

## Preface

Statistics Denmark - in collaboration with the Danish Ministry of Transport - hereby issues *Key figures for transport 2004*. Correspondent publications have been published since 1998.

The aim of the publication is to provide a summary description of the structure and development of the conveyance of goods and passengers using tables and figures. As a general rule, the reference period is the 3 most recent years and one year 10 years back.

*Key figures for transport 2004* contains 19 pages with tables and figures and a text section at the end of the publication, including definitions, remarks and sources used for each table.

*Key figures for transport 2004* is also accessible from the web sites of Statistics Denmark (<http://www.dst.dk>) and the Ministry of Transport (<http://www.trm.dk>).

Further information may for some areas be obtained from the publication *Statistical News* appearing in the series *Transport*.

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## Key figures for transport 2004

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### Symbols

0	}	Less than half the final digit shown
0,0		
.		Category not applicable
..		Available information not conclusive or withheld owing to nondisclosure practice
...		Data not available
-		Nil
		Break in a series, which means that data above the line are not fully comparable with data below the line

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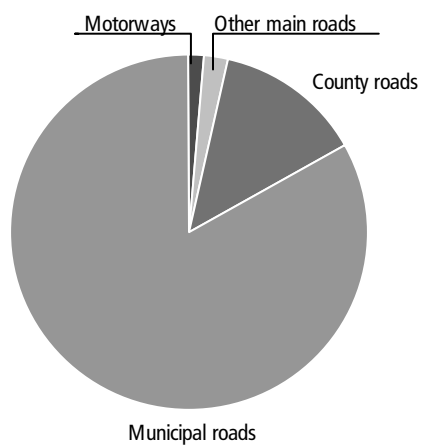
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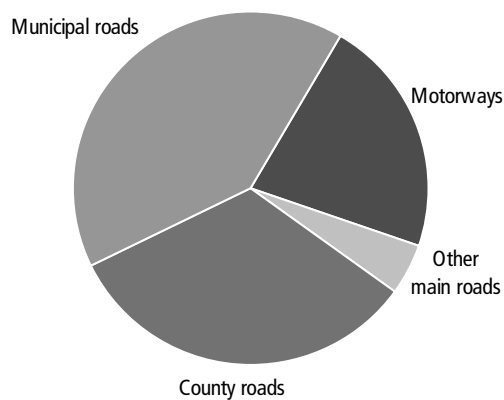
## 1. The infrastructure on 1 January

	1994	2002	2003	2004
	km			
<b>Road network length, total</b>	<b>71 111</b>	<b>71 888</b>	<b>71 951</b>	<b>72 074</b>
Main roads	4 552	1 660	1 659	1 663
Of which motorways	783	971	1 009	1 027
County roads	7 027	9 988	9 964	9 694
Municipal roads	59 532	60 240	60 328	60 717
<b>Rail network length, total</b>	<b>2 881</b>	<b>2 768</b>	<b>2 779</b>	<b>2 785</b>
Of which electrified	324	624	635	641
Of which private railways	532	495	495	495
	no.			
Stations and halts	492	554	556	567
Sea ports	133	124	122	121
Airports	26	23	23	23

Road network length. 1 January 2004



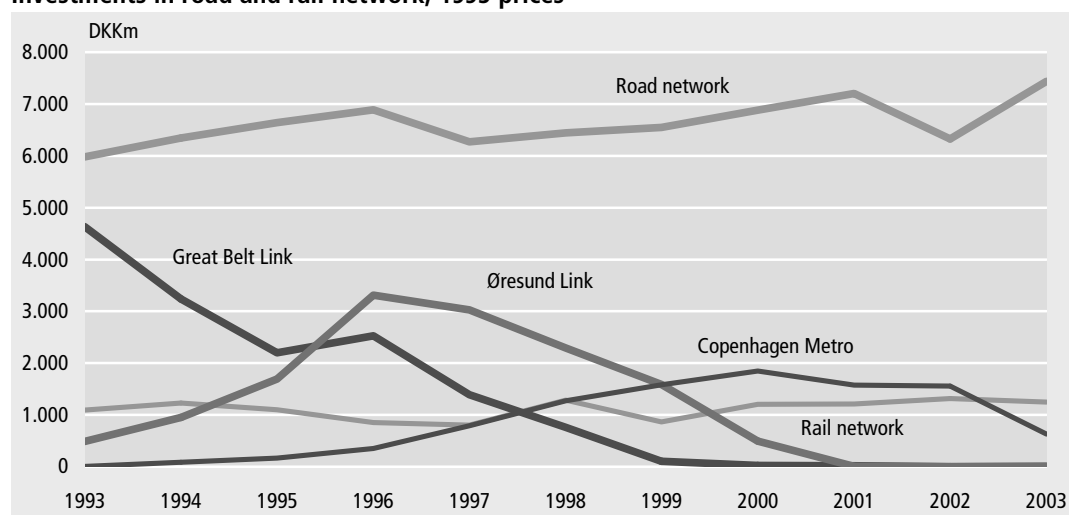
Traffic performance. 2003



## 2. Investments in infrastructure

	1993	2001	2002	2003
	current prices, DKKm			
<b>Road network</b>	<b>5 697</b>	<b>8 884</b>	<b>7 944</b>	<b>9 556</b>
New constructions	1 763	3 971	2 962	4 359
Maintenance	3 934	4 913	4 982	5 197
<b>Rail network</b>	<b>1 079</b>	<b>1 455</b>	<b>1 612</b>	<b>1 572</b>
New investments	...	878	960	934
Reinvestments	...	532	582	596
Other investments	...	45	70	42
<b>Private railways</b>	<b>83</b>	<b>53</b>	<b>34</b>	<b>131</b>
<b>Seaports</b>	<b>313</b>	<b>718</b>	<b>78</b>	<b>...</b>
Constructions	269	267	4	...
Buildings	44	451	74	...
<b>Airports</b>	<b>138</b>	<b>464</b>	<b>788</b>	<b>...</b>
<b>Great Belt Link</b>	<b>4 566</b>	<b>23</b>	<b>3</b>	<b>4</b>
<b>Øresund Link</b>	<b>481</b>	<b>4</b>	<b>3</b>	<b>5</b>
<b>Copenhagen Metro</b>	<b>6</b>	<b>1 891</b>	<b>1 903</b>	<b>798</b>

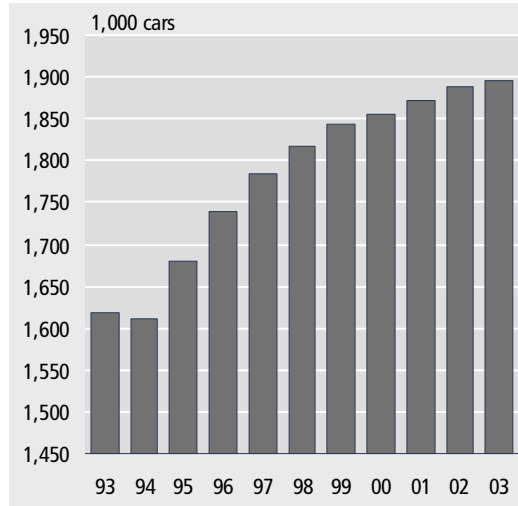
Investments in road and rail network, 1995-prices



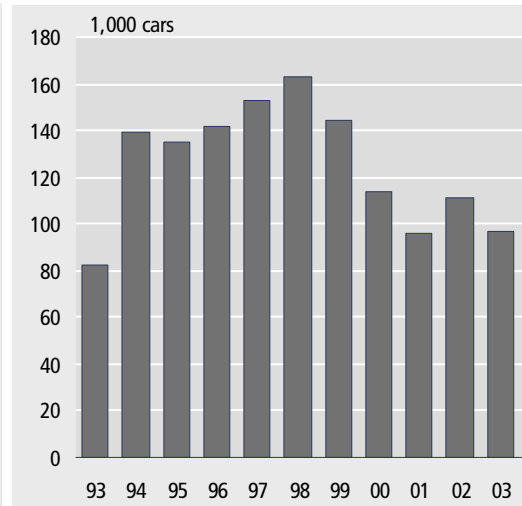
### 3. Private cars, buses and motorcycles

	1993	2001	2002	2003
	no.			
<b>Stock on 31 December</b>				
<b>Private cars, total</b>	<b>1 617 734</b>	<b>1 872 631</b>	<b>1 888 290</b>	<b>1 894 649</b>
Of which in households	1 470 824	1 729 031	1 746 418	1 755 425
Of which in firms	98 235	133 630	132 905	139 224
Petrol-powered cars	1 540 827	1 751 905	1 748 911	1 736 917
Diesel-powered cars	75 793	120 490	139 162	157 537
Taxis	5 605	6 096	5 921	5 721
Under 800 kg unladen weight	489 117	226 205	202 055	181 146
801-1,200 kg unladen weight	1 008 361	1 281 969	1 275 964	1 260 299
Over 1,200 kg unladen weight	120 256	364 457	410 271	453 204
Average age, years	9.1	8.6	8.8	9.1
<b>Buses and coaches, total</b>	<b>12 976</b>	<b>13 954</b>	<b>13 986</b>	<b>14 132</b>
Buses in scheduled services	4 517	4 697	4 778	4 903
Coaches and other buses	8 459	9 257	9 208	9 229
Caravans	94 551	110 995	113 338	116 930
Motorcycles	47 313	78 390	82 731	87 779
45-Mopeds	•	67 975	68 591	67 961
<b>Registrations of new vehicles</b>				
Private cars	82 007	96 137	111 598	96 501
Buses and coaches	2 111	554	765	635
Motorcycles	1 673	2 417	2 625	2 824

Private cars on 31 December



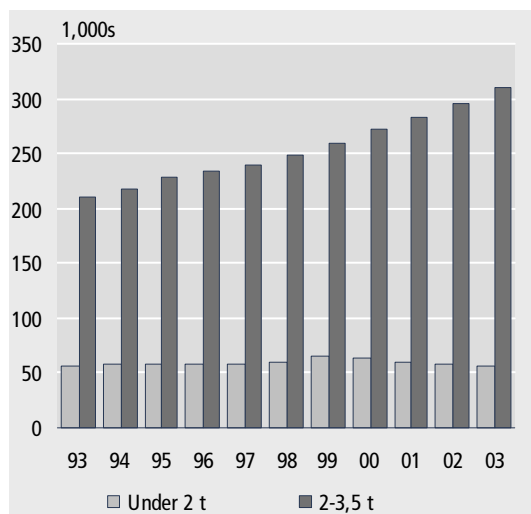
Registrations of new private cars



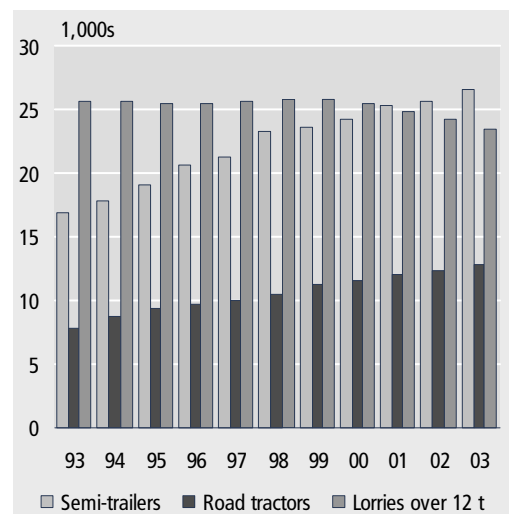
#### 4. Goods motor vehicles

	1993	2001	2002	2003
	no.			
Stock on 31 December				
Vans, total	266 990	343 450	353 610	365 112
Under 2,000 kg gross weight	56 602	60 603	58 174	55 511
2,001-3,500 kg gross weight	210 388	282 847	295 436	309 601
Lorries, total	37 412	36 801	35 752	34 896
3,501-6,000 kg gross weight	4 964	4 356	4 045	3 787
6,001-12,000 kg gross weight	6 791	7 575	7 556	7 613
Over 12,000 kg gross weight	25 657	24 870	24 151	23 496
Road tractors	7 872	12 009	12 400	12 805
Trailers over 5,000 kg gross weight	11 889	12 770	12 538	12 269
Semi-trailers	16 871	25 310	25 601	26 628
Registrations of new vehicles				
Vans	19 462	30 970	31 325	31 785
Under 2,000 kg gross weight	2 919	490	232	140
2,001-3,500 kg gross weight	16 543	30 480	31 093	31 645
Lorries, including road tractors	2 503	4 651	4 112	4 235
Road tractors	710	2 198	1 985	2 147

Vans by gross weight



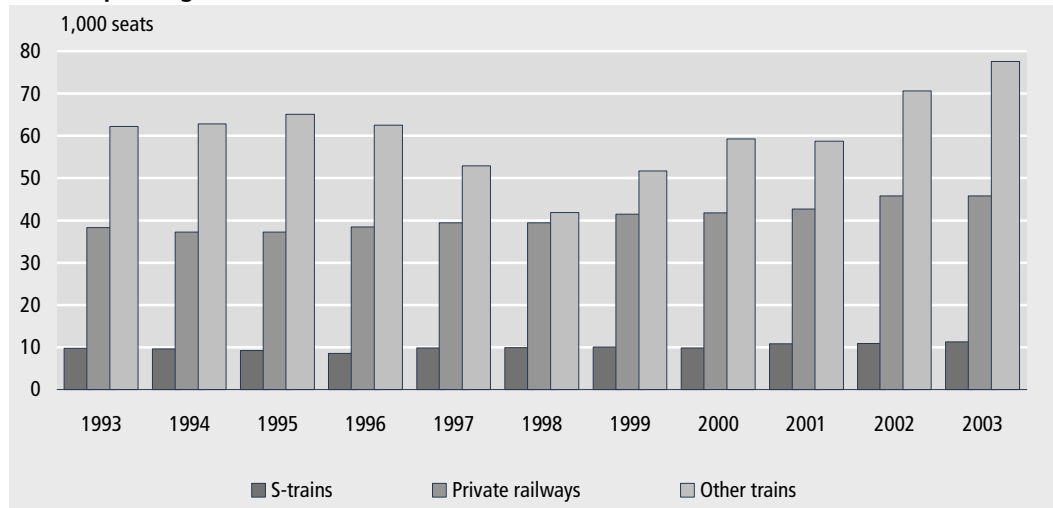
Lorries by gross weight



## 5. Rolling stock of railways

	1993	2001	2002	2003
	no.			
Stock on 31 December				
Train sets	...	485	534	568
Diesel train sets	...	269	285	289
Electric train sets	154	216	249	279
Of which Metropolitan S-trains	150	154	160	154
Of which Copenhagen Metro	•	•	21	32
Locomotives	338	187	182	184
Railcars and railcar trailers	...	1 488	1 628	1 722
Diesel train sets	...	642	677	687
Electric train sets	614	846	951	1 035
Of which Metropolitan S-trains	598	616	640	616
Of which Copenhagen Metro	•	•	63	96
Passenger carriages	631	254	318	318
Goods wagons	4 499	1 746	1 378	573
	1,000 seats			
Seats in train sets	72.5	94.1	102.0	109.3
Diesel train sets	33.4	37.4	38.6	39.0
Electric train sets	39.1	56.7	63.4	70.3
Of which Metropolitan S-trains	38.3	42.7	45.8	45.8
Of which Copenhagen Metro	•	•	2.1	3.1
Seats in passenger carriages	37.8	18.1	25.3	25.3

### Seats in passenger trains



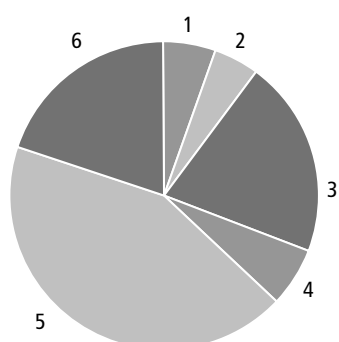


## 6. Danish ships over 20 GT on 1 January

	1994	2002	2003	2004
	no.			
<b>Danish ships, total</b>	<b>2 027</b>	<b>1 878</b>	<b>1 838</b>	<b>1 783</b>
Tankers	114	96	95	99
Container ships	44	78	79	85
Other dry cargo ships	618	418	430	366
Passenger ships/ferries	165	118	114	110
Fishing vessels	790	850	781	766
Other	296	318	339	357
	1,000 GT			
<b>Tonnage, total</b>	<b>5 325</b>	<b>6 918</b>	<b>7 391</b>	<b>7 648</b>
Tankers	1 613	1 763	2 053	2 039
Container ships	1 549	3 600	3 893	4 283
Other dry cargo ships	1 569	774	626	529
Passenger ships/ferries	367	425	454	424
Fishing vessels	121	144	150	150
Other	105	211	215	222

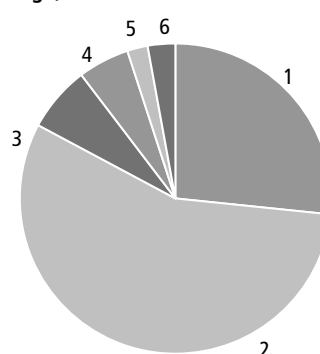
### Danish ships by use. 1 January 2004

Number



- 1: Tankers
- 2: Container ships
- 3: Other dry cargo ships

Gross tonnage, GT

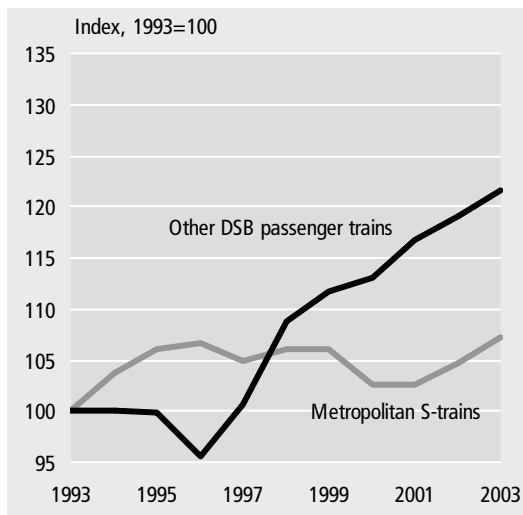
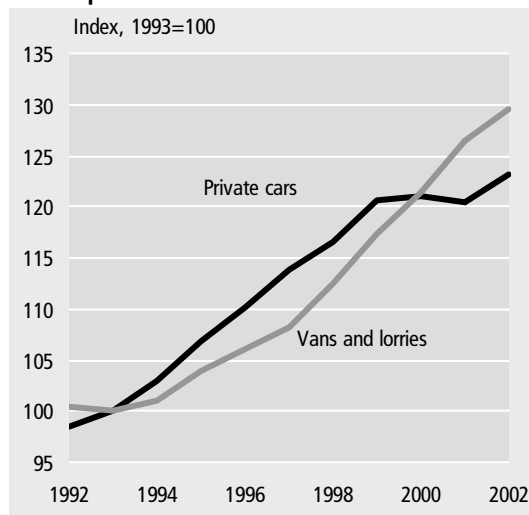


- 4: Passenger ships/ferries
- 5: Fishing vessels
- 6: Other

## 7. Traffic performance: Roads, railways, seaports and airports

	1993	2001	2002	2003
	— mio. vehicle-km —			
<b>Road traffic, total</b>	<b>41 214</b>	<b>48 770</b>	<b>49 916</b>	...
Private cars incl. taxis	31 573	38 036	38 854	...
Motorcycles, incl. 45-mopeds	305	610	646	...
Vans etc. 2-6 tonnes gross weight	4 417	5 686	5 904	...
Solo lorries over 6 tonnes gross weight	696	779	650	...
Lorries and trailers	375	318	349	...
Semi-trailers	259	486	544	...
Buses in scheduled services	303	295	299	...
Coaches and other buses	222	330	326	...
Bicycles/mopeds	3 065	2 229	2 344	...
	— mio. train-km —			
Metropolitan S-trains	14.1	14.4	14.7	15.1
Private railways	7.0	7.6	7.6	7.7
Other passenger transport by rail	35.9	41.9	42.9	45.9
Carriage of goods by rail	6.9	5.3	4.8	4.6
	— 1,000 calls —			
Ferries, domestic lines	497	431	447	447
Ferries, international lines	103	84	77	75
Cargo vessels	...	29	29	29
	— 1,000 takeoffs and landings —			
Domestic air traffic	111	90	107	105
International air traffic	196	288	263	256

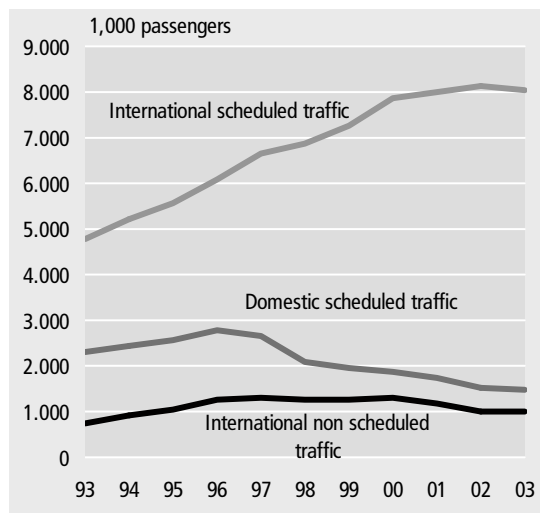
### Traffic performance



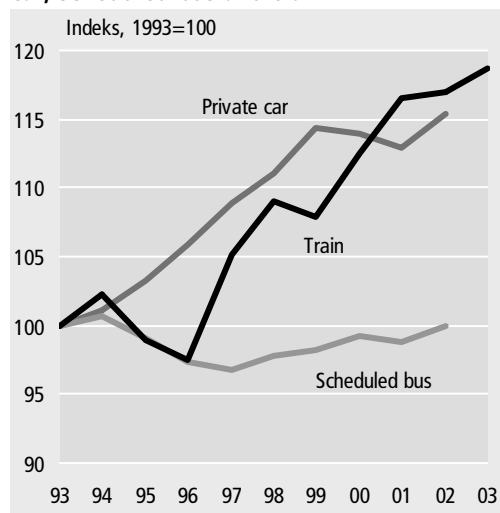
## 8. Passenger transport

	1993	2001	2002	2003
	mio. passenger-km			
<b>Passenger transport in DK</b>	<b>68 652</b>	<b>76 883</b>	<b>78 286</b>	...
Cars	51 868	58 589	59 884	...
Motorcycles, incl. 45-mopeds	381	740	783	...
Buses in scheduled services	2 903	2 866	2 903	...
Coaches and other buses	4 931	6 165	6 069	...
Bicycles/mopeds	3 065	2 229	2 344	...
Metropolitan S-trains	1 212	1 165	1 132	1 210
Other trains	3 727	4 556	4 622	4 683
Ferries	565	235	245	248
Aeroplanes	449	338	304	285
	1,000 passengers			
<b>Road transport across Great Belt</b>	•	<b>14 606</b>	<b>15 161</b>	<b>15 490</b>
<b>Road transport across Øresund</b>	•	<b>6 427</b>	<b>8 667</b>	<b>9 263</b>
<b>Ferries, total</b>	<b>57 476</b>	<b>37 792</b>	<b>37 928</b>	<b>38 122</b>
Domestic ferries, total	21 104	10 047	10 151	10 419
International ferries, total	36 372	27 745	27 777	27 703
<b>Metropolitan S-trains</b>	<b>94 200</b>	<b>90 564</b>	<b>86 842</b>	<b>88 355</b>
<b>Copenhagen Metro</b>	•	•	<b>3 282</b>	<b>20 379</b>
<b>Other trains</b>	<b>63 100</b>	<b>76 468</b>	<b>75 161</b>	<b>77 125</b>
<b>Scheduled/charter air traffic</b>	<b>7 922</b>	<b>10 991</b>	<b>10 752</b>	<b>10 609</b>
Scheduled traffic, domestic	2 306	1 743	1 529	1 465
Scheduled traffic, international	4 763	7 999	8 124	8 061
Charter traffic	852	1 249	1 099	1 083

### Passengers at Danish airports



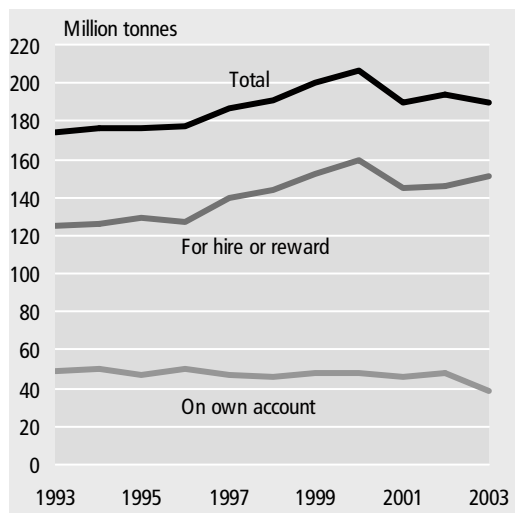
### Passenger transport performance by private car, scheduled bus and train



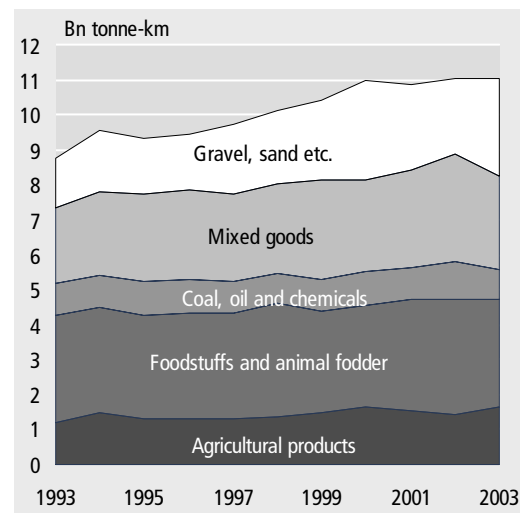
## 9. National transport of goods by road vehicles over 6 tonnes of gross vehicle weight

	1993	2001	2002	2003
	mio. tonnes			
<b>Total</b>	<b>174.6</b>	<b>190.0</b>	<b>194.1</b>	<b>189.9</b>
Transport for hire or reward	125.4	144.6	146.3	151.0
Transport on own account	49.2	45.4	47.8	38.9
Agricultural products	24.2	26.9	25.5	27.6
Foodstuffs and animal fodder	45.9	42.5	46.6	34.8
Coal, oil and chemicals	15.3	14.3	15.5	15.4
Mixed, manufactured goods	34.6	36.5	40.4	37.1
Gravel, sand, cement, stone	54.7	69.8	66.2	75.0
	mio. tonne-km			
<b>Total</b>	<b>8 780</b>	<b>10 887</b>	<b>11 057</b>	<b>11 012</b>
Transport for hire or reward	6 675	8 752	8 934	9 144
Transport on own account	2 105	2 135	2 123	1 868
Agricultural products	1 219	1 551	1 407	1 645
Foodstuffs and animal fodder	3 054	3 181	3 296	3 051
Coal, oil and chemicals	887	899	1 100	883
Mixed, manufactured goods	2 180	2 772	3 066	2 645
Gravel, sand, cement, stone	1 440	2 483	2 189	2 788

National road transport of goods



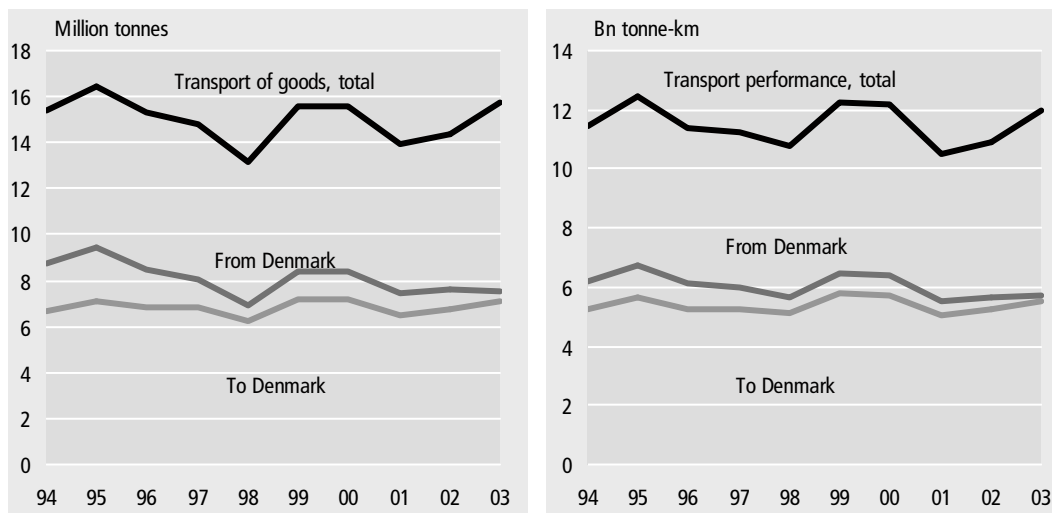
National goods transport performance on road, by commodity category



## 10. International transport of goods by road vehicles over 6 tonnes of gross vehicle weight

	1993	2001	2002	2003
	1,000 tonnes			
<b>By Danish vehicles</b>	<b>14 577</b>	<b>15 245</b>	<b>15 235</b>	<b>15 725</b>
<b>To Denmark</b>	<b>5 732</b>	<b>6 495</b>	<b>6 755</b>	<b>7 078</b>
Agricultural products	1 160	1 097	1 203	1 328
Foodstuffs and animal fodder	991	969	1 106	1 024
Coal, oil and chemicals	694	495	565	520
Mixed, manufactured goods	2 636	3 570	3 572	3 755
Gravel, sand, cement, stone	252	363	309	451
<b>From Denmark</b>	<b>7 677</b>	<b>7 411</b>	<b>7 588</b>	<b>7 543</b>
Agricultural products	792	651	727	614
Foodstuffs and animal fodder	2 452	1 656	1 921	1 833
Coal, oil and chemicals	461	489	603	450
Mixed, manufactured goods	2 669	3 636	3 601	3 739
Gravel, sand, cement, stone	1 303	979	736	908
<b>Third-country transport</b>	<b>635</b>	<b>640</b>	<b>521</b>	<b>643</b>
<b>Cabotage</b>	<b>533</b>	<b>699</b>	<b>353</b>	<b>437</b>
<b>By foreign vehicles to or from Denmark</b>	<b>...</b>	<b>9 514</b>	<b>10 286</b>	<b>...</b>
	mio. tonne-km			
<b>Total</b>	<b>11 232</b>	<b>11 269</b>	<b>11 459</b>	<b>11 997</b>
To Denmark	4 571	5 023	5 253	5 494
From Denmark	5 853	5 487	5 642	5 714
Third-country transport	659	573	432	598
Cabotage	149	187	132	191
<b>By foreign vehicles to or from Denmark</b>	<b>...</b>	<b>6 902</b>	<b>7 508</b>	<b>...</b>

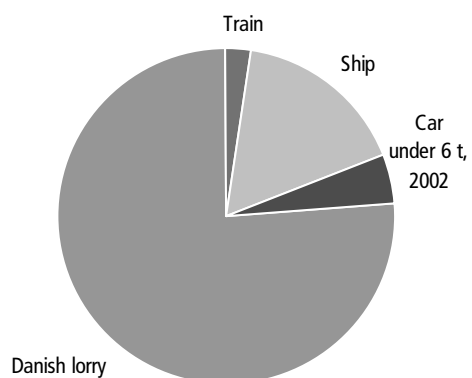
### International goods transport performance and goods transport by Danish vehicles



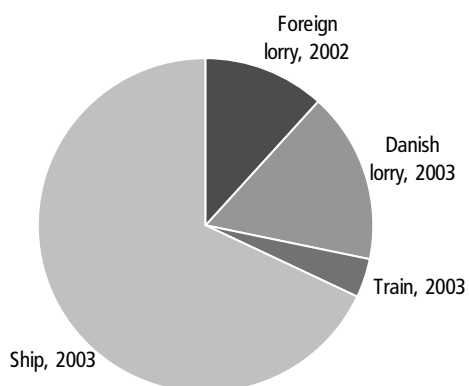
## 11. Goods transport by train, ship and aircraft

	1993	2001	2002	2003
	1,000 tonnes			
<b>Goods carried by train</b>	<b>8 351</b>	<b>7 173</b>	<b>7 297</b>	<b>7 711</b>
National traffic	2 464	1 592	1 382	1 492
To Denmark	1 899	1 822	1 984	2 010
From Denmark	1 412	962	1 016	1 155
In transit	2 576	2 797	2 914	3 055
	mio. tonne-km			
<b>Goods transport by train</b>	<b>1 764</b>	<b>1 987</b>	<b>1 941</b>	<b>2 013</b>
National traffic	515	388	354	372
To Denmark	379	441	406	359
From Denmark	253	215	196	209
In transit	617	943	986	1 033
	1,000 tonnes			
<b>Goods carried by cargo ship</b>	<b>62 009</b>	<b>63 527</b>	<b>63 429</b>	<b>70 935</b>
National traffic	9 655	9 767	9 486	11 703
To Denmark	33 056	30 543	29 296	33 792
From Denmark	19 297	23 217	24 648	25 441
<b>Goods carried by ferry</b>	<b>29 075</b>	<b>18 240</b>	<b>18 757</b>	<b>18 766</b>
National traffic	10 791	3 951	4 283	4 221
International traffic	18 283	14 289	14 474	14 545
<b>Goods carried by aircraft</b>	<b>87</b>	<b>115</b>	<b>108</b>	<b>116</b>
National traffic	18	2	4	2
International traffic	69	113	104	114

Goods transport performance. 2003  
National traffic



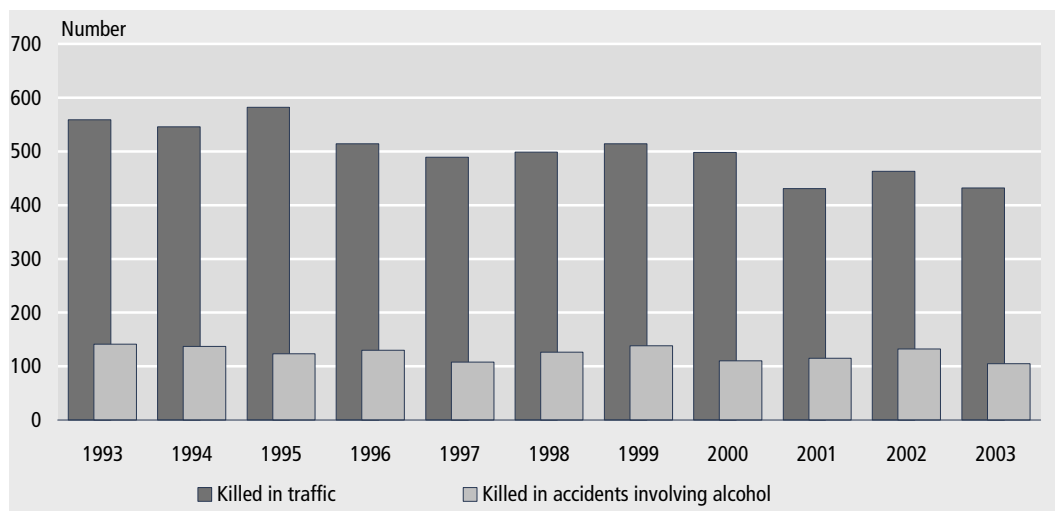
Goods carried. 2003  
International traffic



## 12. Road traffic accidents

	1993	2001	2002	2003
	no.			
<b>Accidents causing casualty</b>	<b>8 513</b>	<b>6 861</b>	<b>7 126</b>	<b>6 749</b>
<b>Casualties, total</b>	<b>10 489</b>	<b>8 896</b>	<b>9 254</b>	<b>8 844</b>
Motorists	5 433	4 886	5 008	4 932
Motorcyclists	483	609	644	604
Moped riders	937	1 019	1 085	1 045
Cyclists	2 457	1 569	1 671	1 503
Pedestrians	1 179	813	846	760
<b>Of which fatal, total</b>	<b>559</b>	<b>431</b>	<b>463</b>	<b>432</b>
Motorists	296	271	285	268
Motorcyclists	26	24	33	34
Moped riders	35	31	29	34
Cyclists	69	56	52	47
Pedestrians	133	49	64	49
<b>Alcohol accidents</b>	<b>1 423</b>	<b>1 140</b>	<b>1 230</b>	<b>1 189</b>
Casualties	1 758	1 441	1 581	1 578
Of which fatal	141	115	132	105
<b>Accidents involving heavy motor vehicles</b>	<b>615</b>	<b>484</b>	<b>438</b>	<b>412</b>
Casualties	839	635	575	562
Of which fatal	119	78	79	69

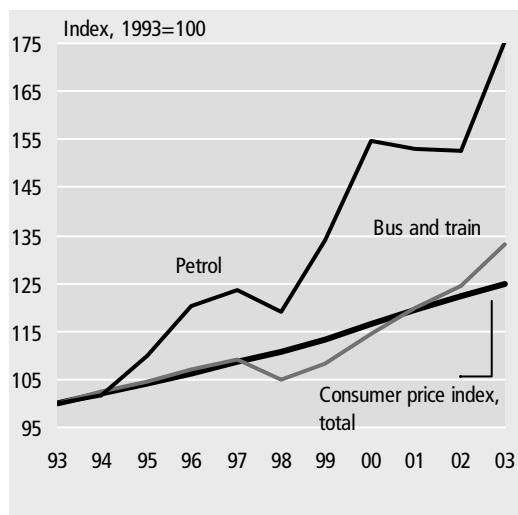
### Traffic fatalities



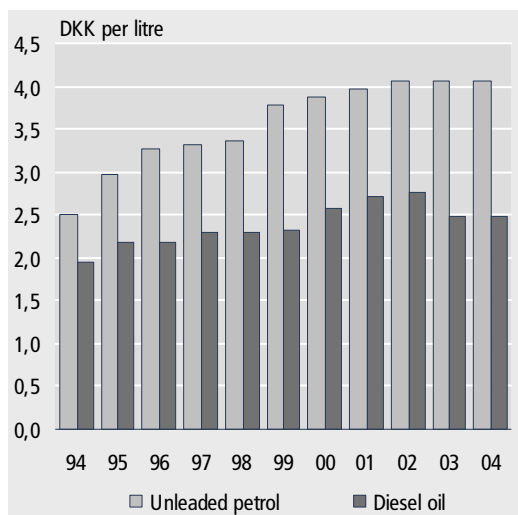
### 13. Consumer prices and indirect taxes

	1993	2001	2002	2003
	index 2000=100			
<b>Consumer price index, total</b>	<b>85.7</b>	<b>102.4</b>	<b>104.8</b>	<b>107.0</b>
<b>Transport, total</b>	<b>82</b>	<b>101</b>	<b>104</b>	<b>107</b>
<b>Bus and train transport</b>	<b>87</b>	<b>104</b>	<b>108</b>	<b>114</b>
<b>Air transport</b>	<b>93</b>	<b>98</b>	<b>99</b>	<b>103</b>
National	98	108	116	119
International	91	95	95	100
<b>Sea transport</b>	<b>95</b>	<b>100</b>	<b>98</b>	<b>101</b>
National	79	100	103	106
International	111	99	95	98
<b>Taxis</b>	<b>78</b>	<b>104</b>	<b>110</b>	<b>113</b>
<b>Vehicle purchases</b>	<b>91</b>	<b>101</b>	<b>104</b>	<b>109</b>
<b>Maintenance of private cars</b>	<b>75</b>	<b>103</b>	<b>107</b>	<b>110</b>
<b>Petrol</b>	<b>67</b>	<b>99</b>	<b>99</b>	<b>99</b>
	current prices, DKKm			
<b>Revenue from taxes</b>				
Weight excise duty	4 223	7 405	7 944	8 017
Registration taxes	8 354	12 288	14 566	13 052
Third party insurance duty	855	1 503	1 809	1 946
Other transport taxes	472	1 059	1 010	995
Petrol taxes	5 626	10 149	10 450	10 445
Taxes on some oil products	4 762	7 217	7 194	7 435
Of which diesel for road transport	...	6 585	6 787	7 149

#### Prices



#### Indirect tax rates. 1 January

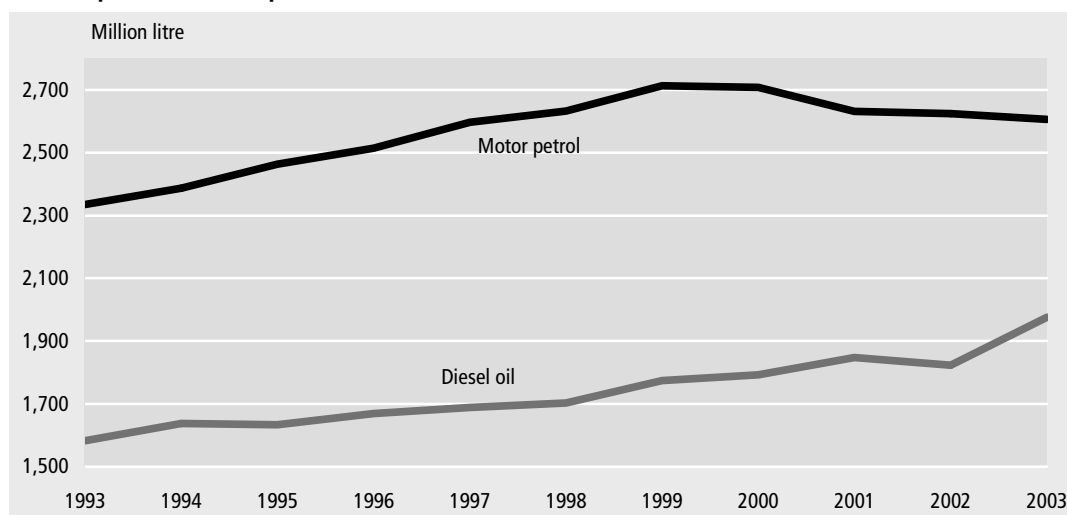




#### 14. Energy consumption of the transport activities and NO<sub>2</sub> and particles in the air

	1993	2001	2002	2003
	— mio. litre —			
<b>Energy consumption of road transport</b>				
Consumption of motor petrol	2 335	2 632	2 625	2 606
Consumption of diesel oil	1 583	1 847	1 823	1 976
	— PJ —			
<b>Energy consumption of national transport, total</b>	<b>149.1</b>	<b>163.9</b>	<b>163.3</b>	<b>...</b>
Road transport	133.9	153.3	152.1	157.0
Rail transport	5.2	4.1	4.2	...
Sea transport	7.6	4.8	5.5	...
Air transport	2.3	1.8	1.6	...
	— ( g/m <sup>3</sup> —			
<b>NO<sub>2</sub> (Nitrogen dioxide)</b>				
Copenhagen (city centre)	43	40	47	47
Aalborg (city centre)	38	35	33	35
Odense (city centre)	37	31	37	35
Aarhus (city centre)	...	...	44	46
<b>Particles</b>				
Copenhagen (city centre)	70	34	36	33
Aalborg (city centre)	64	29	32	31
Odense (city centre)	62	31	33	37
Aarhus (city centre)	...	...	30	29

#### Consumption of motor petrol and diesel oil



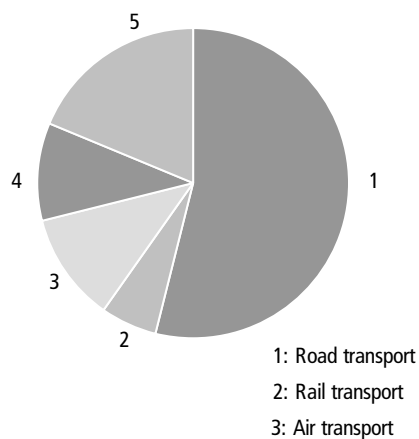
### 15. Employment in the transport sector at the end of November

	1993	2000	2001	2002 <sup>1</sup>
	employees			
<b>Transport sector, total</b>	<b>128 870</b>	<b>139 995</b>	<b>138 462</b>	<b>133 508</b>
<b>Road transport</b>	<b>61 515</b>	<b>73 213</b>	<b>74 146</b>	<b>72 169</b>
Scheduled bus services	11 452	13 674	13 584	14 153
Tourist coach services	3 997	5 069	5 064	4 360
Taxi operation	8 981	12 053	11 876	11 601
Haulage contractors	33 978	38 592	38 762	37 458
Furniture removers	1 254	1 558	1 644	1 542
Auxiliary land transport activities	1 853	2 267	3 216	3 055
<b>Rail transport</b>	<b>13 578</b>	<b>9 630</b>	<b>7 999</b>	<b>7 839</b>
<b>Air transport</b>	<b>13 481</b>	<b>16 155</b>	<b>16 097</b>	<b>15 392</b>
<b>Sea transport</b>	<b>21 348</b>	<b>16 353</b>	<b>15 451</b>	<b>13 841</b>
Shipping companies	12 722	10 387	9 765	8 575
Ferry services	6 212	3 434	3 127	2 926
Other sea transport	86	166	172	188
Auxiliary sea transport activities	2 328	2 366	2 387	2 152
<b>Cargo handling, storage and warehousing</b>	<b>2 992</b>	<b>3 929</b>	<b>3 907</b>	<b>4 187</b>
<b>Travel agency activities</b>	<b>4 841</b>	<b>6 898</b>	<b>6 606</b>	<b>6 335</b>
<b>Other transport activities</b>	<b>11 115</b>	<b>13 817</b>	<b>14 256</b>	<b>13 745</b>
	no.			
Workplaces, total	14 269	13 736	13 515	12 571

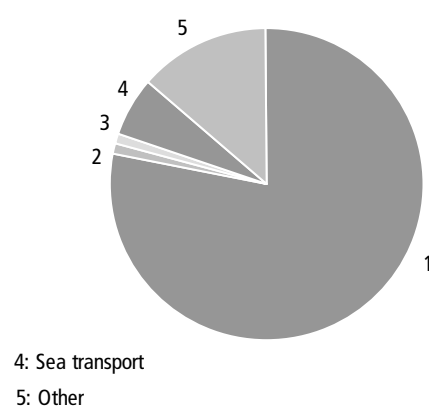
<sup>1</sup> New metod from 2002.

### Number of employees and workplaces, by main groups in the transport sector. 2002

Employees



Workplaces



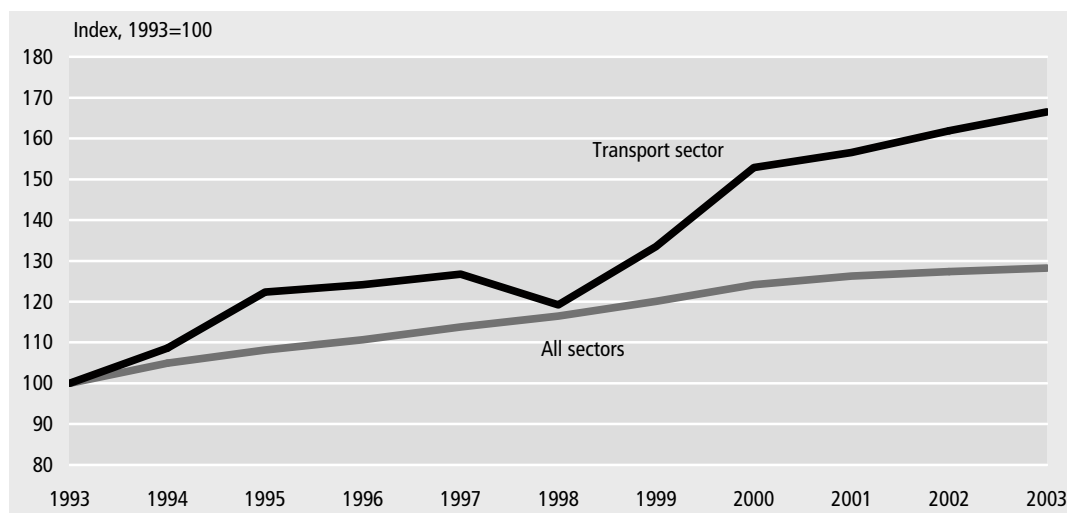
## 16. Permits for national goods transport and bus transport

	1993	2001	2002	2003
	no.			
<b>Firms</b>				
With permit for goods transport	6 604	6 372	6 109	6 009
With permit for bus transport	...	886	818	802
<b>Permits</b>				
For goods transport	28 850	35 647	35 931	36 199
For bus transport	...	9 552	9 534	9 777

## 17. Gross value added in the transport sector

	1993	2001	2002	2003
	DKKm			
<b>Current prices</b>				
All sectors	783 564	1 136 438	1 163 463	1 199 771
Transport sector	44 107	69 139	67 475	70 198
<b>1995 prices</b>				
All sectors	805 591	1 017 068	1 026 029	1 032 588
Transport sector	41 069	64 309	66 485	68 391

## Gross value added at constant prices



## 18. Definitions, remarks and sources

### 1. Infrastructure

The road network comprises main roads, county roads and municipal roads. Paths and private joint roads are excluded. State roads of just over 2,900 km were transferred to the counties on 1 January 1998. The number of motorways in 2003 includes 12 km falling under county roads and 41 km from the Oresound-motorway and the Great Belt Link. Source: *The Danish Road Directorate*.

The rail network comprises the length of all railway sections falling under the Danish National Railways Agency and the private railways. Source: *The Danish National Railway Agency, private railways and the Copenhagen Metro*.

Railway stations are compiled as railway line stops. The railway stations of the Private Railways are excluded. Source: *Danish State Railway and private railways*.

Seaports comprise all commercial ports and ferry berths outside the actual commercial ports. Source: *Statistics Denmark*.

Airports comprise public airports that are manned. Source: *The Danish Civil Aviation Administration*.

### 2. Investments in infrastructure

Investments in the road network cover capital costs and current expenditure. Source: *The Danish Road Directorate*.

The data on investments in rail network are reported by *The Danish National Railway Agency* and *railways with own network*. The Danish National Railway Agency has changed the breakdown of the investments by type. The change is carried back to 1996. Other investments cover vehicles, ICT, etc.

Investments in the Great Belt Link, the Oresound Link and the Copenhagen Metro cover capital costs, including own work performed, but exclusive of financing expenses. Only the Danish share of 50 pct. in the Oresound Link is included. Source: *Great Belt A/S, Oresound A/S and the Copenhagen Metro*.

Investments in seaports cover capital costs of all enterprises engaged in commercial ports and marinas. Source: *Statistics Denmark*.

Investments in airports cover all capital investments of enterprises engaged in airport activities. Source: *Statistics Denmark*.

### 3. Private cars, buses and motorcycles

Private cars are designed for transport of 9 passengers and under, including the driver. Buses are designed for transport of 10 passengers and over, including the driver.

Up to and including 2002 a small number of private cars could not be divided according to households and industries. The number corresponds to the difference between total of private cars and the sum of cars in households and industries.

Tourist coaches are buses that are only used for non-scheduled services, including buses used by associations and societies.

Motorcycles comprise two-wheeled motor vehicles with a stroke volume larger than 50 cm<sup>3</sup>. Furthermore, 3-wheeled motor vehicles under 400 kg of total permissible weight are included.

45-mopeds are mopeds with a maximum permissible speed of 45 km/h.

Source: *Statistics Denmark*.

### 4. Goods motor vehicles

Vans are motor vehicles with a gross vehicle weight not exceeding 3,500 kg. They are mainly designed for transport of goods.

Lorries are motor vehicles over 3,500 kg, mainly designed for transport of goods. Road tractors are especially designed for driving with semi-trailers, i.e. vehicles without a front axle.

Source: *Statistics Denmark*.

### 5. Rolling stock

Locomotives are railway vehicles with an engine power of at least 110 KW, designed for pulling/pushing railway wagons. In this context, multiple train units are not regarded as locomotives.

Train sets consist of two or more connected railcars or railcar trailers, which normally are not self-propelled.

From 2000, the number of seats includes tip-up seats in all types of *Danish State Railway* trains, contrary to only in S-trains in previous years.

Source: *Danish State Railway* and the other rail transport operators.

### 6. Danish ships

Danish ships comprise ships over 20 GT, which are registered with the Danish Shipping Register or DIS, Danish International Shipping Register.

GT indicates the gross tonnage of a ship. The gross tonnage is based on the measurements of a ship. Its capacity is ascertained by measuring all covered spaces in cubic feet. Up to 1993 the statistics covered about 90 ships just under 20 GT.

Source: *Statistics Denmark*.

## 7. Traffic performance: Roads, railways, seaports and airports

Road traffic performance, i.e. vehicle-kilometres, is calculated by *The Danish Road Directorate*, primarily from measurements of traffic flows recorded by permanent census takers. For motorcycles, buses, vans and small lorries, vehicle-kilometres are calculated on the basis of the total stock and a rough estimate of vehicle-kilometres. For lorries over 6,000 tons the results of the sample survey of national goods transport conducted by *Statistics Denmark* are used. Because of ongoing revision of the time series data for 2003 is not yet available.

Train-kilometres exclude shunting work and transport of empty wagons. Source: *Danish State Railway and other railway operators*.

Until 1996 the statistics on freight ships calls at Danish ports were compiled by and from 1997 by *Statistics Denmark* on the basis of data reported by Danish ports. The statistics on ferry services are compiled by *Statistics Denmark* on the basis of data reported by shipping companies.

Air traffic is compiled by *The Danish Civil Aviation Administration*. Takeoffs by scheduled flights, charter flights, and taxi flights are included.

## 8. Passenger transport

Road passenger transport is calculated on the basis of traffic performance and special surveys of the number of passenger per car and bus. Source: *The Danish Road Directorate*.

Passenger-kilometre is a measurement of the transport performance. One passenger-km corresponds to one person transported one kilometre.

Data on passenger-kilometres by train are reported by the *Danish State Railway and other railway operators*.

Road transport across Great Belt includes passengers by private cars and buses. The statistics are compiled based on traffic data delivered by *Great Belt A/S*.

Road transport across Øresund includes passengers by private cars and buses. Source: *Øresundsbro Konsortiet A/S*.

The shipping companies report data on ferry passengers to *Statistics Denmark*.

Air traffic covers departing passengers by scheduled flights and charter flights. Passengers in transit and in transfer are included. Source: *The Danish Civil Aviation Administration*.

### **9. National transport of goods by lorries**

The statistics cover transport by Danish lorries over 6 tonnes gross vehicle weight. Transport between the places of loading and unloading, both places situated in Denmark, is included.

Tonne-km is a measurement of the transport performance. One tonne-km corresponds to one ton of goods carried one kilometre.

Source: *Statistics Denmark*.

### **10. International transport of goods by Danish lorries**

The statistics cover transport by Danish lorries over 6 tonnes gross vehicle weight. Transport between Denmark and abroad, transport between 2 foreign countries (third-country transport) and transport in one foreign country (cabotage) are included.

Source: *Statistics Denmark*.

### **11. Goods transport by train, ship and aircraft**

Goods transport by train comprises transport on the Danish rail network. Tonne-km of the private railways are added to national transport, whereas goods carried by the private railways are assumed to fall under the Danish State Railways. Goods in transit include goods transported by foreign railway operators. Source: *Danish State Railway, Railion and other railway operators*.

Statistics on sea transport are compiled by *Statistics Denmark* on the basis of data reported by ports and shipping companies.

Goods transport by aircraft covers loaded and unloaded goods at airports. Source: *The Danish Civil Aviation Administration*.

### **12. Road traffic accidents**

Traffic accidents on public road etc. are accidents with at least one driving unit involved. The statistics cover road traffic accidents causing casualties and for which a police report has been prepared.

Motorists include persons by modes n. e. s. and by modes not stated. Motorcyclists cover 45-moped riders. Road traffic accidents of 45-moped riders casualties were estimated at 293, 286 and 233, respectively in 2001, 2002 and 2003. Alcohol accidents are accidents involving at least one person influenced by alcohol. Accidents involving heavy vehicles are accidents where one of the parties involved is a lorry with trailer or a lorry over 3,500 kg.

Source: *Statistics Denmark*.

### **13. Consumer prices and indirect taxes**

The consumer price index shows the trends of the Danish consumer prices, including indirect taxes and VAT.

The revenues from the taxes on petrol and some oil products are totals irrespective of the purpose of application. Practically all the revenue from petrol stem from road transport, whereas the revenue

from some oil products stem from a number of applications. Tax on diesel to road transport account for most of the revenue. Other taxes comprise third party insurance, duty on yachts, taxes on tyres and on air passengers.

Source: *Statistics Denmark* and *The Danish Ministry of Taxation*.

#### **14. Energy consumption of the transport activities and NO<sub>2</sub> and particles in the air**

The consumption of energy for road transport is calculated from the domestic sale adjusted for cross-border trade – positive contribution for petrol, negative for diesel - and the consumption in off road transportation.

Particles in the air consist of substances such as aluminium, silicon, sulphur, chlorine, potassium and lead.

The consumption of energy for domestic transportation is excl. the consumption of the armed forces and excl. off road transportation.

Source: *Statistics Denmark*.

#### **15. Employment in the transport sector**

The statistics cover full- and part-time employees working at workplaces in the transport sector. From 2002 a new and improved compiling method has been applied. Therefore the statistics from 2002 is not directly comparable with the data from previous years.

Source: *Statistics Denmark*.

#### **16. Permits for national goods transport and bus transport**

Undertakings, engaged in the occupation of road haulage operator by means of vehicles with a total weight exceeding 3,5 tonnes, must be in possession of a permit. October 1<sup>st</sup> 1999 the weight limit was lowered from 6 tonnes total weight to 3,5 tonnes.

The Road Safety and Transport Agency registers information concerning the road haulage operators on the basis of applications for permits for national road transport of goods.

Undertakings, operating passenger transport services by busses registered in Denmark and equipped to carry more than nine persons including the driver must be in possession of a permit.

The Road Safety and Transport Agency registers information concerning the road passenger transport operators on the basis of applications for permits for national road transport of goods.

Source: *The Road Safety and Transport Agency*

#### **17. Gross value added in the transport sector**

The gross value added is the output value less intermediate consumption in the production process, excluding deductions in the consumption of fixed capital (depreciations)

Source: *Statistics Denmark*.