

Preface

Statistics Denmark - in collaboration with the Danish Ministry of Transport - hereby issues *Key figures for transport 1999*. The publication is part of the collaborative agreement between Statistics Denmark and the Ministry of Transport to enhance and improve the statistical coverage of the transport sector. As part of the collaborative agreement the Ministry of Transport has funded the preparation of the publication. A correspondent publication was published for 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 1 year 10 years back.

Key figures for transport 1999 contains 16 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 1999 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 *Statistiske efterretninger* appearing in the series *Transport*.

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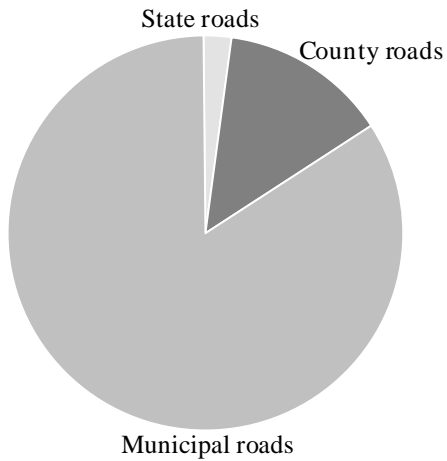
List of contents

| | |
|---|----|
| 1. The infrastructure | 4 |
| 2. Investments in the infrastructure | 5 |
| 3. Private cars, buses and motorcycles..... | 6 |
| 4. Goods motor vehicles..... | 7 |
| 5. Rolling stock | 8 |
| 6. Danish ships over 20 GT | 9 |
| 7. Traffic performance: roads, railways, ports and airports | 10 |
| 8. Passenger transport..... | 11 |
| 9. National transport of goods by trucks over 6 tons total permissible weight | 12 |
| 10. International transport of goods by Danish trucks over 6 tons total permissible weight | 13 |
| 11. Goods transport by train, ship and aircraft | 14 |
| 12. Road traffic accidents | 15 |
| 13. Consumer prices and indirect taxes..... | 16 |
| 14. Energy consumption of the transport sector and NO ₂ and particles in the air..... | 17 |
| 15. Employment in the transport sector..... | 18 |
| 16. Gross value added in the transport sector | 19 |
| 17. Definitions, remarks and sources..... | 20 |

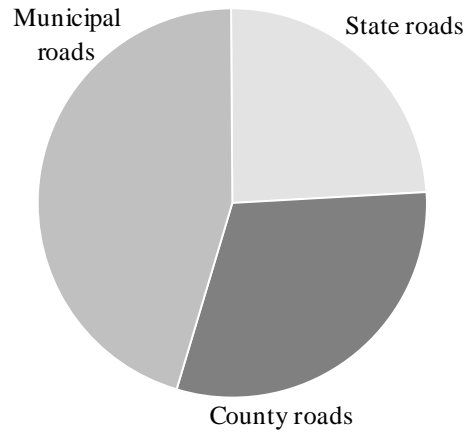
1. The infrastructure on 1 January

| | 1989 | 1997 | 1998 | 1999 |
|--|---------------|---------------|---------------|---------------|
| | — km — | | | |
| Road network, total | 70 666 | 71 336 | 71 437 | 71 462 |
| State roads | 4 557 | 4 576 | 1 623 | 1 619 |
| Of which motorways | 599 | 832 | 855 | 861 |
| County roads | 7 085 | 7 050 | 9 953 | 9 961 |
| Municipal roads | 59 024 | 59 710 | 59 861 | 59 882 |
| Bicycle paths alongside state roads | 1 111 | 1 169 | 295 | 299 |
| Rail network length, total | 2 837 | 2 844 | 2 743 | 2 760 |
| Of which electrified | 323 | 577 | 600 | 617 |
| Of which private railways | 493 | 495 | 495 | 495 |
| | — no. — | | | |
| Stations, goods terminals | 302 | 308 | 308 | 311 |
| Sea ports | 150 | 139 | 138 | 134 |
| Airports | 28 | 26 | 26 | 25 |

Road network. 1 January 1999



Traffic performance. 1998

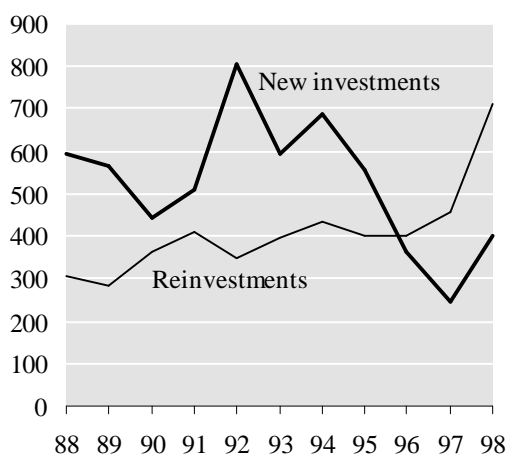


2. Investments in the infrastructure

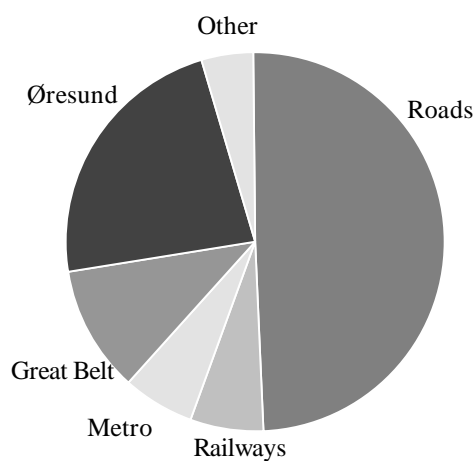
| | 1988 | 1996 | 1997 | 1998 |
|-----------------------------|--------------------------|--------------|--------------|--------------|
| | current prices, mio. DKK | | | |
| Road network | 5 181 | 7 386 | 6 768 | 7 082 |
| Capital costs | 1 866 | 3 006 | 2 990 | 2 908 |
| Current exp., maintenance | 3 315 | 4 380 | 3 778 | 4 174 |
| Rail network | 811 | 905 | 854 | 1 399 |
| New investments | 534 | 430 | 297 | 505 |
| Reinvestments | 278 | 475 | 558 | 894 |
| Private railways | 91 | 46 | 51 | 23 |
| Sea ports | | | | |
| Facilities | ... | 275 | 215 | ... |
| Buildings | ... | 119 | 81 | ... |
| Airports | | | | |
| Facilities | ... | 114 | 143 | ... |
| Buildings | ... | 41 | 108 | ... |
| The Great Belt Link | 444 | 2 675 | 1 479 | 825 |
| The Øresund Link | - | 3 502 | 3 223 | 2 500 |
| Of which landworks | - | 1 842 | 1 182 | 205 |
| The Copenhagen Metro | - | 375 | 840 | 1 050 |

Investments in the rail network, 1990 prices.
1988-98

DKK mio.



Investments in the infrastructure. 1997

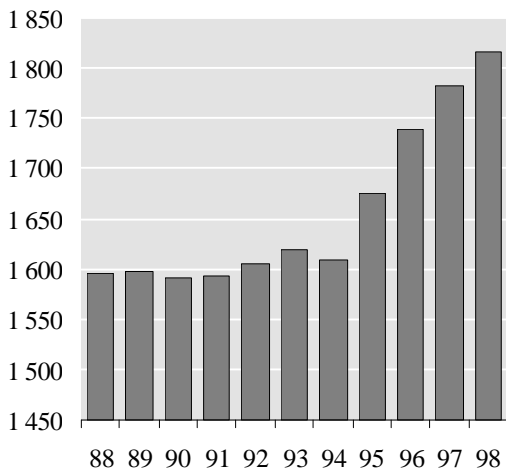


3. Private cars, buses and motorcycles

| | 1988 | 1996 | 1997 | 1998 |
|----------------------------------|------------------|------------------|------------------|------------------|
| no. | | | | |
| Stock on 31 december | | | | |
| Private cars, total | 1 595 834 | 1 738 854 | 1 783 098 | 1 817 147 |
| Of which in households | ... | 1 618 607 | 1 662 324 | 1 694 323 |
| Of which in firms | ... | 96 191 | 101 376 | 107 780 |
| Petrol-powered cars | 1 519 359 | 1 658 987 | 1 702 543 | 1 733 602 |
| Diesel-powered cars | 71 340 | 79 440 | 80 207 | 83 240 |
| Taxis | 6 528 | 5 891 | 5 889 | 5 936 |
| Under 800 kg net weight | 580 496 | 389 350 | 354 097 | 313 886 |
| 801-1 200 kg net weight | 915 162 | 1 167 550 | 1 214 340 | 1 249 841 |
| Over 1 200 kg net weight | 100 176 | 181 954 | 214 661 | 253 420 |
| Average age, years | ... | 8,2 | 8,1 | 7,8 |
| Buses, total | 8 093 | 13 786 | 13 779 | 13 911 |
| Scheduled bus services | 5 066 | 4 410 | 4 469 | 4 571 |
| Tourist and other buses | 3 027 | 9 376 | 9 310 | 9 340 |
| Caravans | 87 861 | 99 931 | 102 302 | 104 852 |
| Motorcycles | 42 450 | 55 607 | 59 889 | 64 013 |
| 45-mopeds | - | 18 243 | 33 986 | 48 107 |
| Registrations of vehicles | | | | |
| Private cars | 88 770 | 142 175 | 152 819 | 162 635 |
| Buses | 487 | 879 | 665 | 891 |
| Motorcycles | 2 427 | 2 989 | 3 237 | 3 375 |

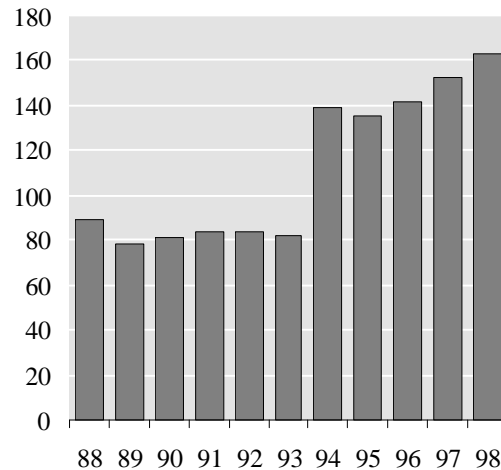
Private cars, total. 1988-98

1 000 cars



Registrations of private cars. 1988-98

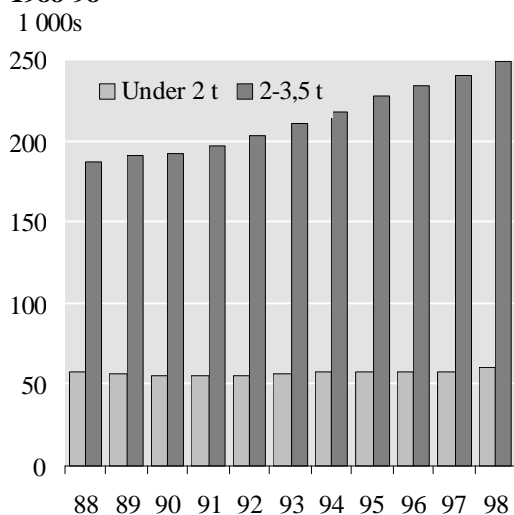
1 000 cars



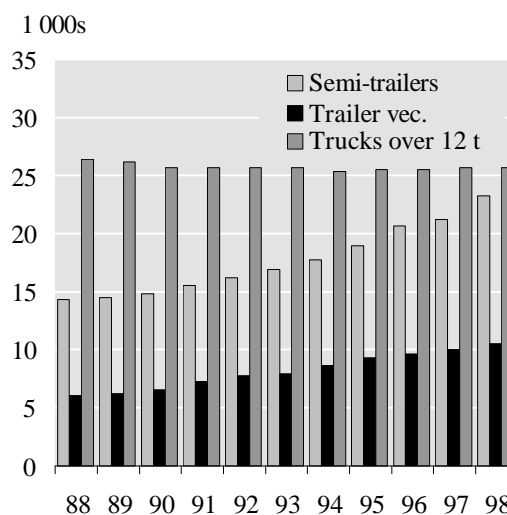
4. Goods motor vehicles

| | 1988 | 1996 | 1997 | 1998 |
|---|----------------|----------------|----------------|----------------|
| | no. | | | |
| Stock on 31 december | | | | |
| Vans, total | 245 479 | 292 537 | 298 144 | 308 872 |
| Under 2 000 kg total weight | 58 294 | 58 047 | 57 863 | 59 970 |
| 2 001-3 500 kg total weight | 187 185 | 234 490 | 240 281 | 248 902 |
| Trucks, total | 47 027 | 37 727 | 37 867 | 38 264 |
| 3 501-6 000 kg total weight | 5 959 | 4 808 | 4 760 | 5 055 |
| 6 001-12 000 kg total weight | 8 771 | 7 460 | 7 431 | 7 459 |
| Over 12 000 kg total weight | 32 297 | 25 459 | 25 676 | 25 750 |
| Articulated trailer vehicles | 5 964 | 9 633 | 9 961 | 10 497 |
| Trailers over 5 000 kg total weight | 10 912 | 12 487 | 12 622 | 12 848 |
| Semi-trailers | 14 233 | 20 701 | 21 222 | 23 211 |
| First-time registrations | | | | |
| Vans | 17 981 | 26 388 | 29 658 | 28 447 |
| Under 2 000 kg total weight | 3 947 | 3 828 | 3 332 | 2 241 |
| 2 001-3 500 kg total weight | 14 034 | 22 560 | 26 326 | 26 206 |
| Trucks, including articulated trailer vehicles | 4 200 | 5 014 | 5 146 | 5 783 |
| Articulated trailer vehicles | ... | 1 896 | 1 846 | 2 228 |

Vans by total permissible weight. 1988-98



Trucks by total permissible weight. 1988-98

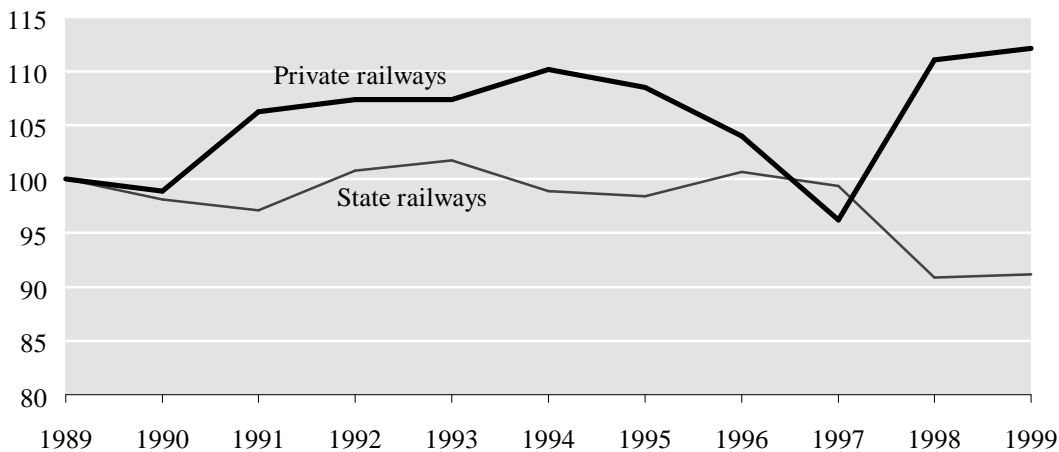


5. Rolling stock on 1 January

| | 1989 | 1997 | 1998 | 1999 |
|------------------------------|---------|---------|--------|--------|
| | no. | | | |
| DSB (State railways) | | | | |
| Multiple train units | 121 | 238 | 240 | 245 |
| Of which IC3 | - | 89 | 89 | 92 |
| Metropolitan trains | 598 | 574 | 574 | 574 |
| Locomotives | 191 | 143 | 123 | 117 |
| Of which electric | 10 | 22 | 22 | 22 |
| Pas.waggons, ex. train units | 776 | 477 | 307 | 287 |
| Of which Wagon-lits | 42 | 34 | 10 | 19 |
| Goods waggons | 4 712 | 3 791 | 3 428 | 3 108 |
| Seats | 101 644 | 100 959 | 92 344 | 92 688 |
| Private railways | | | | |
| Locomotives, total | 51 | 40 | 37 | 35 |
| Multiple train units | - | 1 | 14 | 15 |
| Motorcoaches | 68 | 68 | 66 | 67 |
| Driving trailers | 58 | 58 | 57 | 55 |
| Intermediate coaches | 20 | 20 | 19 | 21 |
| Other motorcoaches | 13 | 7 | 8 | 4 |
| Passenger waggons | 18 | 16 | 13 | 14 |
| Goods waggons | 49 | 8 | 12 | 11 |
| Seats | 8 850 | 8 517 | 9 829 | 9 921 |

Seats in passenger trains. 1 January 1989-99

Index 1989=100

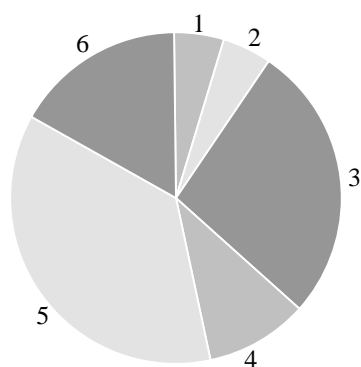


6. Danish ships over 20 GT on 1 January

| | 1989 | 1997 | 1998 | 1999 |
|----------------------------|--------------|--------------|--------------|--------------|
| | no. | | | |
| Danish ships, total | 2 353 | 1 761 | 1 696 | 1 695 |
| Tankers | 66 | 95 | 84 | 86 |
| Container ships | ... | 78 | 79 | 77 |
| Other dry cargo ships | 654 | 488 | 468 | 460 |
| Passenger ships/ferries | 149 | 164 | 163 | 162 |
| Fishing vessels | 1 201 | 656 | 623 | 624 |
| Other | 283 | 280 | 279 | 286 |
| | 1 000 GT | | | |
| Tonnage, total | 4 445 | 5 927 | 5 798 | 5 735 |
| Tankers | 1 996 | 1 893 | 1 475 | 1 312 |
| Container ships | ... | 2 091 | 2 372 | 2 456 |
| Other dry cargo ships | 1 947 | 1 205 | 1 170 | 1 165 |
| Passenger ships/ferries | 295 | 506 | 542 | 545 |
| Fishing vessels | 158 | 118 | 119 | 123 |
| Other | 49 | 114 | 119 | 134 |

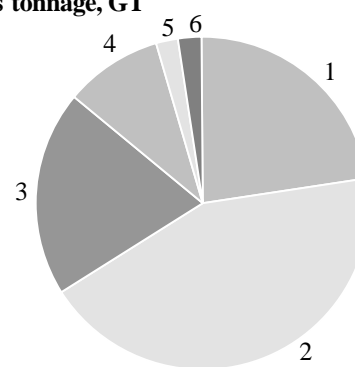
Danish ships by use. 1. January 1999

No.



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

Gross tonnage, GT



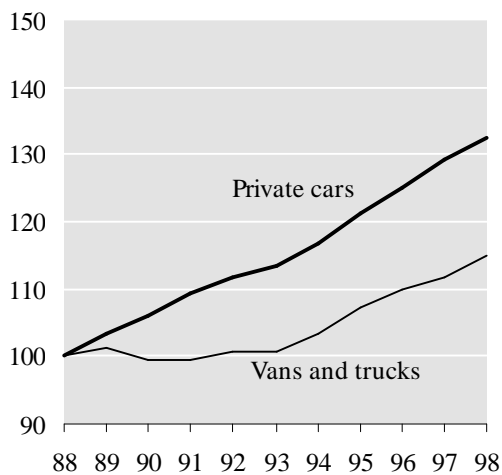
4: Passenger ships/ferries
5: Fishing vessels
6: Other

7. Traffic performance: roads, railways, ports and airports

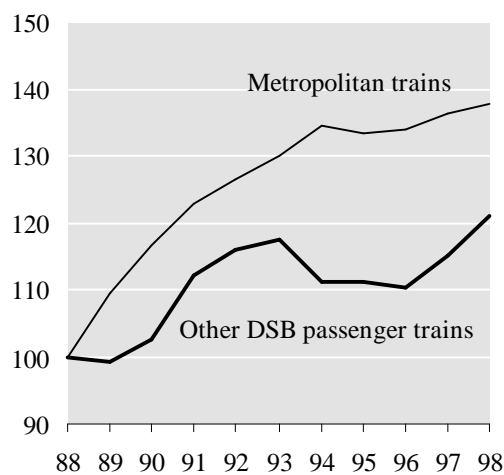
| | 1988 | 1996 | 1997 | 1998 |
|--|---------------|---------------|---------------|---------------|
| ----- mio. vehicle-km ----- | | | | |
| Road traffic, total | 40 023 | 46 776 | 48 243 | 49 081 |
| Private cars | 27 897 | 34 756 | 35 928 | 36 800 |
| Motorcycles | 285 | 356 | 385 | 414 |
| Vans 2-6 tons total weight | 4 350 | 4 928 | 5 051 | 5 204 |
| Solo trucks over 6 tons total weight | 840 | 683 | 648 | 713 |
| Trucks and trailers | 369 | 379 | 377 | 378 |
| Semi-trailers | 235 | 326 | 367 | 358 |
| Scheduled bus services | 291 | 251 | 251 | 256 |
| Tourist or other buses | 198 | 325 | 322 | 318 |
| Bicycles/mopeds | 5 560 | 4 772 | 4 913 | 4 640 |
| ----- mio. train-km ----- | | | | |
| Metropolitan trains | 10,8 | 14,5 | 14,8 | 14,9 |
| Private railways | 5,8 | 7,4 | 7,4 | 7,4 |
| Passenger transport by rail | 32,2 | 35,5 | 37,1 | 39,0 |
| Carriage of goods by rail | 6,6 | 7,2 | 7,2 | 6,8 |
| ----- 1 000 calls ----- | | | | |
| Ferries, domestic lines | 433 | 470 | 492 | 460 |
| Ferries, international lines | 106 | 95 | 99 | 99 |
| Cargo vessels | 35 | 34 | 32 | 31 |
| ----- 1 000 take-offs and landings ----- | | | | |
| Domestic air traffic | 123 | 132 | 131 | 110 |
| International air traffic | 159 | 245 | 262 | 268 |

Traffic performance. 1988-98

Index 1988=100



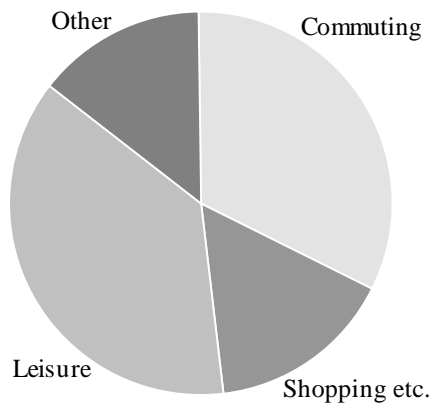
Index 1988=100



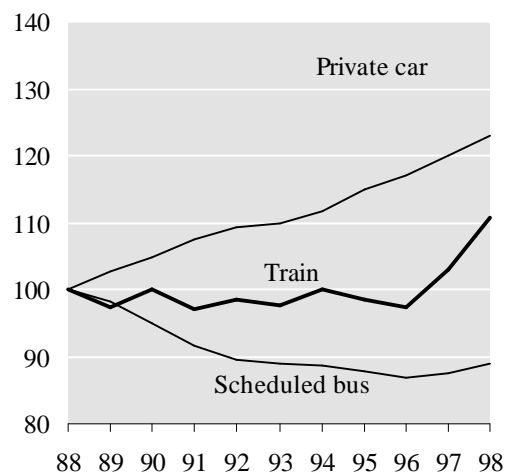
8. Passenger transport

| | 1987 | 1995 | 1996 | 1997 |
|---|-----------------------|---------------|---------------|---------------|
| | — mio. passenger-km — | | | |
| Passenger transport in DK | 68 912 | 78 409 | 79 898 | 81 103 |
| Cars | 47 760 | 55 778 | 57 067 | 58 460 |
| Motorcycles | 357 | 445 | 481 | 517 |
| Scheduled bus services | 3 876 | 3 372 | 3 390 | 3 445 |
| Tourist or other buses | 5 283 | 7 996 | 7 822 | 7 690 |
| Bicycles/mopeds | 5 560 | 4 772 | 4 913 | 4 640 |
| Metropolitan trains | 1 154 | 1 197 | 1 177 | 1 210 |
| Other trains | 3 887 | 3 721 | 4 006 | 4 347 |
| Ferries | 570 | 587 | 524 | 370 |
| Aeroplanes | 465 | 541 | 519 | 424 |
| | — 1 000 passengers — | | | |
| Road transport across Great Belt | - | - | - | 7 255 |
| Domestic ferries, total | 20 034 | 21 782 | 19 793 | 13 173 |
| Of which East-West DK | 13 664 | 14 665 | 12 001 | 5 772 |
| International ferries, total | 39 742 | 36 433 | 36 580 | 37 066 |
| Denmark-Sweden | 25 277 | 22 662 | 22 922 | 23 288 |
| Denmark-Germany | 10 905 | 9 699 | 9 355 | 9 389 |
| Denmark-Norway | 7 709 | 10 206 | 10 735 | 10 288 |
| Scheduled/charter flight | 2 384 | 2 764 | 2 653 | 2 108 |
| Scheduled flight, domestic | 4 107 | 6 078 | 6 667 | 6 865 |
| Scheduled fl., international | 1 218 | 1 364 | 1 415 | 1 315 |
| Charter flight | 1 181 | 1 172 | 1 364 | 1 415 |

Transport performance of 16-74 year-olds, by purpose. 1998



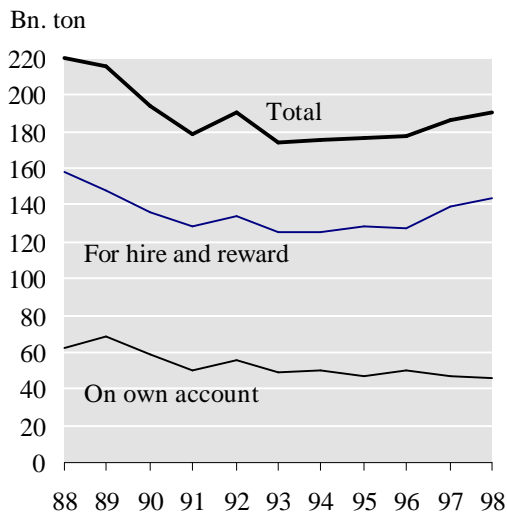
Passenger transport by private car, scheduled bus and train. 1988-98
Index 1988=100



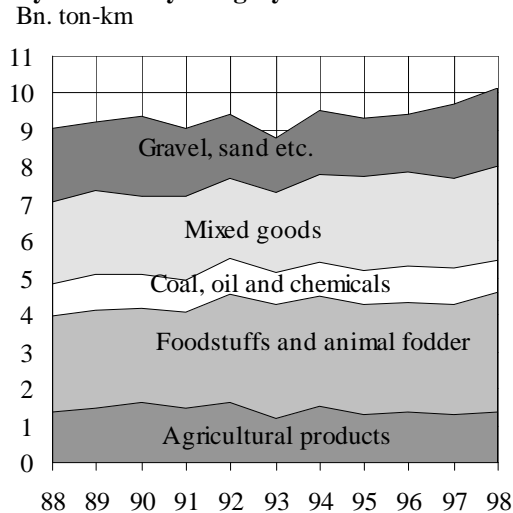
9. National transport of goods by trucks over 6 tons total permissible weight

| | 1988 | 1996 | 1997 | 1998 |
|------------------------------|-----------------|--------------|--------------|---------------|
| | — mio. ton — | | | |
| Total | 220,0 | 177,1 | 186,3 | 190,4 |
| Transport for hire or reward | 158,2 | 127,4 | 139,3 | 144,3 |
| Transport on own account | 61,8 | 49,7 | 47,0 | 46,1 |
| Agricultural products | 30,3 | 25,6 | 26,4 | 26,2 |
| Foodstuffs and animal fodder | 43,6 | 41,1 | 44,5 | 43,9 |
| Coal, oil and chemicals | 20,2 | 19,9 | 15,2 | 15,6 |
| Mixed, manufactured goods | 40,5 | 38,3 | 38,0 | 37,6 |
| Gravel, sand, cement, stone | 85,4 | 52,2 | 62,2 | 67,1 |
| | — mio. ton-km — | | | |
| Total | 9 057 | 9 432 | 9 712 | 10 108 |
| Transport for hire or reward | 6 701 | 7 063 | 7 508 | 7 967 |
| Transport on own account | 2 356 | 2 369 | 2 204 | 2 141 |
| Agricultural products | 1 351 | 1 334 | 1 319 | 1 346 |
| Foodstuffs and animal fodder | 2 609 | 3 007 | 2 985 | 3 235 |
| Coal, oil and chemicals | 843 | 970 | 940 | 888 |
| Mixed, manufactured goods | 2 220 | 2 551 | 2 473 | 2 528 |
| Gravel, sand, cement, stone | 2 035 | 1 570 | 1 995 | 2 111 |

**National road transport of goods.
1988-98**



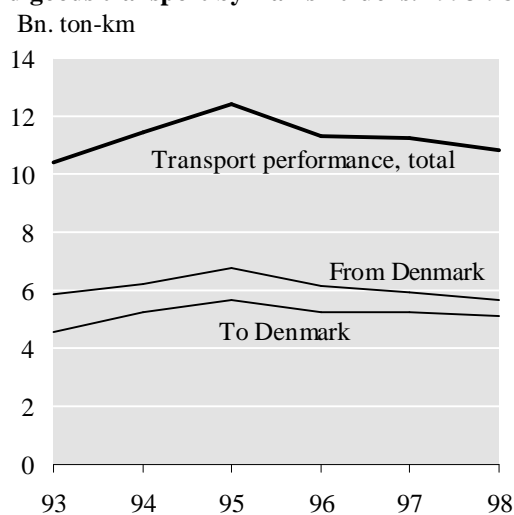
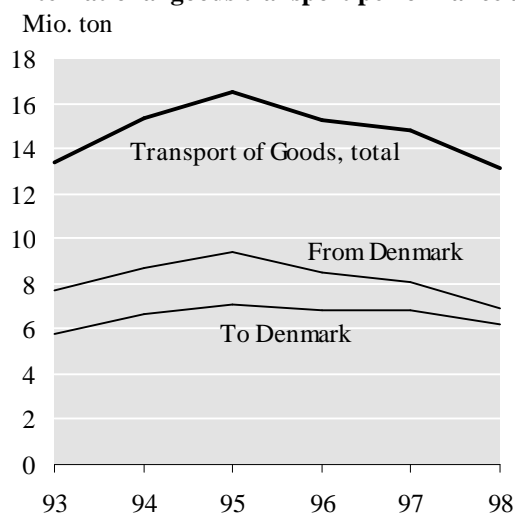
**National road transport of goods,
by commodity category. 1988-98**



10. International transport of goods by Danish trucks over 6 tons total permissible weight

| | 1993 | 1996 | 1997 | 1998 |
|--------------------------------|---------------|---------------|---------------|---------------|
| 1 000 tons | | | | |
| Total | 14 577 | 16 107 | 15 749 | 13 818 |
| To Denmark | 5 732 | 6 813 | 6 809 | 6 192 |
| Agricultural products | 1 160 | 1 265 | 1 346 | 1 164 |
| Foodstuffs and animal fodder | 991 | 1 030 | 1 004 | 1 133 |
| Coal, oil and chemicals | 694 | 743 | 819 | 593 |
| Mixed, manufactured goods | 2 636 | 3 431 | 3 390 | 3 003 |
| Gravel, sand, cement, stone | 252 | 343 | 250 | 299 |
| From Denmark | 7 677 | 8 474 | 8 028 | 6 949 |
| Agricultural products | 792 | 733 | 691 | 669 |
| Foodstuffs and animal fodder | 2 452 | 2 443 | 2 389 | 2 085 |
| Coal, oil and chemicals | 461 | 660 | 656 | 526 |
| Mixed, manufactured goods | 2 669 | 3 315 | 3 349 | 3 027 |
| Gravel, sand, cement, stone | 1 303 | 1 323 | 943 | 642 |
| Third-country transport | 635 | 483 | 463 | 434 |
| Cabotage | 533 | 337 | 449 | 244 |
| mio. ton-km | | | | |
| Total | 11 232 | 11 889 | 11 807 | 11 264 |
| To Denmark | 4 571 | 5 237 | 5 261 | 5 128 |
| From Denmark | 5 853 | 6 107 | 5 963 | 5 668 |
| Third-country transport | 659 | 444 | 478 | 390 |
| Cabotage | 149 | 101 | 105 | 78 |

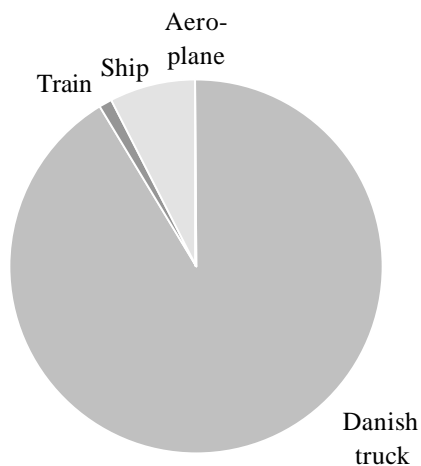
International goods transport performance and goods transport by Danish trucks. 1993-98



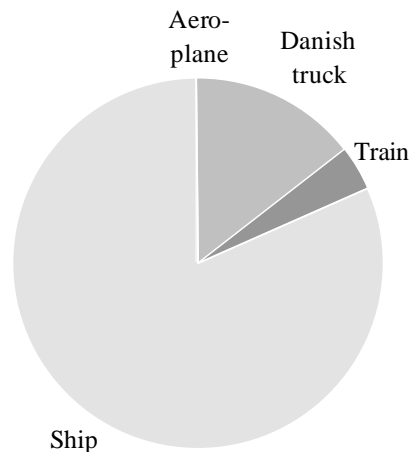
11. Goods transport by train, ship and aircraft

| | 1988 | 1996 | 1997 | 1998 |
|--------------------------------------|---------------|---------------|---------------|---------------|
| 1 000 tons | | | | |
| Goods carried by train | 7 462 | 8 141 | 8 634 | 7 988 |
| National | 2 651 | 2 367 | 2 717 | 2 652 |
| To Denmark | 1 755 | 2 429 | 2 515 | 2 161 |
| From Denmark | 1 010 | 1 454 | 1 515 | 1 233 |
| In transit | 2 046 | 1 891 | 1 888 | 1 941 |
| mio. ton-km | | | | |
| Goods transport by train | 1 685 | 1 767 | 1 992 | 2 066 |
| National | 661 | 530 | 615 | 617 |
| To Denmark | 343 | 524 | 544 | 513 |
| From Denmark | 198 | 257 | 293 | 278 |
| In transit | 483 | 456 | 539 | 657 |
| 1 000 tons | | | | |
| Goods carried by cargo vessel | 54 907 | 70 294 | 72 028 | 63 246 |
| National | 10 926 | 13 317 | 12 677 | 8 556 |
| To Denmark | 30 501 | 37 124 | 38 291 | 33 516 |
| From Denmark | 13 480 | 19 854 | 21 060 | 21 174 |
| Goods carried by ferry | 24 050 | 30 833 | 28 973 | 24 141 |
| National | 8 916 | 11 575 | 11 240 | 6 907 |
| International | 15 134 | 19 258 | 17 315 | 17 234 |
| Goods carried by aeroplane | 92 | 129 | 133 | 119 |
| National | ... | 34 | 25 | 21 |
| International | ... | 95 | 108 | 99 |

Goods carried. 1998
National traffic



Goods carried. 1998
International traffic

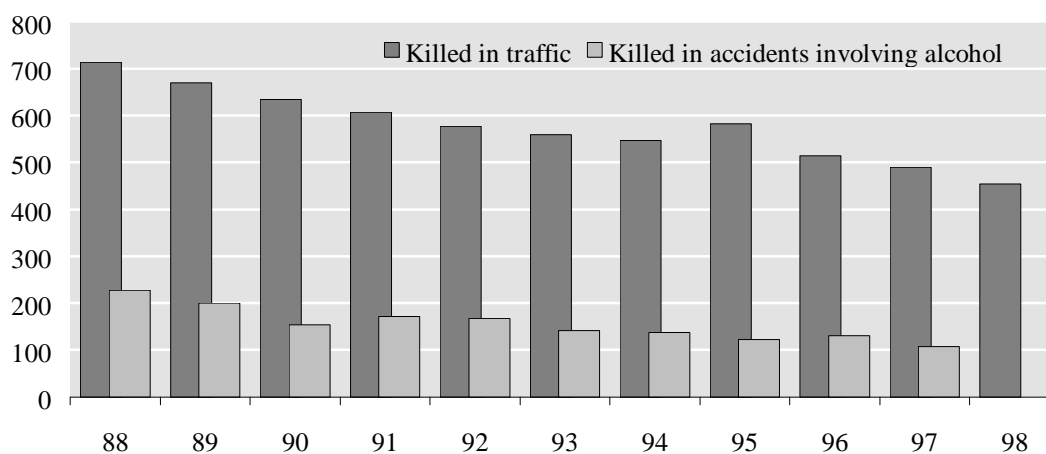


12. Road traffic accidents

| | 1988 | 1996 | 1997 | 1998 |
|---|---------------|---------------|---------------|--------------|
| | no. | | | |
| Accidents causing casualty | 9 978 | 8 080 | 8 004 | 7 447 |
| Casualties, total | 12 503 | 10 324 | 10 106 | 9 342 |
| Motorists | 6 723 | 5 761 | 5 611 | ... |
| Motorcyclists | 635 | 547 | 631 | ... |
| Moped riders | 1 240 | 817 | 702 | ... |
| Cyclists | 2 473 | 2 237 | 2 153 | ... |
| Pedestrians | 1 432 | 962 | 1 009 | ... |
| Of which fatal, total | 713 | 514 | 489 | 454 |
| Motorists | 410 | 309 | 291 | ... |
| Motorcyclists | 40 | 24 | 23 | ... |
| Moped riders | 43 | 25 | 23 | ... |
| Cyclists | 81 | 88 | 65 | ... |
| Pedestrians | 139 | 68 | 87 | ... |
| Alcohol accidents | 1 929 | 1 248 | 1 253 | ... |
| Casualties | 2 525 | 1 653 | 1 569 | ... |
| Of which fatal | 228 | 130 | 108 | ... |
| Accidents involving heavy motor vehicles | 745 | 587 | 620 | ... |
| Casualties | 971 | 738 | 810 | ... |
| Of which fatal | 131 | 102 | 93 | ... |

Trends in traffic fatalities. 1988-98

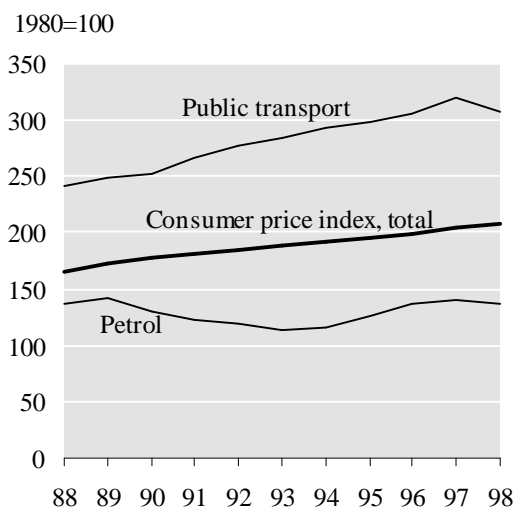
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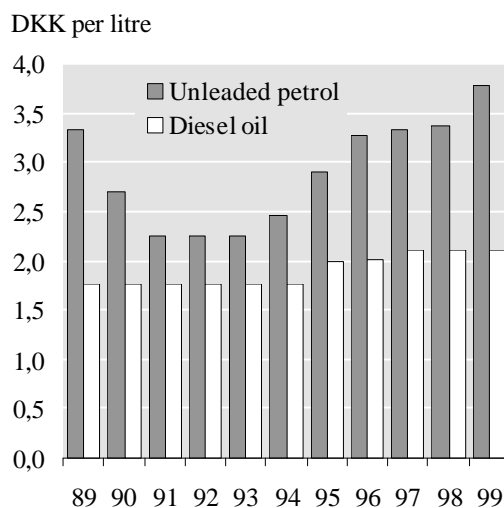
13. Consumer prices and indirect taxes

| | 1987 | 1995 | 1996 | 1997 |
|-----------------------------|----------------|------------|------------|------------|
| | index 1980=100 | | | |
| Consumer price index, total | 165,0 | 199,7 | 204,1 | 207,9 |
| Transport, total | 168 | 205 | 208 | 211 |
| Public transport | 242 | 305 | 320 | 307 |
| Air transport | 177 | 263 | 267 | 269 |
| National | 192 | 262 | 266 | 304 |
| International | 172 | 263 | 268 | 261 |
| Sea transport | 198 | 246 | 242 | 239 |
| National | 192 | 266 | 283 | 266 |
| International | 217 | 220 | 214 | 220 |
| Taxis | 180 | 233 | 236 | 237 |
| Motor vehicle purchases | 154 | 177 | 177 | 181 |
| Maintenance of private cars | 198 | 290 | 301 | 293 |
| Petrol | 137 | 137 | 141 | 136 |
| | mio. DKK | | | |
| Revenue from taxes | | | | |
| Weight excise duty | 3 593 | 4 918 | 5 172 | 5 431 |
| Registration taxes | 7 984 | 15 419 | 16 530 | 18 526 |
| Petrol taxes | 7 155 | 8 250 | 8 606 | 8 921 |
| Third party insurance duty | 930 | 1 099 | 1 314 | 1 347 |

Prices. 1988-98



Indirect tax rates. 1 January 1989-99

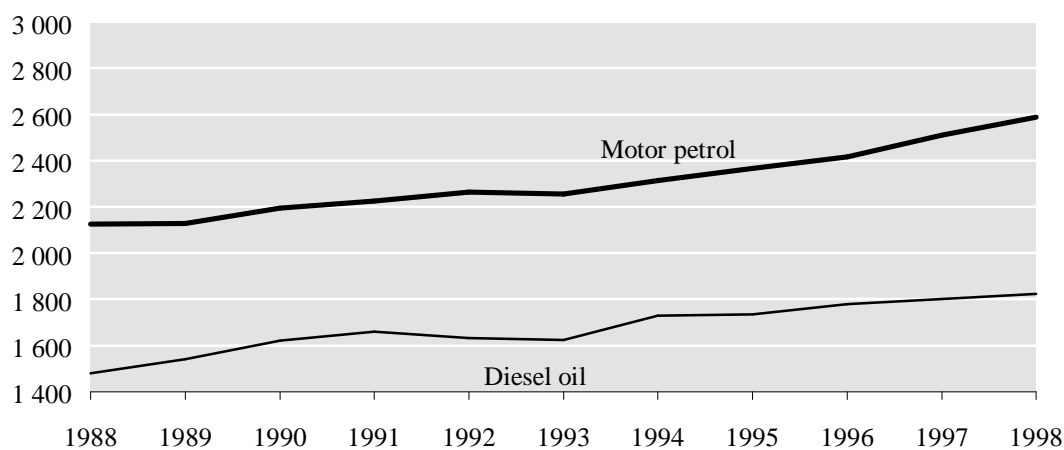


14. Energy consumption of the transport activities and NO₂ and particles in the air

| | 1988 | 1996 | 1997 | 1998 |
|--|------------------------|--------------|--------------|--------------|
| | — mio. litre — | | | |
| Consumption of motor petrol | 2 125 | 2 415 | 2 510 | 2 587 |
| Consumption of diesel oil | 1 480 | 1 779 | 1 801 | 1 824 |
| | — PJ — | | | |
| Energy consumption of national transport, total | 136,8 | 157,8 | 160,6 | 162,0 |
| Road transport | 124,3 | 143,3 | 147,3 | 150,8 |
| Rail transport | 5,2 | 5,0 | 4,9 | 4,4 |
| Sea transport | 6,0 | 7,9 | 6,9 | 5,5 |
| Air transport | 1,3 | 1,6 | 1,5 | 1,3 |
| | — µ g/m ³ — | | | |
| NO₂ (Nitrogen dioxide) | | | | |
| Copenhagen (city centre) | 64 | 45 | 43 | 44 |
| Ålborg (city centre) | 50 | 38 | 34 | 35 |
| Odense (city centre) | 49 | 34 | 36 | 32 |
| Particles | | | | |
| Copenhagen (city centre) | 93 | 65 | 47 | 46 |
| Ålborg (city centre) | 77 | 69 | 54 | 51 |
| Odense (city centre) | 76 | 54 | 61 | 46 |

Consumption of motor petrol and diesel oil for cars. 1988-98

Mio. litre

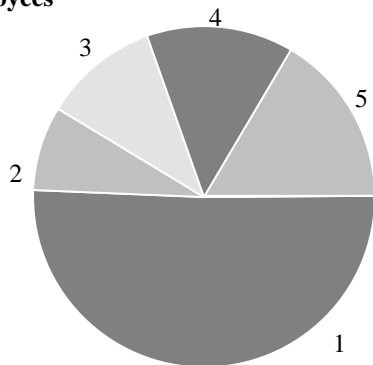


15. Employment in the transport sector at the end of November

| | 1993 | 1995 | 1996 | 1997 |
|---|----------------|----------------|----------------|----------------|
| | employees | | | |
| Transport sector, total | 128 870 | 133 294 | 136 355 | 135 692 |
| Road transport | 61 515 | 66 128 | 68 539 | 68 771 |
| Scheduled bus services | 11 452 | 12 822 | 13 784 | 13 910 |
| Tourist coach services | 3 997 | 4 357 | 4 216 | 4 363 |
| Taxi operation | 8 981 | 10 048 | 11 051 | 11 201 |
| Haulage contractors | 33 978 | 35 739 | 36 195 | 35 996 |
| Furniture removers | 1 254 | 1 369 | 1 496 | 1 464 |
| Auxiliary land transport act. | 1 853 | 1 793 | 1 797 | 1 837 |
| Rail transport | 13 578 | 12 411 | 11 790 | 10 649 |
| Air transport | 13 481 | 13 296 | 14 420 | 15 073 |
| Sea transport | 21 348 | 20 275 | 19 479 | 18 808 |
| Shipping companies | 12 722 | 11 320 | 10 750 | 10 462 |
| Ferry services | 6 212 | 6 483 | 6 229 | 5 694 |
| Other sea transport | 86 | 83 | 103 | 111 |
| Aux. sea transport activities | 2 328 | 2 389 | 2 397 | 2 541 |
| Cargo handling, storage and warehousing | 2 992 | 3 268 | 3 557 | 3 383 |
| Travel agency activities | 4 841 | 5 474 | 6 018 | 6 092 |
| Other transport activities | 11 115 | 12 442 | 12 552 | 12 916 |
| | workplaces | | | |
| Workplaces, total | 14 269 | 13 925 | 14 043 | 13 780 |

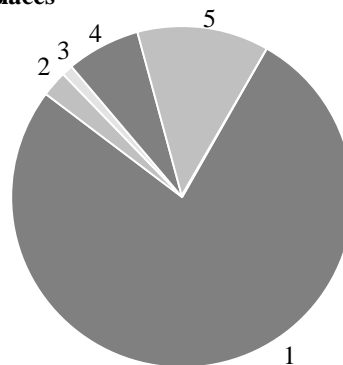
Number of employees and workplaces, by main groups in the transport sector. 1997

Employees



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

Workplaces



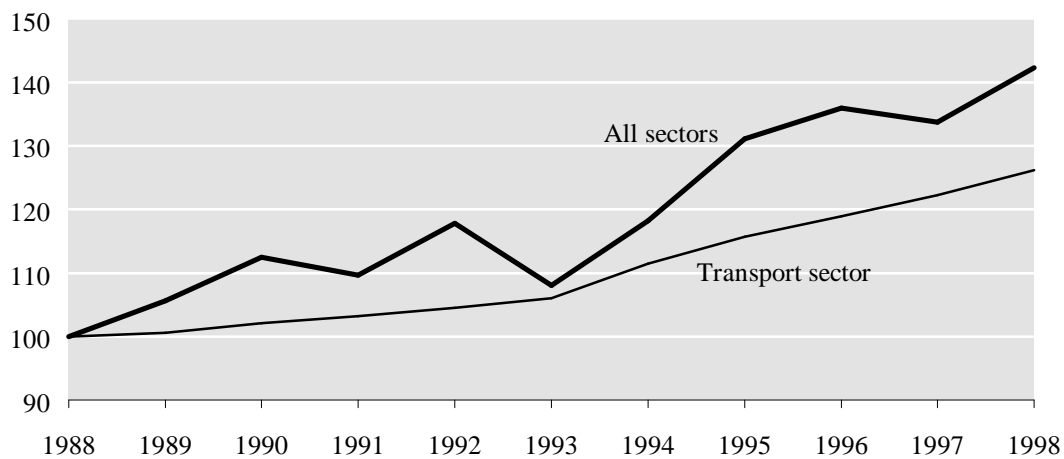
- 4: Sea transport
5: Other

16. Gross value added in the transport sector

| | 1992 | 1995 | 1996 | 1997 |
|-----------------------|--------------|---------|---------|---------|
| | — mio. DKK — | | | |
| Current prices | | | | |
| All sectors | 633 757 | 910 602 | 952 362 | 994 349 |
| Transport sector | 35 811 | 52 614 | 57 505 | 60 277 |
| 1990 prices | | | | |
| All sectors | 695 297 | 826 710 | 849 731 | 876 932 |
| Transport sector | 36 394 | 49 457 | 48 662 | 51 769 |

Gross value added at constant prices. 1988-98

Index 1988=100



17. Definitions, remarks and sources

1. Infrastructure

The road network comprises state roads, county roads and municipal roads. Paths and private joint roads are excluded. The total length of private joint roads is estimated at 15,000 km. State roads of just over 2,100 km were transferred to the counties on 1 January 1998. The number of motorways include motorways falling under county roads, 12 km in 1999, but exclusive of the Øresund-motorway of 7 km and the 22 km Great Belt Link managed by *Sund og Bælt A/S*. Source: *Vejdirektoratet*.

The rail network comprises the length of all railway sections falling under the Danish National Railways Agency (previously DSB, Danish State Railways) and the private railways. Source: *Banestyrelsen* and *Privatbanernes Fællesrepræsentation*.

Railway stations are compiled as railway line stops. The railway stations of the Private Railways are excluded. In 1999 the Private Railways had 201 railway line stops, of which 13 were operated jointly with DSB. Source: *DSB and Privatbanernes Fælleskontor*.

Sea ports comprise all commercial ports and ferry berths outside the actual commercial ports. Source: *Danmarks Statistik*.

Airports comprise only airports that are manned. Source: *Statens Luftfartsvæsen*.

2. Investments in the infrastructure

Investments in the road network cover capital costs and current expenditure. Source: *Vejdirektoratet*.

Data on investments in the rail network are reported by *Banestyrelsen* and *Jernbanetilsynet*. The investments of Banestyrelsen are incl. new investments in improved environment, IT etc., but in 1998 excl. services.

Investments in the Great Belt Link, the Øresund 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 Øresund Link is included. Source: *A/S Storebæltsforbindelsen*, *A/S Øresundsforbindelsen*, *Øresundskonsortiet* and *Ørestadsselskabet*.

Investments in sea ports cover capital costs of all enterprises engaged in commercial ports and marinas. Source: *Danmarks Statistik*.

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

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. It should be noted that about 1,500 private cars were reclassified to the group of buses in 1991.

Data were not available on the use of all private cars in households and in firms. They accounted for about 15,000 on 31 December 1998.

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 cm³. 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: *Danmarks Statistik*.

4. Goods motor vehicles

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

Trucks are motor vehicles over 3,500 kg, and are mainly designed for transport of goods.

Articulated trailer vehicles are especially designed for driving with semi-trailers, i.e. vehicles without a front axle.

Source: *Danmarks Statistik*.

5. Rolling stock

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

Multiple train units consist of two or more connected waggons, which normally are not self-propelled.

Metropolitan trains are counted separately.

Source: *DSB and Jernbanetilsynet*

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: *Danmarks Statistik*.

7. Traffic performance: roads, railways, sea ports and airports

Road traffic performance, i.e. vehicle-kilometres, is calculated by Vejdirektoratet, primarily from measurements of traffic flows recorded by permanent census takers. For motorcycles, buses, vans and small trucks, vehicle-kilometres are calculated on the basis of the total stock and a rough estimate of vehicle-kilometres. For trucks over 6,000 tons the results of the sample survey of national goods transport conducted by Statistics Denmark are used. Source: *Vejdirektoratet*.

Train-kilometres exclude shunting work and transport of empty wagons. Source: *DSB* and *Privatbanernes Fællesrepræsentation*.

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

Air traffic is compiled by *Statens Luftfartsvæsen*. Take-offs 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: *Vejdirektoratet*.

Data on passenger-kilometres by train are reported by the *DSB* and *Jernbanetilsynet*.

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

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

The shipping companies report data on ferry passengers to *Danmarks Statistik*.

Air traffic covers departing passengers by scheduled flights and charter flights. Passengers in transit and in transfer are included. Source: *Statens Luftfartsvæsen*.

Passenger transport performance of 16-74 year-olds by purpose of trip is compiled by *Danmarks Statistik*.

9. National transport of goods by trucks

The statistics cover transport by Danish trucks over 6 tons total permissible weight. Transport between the places of loading and unloading, both places situated in Denmark, is included.

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

Source: *Danmarks Statistik*.

10. International transport of goods by Danish trucks

The statistics cover transport by Danish trucks over 6 tons total permissible weight. Transport between Denmark and abroad, transport between 2 foreign countries (third-country transport) and transport in one foreign country (cabotage) are included.

Source: *Danmarks Statistik*.

11. Goods transport by train, ship and aircraft

Goods transport by train comprises transport on the Danish rail network. Ton-kilometres 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, as a majority of the goods are also carried by the Danish State Railways. Source: *DSB* and *Jernbanetilsynet*.

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

Goods transport by aircraft covers loaded and unloaded goods at airports. Source: *Statens Luftfartsvæsen*.

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 100 and 222, respectively, in 1996 and 97. 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 truck over 3,500 kg.

Source: *Danmarks Statistik*.

13. Consumer prices and indirect taxes

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

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

Source: *Danmarks Statistik*.

14. Energy consumption of the transport sector and NO₂ and particles in the air

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

Source: *Danmarks Statistik*.

15. Employment in the transport sector

The statistics cover full- and part-time employees working at workplaces in the transport sector.

Source: *Danmarks Statistik*.

16. 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: *Danmarks Statistik*.