532.796	27.836	649.757
Region of Southern Denmark	23.135	89.546	456.546	29.646	569.227
	<b>56.903</b>	<b>221.994</b>	<b>1.147.827</b>	<b>64.177</b>	<b>1.489.354</b>
Agder County	3.471	31.918	110.510	5.864	145.899
Innlandet County	8.668	35.553	129.744	6.482	173.965
Møre and Romsdal County	7.926	31.759	92.100	7.172	131.785
Oslo County	568	51.867	471.269	23.594	523.704
Rogaland County	35.859	48.589	175.401	10.937	259.849
Vestfold and Telemark County	4.092	40.819	143.988	7.886	188.899
Westland County	19.488	61.757	246.819	16.050	328.064
Viken County	12.590	101.832	447.470	30.449	561.892
	<b>92.662</b>	<b>404.094</b>	<b>1.817.301</b>	<b>108.434</b>	<b>2.314.057</b>
Västra Götaland region 1)	10.324	187.688	688.856	40.765	886.868
Halland County 1)	3.279	31.957	113.010	6.159	148.246
	<b>13.603</b>	<b>219.645</b>	<b>801.866</b>	<b>46.924</b>	<b>1.035.114</b>
Hamburg 2)	805	157.510	870.224		1.028.539
Schleswig-Holstein 2)	14.109	241.347	783.232		1.038.688
	<b>14.914</b>	<b>398.857</b>	<b>1.653.456</b>	-	<b>2.067.227</b>
	<b>178.082</b>	<b>1.244.590</b>	<b>5.420.450</b>		<b>6.905.752</b>

**Primary sector:** Agriculture, Agriculture, Fisheries

**Secondary sector:** Manufacturing Industry (textile and leather, wood, paper and printing industry - chemical industry and plastics industry - stone, clay and glass industry - Furniture industry and other industries), Construction, Energy and Water Supply

**Tertiary sector:** Finance and Insurance, Real estate and renting, Business, Public Administration, Wholesale, Retail trade and repair businesses

Notes:

1) Sweden: mining are included in the secondary sector

2) Figures for German regions includes: Sozialversicherungspflichtig Beschäftigte



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Ferry routes servicing NTN's West Scandinavian focus area



# International corridors

Table 3. Key figures for the ferry routes in the corridor and passing the Oresund Bridge 2022

		Dist.	Sailing time	Trips	Passengers	Pass. cars and trucks	Trucks
		Km	hours	pr. year	1000/year		
Norway - Denmark	København-Oslo	504	17	700	574	49	4
	Frederikshavn-Oslo 1)	291	9	572	88	27	5
	Hirtshals-Larvik	163	4	1.342	754	280	68
	Hirtshals-Kristianssand 2)	131	3	2.108	1.203	374	32
	Hirtshals - Langesund	154	5		180	70	11
	Hirtshals - Stavanger - Bergen	373 - 558	19		223	94	30
					3.021	894	150
Sweden - Denmark	Helsingør - Helsingborg 2)	5	0,3	48.598	6.267	1.475	457
	Øresundsbron				23.238	6.728	710
	Frederikshavn-Gøteborg	93	3	3.082	941	314	148
	Grenå-Halmstad 3)	115	4 1/2	1.140	97	52	34
	Rønne- Ystad	70	2	3.792	1.722	513	6
				56.612	32.265	9.082	1.355
Denmark - Germany	Gedser-Rostock	46	2	6.424	1.573	547	165
	Rødby-Puttgarden	19	1	32.264	4.519	1.795	587
				38.688	6.092	2.342	752
Denmark - Faroe Islands	Hirtshals - Torshavn	1100	30/38 4)	124	71	23	10
Sweden - Germany	Göteborg - Kiel	437	14	732	388	164	63
	Malmö - Travemünde	261	9	2.450	249	282	231
	Trelleborg - Rostock	157	6	4.056	831	580	365
	Trelleborg - Sassnitz	111	4		-	-	-
	Trelleborg - Travemünde	222	7	2.188	350	281	216
	Øvrige færgeruter 5)	..	..	1.258	321	81	9
				10.684	2.139	1.388	883
Sweden - Norway	Strömstad - Sandefjord	67	2 1/2		1.346	402	12
Norway - Germany	Oslo - Kiel	657	19		968	116	35

notes:

The international ferry corridors in the statistics covers international transport connections over water served by ferry connections. On the Oresund, the international ferry connections is supplemented by the Oresund Bridge.

1) Stena Line's ferry route between Frederikshavn and Oslo is closed in spring 2020. From June 2020, the sailing on DFDS' ferry route between Oslo and Copenhagen has been changed, so that the ferry docks in Frederikshavn both ways. It is not possible to transport goods and travel as a passenger between Frederikshavn and Copenhagen on the route.

2) Data for the routes between Kristiansand-Hirtshals and Helsingør-Helsingborg contain data from all ferry companies' operation here

3) Stena Line's ferry route between Grenaa and Varberg from March 2020 has been replaced by a new ferry route between Grenaa and Halmstad

4) Sailing time summer or winter

5) Other ferry routes include Helsingborg - Travemünde

International freight transport across borders excl. bulk transport. Mill. tonne  
 The black numbers refer to the table on page 15



Table 4. Freight in international traffic passing the borders in NTN's Scandinavian focus area 2022. Includes transports by truck, train and trailers on ferry and containers on ship. The heavy bulk transports (eg. oil, coal, lumber, rock og feed) by ship are not included. Mill. tonne

Mill. tonne	Container on ship	Ferry and ro-ro	Truck on road	Rail	Total
<b>Norway</b>					
1	Kristiansund og Nordmøre Havn	0,1	-	-	0,1
2	Ålesundregionens Havnevesen	0,4	-	-	0,4
3	Nordfjord Havn	0,1	-	-	0,1
4	Bergen og Omland Havn	0,2	0,1	-	0,3
5	Kamsund Havn	0,2	0,4	-	0,6
6	Stavanger Havn	0,2	0,4	-	0,6
7	Kristiansand Havn	0,5	0,4	-	0,9
8	Grenland Havn	0,8	0,3	-	1,1
9	Larvik Havn	0,4	0,7	-	1,2
10	Sandefjord Havnevesen	-	0,1	-	0,1
11	Oslo Havn og Drammen Havnevesen	1,7	0,8	-	2,5
12	Moss Havn	0,3	-	-	0,3
13	Borg Havn	0,5	-	-	0,5
<b>Border Norway - Sweden (Road and Rail)</b>					
	<i>Svinesund</i>	-	-	19,6	-
	<i>Kornsjø/Eda</i>	-	-	-	2,8
	<i>Ørje</i>	-	-	7,5	-
	<i>Brandval</i>	-	-	4,0	-
14	I alt over land med bane og bil	-	-	31,1	2,8
<b>Sweden</b>					
15	Göteborg	8,0	8,9	-	16,9
16	Varberg	n.a.	n.a.	-	-
17	Halmstad	n.a.	n.a.	-	-
<b>Denmark</b>					
18	Esbjerg Havn	0,2	1,4	-	1,6
19	Hanstholm Havn	>0	-	-	>0
20	Hirtshals Havn	-	1,8	-	1,8
21	Skagen Havn	0,0	-	-	0,0
22	Frederikshavn Havn	-	2,0	-	2,0
23	Aalborg Havn	0,1	-	-	0,1
24	Grenaa	-	0,5	-	0,5
25	Aarhus havn	5,3	0,4	-	5,6
26	Fredericia Havn	1,0	0,3	-	1,3
<b>Border Denmark - Germany (Road and Rail)</b>					
27	Padborg/Flensborg	-	-	24,6	6,8
<b>Germany</b>					
28	Puttgarden	-	n.a.	-	-
29	Kiel	1,1	2,9	-	4,0
30	Lübeck	0,4	12,8	-	13,2

Note: Data for Halmstad and Varberg for 2021 and 2022 as well as Puttgarden for 2022 have not been published yet

Freight transport by truck, ferry, train, and containers and unaccompanied trailers by ship to and from Denmark 2022. Mill. tonne

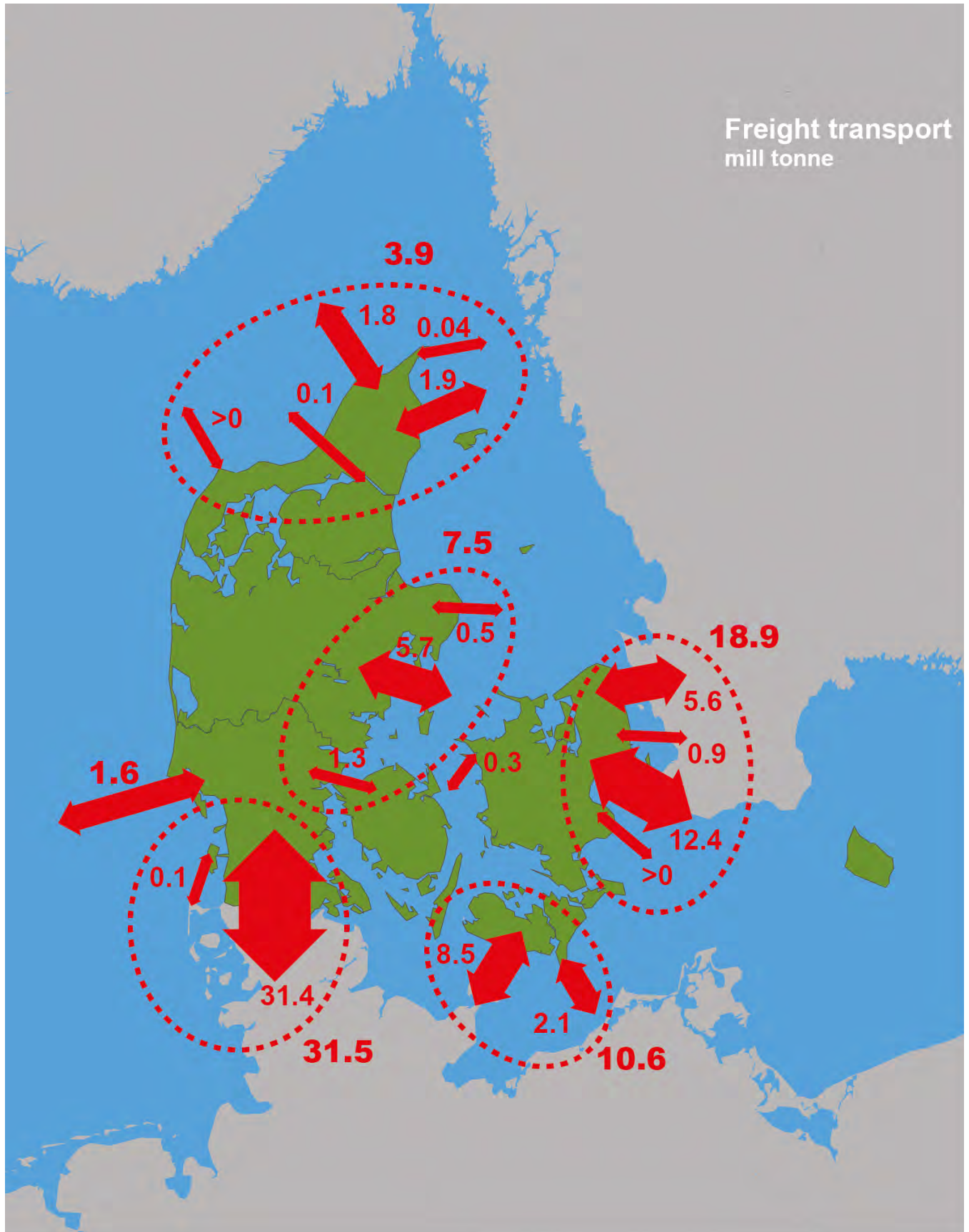




Table 5 Freight transport by truck, ferry, train, and containers and unaccompanied trailers by ship to and from Denmark 2022. Mill. tonne

Mill. tonne 2022	Truck	Ferry	Rail	Ship: cont.	Ship: ro-ro	Total
Hanstholm	-	-	-	>0	-	>0
Hirtshals	-	1,7	-	-	0,1	1,8
Frederikshavn	-	1,9	-	-	-	1,9
Aalborg	-	-	-	0,1	-	0,1
Skagen	-	-	-	0,04	-	0,04
<b>North Jutland total</b>	-	<b>3,6</b>	-	<b>0,1</b>	<b>0,1</b>	<b>3,9</b>
Grenå	-	0,5	-	-	-	0,5
Århus	-	-	-	5,3	0,4	5,7
Fredericia	-	-	-	1,0	0,3	1,3
<b>East Jutland total</b>	-	<b>0,5</b>	-	<b>6,3</b>	<b>0,7</b>	<b>7,5</b>
<b>Border DK - DE</b>	<b>24,6</b>	<b>0,10</b>	<b>6,8</b>	-	-	<b>31,5</b>
<b>Esbjerg (West Jutland))</b>	-	-	-	<b>0,2</b>	<b>1,4</b>	<b>1,6</b>
Helsingør	-	5,6	-	-	-	5,6
Københavns Havn	-	-	-	0,9	-	0,9
Øresundsbroen	6,9	-	5,5	-	-	12,4
Køge Havn	-	-	-	-	-	-
<b>Region of Oresund</b>	<b>6,9</b>	<b>5,6</b>	<b>5,5</b>	<b>0,9</b>	-	<b>18,9</b>
Kalundborg	-	-	-	0,3	-	0,3
<b>West Seeland</b>	-	-	-	<b>0,3</b>	-	<b>0,3</b>
Rødby	-	8,5	-	-	-	8,5
Gedser	-	2,1	-	-	-	2,1
<b>Femern Bælt total</b>	-	<b>10,6</b>	-	-	-	<b>10,6</b>
<b>West Denmark total</b>	<b>24,6</b>	<b>4,2</b>	<b>6,8</b>	<b>6,6</b>	<b>2,3</b>	<b>44,5</b>
<b>East Denmark total</b>	<b>6,9</b>	<b>16,2</b>	<b>5,5</b>	<b>1,2</b>	-	<b>29,8</b>
<b>Denmark total</b>	<b>31,5</b>	<b>20,4</b>	<b>12,3</b>	<b>7,8</b>	<b>2,3</b>	<b>74,3</b>

Passenger transport to and from Denmark by car, ferry and train 2022. Thousand passengers per 24/7 (AADT, Annual Average Daily Traffic)

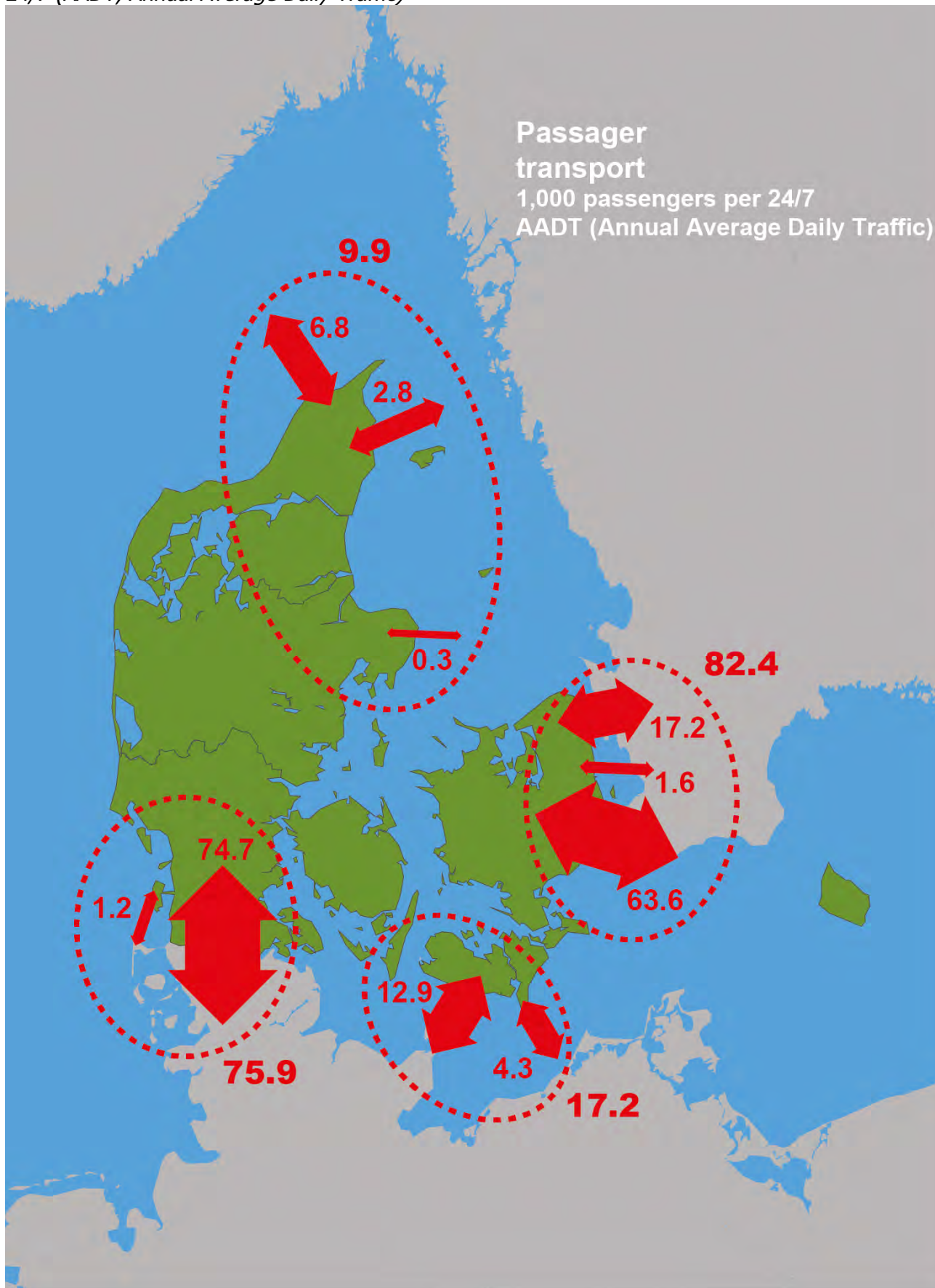


Table 6 Passenger transport to and from Denmark by car, ferry and train 2022. Thousand passengers per 24/7. (AADT, Annual Average Daily Traffic)

Traffic 2022 AADT x 1000	A. Passengers by ferry	B. Passagerer in trains on brigde and land border	C. Cars on brigde and passing land border	D. Passengers in cars (1.54 pass/car)	Total persons 2022 (A+B+D)	Dev. 19 - 22	2019
<i>Hirtshals</i>	6,8	-	-	-	6,8		7,0
<i>Frederikshavn</i>	2,8	-	-	-	2,8		4,6
<i>Grenå</i>	0,3	-	-	-	0,3		0,4
<b>Jutland - Norway/Sweden</b>	<b>9,9</b>	-	-	-	<b>9,9</b>	5% -18%	<b>12,0</b>
<i>Frøslev</i>			19,2	29,6	29,6		30,2
<i>Kruså</i>			11,9	18,4	18,4		21,1
<i>Sæd</i>			5,4	8,4	8,4		9,5
<i>Ferries Havneby</i>	1,2			-	1,2		1,2
<i>Train via border German-Jutland 2)</i>		3,1		-	3,1		1,1
<i>Other border corssings 1)</i>			9,9	15,3	15,3		19,1
<b>Jutland - Germany</b>	<b>1,2</b>	<b>3,1</b>	<b>46,5</b>	<b>71,6</b>	<b>75,9</b>	41% -8%	<b>82,2</b>
<i>Esbjerg</i>	-	-	-	-	-		-
<b>Jutland - UK</b>	-	-	-	-	-	0%	-
<i>Helsingør</i>	17,2				17,2		19,5
<i>Oresund Brigde - road</i>			18,4	28,4	28,4		31,4
<i>Oresund Brigde - rail</i>		35,2			35,2		35,3
<i>Copenhagen - Norway</i>	1,6				1,6		2,2
<b>Oresund</b>	<b>18,8</b>	<b>35,2</b>	<b>18,4</b>	<b>28,4</b>	<b>82,4</b>	44% -7%	<b>88,4</b>
<i>Gedser</i>	4,3	-	-	-	4,3		4,6
<i>Rødby</i>	12,9	-	-	-	12,9		15,0
<b>Fehmarn Belt</b>	<b>17,2</b>	-	-	-	<b>17,2</b>	9% -12%	<b>19,6</b>
<b>West Denmark total</b>	<b>11,1</b>	<b>3,1</b>	<b>46,5</b>	<b>71,6</b>	<b>85,8</b>	46% -9%	<b>94,2</b>
<b>East Denmark total</b>	<b>36,0</b>	<b>35,2</b>	<b>18,4</b>	<b>28,4</b>	<b>99,6</b>	54% -8%	<b>108,0</b>
<b>Denmark total</b>	<b>47,1</b>	<b>38,2</b>	<b>64,9</b>	<b>100,0</b>	<b>185,4</b>	100% -8%	<b>202,2</b>

Note: The calculation assumes in average 1.54 persons per car in cross-border passenger traffic. The figure has not changed during the period the statistics have been compiled, i.e. since 2008. For the period 2012-2014, the Danish Transport Survey, TU, has calculated that the number of people per car on international trips was 1.67, while for national trips in East and West Denmark were calculated 1.26 and 1.29, respectively.

*Table 7. The international car traffic in 7 "border sections".*

*The development 2012 – 2022, index 2012 = 100.*

*Number of cars passing the border per years 2021 and 2022, as well as the proportion of which were trucks*

	Norway - Jutland (ferry)	Sweden - Jutland (ferry)	Oresund (bridge and ferry)	Fehmern Belt (ferry)	Jutland - Germany (road)	Norway - Sweden (road)	Sweden - Germany (ferry)	Total
<i>Development 2011 - 2021. Index 2011 = 100</i>								
2012	100	100	100	100	100	100	100	100
2013	102	100	98	100	100	102	93	100
2014	107	100	101	101	102	103	112	102
2015	111	100	102	104	105	105	108	105
2016	110	99	106	107	105	110	103	106
2017	108	100	108	110	105	105	112	106
2018	108	99	107	110	104	113	110	108
2019	109	99	106	106	104	116	113	108
2020	56	56	66	62	70	50	91	64
2021	52	60	69	73	73	49	112	67
2022	106	85	95	101	94	97	120	96
<b>2022, cars per year total</b>								
Cars total	845.000	366.000	8.203.000	2.342.000	16.977.194	10.333.880	1.388.200	40.455.274
- passenger cars	708.027	184.020	7.148.642	1.589.606	14.637.179	8.114.456	504.708	32.886.638
- trucks	136.973	181.980	1.054.358	752.394	2.340.015	2.219.424	883.492	7.568.636
share of trucks	16%	50%	13%	32%	14%	21%	64%	19%
<b>2021, cars per year total</b>								
Cars total	411.785	256.286	5.951.923	1.677.729	13.264.165	5.215.850	1.298.518	28.076.256
- passenger cars	271.158	70.309	4.947.939	959.739	10.858.131	3.146.852	383.518	20.637.646
- trucks	140.627	185.977	1.003.984	717.990	2.406.034	2.068.998	915.000	7.438.610
share of trucks	34%	73%	17%	43%	18%	40%	70%	26%

*Table 8. The international truck traffic in 7 "border sections".  
The development 2012– 2022, index 2012 = 100.  
Number of trucks over the border 2022*

	Norway - Jutland (ferry)	Sweden - Jutland (ferry)	Oresund (bridge and ferry)	Fehmern Belt (ferry)	Jutland - Germany (road)	Norway - Sweden (road)	Sweden - Germany (ferry)	Total
<i>Development 2012- 2022. Index 2012 = 100</i>								
2012	100	100	100	100	100	100	100	100
2013	102	100	105	105	104	103	80	101
2014	112	101	110	114	104	104	105	106
2015	113	99	117	121	109	108	105	110
2016	118	96	122	132	113	168	103	126
2017	101	99	127	147	118	165	109	130
2018	99	100	132	154	118	175	108	130
2019	97	95	131	148	117	184	107	131
2020	93	96	128	140	116	155	103	122
2021	97	97	139	157	122	153	118	129
2022	95	94	146	164	119	165	114	131
<i>Cross border passing trucks pr year</i>								
2022	136.973	181.980	1.054.358	752.394	2.340.015	2.219.424	883.492	7.568.636

Figure 1. The development: total cross-border car traffic in 7 "border sections"  
Index 2012 = 100

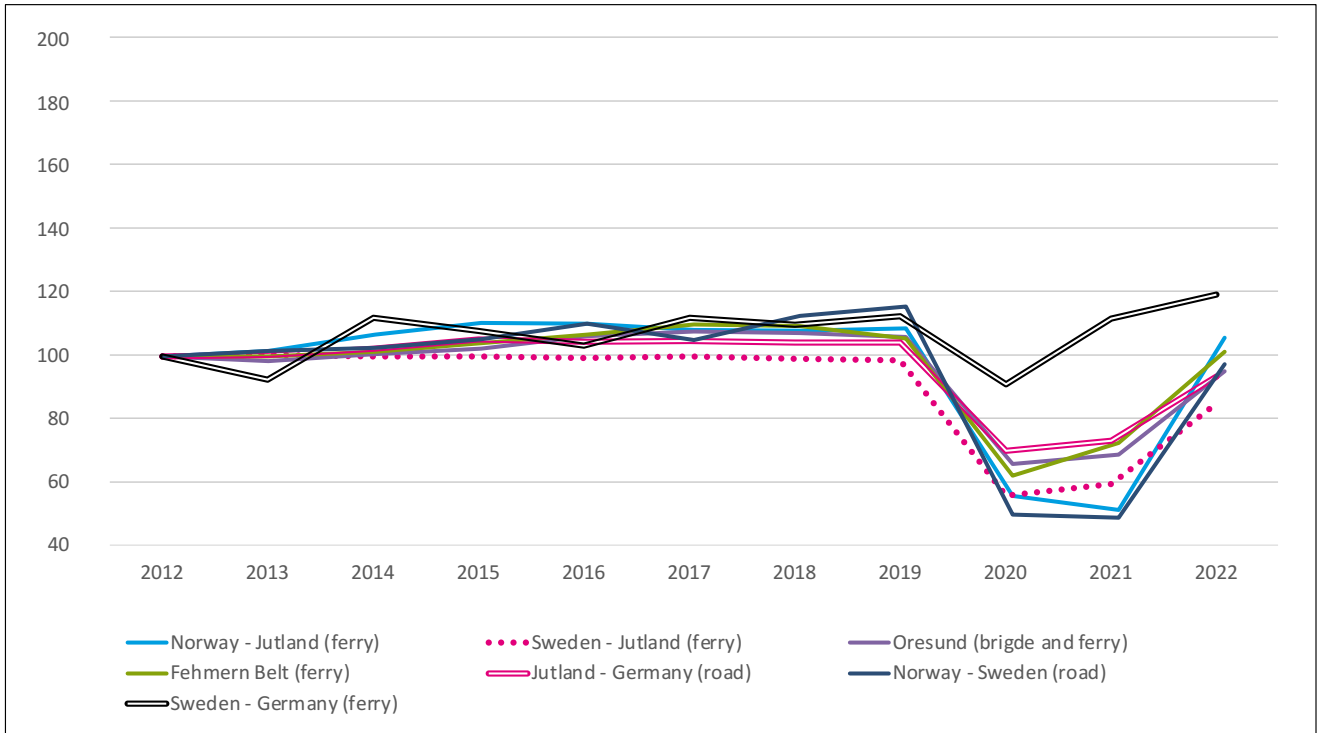
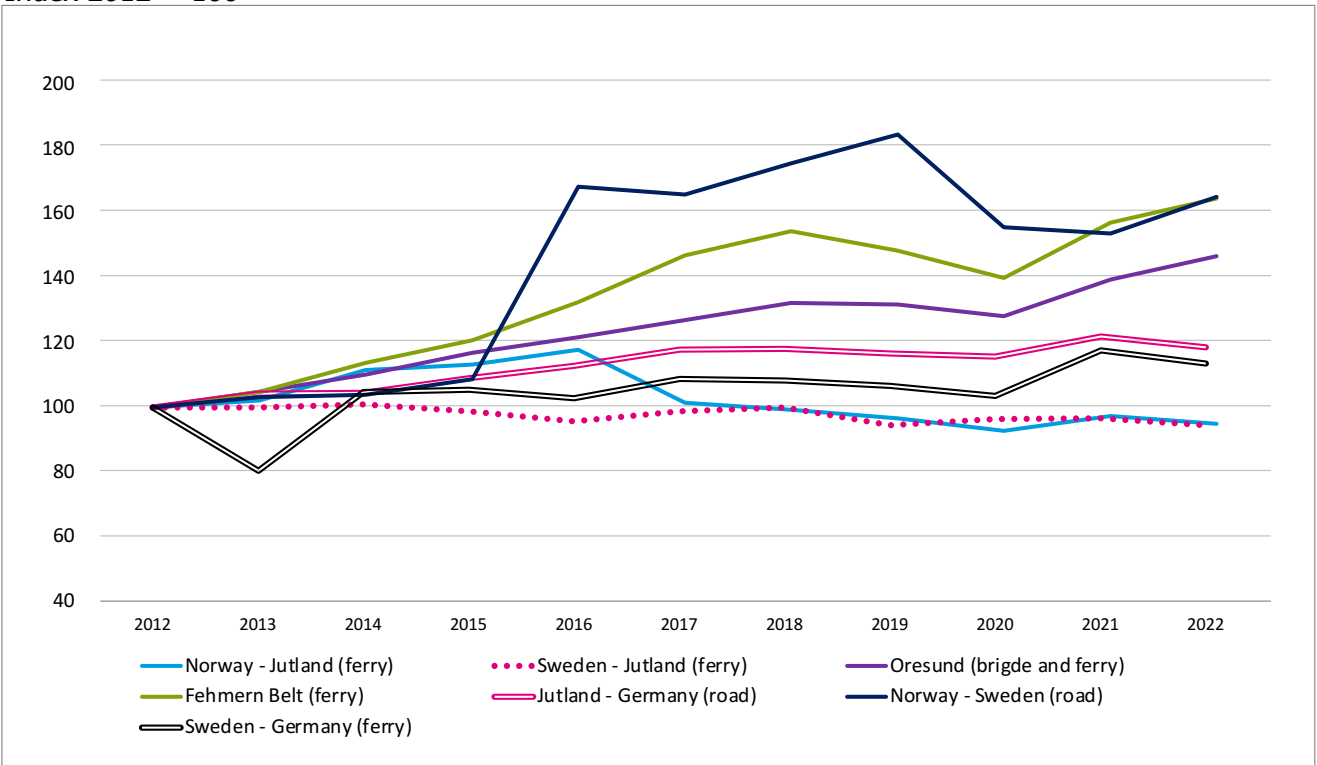


Figure 2. The development: cross-border lorry traffic in 7 "border sections"  
Index 2012 = 100



Note: There has been a change in the counting method (lorries) at Nye Svinesund Bridge from 2015 to 2016. This is probably the most important explanation for the development in lorry traffic between Sweden and Norway from 2015 to 2016

Figure 3. The total cross-border car traffic in 7 "border sections"  
 Number of cars 2019 and 2022. ADT

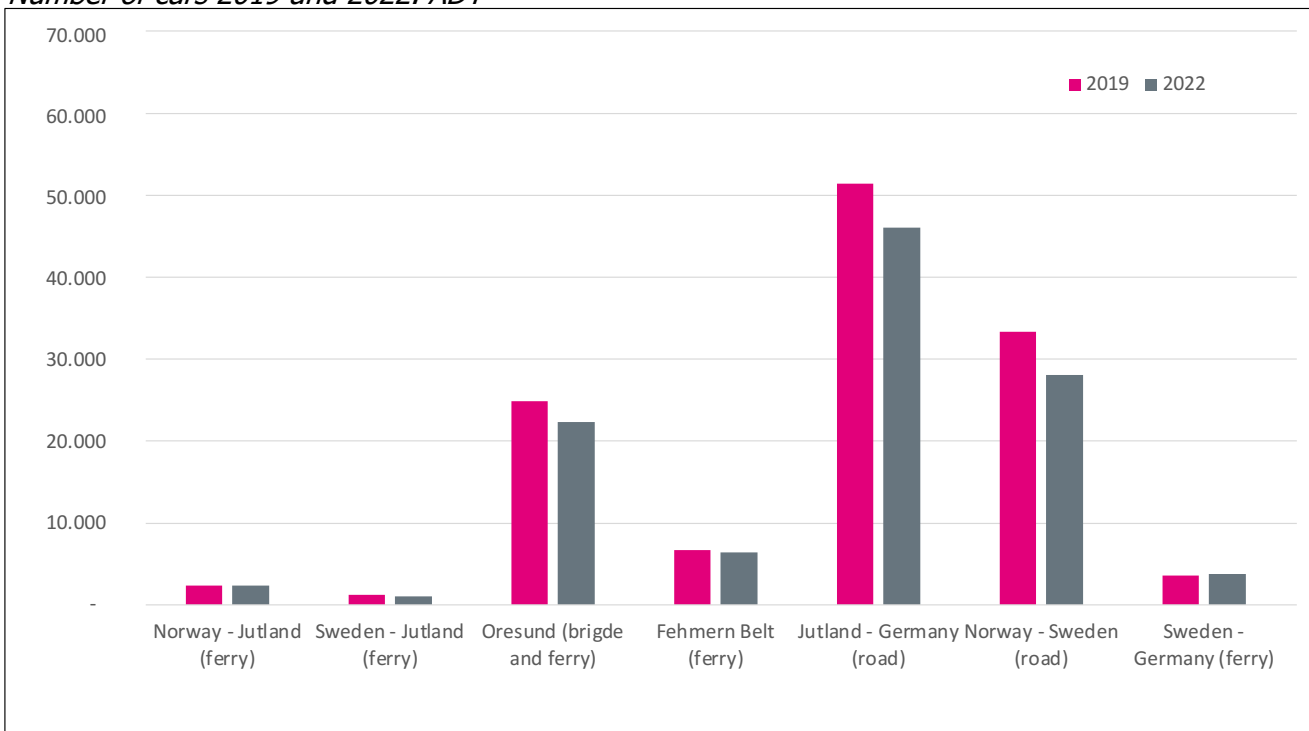
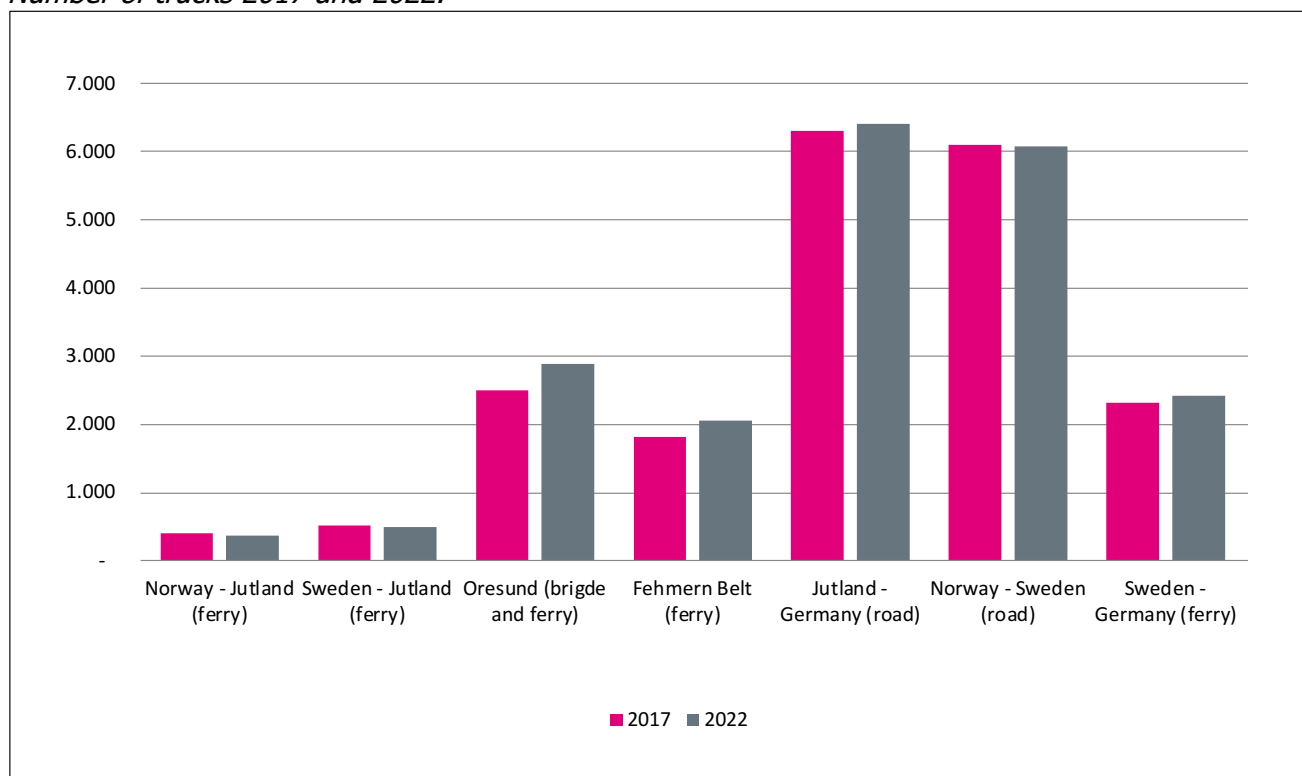


Figure 4. The cross-border lorry traffic in 7 "border sections"  
 Number of trucks 2017 and 2022.



NB: there is not the same scale in the two figures (the difference is a factor of 10)

# Roads

Table 9. Road network 2022. Kilometers of road

<i>Kilometer roads</i>					
	State roads		Municipality roads	Other roads <sup>3)</sup>	Total
	Highways	Other roads			
North Denmark Region	184	441	11.591		12.216
Central Denmark Region	332	895	19.628		20.855
Region of Southern Denmark	376	651	21.479	10	22.516
	892	1.987	52.698	10	55.587
	State Roads	Regional roads	Municipality roads	Private roads	Total
Agder County	684	3.640	2.801	6.101	13.226
Innlandet County	1.473	6.929	4.030	21.455	33.887
Møre and Romsdal County	540	3.019	2.970	5.042	11.571
Oslo County	194	-	1.165	2.027	3.386
Rogaland County	516	2.534	3.325	5.080	11.455
Vestfold and Telemark County	658	3.103	3.154	7.200	14.115
Westland County	1.494	5.545	5.197	11.515	23.751
Viken County	1.303	5.346	6.211	16.824	29.684
	6.862	30.116	28.853	75.244	141.075
	State Roads	Regional roads	Other roads	Total	
Västra Götaland region <sup>1)</sup>	2.238		10.410	49.437	62.085
Halland County <sup>1)</sup>	551		2.636	13.773	16.960
	2.789		13.046	63.210	79.045
	State roads High ways	Other state roads 2)	Regional roads (Bund)	Municipality roads (Kreise)	Total
Hamburg	74	120	-	-	194
Schleswig-Holstein	546	1.533	3.672	4.124	9.875
	620	1.653			10.069
<b>West Sandinavia focus area total</b>					<b>285.776</b>

Notes:

Due to different administrative divisions, the statistics are not comparable from country to country.

1) Data for Sweden are from 2010

2) Data for Germany includes roads outside cities. Motorways include the "Bundesautobahnen"

3) Other roads in Denmark include the road construction on the Storebæltsbroen



Table 10. Road traffic on selected sections, AADT

	AADT (Annual Average Daily Traffic)				AADT (Annual Average Daily Traffic)				Development	
	Trucks				Total				Trucks	Total
	2012	2020	2021	2022	2012	2020	2021	2022	2012 - 22	
<b>Denmark</b>										
DK1 E45 South Jutland Highway, near Frøslev	5.874	6.427	6.686	6.995	16.757	14.277	15.414	19.234	19%	15%
DK2 E45 South Jutland Highway, north of Kolding	11.750	17.387	18.477	18.623	66.300	76.722	80.582	85.567	58%	29%
DK3 E45 East Jutland Motorway, Vejlefjord Bridge	11.580	14.688	15.570	17.130	66.212	80.784	86.167	89.920	48%	36%
DK4 18 Central Jutland Highway, sf.<15>, Herring	2.903	3.170	3.577	3.590	19.209	22.290	24.000	24.800	24%	29%
DK5 E45 Eastem Jutland Highway, Stilling	8.916	11.832	12.816	13.384	51.193	59.907	64.221	68.424	50%	34%
DK6 E45 The Limfjord tunnel	6.950	8.180	9.196	10.455	64.300	71.219	73.862	78.687	50%	22%
DK7 E45 Frederikshavn Highway, n.e. Hjallerup	1.360	1.929	2.099	1.910	10.912	13.100	13.700	13.900	40%	27%
DK8 E39 Hirtshals Hithwayj, between <7> og <8>	1.780	2.247	2.465	2.384	19.832	21.500	22.800	24.700	34%	25%
DK9 E20 Funen Highway, New Lillebælt bridge	8.593	12.090	13.270	13.300	61.345	70.062	75.000	79.000	55%	29%
DK10 E20 The Great Belt Bridge	3.241	4.144	4.535	4.656	29.765	30.718	34.071	36.293	44%	22%
<b>Norway</b>	<b>2012</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2012</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2012 - 22</b>	
<i>Viken County (border crossings)</i>										
NO1 E6 New Svinesund brigde	2.203	3.507	3.391	3.647	14.066	6.457	6.742	13.216	66%	-6%
NO2 Rv 118 Old Svinesund	144	71	70	178	6.112	2.168	2.000	6.998	24%	14%
NO3 Ev 18 Ørje	834	1.360	1.390	1.465	5.939	3.331	2.923	5.393	76%	-9%
<i>Vestfold and Telemark County</i>										
NO4 Ev 18 Lanner	2.737	4.500	4.655	4.803	16.208	18.460	19.367	21.607	75%	33%
<i>Agder County</i>										
NO5 Ev 18 New Rannekleiv	2.182	3.375	3.762	3.904	16.376	17.559	19.893	20.608	79%	26%
NO6 Rv 9 Grim	1.230	1.861	1.966	1.757	11.804	10.512	11.830	11.039	43%	-6%
<i>Rogaland County</i>										
NO7 EV 39 Auglendhøyden	3.808	5.203	4.883	5.936	63.478	58.006	52.518	65.160	56%	3%
NO8 Rv 13 Austråttunnelen	1.194	1.394	1.744	1.813	12.656	11.807	16.579	16.409	52%	30%
<i>Westland County</i>										
NO9 Nesttund, Hopstunnelen	2.065	1.943	2.021	2.064	21.839	18.201	19.490	19.615	0%	-10%
<i>Møre and Romsdal County</i>										
NO10 EV 39 Blindheimtunnelen	1.733	1.733	2.617	2.558	19.860	19.860	21.841	21.838	48%	10%
<b>Germany</b>	<b>2012</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2012</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2012 - 21</b>	
DE1 Hamburg Nordwest S (A7)	:	:	:		:	:	:		:	
DE2 Besdorf (A23)	1.408	1.525	1.534		16.190	19.242	19.525		9%	21%
DE3 Rendsborg N (A7)		8.108	8.835			46.663	49.152			
DE4 Fehmamsund Brigde (B207)	1.471	:	:		13.333	:	:			
DE5 Bredsted (B5)	564	620	671		10.900	10.305	10.884		19%	0%
DE6 Schuby (A7)	6.116	7.039	7.542		33.401	33.310	35.773		23%	7%

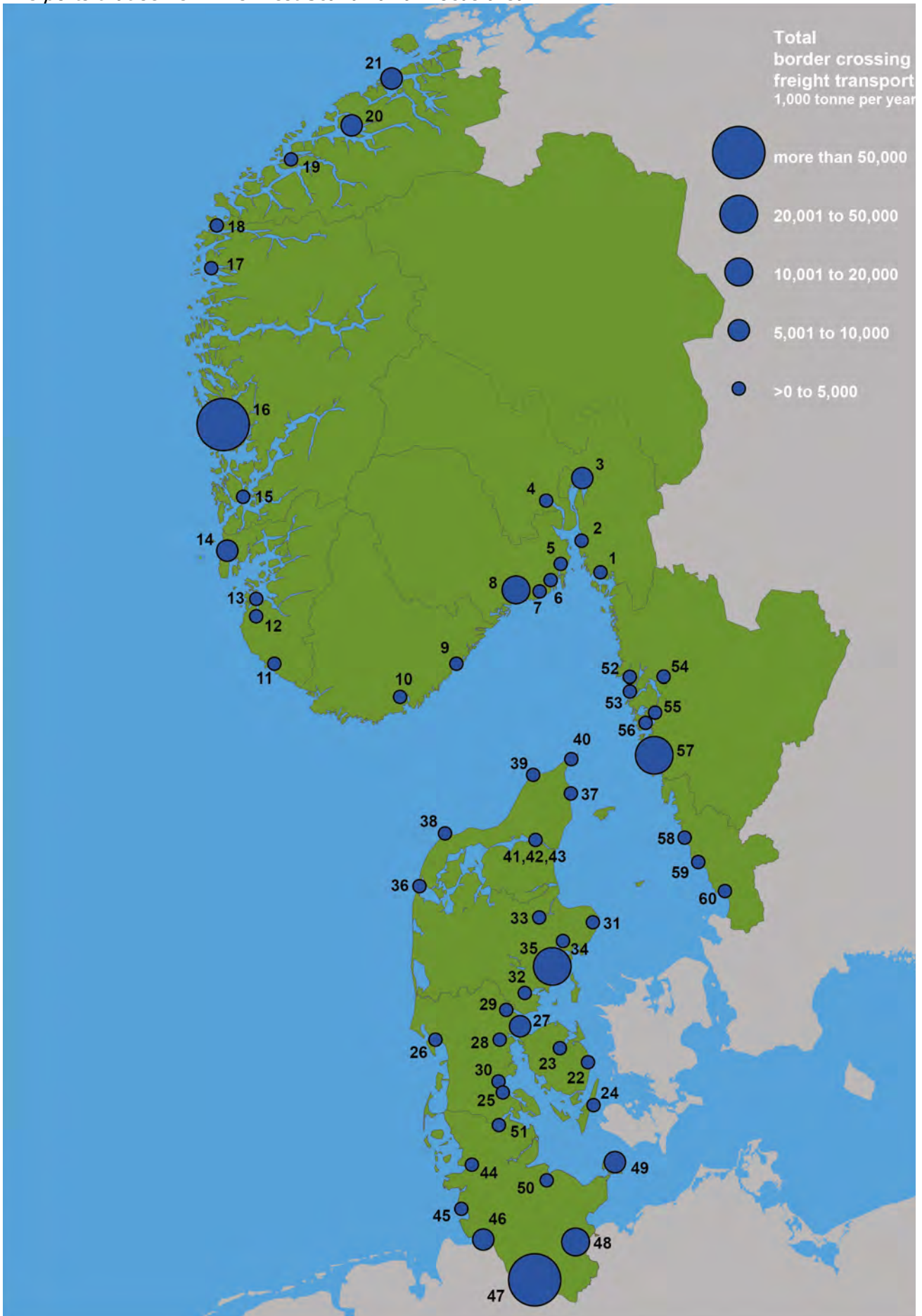
Notes:

Trucks on the road network in Denmark are classified as vehicles over 5.8 metres

NB the time series has been updated in 2020, so that the truck category is now consistently calculated as cars over 5.8 metres.

On the border in Southern Jutland, the Road Directorate has from 2017 calculated the number of trucks on the basis of pattern recognition, this has meant approx. 10% fewer trucks in the counts, therefore the figures for the number of trucks here cannot be compared with previous years.

The ports that serve NTN's West Scandinavian focus area



# Ports

Table 11. The total freight turnover in the ports, 1000 tonne

Norway		2012	2018	2019	2020	2021	2022	dev. 12-22
1	Borg	2.807	3.618	3.318	3.356	3.662	3.428	22%
2	Moss Havn KF	414	341	344	373	385	367	-11%
3	Oslo Havn KF	5.641	6.106	6.040	5.468	5.332	5.898	5%
4	Drammenregionens Interkommunale Havnevesen	3.042	3.007	4.609	3.204	2.571	2.664	-12%
5	Tønsberg Havnevesen	9.129	9.720	10.709	10.151	6.978	4.564	-50%
6	Sandefjord Havnevesen	168	163	231	131	45	102	-40%
7	Larvik Havn KF	2.016	2.339	1.873	1.947	1.866	1.777	-12%
8	Grenland Havn IKS	10.312	12.421	11.864	12.053	12.883	11.773	14%
9	Arendal Havnevesen KF	192	510	669	730	865	762	297%
10	Kristiansand Havn KF	1.817	1.740	1.780	1.865	3.473	3.388	86%
11	Eigersund Havnevesen KF	600	611	605	611	626	555	-8%
12	Sandnes Havn KF	263	199	125	145	238	684	160%
13	Stavanger Interkommunale Havn IKS	5.417	2.671	2.264	2.425	2.501	3.267	-40%
14	Karmsund Interkommunale Havnevesen IKS	11.937	10.668	10.137	9.597	8.285	7.552	-37%
15	Stord Hamn	89	381	26	17	26	14	-85%
16	Bergen og Omland Havnevesen	54.626	44.314	44.173	58.875	67.231	58.635	7%
17	Flora Hamn KF	1.962	2.387	2.443	2.943	2.682	2.073	6%
18	Nordfjord Havn IKS	339	378	339	394	330	300	-12%
19	Ålesundregionens Havnevesen	1.835	1.839	1.678	1.490	1.688	1.815	-1%
20	Molde og Romsdal Havn IKS	7.202	5.941	5.374	4.274	4.913	4.590	-36%
21	Kristiansund og Nordmøre Havn IKS	6.151	6.011	6.529	6.106	5.688	5.279	-14%
Total		125.960	115.363	115.129	126.155	132.269	119.487	-5%
Denmark		2012	2018	2019	2020	2021	2022	dev. 12-22
22	Nyborg Havn	743	665	695	781	862	666	-10%
23	Odense Havn	2.076	2.348	1.797	1.879	1.997	3.051	47%
24	Spodsbjerg Havn	335	359	392	328	460	475	42%
25	Enstedværkets Havn	5.017	3.344	4.370	2.316	1.565	1.650	-67%
26	Esbjerg Havn	4.482	4.430	4.314	4.297	4.139	4.187	-7%
27	Fredericia Havn	10.798	6.897	6.872	5.542	6.227	6.995	-35%
28	Kolding Havn	1.205	1.249	1.131	1.277	1.184	1.268	5%
29	Vejle Havn	766	833	767	744	773	662	-14%
30	Aabenraa Havn	1.064	1.604	1.413	1.683	1.921	1.678	58%
31	Grenaa Havn	1.369	1.507	1.290	1.339	1.380	1.515	11%
32	Horsens Havn	696	797	719	833	724	829	19%
33	Randers Havn	1.048	1.280	1.169	1.119	1.470	1.308	25%
34	Studstrupværkets Havn	939	914	738	794	982	868	-8%
35	Aarhus Havn	8.268	8.496	8.618	8.895	9.721	10.571	28%
36	Thyborøn Havn	1.082	1.646	1.530	1.835	1.805	1.830	69%
37	Frederikshavn Havn	2.563	2.554	2.567	2.481	2.436	2.296	-10%
38	Hanstholm Havn	292	920	509	330	453	364	25%
39	Hirtshals Havn	1.505	1.896	1.945	1.926	2.083	1.985	32%
40	Skagen Havn	241	350	313	364	310	290	20%
41	Nordjyllandsværkets Havn	462	-	-	-	-	-	-100%
42	Aalborg Havn	2.506	2.715	2.995	3.046	2.832	2.392	-5%
43	Aalborg Portland Havn	1.908	2.283	2.385	2.325	2.122	1.664	-13%
Total		49.365	47.087	46.529	44.134	45.446	46.544	-6%
Germany		2012	2018	2019	2020	2021	2022	dev. 12-22
44	Husum	351	300	278	276	203	284	-19%
45	Büsum	99	171	166	151	173	143	44%
46	Brunsbüttel	8.780	9.312	10.132	8.655	8.355	9.512	8%
47	Hamburg	131.269	135.100	136.600	126.300	128.700	103.353	-21%
48	Lübeck	17.170	16.476	16.026	15.291	17.550	16.413	-4%
49	Puttgarden	4.639	5.502	5.375	4.998	5.611	5.502	16%
50	Kiel	4.221	3.927	4.821	4.774	5.364	4.887	16%
51	Flensburg	451	262	281	232	273	286	-37%
Total		166.980	171.050	173.679	160.677	166.229	143.347	-100%
Sweden		2012	2018	2019	2020	2021	2022	dev. 12-22
52	Brofjorden,Scanraff	:	:	:	:	:	:	:
53	Lysekil	:	119	95	84	:	:	:
54	Uddevalla	846	1.100	1.070	1.012	1.002	1.391	64%
55	Stenungsundshamn	3.021	3.489	3.610	3.403	:	:	:
56	Wallhamn	:	:	:	:	:	:	:
57	Göteborg	41.148	40.635	38.887	38.455	36.836	39.956	-3%
58	Varberg	1.698	2.334	2.138	1.527	:	:	:
59	Falkenberg	:	538	562	450	:	:	:
60	Halmstad	2.446	1.895	1.903	2.328	:	:	:
Total		49.159	50.110	48.265	47.259	37.838	41.347	:
Total excl Brofjorden og Wallhamn		49.159	50.110	48.265	47.259	37.838	41.347	:

Table 12. International freight turnover in the ports by ferries and ro-ro, 1000 tonne

<b>Norway</b>	<b>2012</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<i>dev. 12-22</i>
Borg	2	-	60	90	84	89	
Oslo Havn KF	691	661	674	516	504	592	-14%
Drammenregionens Interkommunale Havnevesen	125	175	171	174	238	237	90%
Sandefjord Havnevesen	168	163	154	39	45	102	-39%
Larvik Havn KF	526	671	638	786	836	747	42%
Grenland Havn IKS	268	434	358	257	272	305	14%
Kristiansand Havn KF	502	403	380	419	435	413	-18%
Eigersund Havnevesen KF	-	1	3	0	3	7	
Stavanger Interkommunale Havn IKS	97	326	362	262	238	397	310%
Karmsund Interkommunale Havnevesen IKS	82	110	109	110	261	415	407%
Bergen og Omland Havnevesen	118	129	130	86	90	106	-10%
	2.579	3.072	3.039	2.739	3.008	3.410	32%
<b>Denmark</b>	<b>2012</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<i>dev. 12-22</i>
Esbjerg Havn	1.636	1.648	1.614	1.529	1.410	1.436	-12%
Hanstholm Havn	-	-	-	-	-	-	
Hirtshals Havn	1.292	1.792	1.840	1.787	1.892	1.803	40%
Frederikshavn Havn	2.175	2.177	2.105	2.063	2.096	1.982	-9%
Aalborg Havn	-	-	-	-	-	-	
Grenaa	595	640	564	658	591	530	-11%
Aarhus havn	322	317	297	292	323	359	11%
Fredericia Havn	343	325	327	352	369	343	0%
Aabenraa Havn	-	-	-	-	-	-	
	6.363	6.899	6.747	6.681	6.681	6.453	1%
<b>Germany</b>	<b>2012</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<i>dev. 12-22</i>
Hamburg	676	424	468	413	437	425	-37%
Lübeck	14.048	12.731	12.701	10.655	13.908	12.799	-9%
Puttgarden	4.639	5.502	5.375	4.998	5.611	n.a.	
Kiel	2.558	2.243	2.713	2.975	3.355	2.915	14%
	21.921	20.900	21.257	19.041	23.311		-100%
<b>Sweden</b>	<b>2012</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<i>dev. 12-22</i>
Göteborg	9.499	9.580	8.988	8.594	9.212	8.921	-6%
Varberg	604	640	556	51	n.a.	n.a.	
Halmstad	91	112	118	684	n.a.	n.a.	
	10.194	10.332	9.662	9.329			

Table 13. International freight turnover in the ports with containers, 1000 tonne

Norway	2012	2018	2019	2020	2021	2022	dev. 12-22
Borg	282	562	527	452	475	484	72%
Moss Havn KF	298	240	268	276	292	315	6%
Oslo Havn KF	1.277	1.349	1.497	1.558	1.580	1.650	29%
Drammenregionens Interkommunale Havnevesen	122	211	175	127	65	58	-52%
Larvik Havn KF	588	743	530	668	458	422	-28%
Grenland Havn IKS	347	364	413	453	788	768	122%
Kristiansand Havn KF	408	447	471	456	503	476	16%
Eigersund Havnevesen KF	8	20	26	37	61	38	402%
Sandnes Havn KF		0	-	-	0	-	
Stavanger Interkommunale Havn IKS	133	173	146	176	183	232	75%
Karmsund Interkommunale Havnevesen IKS	59	224	244	214	189	209	251%
Bergen og Omland Havnevesen	173	220	218	211	188	185	7%
Flora Hamn KF	16	37	67	50	25	12	-26%
Nordfjord Havn IKS	102	115	109	120	139	112	10%
Ålesundregionens Havnevesen	371	328	326	324	423	426	15%
Kristiansund og Nordmøre Havn IKS	107	192	175	177	136	124	17%
	4.291	5.228	5.191	5.299	5.505	5.512	28%
<b>Denmark</b>	<b>2.012</b>	<b>2.018</b>	<b>2.019</b>	<b>2.020</b>	<b>2.021</b>	<b>2.022</b>	<b>dev. 12-22</b>
Esbjerg Havn	266	218	204	211	206	196	-26%
Fredericia Havn	689	728	695	756	963	955	39%
Grenaa Havn	-	-	-	12	-	-	
Aarhus Havn	2.655	3.387	3.809	4.484	5.021	5.281	99%
Hanstholm Havn	-	-	-	-	>0	>0	
Hirtshals Havn	-	-	-	-	-	-	
Skagen Havn	-	27	118	70	47	35	
Aalborg Havn	342	223	321	309	274	105	-69%
	3.952	4.583	5.147	5.842	6.566	6.572	66%
<b>Germany</b>	<b>2.012</b>	<b>2.018</b>	<b>2.019</b>	<b>2.020</b>	<b>2.021</b>	<b>2.022</b>	<b>dev. 12-22</b>
Hamburg	71.634	71.462	74.895	69.430	70.066	65.290	-9%
Lübeck	1.851	94	371	350	460	354	-81%
Kiel	449	1.857	1.819	1.360	1.359	1.081	141%
	73.934	73.413	77.085	71.140	71.885	66.725	-10%
<b>Sweden</b>	<b>2.012</b>	<b>2.018</b>	<b>2.019</b>	<b>2.020</b>	<b>2.021</b>	<b>2.022</b>	<b>dev. 12-22</b>
Göteborg	8.694	6.921	7.109	6.944	7.604	8.022	-8%
Varberg	50	64	66	60	n.a.	n.a.	
Halmstad	218	362	428	301	n.a.	n.a.	
	8.962	7.347	7.603	7.305			

Figure 5. The development in the total freight turnover of the ports in NTN's West Scandinavian focus area in Norway, Denmark, Sweden and Germany.  
Index 2012 = 100

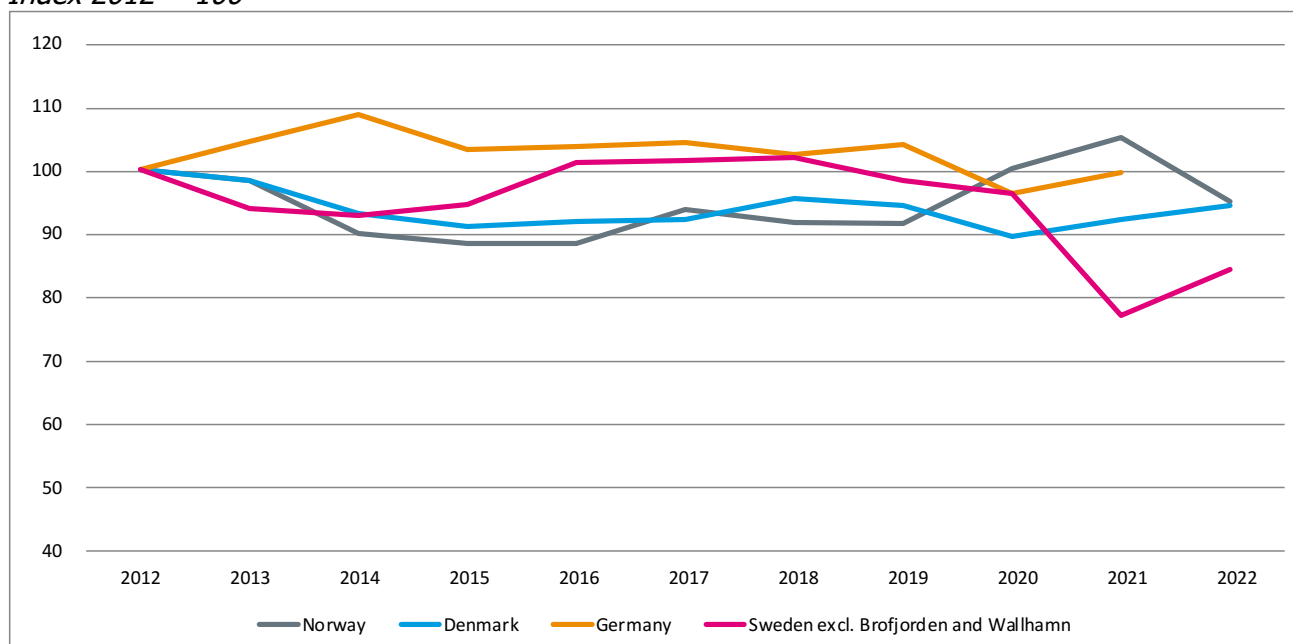


Figure 6. The development in international freight turnover by ferries and RO-RO over the ports in NTN's West Scandinavian focus area in Norway, Denmark, Sweden and Germany.  
Index 2012 = 100

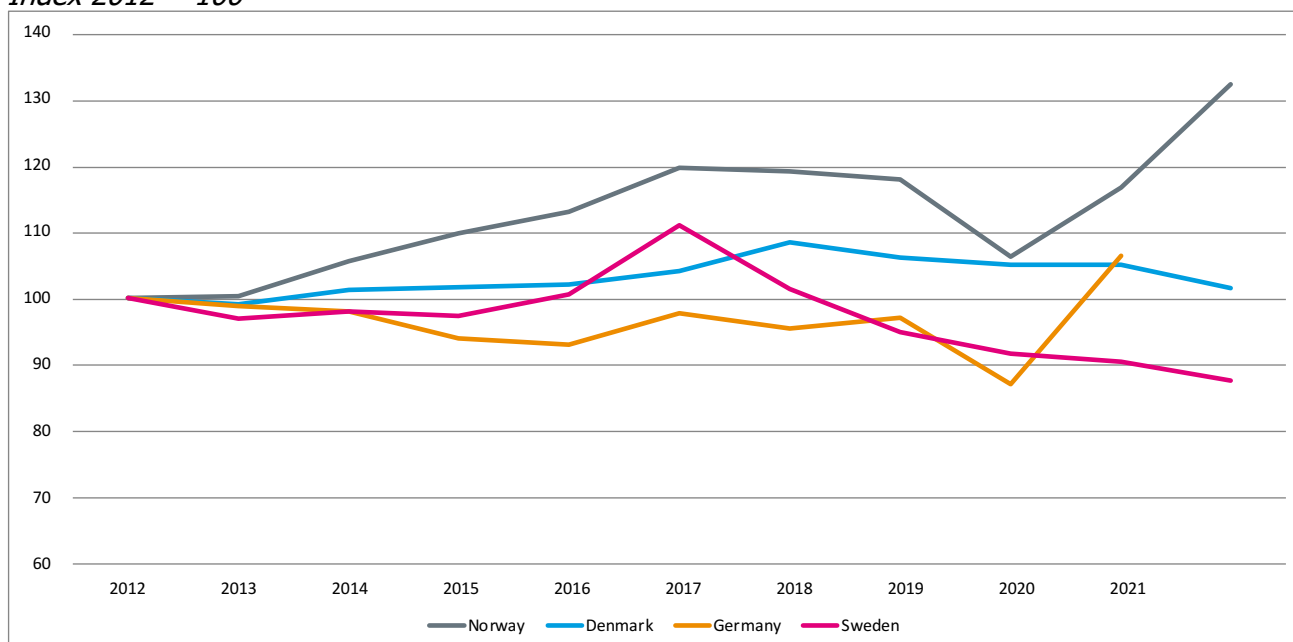
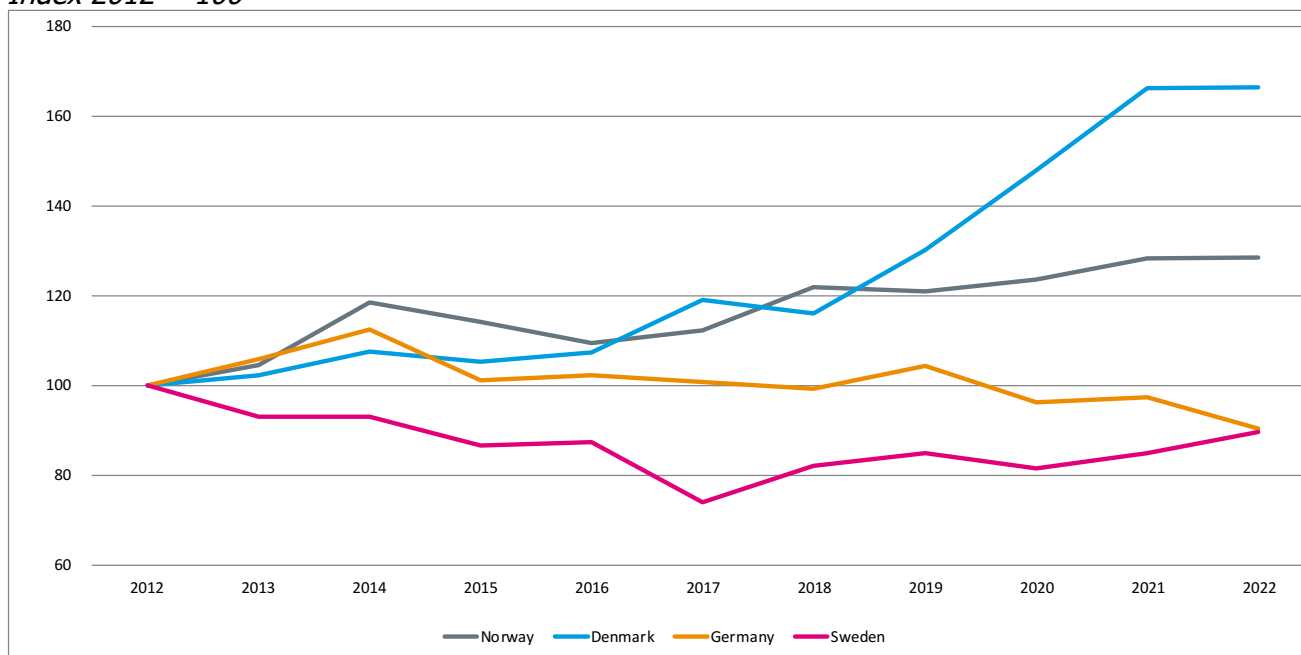
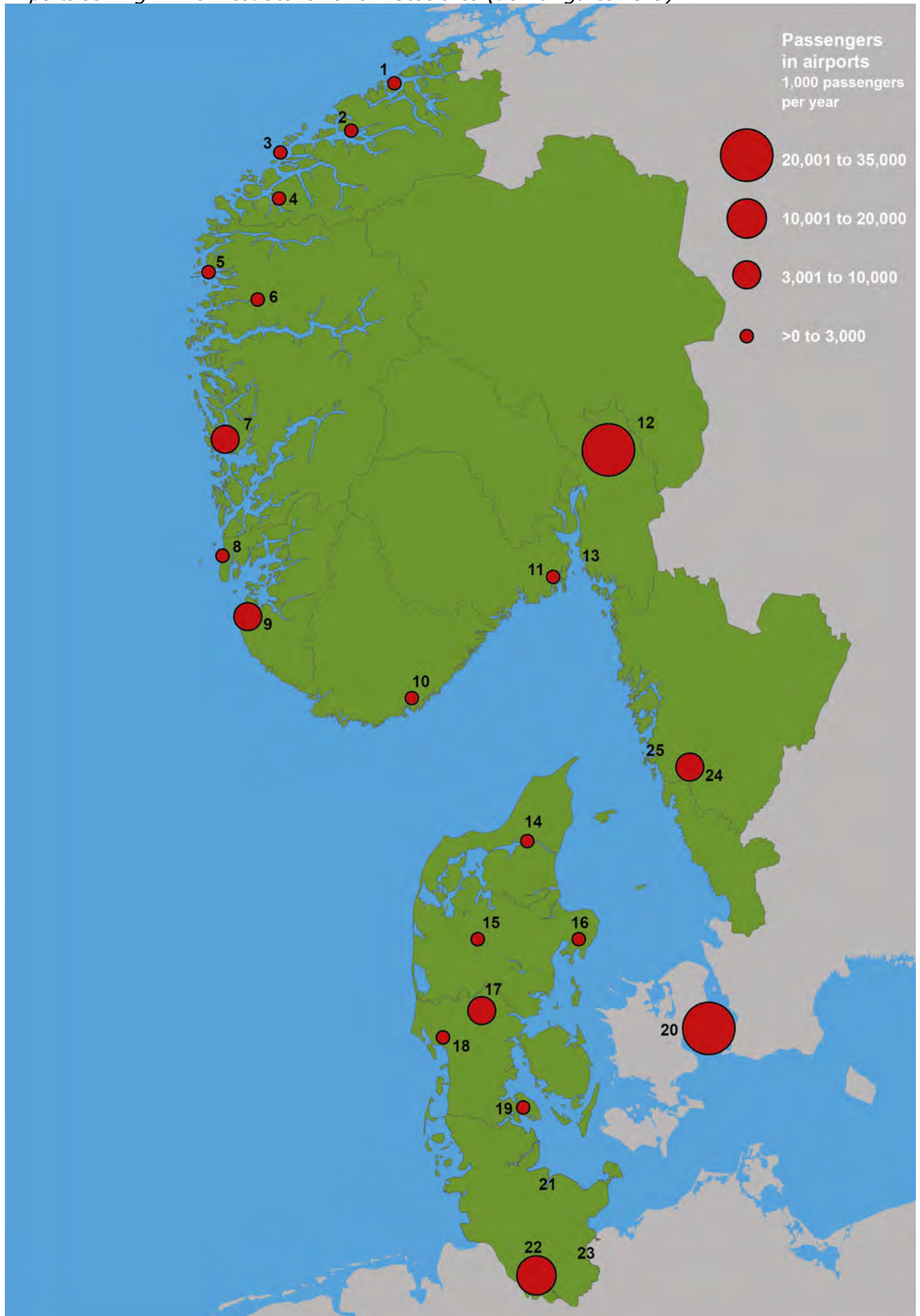


Figure 7. The development in international freight turnover in containers over the ports in NTN's West Scandinavian focus area in Norway, Denmark, Sweden and Germany.  
Index 2012 = 100



Airports serving NTN's West Scandinavian focus area (traffic figures 2019)





# Airports

Table 14. Airports - total number of passengers to/from the airports incl. transit

1000 passengers/year		2012	2018	2019	2020	2021	2022	dev. 12-22
<b>Norway</b>								
1	Kristiansund (Kvenberget)	389	322	330	213	204	281	-28%
2	Molde (Årø)	451	439	434	188	193	353	-22%
3	Vigra (Ålesund)	1.034	1.137	1.155	458	508	930	-10%
4	Hovden (Østra/Volda)	119	122	111	61	75	107	-10%
5	Florø	192	151	159	115	119	151	-21%
6	Førde	93	90	86	34	40	64	-31%
7	Bergen (Flesland)	5.960	6.371	6.559	2.765	3.331	6.057	2%
8	Haugesund (Karmøy)	665	620	620	236	296	506	-24%
9	Stavanger (Sola)	4.209	4.255	4.302	1.677	1.816	3.570	-15%
10	Kristiansand (Kjevik)	1.028	1.062	1.063	385	397	740	-28%
11	Sandefjord (Torp)	1.697	2.064	2.057	626	692	1.725	2%
12	Oslo (Gardemoen)	22.196	28.407	28.477	8.990	9.372	22.391	1%
13	Moss (Rygge)	1.724	-	-	-	-	-	-
		39.757	45.039	45.354	15.748	17.043	36.876	-7%
<b>Denmark</b>								
14	Aalborg	1.308	1.586	1.446	514	765	1.342	3%
15	Karup	174	134	114	29	21	36	-79%
16	Aarhus	481	486	500	120	134	421	-12%
17	Billund	2.706	3.501	3.718	926	1.358	3.704	37%
18	Esbjerg	92	77	84	46	46	78	-15%
19	Sønderborg	38	72	74	22	28	47	24%
20	København	23.289	30.259	30.197	7.512	9.167	22.110	-5%
		28.088	36.115	36.133	9.169	11.519	27.738	-1%
<b>Germany</b>								
21	Kiel							
22	Hamburg	13.675	17.201	17.275	4.557	5.316	11.091	-19%
23	Lübeck	344	-	-	-	-	-	-
		14.019	17.201	17.275	4.557	5.316	11.091	-21%
<b>Sweden</b>								
24	Göteborg (Landvetter)	4.931	6.808	6.672	1.577	1.912	4.446	-10%
25	Göteborg City Airport	809	-	-	-	-	-	-
		5.740	6.808	6.672	1.577	1.912	4.446	-23%

Note:

Freight transport via Billund Airport is calculated here on the basis of the statistics that the airport publishes on their website. The statistics include goods that are classified as aircargo at the airport.

For the other airports, the calculation is based on the national statistics administrations, in Denmark, for example, Statistics Denmark.

Table 15. Airports - freight turnover

Freight, tonne	2012	2018	2019	2020	2021	2022	dev. 12-22
<b>Norway</b>							
Kristiansund (Kvenberget)	207	113	96	86	82	86	-58%
Molde (Årø)	336	241	226	181	218	240	-29%
Vigra (Ålesund)	701	1.081	1.028	987	1.079	976	39%
Hovden (Østra/Volda)	32	35	32	27	25	27	-16%
Florø	45	114	78	193	280	138	207%
Førde	38	81	110	80	101	100	163%
Bergen (Flesland)	2.797	4.510	4.796	5.900	6.562	5.981	114%
Haugesund (Karmøy)	231	194	181	129	129	120	-48%
Stavanger (Sola)	3.220	6.662	14.510	12.794	11.809	9.852	206%
Kristiansand (Kjevik)	281	1.863	1.045	987	1.037	805	186%
Sandefjord (Torp)	223	86	85	60	79	71	-68%
Oslo (Gardemoen)	82.440	172.694	178.249	165.614	179.378	164.484	100%
	90.551	187.674	200.436	187.038	200.779	182.880	102%
<b>Denmark</b>							
Aalborg	100	-	-	-	-	-	
Karup (Midtjyllands Lufthavn)	-	-	-	-	-	-	
Aarhus	-	-	-	-	-	-	
Billund	61.666	73.221	74.064	67.149	77.150	76.874	25%
Esbjerg	100	-	-	100	-	-	
Sønderborg	-	-	-	-	-	-	
København	152.600	248.500	250.800	171.600	223.100	241.500	58%
	214.466	321.721	324.864	238.849	300.250	318.374	48%
<b>Germany</b>							
Hamburg	28.171	33.478	27.380	9.995	21.932	21.188	-25%
<b>Sweden</b>							
Göteborg (Landvetter)	34.520	17.357	17.912	19.685	18.260	16.175	-53%

Figure 8. The development in the number of passengers at the airports in NTN's West Scandinavian focus area in Norway, Denmark, Sweden and Germany.

Index 2012 = 100

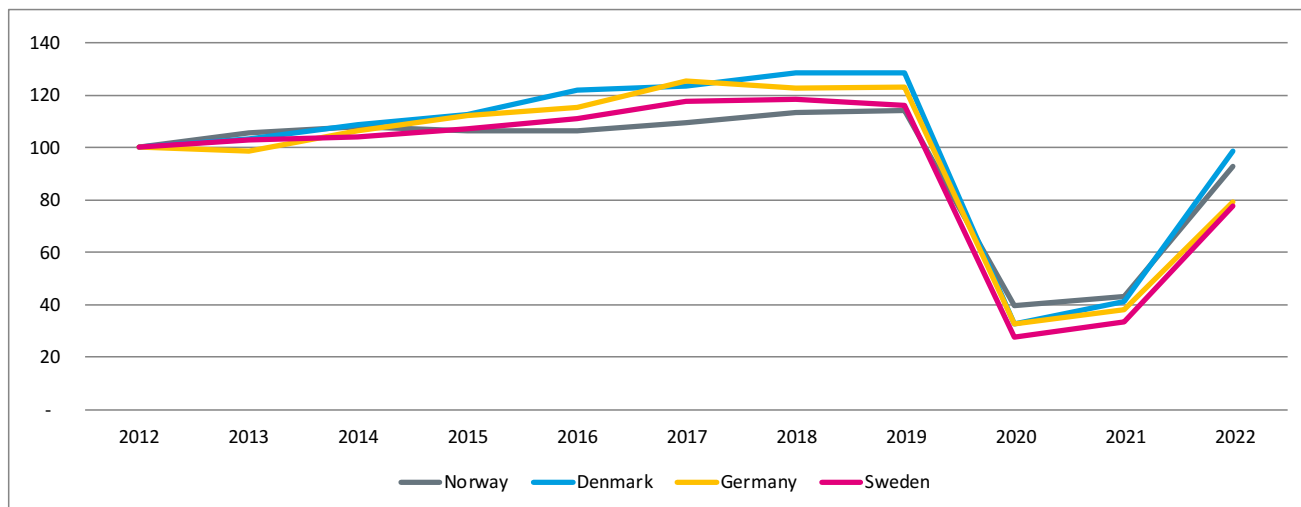
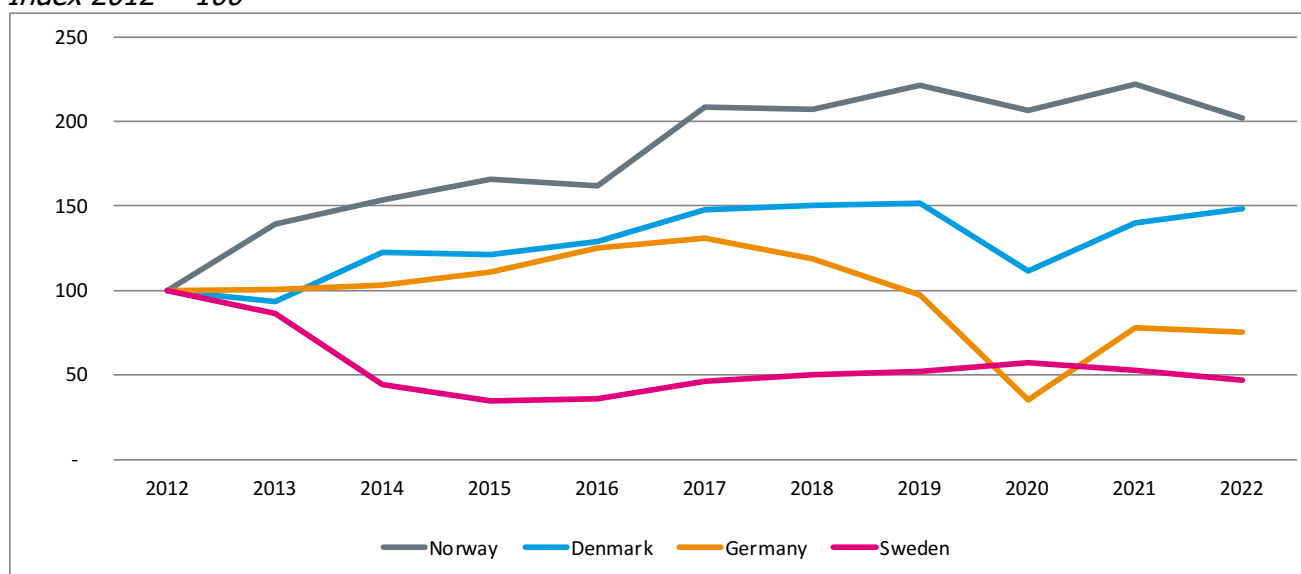


Figure 9. The development in freight turnover at the airports in NTN's West Scandinavian focus area in Norway, Denmark, Sweden and Germany.

Index 2012 = 100



# Rail

Table 16. Freight transport by rail in Denmark, Norway, Sweden and Northern Germany

Germany										
mill. tonne	2012	2015	2016	2017	2018	2019	2020	2021	2022	dev. 12-22
<i>National freight transport</i>										
<b>Total national freight transport</b>	<b>247,1</b>	<b>241,7</b>	<b>234,8</b>	<b>226,1</b>	<b>222,0</b>	<b>232,2</b>	<b>208,3</b>	<b>232,0</b>	<b>231,9</b>	<b>-0,6%</b>
<i>International freight transport</i>										
Export	45,3	47,5	49,2	46,8	43,3	44,6	42,8	48,9	48,1	0,6%
Import	58,2	58,0	57,9	55,0	50,6	50,3	50,9	57,5	56,8	-0,3%
Transit traffik	15,5	20,2	21,6	20,7	18,7	14,7	18,1	19,2	22,1	4,2%
<b>Total interational freight transport</b>	<b>119,0</b>	<b>125,6</b>	<b>128,7</b>	<b>122,4</b>	<b>112,6</b>	<b>109,7</b>	<b>111,8</b>	<b>125,6</b>	<b>127,0</b>	<b>0,7%</b>
<b>Total national and international transport</b>	<b>366,1</b>	<b>367,3</b>	<b>363,5</b>	<b>348,6</b>	<b>334,6</b>	<b>341,9</b>	<b>320,1</b>	<b>357,6</b>	<b>358,9</b>	<b>-0,2%</b>
Freight intern, to and from german bundesländer										
	2012	2015	2016	2017	2018	2019	2020	2021	2022	dev. 12-22
<b>Schleswig-Holstein</b>		7,7	6,6	7,1		6,5	6,6	7,8	8,7	
<b>Hamborg</b>		48,1	49,4	46,3		51,4	49,3	53,7	53,2	
Norway										
mill. tonne	2012	2015	2016	2017	2018	2019	2020	2021	2022	dev. 12-22
<i>National freight transport</i>										
<b>Total national freight transport</b>	<b>9,4</b>	<b>10,7</b>	<b>10,7</b>	<b>11,3</b>	<b>12,2</b>	<b>13,0</b>	<b>13,1</b>	<b>11,8</b>	<b>11,7</b>	<b>2,4%</b>
- of which iron ore and other mining products	3,7	5,2	5,0	5,1	5,6	6,7	7,1	6,1	5,8	5,8%
<i>International freight transport</i>										
Import	19,1	17,8	20,6	20,8	20,2	18,5	20,8	22,1	18,6	-0,3%
- of which iron ore and other mining products	18,4	17,3	20,0	20,2	19,5	17,9	20,1	21,4	17,9	-0,3%
Eksport	1,8	3,1	2,7	2,9	2,6	3,0	2,9	3,7	3,2	7,9%
- of which iron ore and other mining products	0,6	0,5	0,4	0,5	0,5	0,6	0,5	0,5	0,5	-1,2%
<b>Total interational freight transport</b>	<b>20,8</b>	<b>20,9</b>	<b>23,3</b>	<b>23,7</b>	<b>22,8</b>	<b>21,5</b>	<b>23,7</b>	<b>25,8</b>	<b>21,8</b>	<b>0,4%</b>
Total international excl. mining products	1,8	3,1	2,8	2,9	2,8	3,0	3,1	3,8	3,3	8,1%
<b>Total national and international transport</b>	<b>30,3</b>	<b>31,6</b>	<b>34,0</b>	<b>35,0</b>	<b>35,0</b>	<b>34,6</b>	<b>36,8</b>	<b>37,6</b>	<b>33,5</b>	<b>1,1%</b>
Total excl. iron ore and other mining products	7,6	8,6	8,5	9,1	9,4	9,4	9,1	9,5	9,2	2,2%
Denmark										
mill. tonne	2012	2015	2016	2017	2018	2019	2020	2021	2022	dev. 12-22
<i>National freight transport</i>										
<b>Total national freight transport</b>	<b>0,8</b>	<b>1,1</b>	<b>1,0</b>	<b>0,9</b>	<b>1,0</b>	<b>0,8</b>	<b>1,0</b>	<b>0,6</b>	<b>0,7</b>	<b>-1,2%</b>
<i>International freight transport</i>										
Import	0,8	1,0	1,1	1,1	1,0	1,1	1,2	1,2	1,3	6,0%
Export	0,3	0,4	0,5	0,4	0,4	0,4	0,5	0,4	0,5	5,5%
Transit traffik	6,1	6,2	6,7	6,9	6,7	6,2	5,9	4,9	5,3	-1,3%
<b>Total interational freight transport</b>	<b>7,1</b>	<b>7,5</b>	<b>8,2</b>	<b>8,4</b>	<b>9,6</b>	<b>9,1</b>	<b>9,3</b>	<b>7,9</b>	<b>8,7</b>	<b>2,2%</b>
<b>Total national and international transport</b>	<b>8,0</b>	<b>8,7</b>	<b>9,3</b>	<b>9,3</b>	<b>10,5</b>	<b>10,0</b>	<b>10,3</b>	<b>8,5</b>	<b>9,5</b>	<b>1,9%</b>
Sweden										
mill. tonne	2012	2015	2016	2017	2018	2019	2020	2021	2022	udv. 12-22
<i>National freight transport</i>										
<b>Total national freight transport</b>	<b>37,1</b>	<b>36,3</b>	<b>36,3</b>	<b>37,6</b>	<b>36,0</b>	<b>35,4</b>	<b>36,2</b>	<b>37,2</b>	<b>37,7</b>	<b>0,2%</b>
Of which: malmбанen	10,2	9,7	10,3	12,1	7,5	7,1	8,6	8,1	7,9	-2,2%
<i>International freight transport</i>										
Wagen loads	5,4	7,0	7,2	7,5	8,0	7,9	10,5	9,9	9,6	7,7%
Malmбанen	18,9	17,7	19,7	19,9	20,5	20,5	19,8	21,7	20,6	0,9%
Combitransport	4,4	4,0	4,2	4,3	4,6	4,5	3,2	3,6	3,0	-3,1%
<b>Total interational freight transport</b>	<b>28,7</b>	<b>28,7</b>	<b>31,2</b>	<b>31,7</b>	<b>33,1</b>	<b>32,9</b>	<b>33,6</b>	<b>35,2</b>	<b>33,2</b>	<b>1,6%</b>
<b>Total national and international transport</b>	<b>65,8</b>	<b>65,0</b>	<b>67,5</b>	<b>69,4</b>	<b>69,1</b>	<b>68,2</b>	<b>69,8</b>	<b>72,5</b>	<b>70,9</b>	<b>0,8%</b>
	36,7	37,6	37,5	37,4	41,1	40,6	41,4	42,7	42,4	1,5%

Note:

Note that ore transport is included in both the Swedish and Norwegian statistics. However, they are handled differently in the two statistics:

- In Norway, transport with ore and other products extracted by mining is calculated as an independent product group
- In Sweden, transport on the Swedish part of the Malmбанen is calculated separately

Therefore, the two statistics cannot be 100% compared. However, they both give a picture of the importance of transporting raw materials from mining in the two countries.

Figure 10. The development in national and international freight turnover with rail in Norway, Denmark, Germany and Sweden from 2012 to 2022  
Indexed development, 2012 = 100

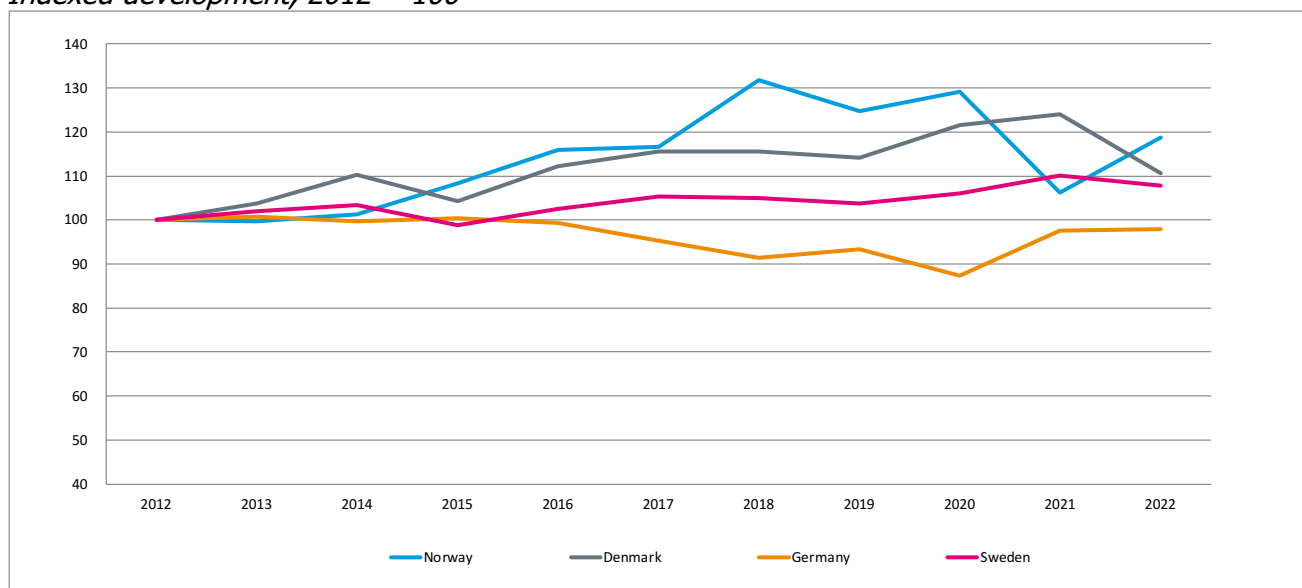
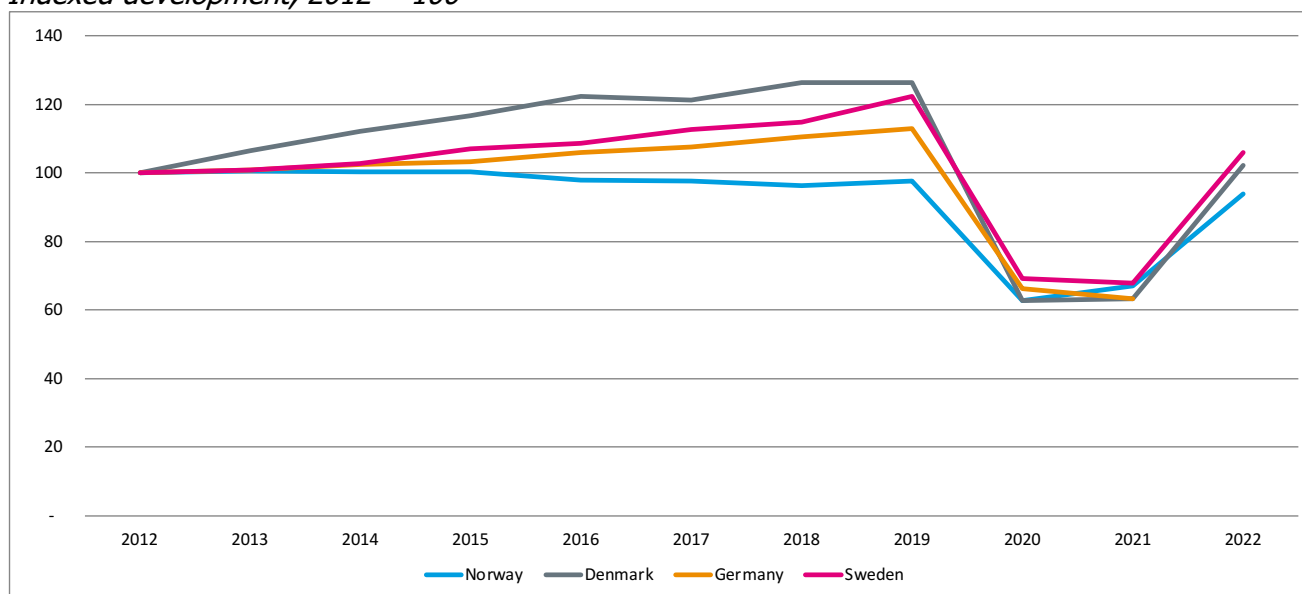


Figure 11. The development of passenger transport work by rail in Norway, Denmark, Germany and Sweden from 2012 to 2022 (NB national level).  
Indexed development, 2012 = 100



# Developments in passenger transport work

Table 17. Developments in passenger transport work 2012 – 2022 in Denmark, Norway, Germany and Sweden

Mia. passenger km NB: the table includes passenger traffic at national level for the four countries.

Denmark:	2012	2018	2019	2020	2021	2022	modal split 22	dev. 12-22 p.a.
Ship	0,2	0,3	0,3	0,3	0,3	0,3	0,4%	8,5%
Car	60,1	67,7	69,2	64,0	66,5	67,9	78,3%	1,3%
Bus	6,5	7,1	7,0	4,5	4,8	8,2	9,5%	2,7%
Rail	6,8	6,5	6,6	4,3	4,6	6,4	7,4%	-0,6%
Plane	0,4	0,3	0,3	0,1	0,2	0,3	0,3%	-2,6%
Motorcycles, mopeds and bicycles	3,6	3,4	3,4	3,4	3,4	3,6	4,2%	0,1%
Total	77,5	85,5	86,9	76,6	79,7	86,7	100,0%	1,2%

Norway:	2012	2018	2019	2020	2021	2022	modal split 22	dev. 12-22 p.a.
Ship	1,0	1,2	1,1	0,5	0,7	1,1	1,6%	1,7%
Car	60,7	57,8	58,1	54,1	56,3	59,1	79,9%	-0,3%
Bus	3,8	4,3	4,6	2,8	2,9	3,3	4,4%	-1,3%
Rail	3,7	4,7	4,7	2,3	2,3	3,8	5,1%	0,2%
Plane	5,7	5,9	5,8	2,9	3,4	5,2	7,0%	-0,9%
Motorcycles and mopeds	1,4	1,5	1,5	1,6	1,6	1,5	2,0%	0,5%
Total	76,3	75,4	75,8	64,3	67,2	74,0	100,0%	-0,3%

Sweden:	2012	2018	2019	2020	2021	2022	modal split 22	dev. 12-22 p.a.
Ship	0,8	1,6	1,7	0,7	0,9	1,5	1,1%	8,4%
Car	108,4	95,0	95,6	90,2	89,5	94,8	76,2%	-1,3%
Bus	9,5	10,0	10,1	9,0	8,9	9,4	7,6%	-0,2%
Rail	14,2	16,3	17,3	9,8	9,6	15,0	8,2%	0,6%
Plane	3,4	13,5	13,1	3,5	3,9	8,8	3,4%	15,8%
Motorcycles, mopeds and bicycles	6,1	3,8	5,2	5,5	4,6	4,7	3,9%	-2,2%
Total	142,3	140,2	142,9	118,7	117,5	134,1	100,3%	-0,6%

Germany:	2012	2018	2019	2020	2021	2022	modal split 21	dev. 11-21 p.a.
Motorized individual transport	914,6	913,3	917,0	798,7	804,3		86,8%	-1,1%
Bus and trams	76,0	80,1	79,5	45,7	42,4		4,6%	-4,1%
Rail	88,8	98,2	100,4	58,8	56,2		6,1%	-3,0%
Plane	56,2	70,4	71,8	18,7	23,4		2,5%	-6,5%
- domestic flights	10,3	10,3	10,1	2,6	2,1		0,2%	-7,5%
Total	1.135,6	1.162,0	1.168,7	921,9	926,2		100,0%	-1,7%

Note: In Sweden, there is a data breach from 2017 to 2018 due to changed methods for calculating passenger transport work by car and bicycle/walking. For the transport work by car, the change has meant that the calculation of the passenger transport work has been adjusted down by approx. 17%. International trips by plane to and from Swedish airports are included in the national passenger transport work from 2018.

Figure 12. The development in passenger transport work per person per year in Norway, Denmark, Germany and Sweden from 2012 to 2022 (NB national level).  
1000 km per person per year

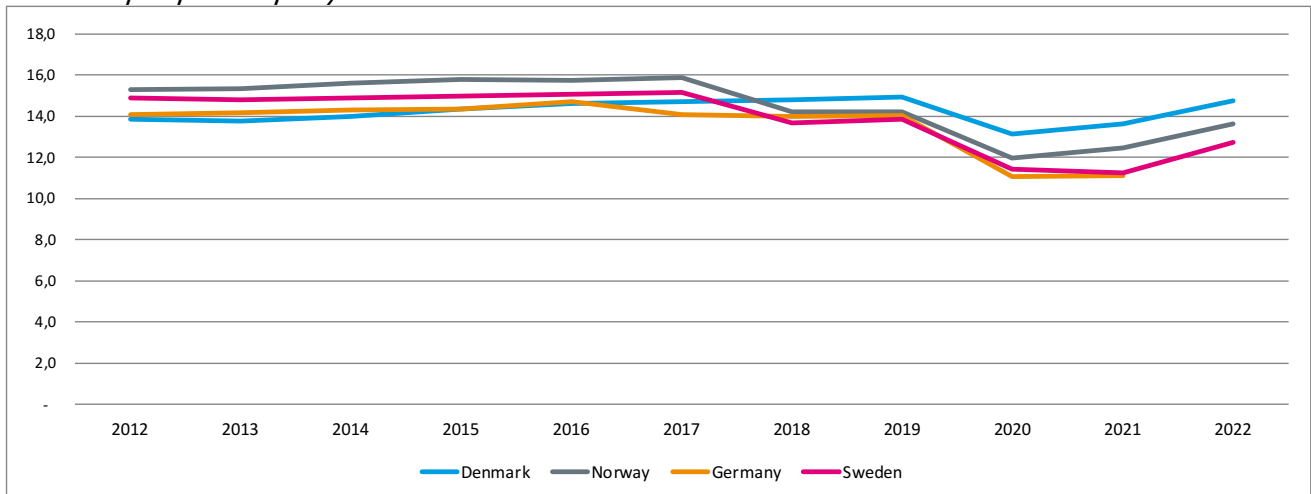
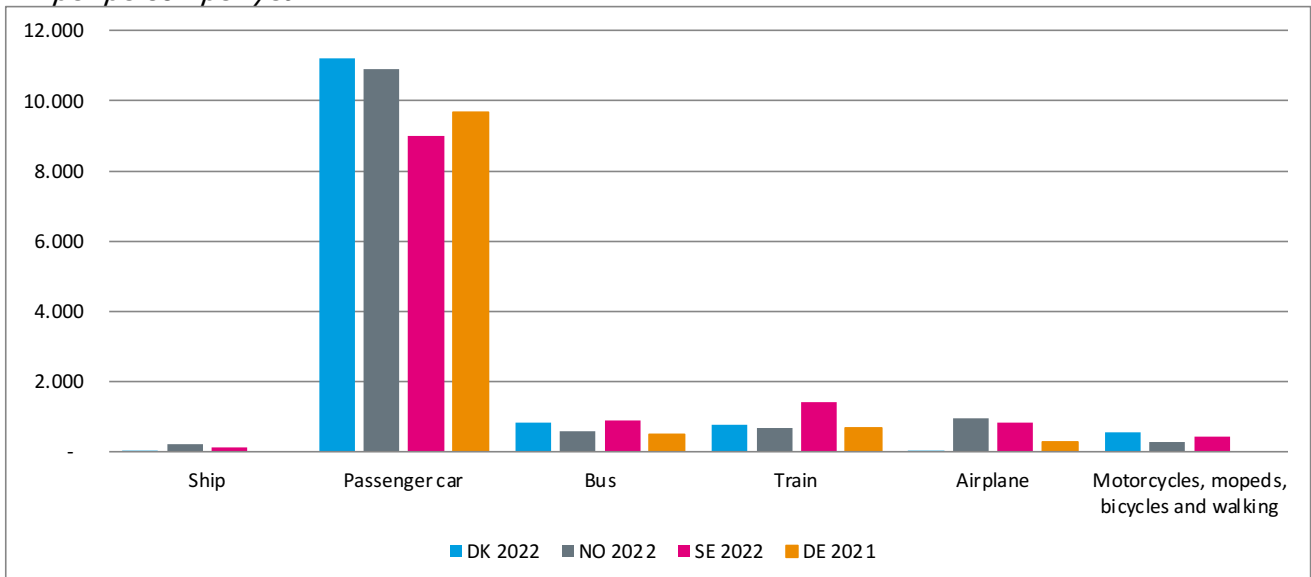


Figure 13. Person kilometers per inhabitant distributed by means of transport in Norway, Denmark, Germany and Sweden (NB national level - NB latest year with data).

km per person per year



Note:

There is a difference in which means of transport are included in the calculation of passenger transport work from country to country. In Sweden, passenger transport work is calculated by walking, cycling, moped and motorbike. In Denmark, the calculation does not include passenger transport work on foot. In Norway, passenger transport work such as walking and cycling is not included in the calculation. In Germany, passenger transport work with motorbikes and mopeds is included under "passenger car", and passenger transport work by bus here includes all local public transport (ÖPNV) as well as on-demand driving by bus.





# Landings of fish

*Table 18. Total caught fish landings in Denmark, Norway, Sweden and Germany  
For Norway, the table is supplemented with the weight of slaughtered fish from aquaculture (sea farming). Thousand tonne*

	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Denmark</b>									
Caught fish landings	994	1.159	897	1.201	1.144	943	946	952	711
<b>Norway</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Caught fish landings	2.398	2.386	2.274	2.498	2.466	2.366	2.926	2.899	2.912
Slaughtered fish from aquaculture	1.330	1.378	1.324	1.306	1.353	1.451	1.488	1.663	1.659
<b>Sweden</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Caught fish landings	102	88	93	91	94	60	64	36	
<b>Germany</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Caught fish landings	106	107	119	163	106	83	87	64	
<b>Total</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Caught fish landings	3.599	3.741	3.383	3.953	3.810	3.452	4.024	3.952	
Slaughtered fish from aquaculture	1.330	1.378	1.324	1.306	1.353	1.451	1.488	1.663	

*Table 19. Total catch in Denmark and Norway, divided by region  
For Norway, the table is supplemented with the weight of slaughtered fish from aquaculture (sea farming).*

*Thousand tonne*

<b>Denmark</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Caught fish landings</b>									
North Denmark Region	563	639	509	710	632	543	539	443	427
Central Denmark Region	369	446	332	426	429	343	371	247	186
Region of Southern Denmark	18	25	17	11	23	18	13	5	3
	951	1.109	858	1.148	1.083	904	924	695	617
<b>Denmark total</b>	<b>1.004</b>	<b>1.174</b>	<b>907</b>	<b>1.214</b>	<b>1.148</b>	<b>961</b>	<b>952</b>	<b>711</b>	<b>641</b>
<b>Norway</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Caught fish landings</b>									
Agder County	5	5	7	6	5	4	4	3	4
Innlandet County							-	-	-
Møre and Romsdal County	556	513	497	565	544	503	450	454	460
Oslo							0	0	0
Rogaland County	407	448	400	459	484	538	595	421	402
Vestfold and Telemark County	1	1	1	1	1	1	1	1	1
Westland County	358	336	287	317	296	296	292	238	226
Viken County	1	1	1	1	1	1	1	1	1
	1.328	1.305	1.193	1.350	1.332	1.342	1.343	1.117	1.094
<b>Slaughtered fish from aquaculture</b>									
Møre and Romsdal	134	180	105	172	90	200	95	222	122
Rogaland	62	84	76	80	65	93	87	94	106
Westland	322	320	345	308	304	321	362	344	376
	517	583	527	559	459	614	544	660	604
<b>Norge total</b>									
Caught fish landings	2.398	2.386	2.274	2.498	2.466	2.366	2.926	2.899	2.912
Slaughtered fish from aquaculture	1.330	1.378	1.324	1.306	1.353	1.451	1.488	1.663	1.659
	<b>3.731</b>	<b>3.767</b>	<b>3.600</b>	<b>3.807</b>	<b>3.821</b>	<b>3.819</b>	<b>4.414</b>	<b>4.562</b>	<b>4.571</b>

Table 20. Caught fish landings in the largest fishing ports in Denmark and Norway. Thousand tonne

	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>North Denmark Region</b>									
Ørødde	n.a.	n.a.	n.a.	16,6	16,5	21,7	12,8	23,5	24,1
Hanstholm	140,7	196,9	158,0	240,7	176,6	145,0	204,0	115,8	62,9
Hirtshals	64,0	53,8	53,1	53,2	49,9	35,0	29,0	19,3	28,4
Skagen	317,7	347,5	269,0	393,0	384,1	341,0	290,0	285,8	313,0
Strandby (Nordjylland)	13,5	14,1	7,6	2,9	4,1	3,0	6,0	0,7	1,0
SUM	535,9	612,3	487,7	706,4	631,2	545,7	541,8	445,0	429,3
<b>Central Denmark Region</b>									
Grenå	30,9	30,6	35,7	43,7	37,4	55,0	37,0	27,7	40,5
Hvide sande	74,0	86,8	42,6	51,7	49,0	30,0	55,0	31,1	30,0
Thyborøn	251,0	309,6	223,5	301,5	324,4	243,0	270,0	180,2	109,8
Thorsminde	1,6	1,3	1,3	1,3	1,4	1,0	1,0	1,3	1,1
	357,4	428,3	303,1	398,1	412,2	329,0	363,0	240,2	181,4
<b>Møre and Romsdal County</b>									
ÅLESUND	209,8	275,8	237,5	287,3	262,7	261,7	253,8	239,9	259,1
FRÆNA	32,6	34,8	39,0	51,9	50,8	49,1	-	-	-
HERØY i Møre og Romsdal	30,5	29,2	35,2	35,9	38,3	32,1	39,3	46,8	42,8
HAREID	29,2	18,7	21,3	27,6	35,1	26,0	33,6	36,6	37,5
EIDE	30,8	16,4	14,9	6,0	26,2	19,9	-	-	-
SULA	87,0	18,5	18,9	18,5	19,7	15,4	20,3	27,3	25,5
SMØLA	18,2	16,1	16,2	17,6	15,3	13,0	11,4	10,2	10,0
ØRSTA	7,1	6,5	0,5	8,8	6,7	7,3	9,3	10,6	7,7
HARAM	4,7	4,5	4,7	8,0	7,1	6,6	-	-	-
KRISTIANSUND	3,8	1,7	16,3	10,3	6,3	3,6	0,6	0,2	0,0
SANDE i Møre og Romsdal	3,2	2,7	3,3	3,6	3,7	3,2	8,5	2,8	2,6
AVERØY	2,3	2,2	4,7	3,6	4,2	2,6	5,4	2,7	2,1
	459,2	426,9	412,4	479,3	476,0	440,6	382,2	377,2	387,2
<b>Rogaland County</b>									
KARMØY	157,6	173,5	156,6	193,8	249,8	264,8	304,0	180,5	189,2
EIGERSUND	170,5	190,4	162,2	194,8	164,1	220,9	281,8	216,6	204,2
HÅ	12,9	9,2	5,2	4,0	3,9	11,7	7,3	3,7	0,4
HAUGESUND	7,7	5,2	8,8	13,1	7,9	4,5	1,0	19,1	7,3
	348,8	378,3	332,8	405,7	425,8	501,8	594,1	419,9	401,2
<b>Westland County1)</b>									
KINN	-	-	-	-	-	-	206,3	170,1	166,5
STAD	-	-	-	-	-	-	19,4	22,7	22,0
BREMANGER	2,2	2,3	2,2	24,6	23,6	29,2	30,1	30,8	28,0
AUSTEVOLL	24,5	16,3	15,0	14,1	17,2	15,2	11,6	0,1	0,1
BERGEN	8,3	6,7	7,0	4,8	4,3	4,1	7,5	7,1	4,1
SOLUND	14,2	10,3	7,7	9,2	7,6	2,8	5,4	2,1	0,1
ASKVOLL	3,9	4,4	3,3	3,1	3,9	3,4	3,7	2,9	3,3
BJØRNAFJORDEN	-	-	-	-	-	-	2,6	0,0	0,0
SVEIO	1,7	1,6	2,1	2,2	2,6	2,1	2,6	0,0	0,1
BØMLO	0,4	0,9	1,0	1,0	0,7	1,4	1,4	1,2	1,1
ALVER	-	-	-	-	-	-	0,7	0,6	0,4
	55,2	42,5	38,3	59,0	59,9	58,2	291,3	237,4	225,7

Note:

1) The statistics have changed from 2020, for Vestland this has also meant a changed division into municipalities. Therefore, the statistics are not comparable with previous years for Western Norway

2) In Norway, the statistics show the distribution of the country's catch by municipalities

# Data Sources

## Area, population and employment

- Denmark: Danmarks Statistik, Statistikbanken [www.dst.dk](http://www.dst.dk)
- Norway: SSB Statistikkbanken [www.ssb.no](http://www.ssb.no)
- Sweden: Statistikdatabasen [www.scb.se](http://www.scb.se)
- Germany: Statistikportal.de [www.statistik-portal.de](http://www.statistik-portal.de)

## Key figures for ferry corridors

- Ferries from Denmark:: Danmarks Statistik, Statistikbanken samt SSB statistikkbanken (Norge)
- Ferries Sweden - Germany: Trafikanalys
- Ferries Norway - Germany / Norway - Sweden: SSB statistikkbanken (Norge)

## Road network

- Denmark: Danmarks Statistik, Statistikbanken
- Norway: Statens Vegvesen [www.vegvesen.no](http://www.vegvesen.no)
- Sweden: Statistikdatabasen
- Germany: Statistikportal.de

## International lorry traffic

- The Road Directorate
- Statens Vegvesen, Norway
- Danmarks Statistik, statistikbanken
- Øresundsbroen, [www.oresundsbron.com](http://www.oresundsbron.com)

## Roadtraffic

- Denmark: Vejdirektoratet
- Norway: Statens Vegvesen
- Germany: Bundesanstalt für Straßenwesen, [Bast.de](http://Bast.de)

## Freight turnover in ports

- Denmark: Danmarks Statistik, Statistikbanken
- Norway: SSB statistikkbanken
- Sweden: Eurostat
- Germany: Eurostat

### Passenger traffic at airports

- Denmark: Danmarks Statistik, Statistikbanken
- Norway: SSB statistikkbanken
- Sweden: Trafikanalys. [www.Trafa.se](http://www.Trafa.se)
- Germany: Genesis Online [www-genesis.destatis.de](http://www-genesis.destatis.de)

### Freight transport in airports:

- Billund airport: Lufthavnens hjemmeside [www.billund-airport.dk/](http://www.billund-airport.dk/)
- Denmark: Danmarks Statistik, Statistikbanken
- Norway: SSB statistikkbanken
- Sweden: Trafikanalys. [www.Trafa.se](http://www.Trafa.se)
- Germany: Genesis Online [www-genesis.destatis.de](http://www-genesis.destatis.de)

### Freight transport by rail

- Danmark: Danmarks Statistik, Statistikbanken
- Sweden: Trafikanalys
- Norway: SSB Statistikkbanken
- Germany: Genesis Online [www-genesis.destatis.de](http://www-genesis.destatis.de)

### Passenger transport works:

- Denmark: Danmarks Statistik, Statistikbanken
- Sweden: Trafikanalys [www.trafa.se](http://www.trafa.se)
- Norway: SSB Statistikkbanken
- Germany: Verkehr in Zahlen. [www.bmvi.de](http://www.bmvi.de)

### Landed catch of fish:

- Denmark: Danmarks Statistik, Statistikbanken, og Fiskeristyrelsen
- Sweden: Eurostat
- Norway: SSB Statistikkbanken og Fiskeridirektoratet
- Germany: Eurostat

# Explanation of words

## *Passenger transport work*

Passenger transport work is the measure of the travel activity carried out by people in a region over a period of time.

Passenger transport work is measured as the total journey length of all persons in the region during the period.

Passenger transport work is calculated as passenger-kilometers.

## *Passenger kilometers*

*1 passenger kilometer is the transport work a person has completed when a kilometer has been traveled.*

## *AADT (Annual Average Daily Traffic)*

*Average daily traffic on a roadway link for all days of the week during a period of one year, expressed in vpd (vehicles per day).*

## *RO-RO traffic*

*RoRo (English acronym: roll on – roll off) is a term for a type of ship that has a design where rolling cargo can be driven from the quay and directly on board and out of the ship again. When it comes to freight transport, Ro-Ro covers goods on loose trailers that are pulled on and off the ferry, and goods on trucks, where the driver also drives on board.*

## Bulk transport

*Bulk transports include those transports of goods by ship that are not handled in "unit load carriers" but are loaded and loaded directly onto the ship (e.g. oil, coal, timber, stone and feed)*