

## Preface

Statistics Denmark - in collaboration with the Danish Ministry of Transport - hereby issues *Key figures for transport 2003*. 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 2003* 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 2003* 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 2003

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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

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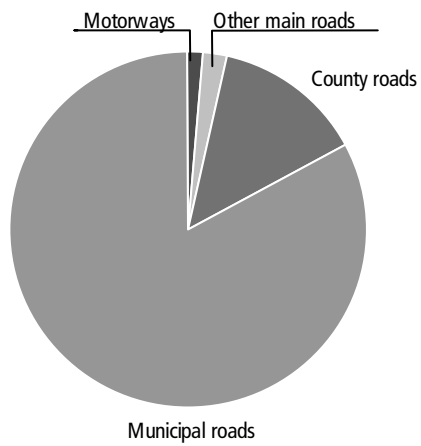
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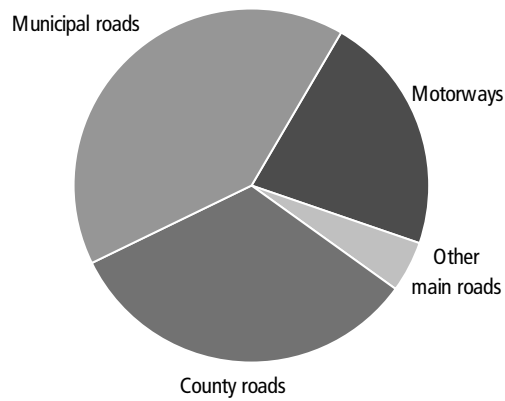
## 1. The infrastructure on 1 January

	1993	2001	2002	2003
	— km —			
<b>Road network length, total</b>	<b>71 040</b>	<b>71 663</b>	<b>71 888</b>	<b>71 951</b>
Main roads	4 537	1 659	1 660	1 659
Of which motorways	696	953	971	1 009
County roads	7 056	9 986	9 988	9 964
Municipal roads	59 447	60 018	60 240	60 328
<b>Rail network length, total</b>	<b>2 881</b>	<b>2 768</b>	<b>2 768</b>	<b>2 779</b>
Of which electrified	324	624	624	635
Of which private railways	532	495	495	495
	— no. —			
Stations and halts	...	554	554	556
Sea ports	132	129	124	124
Airports	28	23	23	23

Road network length. 1 January 2003



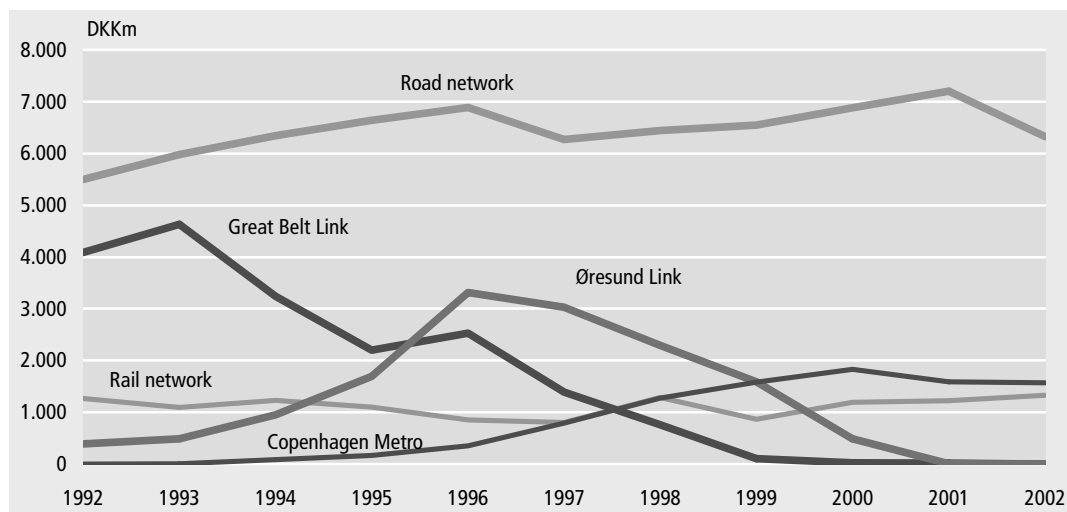
Traffic performance. 2002



## 2. Investments in infrastructure

	1992	2000	2001	2002
	current prices, DKKm			
<b>Road network</b>	<b>5 083</b>	<b>8 239</b>	<b>8 884</b>	<b>7 944</b>
New constructions	1 488	3 800	3 971	2 962
Maintenance	3 595	4 439	4 913	4 982
<b>Rail network</b>	<b>1 238</b>	<b>1 385</b>	<b>1 455</b>	<b>1 612</b>
New investments	...	956	878	960
Reinvestments	...	360	532	582
Other investments	...	69	45	70
<b>Private railways</b>	<b>39</b>	<b>97</b>	<b>53</b>	<b>34</b>
<b>Seaports</b>	<b>476</b>	<b>424</b>	<b>718</b>	...
Constructions	394	277	267	...
Buildings	82	147	451	...
<b>Airports</b>	<b>157</b>	<b>880</b>	<b>464</b>	...
<b>Great Belt Link</b>	<b>3 993</b>	<b>29</b>	<b>23</b>	<b>3</b>
<b>Øresund Link</b>	<b>382</b>	<b>566</b>	<b>4</b>	<b>3</b>
<b>Copenhagen Metro</b>	-	<b>2 126</b>	<b>1 891</b>	<b>1 903</b>

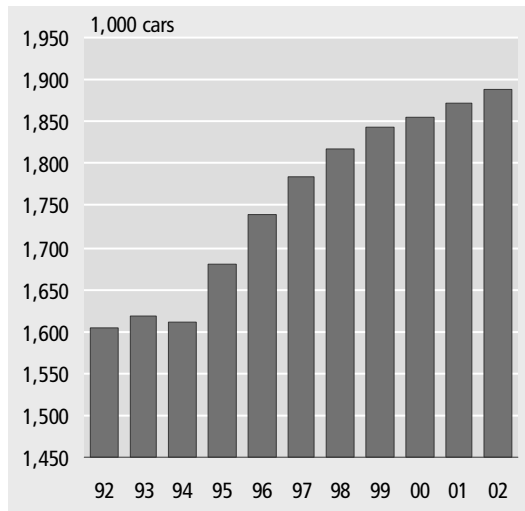
Investments in road and rail network, 1995-prices. 1992-2002



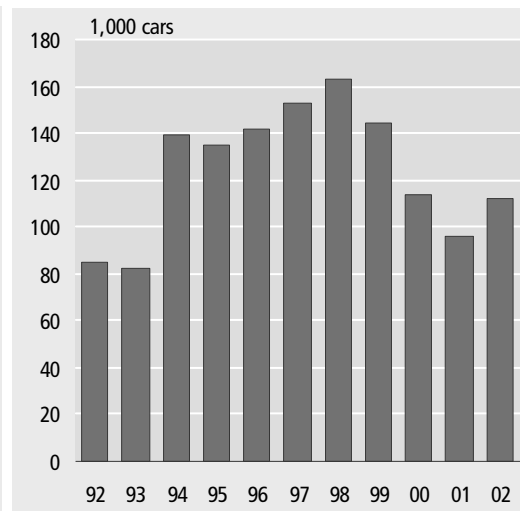
### 3. Private cars, buses and motorcycles

	1992	2000	2001	2002
	no.			
<b>Stock on 31 December</b>				
<b>Private cars, total</b>	<b>1 604 053</b>	<b>1 854 060</b>	<b>1 872 631</b>	<b>1 888 290</b>
Of which in households	1 442 468	1 709 554	1 729 031	1 746 418
Of which in firms	99 352	134 182	133 630	132 905
Petrol-powered cars	1 526 694	1 747 961	1 751 905	1 748 911
Diesel-powered cars	75 880	105 836	120 490	139 162
Taxis	5 711	6 059	6 096	5 921
Under 800 kg unladen weight	507 800	247 398	226 205	202 055
801-1,200 kg unladen weight	983 480	1 280 007	1 281 969	1 275 964
Over 1,200 kg unladen weight	112 773	326 655	364 457	410 271
Average age, years	8,3	7,8	8,1	8,3
<b>Buses and coaches, total</b>	<b>11 259</b>	<b>13 968</b>	<b>13 954</b>	<b>13 986</b>
Buses in scheduled services	4 534	4 660	4 697	4 778
Coaches and other buses	6 725	9 308	9 257	9 208
Caravans	93 150	108 924	110 995	113 338
Motorcycles	45 930	73 695	78 390	82 731
45-Mopeds	...	64 615	67 975	68 591
<b>Registrations of new vehicles</b>				
Private cars	144 259	113 633	96 131	111 829
Buses and coaches	752	737	552	765
Motorcycles	4 200	3 300	2 418	2 640

Private cars on 31 December. 1992-2002



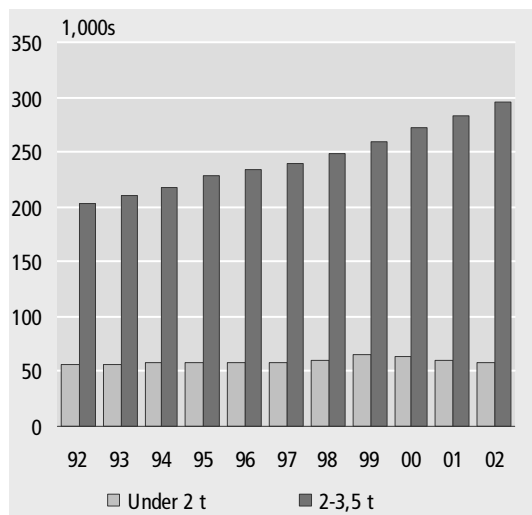
Registrations of new private cars. 1992-2002



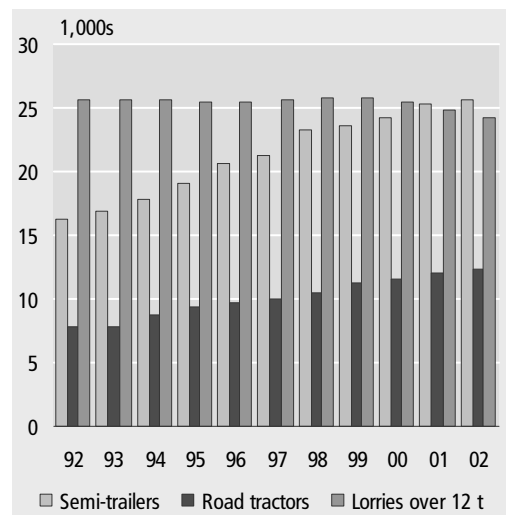
#### 4. Goods motor vehicles

	1992	2000	2001	2002
	no.			
<b>Stock on 31 December</b>				
<b>Vans, total</b>	<b>258 681</b>	<b>335 690</b>	<b>343 450</b>	<b>353 610</b>
Under 2,000 kg gross weight	55 875	63 568	60 603	58 174
2,001-3,500 kg gross weight	202 806	272 122	282 847	295 436
<b>Lorries, total</b>	<b>37 786</b>	<b>37 603</b>	<b>36 801</b>	<b>35 752</b>
3,501-6,000 kg gross weight	5 038	4 628	4 356	4 045
6,001-12,000 kg gross weight	7 133	7 564	7 575	7 556
Over 12,000 kg gross weight	25 615	25 411	24 870	24 151
Road tractors	7 738	11 557	12 009	12 400
Trailers over 5,000 kg gross weight	11 790	12 975	12 770	12 538
Semi-trailers	16 164	24 233	25 310	25 601
<b>Registrations of new vehicles</b>				
<b>Vans</b>	<b>18 744</b>	<b>31 449</b>	<b>30 965</b>	<b>31 390</b>
Under 2,000 kg gross weight	3 105	1 097	490	231
2,001-3,500 kg gross weight	15 639	30 352	30 475	31 159
<b>Lorries, including road tractors</b>	<b>3 398</b>	<b>4 786</b>	<b>4 652</b>	<b>4 157</b>
Road tractors	1 235	2 151	2 199	2 021

Vans by gross weight on 31 December.  
1992-2002



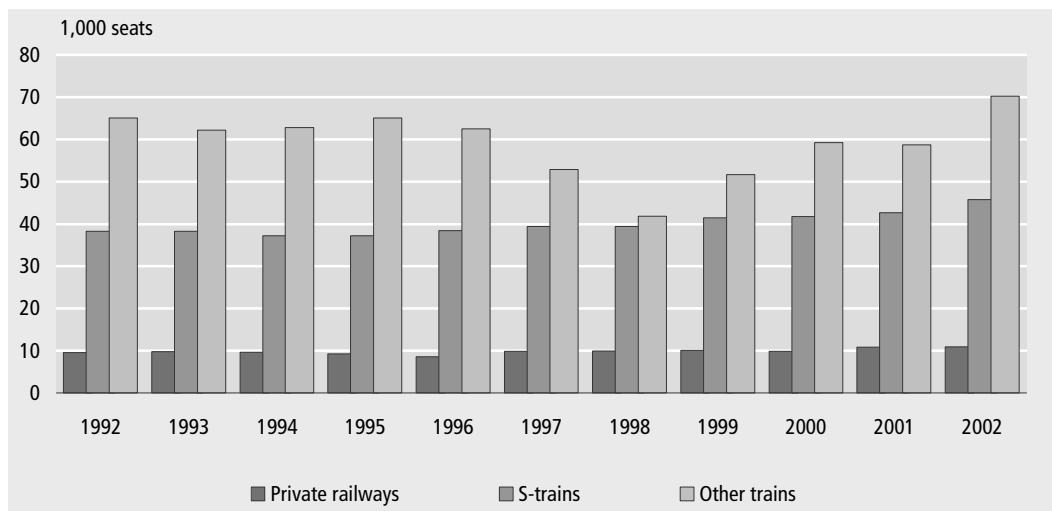
Lorries by gross weight on 31 December.  
1992-2002



## 5. Rolling stock of railways

	1992	2000	2001	2002
	no.			
<b>Stock on 31 December</b>				
<b>Train sets</b>	...	...	485	531
Diesel train sets	...	...	269	285
Electric train sets	150	211	216	246
Of which Metropolitan S-trains	150	158	154	160
Of which Copenhagen Metro	-	-	-	18
<b>Locomotives</b>	355	215	187	182
<b>Railcars and railcar trailers</b>	...	...	1 488	1 619
Diesel train sets	...	...	642	677
Electric train sets	598	829	846	942
Of which Metropolitan S-trains	598	626	616	640
Of which Copenhagen Metro	-	-	-	54
<b>Passenger carriages</b>	703	288	254	318
<b>Goods wagons</b>	4 848	2 115	1 746	1 378
	1,000 seats			
<b>Seats in train sets</b>	70,1	90,6	94,1	101,6
Diesel train sets	31,8	36,8	37,4	38,6
Electric train sets	38,3	53,8	56,7	63,0
Of which Metropolitan S-trains	38,3	41,8	42,7	45,8
Of which Copenhagen Metro	-	-	-	1,7
<b>Seats in passenger carriages</b>	42,9	20,4	18,1	25,3

### Seats in passenger trains. 1992-2002



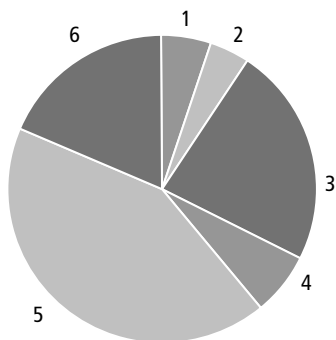


## 6. Danish ships over 20 GT on 1 January

	1993	2001	2002	2003
	no.			
<b>Danish ships, total</b>	<b>2 144</b>	<b>1 797</b>	<b>1 878</b>	<b>1 838</b>
Tankers	76	95	96	95
Container ships	6	87	78	79
Other dry cargo ships	711	467	413	425
Passenger ships/ferries	168	129	118	114
Fishing vessels	920	714	850	781
Other	263	305	323	344
	1,000 GT			
<b>Tonnage, total</b>	<b>5 416</b>	<b>6 472</b>	<b>6 918</b>	<b>7 391</b>
Tankers	1 416	1 543	1 763	2 053
Container ships	83	3 177	3 600	3 893
Other dry cargo ships	3 348	991	770	622
Passenger ships/ferries	371	436	425	454
Fishing vessels	142	132	144	150
Other	56	192	215	219

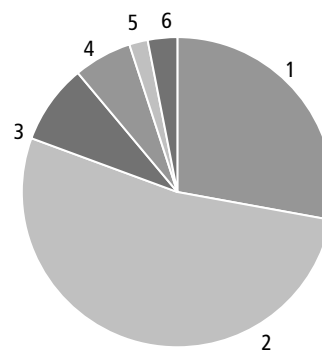
### Danish ships by use. 1 January 2003

Number



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

Gross tonnage, GT

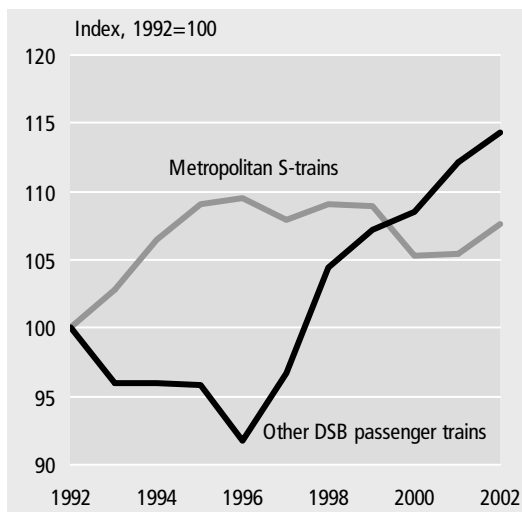
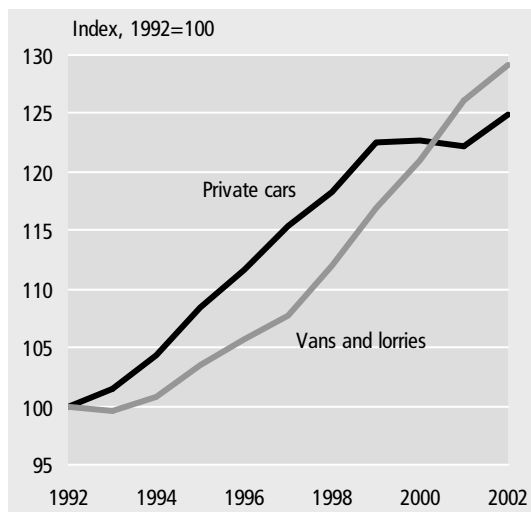


- 4: Passenger ships/ferries
- 5: Fishing vessels
- 6: Other

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

	1992	2000	2001	2002
	----- mio. vehicle-km -----			
<b>Road traffic, total</b>	<b>40 883</b>	<b>48 739</b>	<b>48 770</b>	<b>49 916</b>
Private cars incl. taxis	31 120	38 186	38 036	38 854
Motorcycles, incl. 45-mopeds	296	590	610	646
Vans etc. 2-6 tonnes gross weight	4 365	5 452	5 686	5 904
Solo lorries over 6 tonnes gross weight	776	724	779	650
Lorries and trailers	387	360	318	349
Semi-trailers	240	442	486	544
Buses in scheduled services	302	297	295	299
Coaches and other buses	213	332	330	326
Bicycles/mopeds	3 186	2 355	2 229	2 344
	----- mio. train-km -----			
Metropolitan S-trains	13,7	14,4	14,4	14,7
Private railways	7,0	7,5	7,6	7,1
Other passenger transport by rail	37,4	40,6	41,9	42,9
Carriage of goods by rail	6,8	5,8	5,3	4,8
	----- 1,000 calls -----			
Ferries, domestic lines	462	435	431	447
Ferries, international lines	109	95	84	77
Cargo vessels	...	30	29	29
	----- 1,000 takeoffs and landings -----			
Domestic air traffic	111	87	90	107
International air traffic	184	296	288	263

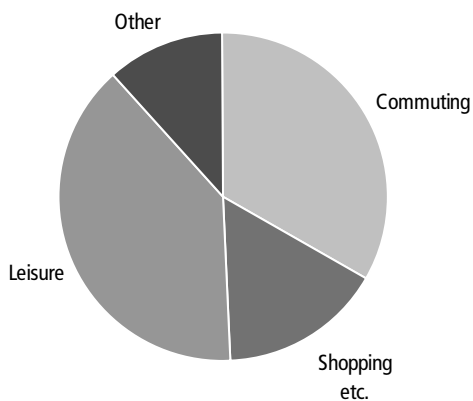
### Traffic performance. 1992-2002



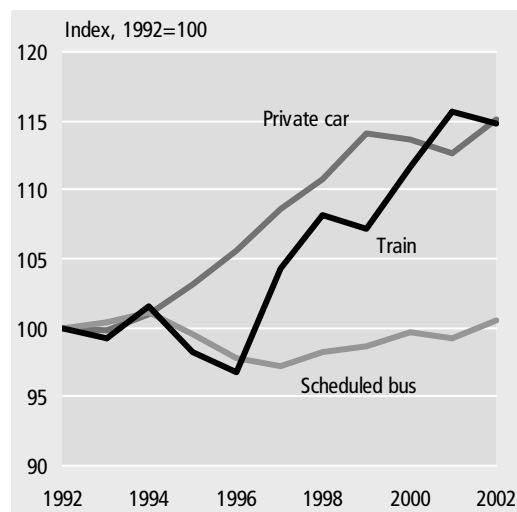
## 8. Passenger transport

	1992	2000	2001	2002
	— mio. passenger-km —			
<b>Passenger transport in DK</b>	<b>68 955</b>	<b>77 259</b>	<b>76 683</b>	<b>78 011</b>
Cars	51 998	59 124	58 589	59 884
Motorcycles, incl. 45-mopeds	370	711	740	783
Buses in scheduled services	2 890	2 880	2 866	2 903
Coaches and other buses	4 709	6 253	6 165	6 069
Bicycles/mopeds	3 186	2 355	2 229	2 344
Metropolitan S-trains	1 211	1 182	1 165	1 125
Other trains	3 561	4 145	4 356	4 354
Ferries	574	246	235	245
Aeroplanes	457	363	338	304
	— 1,000 passengers —			
<b>Road transport across Great Belt</b>	<b>...</b>	<b>14 282</b>	<b>14 606</b>	<b>15 161</b>
<b>Road transport across Øresund</b>	<b>...</b>	<b>3 678</b>	<b>6 427</b>	<b>7 389</b>
<b>Domestic ferries, total</b>	<b>21 233</b>	<b>10 277</b>	<b>10 047</b>	<b>10 153</b>
Of which East-West DK	14 789	2 524	2 545	2 598
<b>International ferries, total</b>	<b>42 601</b>	<b>31 203</b>	<b>27 745</b>	<b>27 777</b>
Denmark-Sweden	26 149	19 673	15 818	15 149
Denmark-Germany	12 555	7 320	7 778	8 290
<b>Scheduled/charter air traffic</b>	<b>7 847</b>	<b>11 124</b>	<b>10 991</b>	<b>10 752</b>
Scheduled traffic, domestic	2 356	1 854	1 743	1 529
Scheduled traffic, international	4 508	7 852	7 999	8 124
Charter traffic	983	1 416	1 249	1 099

Transport performance of 10-84 year-olds, by purpose. 2001



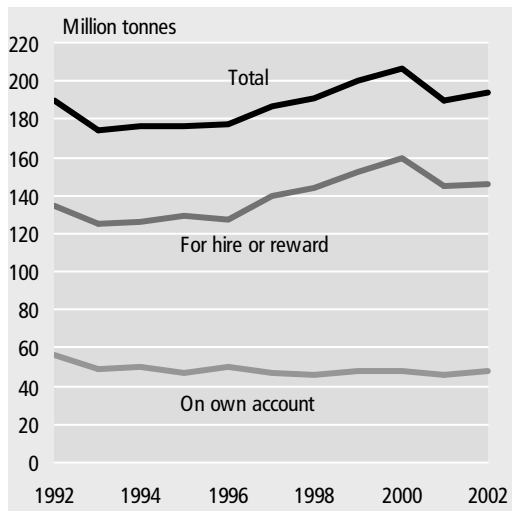
Passenger transport performance by private car, scheduled bus and train. 1992-2002



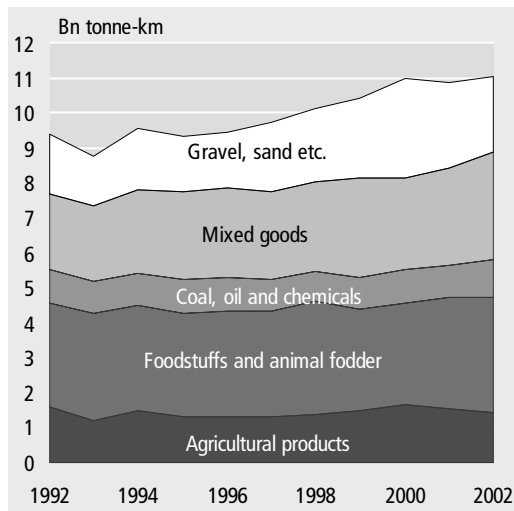
## 9. National transport of goods by road vehicles over 6 tonnes of gross vehicle weight

	1992	2000	2001	2002
	— mio. tonnes —			
<b>Total</b>	<b>190,1</b>	<b>206,9</b>	<b>190,0</b>	<b>194,1</b>
Transport for hire or reward	134,1	159,4	144,6	146,3
Transport on own account	56,0	47,5	45,4	47,8
Agricultural products	30,1	33,1	26,9	25,5
Foodstuffs and animal fodder	46,6	39,1	42,5	46,6
Coal, oil and chemicals	20,3	14,4	14,3	15,5
Mixed, manufactured goods	32,6	37,0	36,5	40,4
Gravel, sand, cement, stone	60,5	83,2	69,8	66,2
	— mio. tonne-km —			
<b>Total</b>	<b>9 407</b>	<b>11 000</b>	<b>10 887</b>	<b>11 057</b>
Transport for hire or reward	7 102	8 926	8 752	8 934
Transport on own account	2 305	2 074	2 135	2 123
Agricultural products	1 618	1 644	1 551	1 407
Foodstuffs and animal fodder	2 911	2 909	3 181	3 296
Coal, oil and chemicals	972	970	899	1 100
Mixed, manufactured goods	2 186	2 632	2 772	3 066
Gravel, sand, cement, stone	1 720	2 845	2 483	2 189

**National road transport of goods.  
1992-2002**



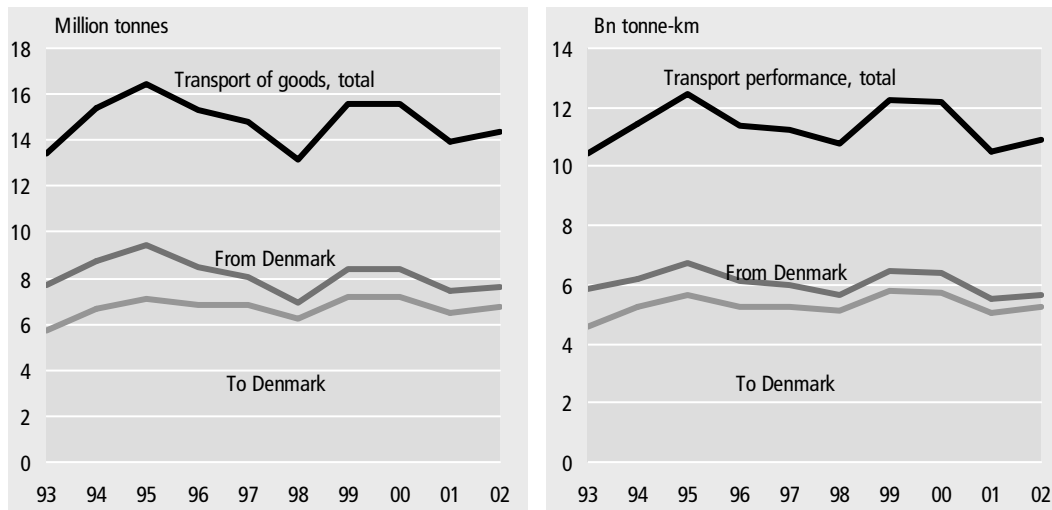
**National goods transport performance on  
road, by commodity category. 1992-2002**



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

	1993	2000	2001	2002
	1,000 tonnes			
<b>By Danish vehicles</b>	<b>14 577</b>	<b>16 897</b>	<b>15 245</b>	<b>15 217</b>
<b>To Denmark</b>	<b>5 732</b>	<b>7 215</b>	<b>6 495</b>	<b>6 755</b>
Agricultural products	1 160	1 185	1 097	1 203
Foodstuffs and animal fodder	991	1 118	969	1 106
Coal, oil and chemicals	694	662	495	565
Mixed, manufactured goods	2 636	3 832	3 570	3 572
Gravel, sand, cement, stone	252	417	363	309
<b>From Denmark</b>	<b>7 677</b>	<b>8 402</b>	<b>7 411</b>	<b>7 588</b>
Agricultural products	792	676	651	727
Foodstuffs and animal fodder	2 452	2 394	1 656	1 921
Coal, oil and chemicals	461	520	489	603
Mixed, manufactured goods	2 669	3 882	3 636	3 601
Gravel, sand, cement, stone	1 303	930	979	736
<b>Third-country transport</b>	<b>635</b>	<b>616</b>	<b>640</b>	<b>521</b>
<b>Cabotage</b>	<b>533</b>	<b>664</b>	<b>699</b>	<b>353</b>
<b>By foreign vehicles to or from Denmark</b>	<b>...</b>	<b>9 585</b>	<b>9 504</b>	<b>...</b>
	mio. tonne-km			
<b>Total</b>	<b>11 232</b>	<b>13 021</b>	<b>11 269</b>	<b>11 459</b>
To Denmark	4 571	5 739	5 023	5 253
From Denmark	5 853	6 426	5 487	5 642
Third-country transport	659	606	573	432
Cabotage	149	251	187	132
<b>By foreign vehicles to or from Denmark</b>	<b>...</b>	<b>7 002</b>	<b>6 892</b>	<b>...</b>

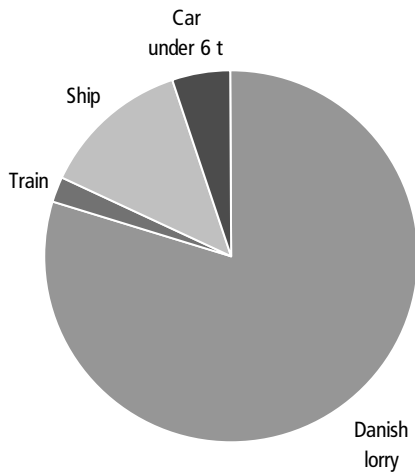
### International goods transport performance and goods transport by Danish vehicles. 1993-2002



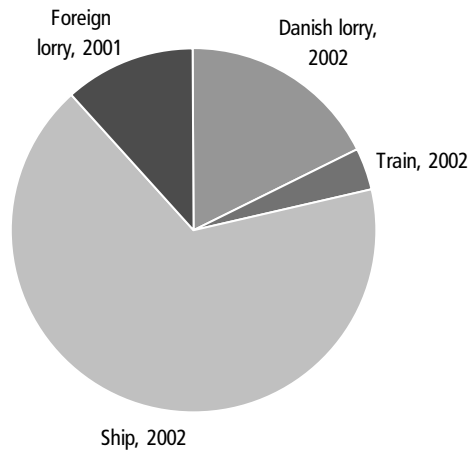
## 11. Goods transport by train, ship and aircraft

	1992	2000	2001	2002
	1,000 tonnes			
<b>Goods carried by train</b>	<b>8 245</b>	<b>7 874</b>	<b>7 173</b>	<b>7 297</b>
National traffic	2 403	2 049	1 592	1 382
To Denmark	1 822	1 995	1 822	1 984
From Denmark	1 278	1 252	962	1 016
In transit	2 742	2 578	2 797	2 914
	mio. tonne-km			
<b>Goods transport by train</b>	<b>1 870</b>	<b>2 025</b>	<b>1 961</b>	<b>1 906</b>
National traffic	622	456	362	319
To Denmark	361	425	441	406
From Denmark	240	274	215	196
In transit	647	870	943	986
	1,000 tonnes			
<b>Goods carried by cargo ship</b>	<b>63 915</b>	<b>64 933</b>	<b>63 527</b>	<b>63 429</b>
National traffic	11 406	9 072	9 767	9 486
To Denmark	34 010	30 984	30 543	29 296
From Denmark	18 500	24 876	23 217	24 648
<b>Goods carried by ferry</b>	<b>29 011</b>	<b>20 480</b>	<b>18 240</b>	<b>18 757</b>
National traffic	10 769	3 737	3 951	4 283
International traffic	18 242	16 743	14 289	14 474
<b>Goods carried by aircraft</b>	<b>78</b>	<b>128</b>	<b>115</b>	<b>108</b>
National traffic	15	5	2	4
International traffic	63	123	113	104

Goods transport performance. 2002  
National traffic



Goods carried. 2002  
International traffic



## 12. Road traffic accidents

	1992	2000	2001	2002
	no.			
<b>Accidents causing casualty</b>	<b>8 965</b>	<b>7 346</b>	<b>6 861</b>	<b>7 126</b>
<b>Casualties, total</b>	<b>11 091</b>	<b>9 590</b>	<b>8 896</b>	<b>9 254</b>
Motorists	5 493	5 210	4 886	5 008
Motorcyclists	546	675	609	644
Moped riders	1 159	1 010	1 019	1 085
Cyclists	2 666	1 750	1 569	1 671
Pedestrians	1 227	945	813	846
<b>Of which fatal, total</b>	<b>577</b>	<b>498</b>	<b>431</b>	<b>463</b>
Motorists	301	270	271	285
Motorcyclists	41	36	24	33
Moped riders	41	35	31	29
Cyclists	83	58	56	52
Pedestrians	111	99	49	64
<b>Alcohol accidents</b>	<b>1 534</b>	<b>1 272</b>	<b>1 140</b>	<b>1 230</b>
Casualties	1 925	1 696	1 441	1 581
Of which fatal	167	110	115	132
<b>Accidents involving heavy motor vehicles</b>	<b>615</b>	<b>490</b>	<b>484</b>	<b>438</b>
Casualties	811	608	635	675
Of which fatal	100	98	78	79

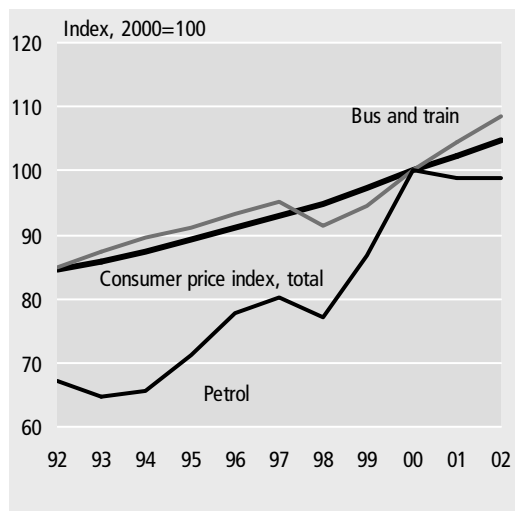
### Traffic fatalities. 1992-2002



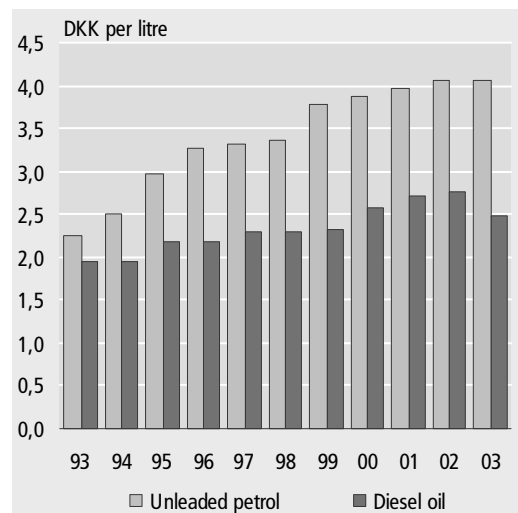
### 13. Consumer prices and indirect taxes

	1992	2000	2001	2002
	index 2000=100			
<b>Consumer price index, total</b>	<b>82,9</b>	<b>100,0</b>	<b>102,4</b>	<b>104,8</b>
<b>Transport, total</b>	<b>81</b>	<b>100</b>	<b>101</b>	<b>104</b>
<b>Bus and train transport</b>	<b>85</b>	<b>100</b>	<b>104</b>	<b>108</b>
<b>Air transport</b>	<b>98</b>	<b>100</b>	<b>98</b>	<b>99</b>
National	97	100	108	116
International	99	100	96	95
<b>Sea transport</b>	<b>94</b>	<b>100</b>	<b>100</b>	<b>98</b>
National	76	100	100	103
International	112	100	99	95
Taxis	77	100	104	110
Vehicle purchases	91	100	101	104
Maintenance of private cars	75	100	103	107
Petrol	67	100	99	99
	current prices, DKKm			
<b>Revenue from taxes</b>				
Weight excise duty	4 210	6 930	7 406	7 943
Registration taxes	8 532	14 122	12 358	14 487
Petrol taxes	5 651	10 074	10 151	10 432
Taxes on some oil products	3 791	6 642	7 029	7 141
Of which diesel for road transport	...	6 154	6 585	6 787
Third party insurance duty	855	1 450	1 526	1 821
Other taxes	246	573	599	618

Prices. 1992-2002



Indirect tax rates. 1 January 1993-2003

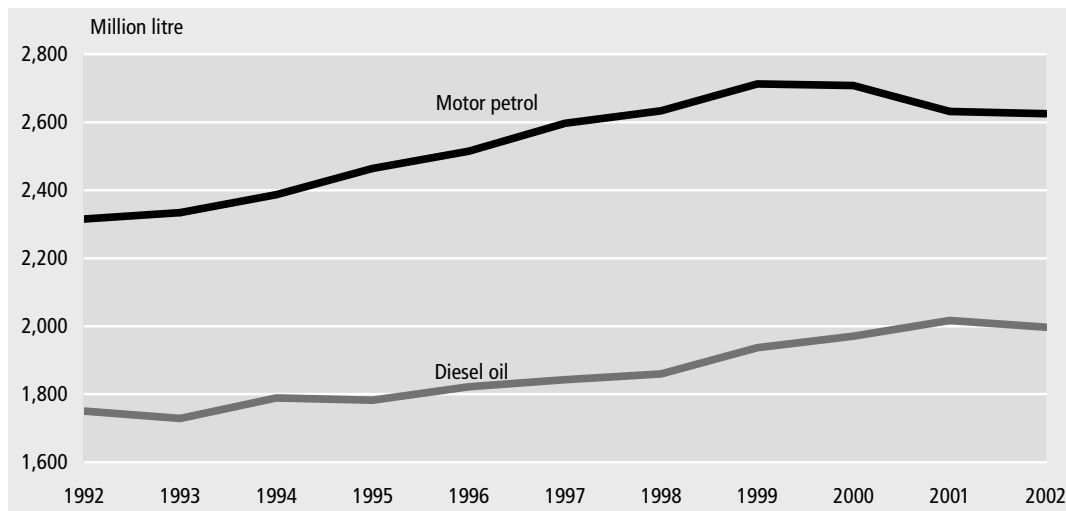




## 14. Energy consumption of the transport activities and NO<sub>2</sub> and particles in the air

	1992	2000	2001	2002
	— mio. litre —			
<b>Energy consumption of road transport</b>				
Consumption of motor petrol	2 315	2 708	2 632	2 625
Consumption of diesel oil	1 821	1 971	2 017	1 997
	— PJ —			
<b>Energy consumption of national transport, total</b>	<b>148,3</b>	<b>164,9</b>	<b>164,0</b>	<b>163,3</b>
Road transport	133,9	153,8	153,3	152,1
Rail transport	5,0	4,3	4,1	4,2
Sea transport	6,9	4,9	4,8	5,5
Air transport	2,5	1,9	1,8	1,6
	— µ g/m <sup>3</sup> —			
<b>NO<sub>2</sub> (Nitrogen dioxide)</b>				
Copenhagen (city centre)	52	42	40	47
Aalborg (city centre)	38	35	35	33
Odense (city centre)	36	31	31	37
Aarhus (city centre)	...	...	...	44
<b>Particles</b>				
Copenhagen (city centre)	74	49	34	36
Aalborg (city centre)	59	...	29	32
Odense (city centre)	60	48	31	33
Aarhus (city centre)	...	...	...	30

### Consumption of motor petrol and diesel oil for cars. 1992-2002

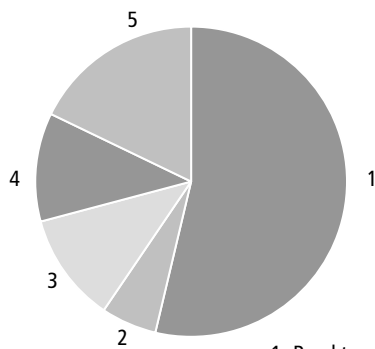


### 15. Employment in the transport sector at the end of November

	1993	1999	2000	2001
	employees			
<b>Transport sector, total</b>	<b>182 870</b>	<b>138 914</b>	<b>139 995</b>	<b>138 462</b>
<b>Road transport</b>	<b>61 515</b>	<b>71 649</b>	<b>73 213</b>	<b>74 146</b>
Scheduled bus services	11 452	14 076	13 674	13 584
Tourist coach services	3 997	4 865	5 069	5 064
Taxi operation	8 981	11 997	12 053	11 876
Haulage contractors	33 978	37 243	38 592	38 762
Furniture removers	1 254	1 579	1 558	1 644
Auxiliary land transport activities	1 853	1 889	2 267	3 216
<b>Rail transport</b>	<b>13 578</b>	<b>10 267</b>	<b>9 630</b>	<b>7 999</b>
<b>Air transport</b>	<b>13 481</b>	<b>16 173</b>	<b>16 155</b>	<b>16 097</b>
<b>Sea transport</b>	<b>21 348</b>	<b>16 670</b>	<b>16 353</b>	<b>15 451</b>
Shipping companies	12 722	10 436	10 387	9 765
Ferry services	6 212	3 739	3 434	3 127
Other sea transport	86	121	166	172
Auxiliary sea transport activities	2 328	2 374	2 366	2 387
Cargo handling, storage and warehousing	2 992	3 783	3 929	3 907
Travel agency activities	4 841	6 921	6 898	6 606
Other transport activities	11 115	13 451	13 817	14 256
	no.			
<b>Workplaces, total</b>	<b>14 269</b>	<b>13 902</b>	<b>13 736</b>	<b>13 515</b>

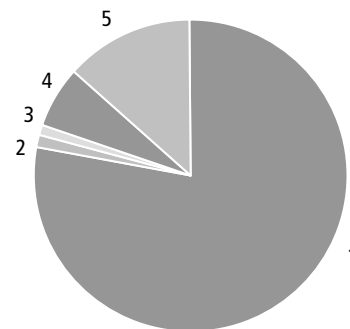
### Number of employees and workplaces, by main groups in the transport sector. 2001

Employees



1: Road transport  
2: Rail transport  
3: Air transport

Workplaces



4: Sea transport  
5: Other

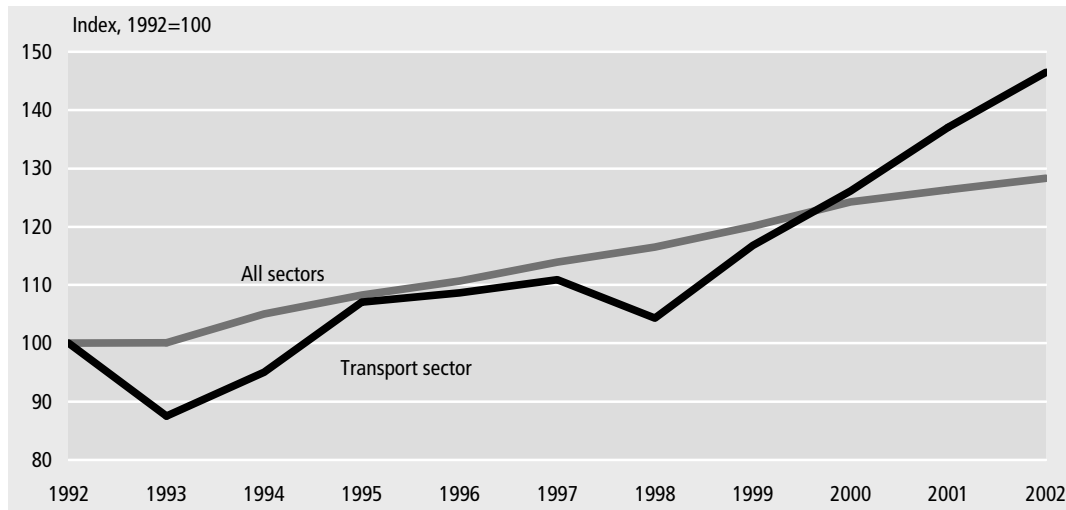
## 16. Permits for national goods transport and bus transport

	1992	2000	2001	2002
	no.			
<b>Firms</b>				
With permit for goods transport	6 745	6 664	6 372	6 109
With permit for bus transport	...	970	886	818
<b>Permits</b>				
For goods transport	28 356	35 343	35 647	35 931
For bus transport	...	9 504	9 552	9 534

## 17. Gross value added in the transport sector

	1992	2000	2001	2002
	DKKm			
<b>Current prices</b>				
All sectors	768 208	1 097 953	1 136 607	1 162 377
Transport sector	44 141	65 469	68 028	66 439
<b>1995 prices</b>				
All sectors	805 034	1 000 297	1 017 039	1 033 007
Transport sector	46 930	59 195	64 311	68 759

## Gross value added at constant prices. 1992-2002



## 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 only 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, Oresound Link Consortium, Ørestadsselskabet 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.

Data were not available on the use of all private cars in households or in firms. They accounted for about 10,000 on 31 December 2002.

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.

Metropolitan trains are counted separately.

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.

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. The statistics are compiled based on traffic data delivered by *Oresound 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*.

Passenger transport performance of 10-84 year-olds by purpose of trip is compiled by *Statistics Denmark*.

### **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 329, 293 and 286, respectively in 2000, 2001 and 2002. 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.

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*.