



Energiläget i siffror

Energy in Sweden:

Facts and figures

2004



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Energiläget 2004

Publikationen *Energiläget* ges ut årligen på svenska och engelska av Statens Energimyndighet sedan 1998. Innan dess svarade myndighetens föregångare, NUTEK och Statens Energiverk för denna publikation. Som komplement och separat bilaga utges också *Energiläget i Siffror*.

Energiläget i siffror innehåller tabellunderlaget till de flesta figurer som finns i *Energiläget*. Underlaget utgör i huvudsak Energimyndighetens bearbetning av SCB:s statistik. *Energiläget i siffror* finns som pdf-fil och även som excel-fil. (Se www.stem.se)

I 2001 års utgåva av *Energiläget* reviderades statistiken till figurerna jämfört med tidigare versioner. Revideringen omfattar åren 1983–1999. Från och med 2001 års upplaga är statistik som baseras på uppgifter från SCB preliminär för de två senaste åren. Uppdelningen av vissa bränslen varierar något beroende på om preliminär eller definitiv statistik används. För ytterligare information om statistiken, se *Energiläget*, kapitel 8 Energifakta.

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Ytterligare information om Energimyndighetens verksamhet och publikationer finns på internet, www.stem.se

Energy in Sweden 2004

Energy in Sweden is published annually since 1998 by the Swedish Energy Agency. Before that the publication was produced by the Energy Agency's forerunners, NUTEK (the National Board for Industrial and Technical Development) during 1991-1997 and prior to that, the National Energy Authority.

Energy in Sweden 2004: Facts and Figures contains the tabular data for most of the diagrams in the main publication. These data consist primarily of the results of the Agency's processing of basic data from Statistics Sweden. *Facts and Figures* is available at www.stem.se in pdf- and excel file formats.

Since the year 2001 statistics for the period 1983-1998 are revised compared to data for previous editions. With effect from the 2001 edition, statistics are of preliminary character for the two preceding years. Breakdowns into certain types of fuels vary somewhat depending on whether preliminary or final data has been used. Further information about the statistics can be found in *Energy in Sweden, chapter 8 Energy Facts*.

Please note that the figures have been rounded up or down, therefore totals do not always comply with the sum of individual figures.

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Further information on the Swedish Energy Agency and its publications is available at the website: www.stem.se

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TABLE FOR FIGURE 4

Energibalansen¹ år 2003, TWh
The energy balance¹ year 2003, TWh

| Tillförd energi / Energy supplied | |
|---|------------|
| Kärnkraft ² / Nuclear power ² | 199 |
| Råolja och oljeprodukter / Crude oil and oil products | 210 |
| Biobränslen, torv m m / Biofuels, peat etc. | 103 |
| Vattenkraft ³ / Hydro power ³ | 53 |
| Kol och koks / Coal and coke | 30 |
| Naturgas, stadsgas / Natural gas, gasworks gas | 9 |
| Värmepump ⁴ / Heat pumps ⁴ | 7 |
| Vindkraft / Wind Power | 1 |
| Import-export el ⁵ / Import-export electricity ⁵ | 13 |
| Totalt / Total | 624 |
| Förluster och icke energi ändamål / Losses and use for non-energy purposes | |
| Omvandlingsförluster i kärnkraft / Conversion losses in nuclear power | 131 |
| Omvandlings- och distributionsförluster / Conversion and distribution losses | 47 |
| Utrikes sjöfart och icke energi ändamål / International marine bunkers and use for non-energy purposes | 40 |
| Totalt / Total | 218 |
| Slutlig användning uppdelat på energibärare / Final use per energy carrier | |
| Oljeprodukter / Oil products | 142 |
| El / Electricity | 130 |
| Biobränsle, torv m m / Biofuels, peat, etc | 61 |
| Fjärrvärme / District Heating | 50 |
| Kol, koks / Coal, coke | 17 |
| Naturgas, stadsgas / Natural gas, gasworks gas | 6 |
| Totalt / Total | 406 |
| Slutlig användning, förluster och icke energiändamål / Final use, losses and non-energy purposes | 624 |
| Total slutlig användning uppdelat på sektorer / Total final use per sector | |
| Industri / Industry | |
| El / Electricity | 55 |
| Biobränslen, torv / Biofuels, peat | 49 |
| Olja / Oil | 22 |
| Kol, koks / Coal, coke | 17 |
| Fjärrvärme / District heating | 7 |
| Naturgas / Natural gas | 4 |
| Totalt / Total | 154 |
| Transporter / Transport | |
| Olja ⁶ / Oil ⁶ | 92 |
| El / Electricity | 3 |
| Totalt / Total | 95 |
| Bostäder, service m m / Residential, services, etc | |
| El / Electricity | 72 |
| Fjärrvärme / District heating | 43 |
| Olja / Oil | 27 |
| Biobränslen / Biofuels | 12 |
| Naturgas, stadsgas / Natural gas, gasworks gas | 2 |
| Totalt / Total | 157 |
| Total slutlig användning i sektorer / Total final use per sector | 406 |

¹ Preliminär statistik. På grund av avrundning i delsummorna kan en skillnad i totalsummorna uppstå.

² Kärnkraft redovisas brutto, dvs som tillförd kärnbränsleenergi enligt FN/ECE:s riktlinjer.

³ Vattenkraft inklusive vindkraft t o m år 1996.

⁴ Värmepumpar avser stora värmepumpar i energisektorn. Tillförd energi till energisystemet avser producerad värme, 6,6 TWh.

Upptagen värme från omgivningen var drygt 4 TWh och drivenergi från el drygt 2 TWh.

⁵ Nettoimport av el räknas som tillförsel.

⁶ Oljeanvändning för transporter inkluderar även etanol, cirka 0.9 TWh.

Källa: SCB. Energimyndighetens bearbetning.

¹ Preliminary figures. Due to rounding up or down of these figures, total figures may not always agree exactly with the sums of the individual items.

² Nuclear power is calculated gross in accordance with the UN/ECE method.

³ Hydropower includes wind power up to and including 1996.

⁴ Heat pumps refer to large heat pumps for district heating. Energy supply refers to heat production, 6.6 TWh. Ambient heat use amounted to over 4 TWh and driving electric energy use was just over 2 TWh.

⁵ Net import of electricity is added to the total energy supply.

⁶ Oils for transportation includes bioethanol, approximately 0.9 TWh.

Source: Statistics Sweden, data processed by the Swedish Energy Agency.

TABELL TILL FIGUR 5

Sveriges totala energianvändning 1970 – 2003, TWh
Total energy use in Sweden 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Industri | 154 | 151 | 156 | 165 | 164 | 160 | 159 | 148 | 151 | 156 | 148 | 138 | 128 | 129 | 135 |
| Industry | | | | | | | | | | | | | | | |
| Inrikes transporter | 56 | 56 | 58 | 62 | 58 | 62 | 67 | 70 | 71 | 71 | 68 | 67 | 67 | 71 | 75 |
| Domestic transport | | | | | | | | | | | | | | | |
| Bostäder, service m m | 165 | 159 | 157 | 164 | 140 | 152 | 166 | 163 | 166 | 174 | 165 | 162 | 154 | 145 | 145 |
| Residential, services etc | | | | | | | | | | | | | | | |
| Omvandlings- och distributions förluster, exkl. kärnkraft | 49 | 37 | 40 | 43 | 39 | 31 | 45 | 43 | 33 | 39 | 31 | 37 | 32 | 32 | 34 |
| Conversion and distribution losses, excl. nuclear power | | | | | | | | | | | | | | | |
| Förluster i kärnkraft¹ | 0 | 0 | 4 | 4 | 4 | 24 | 32 | 40 | 47 | 42 | 53 | 74 | 79 | 83 | 101 |
| Losses in nuclear power stations ¹ | | | | | | | | | | | | | | | |
| Utrikes sjöfart och anv för icke energiändamål | 33 | 32 | 33 | 32 | 32 | 34 | 33 | 33 | 33 | 28 | 25 | 24 | 25 | 25 | 25 |
| International marine bunkers and use for non-energy purposes | | | | | | | | | | | | | | | |
| Total användning | 457 | 436 | 448 | 470 | 437 | 463 | 501 | 497 | 500 | 510 | 489 | 502 | 485 | 485 | 515 |
| Total energy use | | | | | | | | | | | | | | | |

¹ Enligt den metod som används av FN/ECE för att beräkna tillförseln från kärnkraften.

Källa: Energimyndighetens bearbetning av EN 20 SM, SCB.

TABELL TILL FIGUR 6

Sveriges totala energitillförsel 1970 – 2003, TWh
Total energy supply in Sweden, 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Råolja och oljeprodukter | 350 | 325 | 332 | 341 | 306 | 302 | 332 | 327 | 310 | 315 | 285 | 262 | 241 | 215 | 205 |
| Crude oil and oil products | | | | | | | | | | | | | | | |
| Naturgas, stadsgas | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | 0 |
| Natural gas, gasworks gas | | | | | | | | | | | | | | | |
| Kol och koks | 18 | 17 | 17 | 19 | 21 | 22 | 21 | 17 | 18 | 21 | 19 | 17 | 19 | 24 | 29 |
| Coal and coke | | | | | | | | | | | | | | | |
| Biobränslen, torv m m | 43 | 40 | 40 | 42 | 44 | 44 | 43 | 41 | 45 | 47 | 48 | 50 | 48 | 53 | 60 |
| Biofuels, peat | | | | | | | | | | | | | | | |
| Värmepumpar i fjärrvärmeverk | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 2 |
| Heat pumps in district heating plants | | | | | | | | | | | | | | | |
| Vattenkraft, brutto¹ | 41 | 52 | 54 | 60 | 57 | 58 | 55 | 54 | 58 | 61 | 59 | 60 | 55 | 64 | 68 |
| Hydro power, gross ¹ | | | | | | | | | | | | | | | |
| Kärnkraft, brutto² | - | - | 4 | 7 | 6 | 36 | 48 | 60 | 71 | 64 | 76 | 114 | 117 | 124 | 152 |
| Nuclear power ² | | | | | | | | | | | | | | | |
| Vindkraft | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wind power | | | | | | | | | | | | | | | |
| Elimport minus elexport | 4 | 2 | 1 | 1 | 3 | 1 | 2 | -2 | -1 | 2 | 1 | -3 | 3 | 5 | 0 |
| Electricity import minus export | | | | | | | | | | | | | | | |
| Totalt tillförd energi | 457 | 436 | 448 | 470 | 437 | 463 | 501 | 497 | 500 | 510 | 489 | 502 | 485 | 485 | 515 |
| Total energy supplied | | | | | | | | | | | | | | | |

¹ Inklusive vindkraft t o m 1996

² Enligt den metod som används av FN/ECE för att beräkna tillförseln från kärnkraften.

Källa: Energimyndighetens bearbetning av EN 20 SM, SCB.

TABLE FOR FIGURE 5

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 140 | 138 | 141 | 143 | 141 | 140 | 135 | 132 | 135 | 140 | 146 | 148 | 153 | 152 | 153 | 153 | 152 | 155 | 154 |
| 76 | 79 | 81 | 85 | 86 | 83 | 81 | 82 | 80 | 82 | 84 | 83 | 83 | 86 | 89 | 87 | 89 | 91 | 96 |
| 161 | 155 | 163 | 155 | 148 | 150 | 157 | 153 | 157 | 157 | 157 | 163 | 153 | 154 | 151 | 148 | 155 | 154 | 157 |
| 40 | 42 | 40 | 40 | 37 | 37 | 38 | 37 | 36 | 44 | 42 | 50 | 42 | 47 | 42 | 43 | 45 | 48 | 47 |
| 114 | 132 | 132 | 137 | 131 | 134 | 152 | 125 | 121 | 144 | 137 | 150 | 136 | 144 | 140 | 111 | 142 | 133 | 131 |
| 23 | 28 | 29 | 28 | 27 | 31 | 28 | 31 | 30 | 33 | 33 | 33 | 38 | 41 | 36 | 38 | 42 | 40 | 40 |
| 553 | 575 | 587 | 587 | 570 | 576 | 590 | 560 | 559 | 599 | 599 | 628 | 605 | 624 | 611 | 581 | 625 | 620 | 624 |

¹ In accordance with the UN/ECE method for calculating contribution from nuclear power.

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 6

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 210 | 209 | 210 | 202 | 194 | 191 | 186 | 186 | 185 | 201 | 199 | 211 | 202 | 208 | 202 | 197 | 200 | 201 | 210 |
| 1 | 2 | 3 | 4 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| 34 | 35 | 34 | 34 | 30 | 31 | 29 | 27 | 27 | 28 | 27 | 31 | 26 | 26 | 25 | 26 | 28 | 29 | 30 |
| 63 | 65 | 65 | 67 | 66 | 67 | 70 | 72 | 75 | 79 | 85 | 88 | 90 | 91 | 90 | 91 | 94 | 99 | 103 |
| 3 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 8 | 7 | 8 | 8 | 7 |
| 71 | 61 | 72 | 70 | 72 | 73 | 63 | 74 | 75 | 59 | 68 | 52 | 69 | 75 | 72 | 79 | 79 | 66 | 53 |
| 173 | 202 | 200 | 207 | 196 | 202 | 228 | 188 | 182 | 217 | 207 | 224 | 206 | 218 | 213 | 168 | 214 | 201 | 199 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.20 | 0.31 | 0.36 | 0.46 | 0.48 | 0.61 | 0.62 |
| -2 | -5 | -4 | -3 | 0 | -2 | -1 | -2 | -1 | 0 | -2 | 6 | -3 | -11 | -7 | 5 | -7 | 5 | 13 |
| 553 | 575 | 587 | 587 | 570 | 576 | 590 | 560 | 559 | 599 | 599 | 628 | 605 | 624 | 611 | 581 | 625 | 620 | 624 |

¹ Includes wind power up until 1996.

² In accordance with the UN/ECE method for calculating contribution from nuclear power.

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABELL TILL FIGUR 7

Slutlig energianvändning inom sektorn bostäder, service m m, 1970 – 2003, TWh
Final energy use in the residential and service sector etc, 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Oljeprodukter | 118.6 | 112.9 | 109.2 | 113.4 | 90.2 | 97.4 | 103.6 | 96.4 | 95.5 | 99.0 | 87.3 | 80.1 | 68.6 | 56.7 | 50.6 |
| Oil products | | | | | | | | | | | | | | | |
| EI | 21.9 | 24.3 | 26.7 | 28.4 | 28.2 | 31.7 | 35.9 | 38.1 | 40.1 | 42.5 | 43.0 | 44.8 | 48.2 | 51.2 | 54.4 |
| Electricity | | | | | | | | | | | | | | | |
| Fjärrvärme | 12.1 | 12.8 | 14.0 | 15.1 | 14.6 | 16.6 | 20.0 | 21.3 | 22.9 | 24.1 | 24.7 | 25.4 | 25.6 | 26.1 | 27.3 |
| District heating | | | | | | | | | | | | | | | |
| Biobränslen, torv m m | 12.1 | 8.8 | 7.6 | 6.7 | 6.8 | 6.0 | 6.3 | 6.9 | 7.8 | 8.8 | 9.8 | 11.6 | 11.3 | 10.4 | 11.9 |
| Bio fuels, peat etc | | | | | | | | | | | | | | | |
| Övriga bränslen | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.9 | 0.9 |
| Other fuels | | | | | | | | | | | | | | | |
| Totalt | 164.8 | 158.7 | 157.5 | 163.6 | 139.8 | 151.8 | 165.8 | 162.8 | 166.3 | 174.4 | 164.8 | 161.9 | 153.7 | 145.4 | 145.1 |
| Total | | | | | | | | | | | | | | | |
| Totalt normalårskorrigerat | 157.8 | 163.2 | 163.8 | 159.4 | 157.3 | 162.3 | 159.4 | 165.3 | 163.8 | 165.4 | 161.2 | 159.0 | 157.0 | 151.8 | 149.9 |
| Total temperature corrected | | | | | | | | | | | | | | | |

Källa: Energimyndighetens bearbetning av EN 20 SM, SCB.

TABELL TILL FIGUR 8

Elanvändning inom sektorn bostäder, service m m, 1970 – 2002, TWh, normalårskorrigerad
Use of electricity in the residential and service sectors etc, 1970 – 2002, TWh, temperature corrected

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Elvärme | 4.7 | 5.5 | 6.4 | 7.3 | 7.6 | 9.3 | 12.1 | 13.3 | 14.5 | 16.1 | 14.0 | 14.6 | 17.3 | 20.5 | 23.0 | 23.4 |
| Electric heating | | | | | | | | | | | | | | | | |
| Hushållsel | 9.2 | 9.8 | 10.6 | 11.1 | 10.5 | 11.5 | 12.3 | 12.6 | 12.9 | 13.5 | 13.6 | 13.5 | 13.7 | 13.6 | 14.3 | 15.0 |
| Electricity for household purposes | | | | | | | | | | | | | | | | |
| Driftel | 8.4 | 9.5 | 10.3 | 10.8 | 10.4 | 11.7 | 12.8 | 13.4 | 14.1 | 14.7 | 14.9 | 16.5 | 17.6 | 18.3 | 18.1 | 22.4 |
| Electricity for common purposes | | | | | | | | | | | | | | | | |
| EI total | 22.3 | 24.8 | 27.4 | 29.2 | 28.5 | 32.5 | 37.2 | 39.4 | 41.6 | 44.3 | 42.5 | 44.6 | 48.6 | 52.4 | 55.4 | 60.9 |
| Total electricity | | | | | | | | | | | | | | | | |

Anm. Normalårskorrigerad enligt Energimyndighetens metod.

Källa: Energimyndighetens bearbetning av EN 16 SM och EN 20 SM, SCB.

TABELL TILL FIGUR 9

Slutlig energianvändning inom industrisektorn 1970 – 2003, TWh
Final energy use in industry, 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Oljeprodukter | 74.2 | 71.2 | 73.6 | 75.5 | 70.7 | 65.6 | 66.3 | 62.6 | 60.4 | 60.3 | 54.8 | 47.8 | 40.8 | 33.8 | 31.8 |
| Oil products | | | | | | | | | | | | | | | |
| Naturgas och stadsgas | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 0.1 |
| Natural gas and gasworks gas | | | | | | | | | | | | | | | |
| EI | 33.1 | 33.9 | 35.4 | 38.5 | 39.2 | 37.9 | 39.2 | 37.7 | 38.5 | 40.5 | 39.8 | 39.9 | 39.1 | 42.1 | 45.7 |
| Electricity | | | | | | | | | | | | | | | |
| Fjärrvärme | - | - | - | 0.8 | 1.1 | 1.3 | 1.7 | 1.9 | 2.2 | 2.3 | 3.1 | 3.0 | 2.7 | 2.5 | 2.6 |
| District heating | | | | | | | | | | | | | | | |
| Biobränslen, torv m m | 32.7 | 31.3 | 32.4 | 34.2 | 35.6 | 36.2 | 34.6 | 32.2 | 34.7 | 35.9 | 35.2 | 34.5 | 32.3 | 37.0 | 40.3 |
| Biofuel, peat. etc. | | | | | | | | | | | | | | | |
| Kol och koks | 14.2 | 14.7 | 14.0 | 16.0 | 17.4 | 18.9 | 17.3 | 13.9 | 14.8 | 16.6 | 14.8 | 12.4 | 12.8 | 13.6 | 14.8 |
| Coal and coke | | | | | | | | | | | | | | | |
| Totalt | 154.2 | 151.1 | 155.5 | 164.9 | 163.9 | 159.8 | 159.1 | 148.2 | 150.6 | 155.7 | 147.6 | 137.6 | 127.7 | 129.1 | 135.2 |
| Total | | | | | | | | | | | | | | | |
| Produktionsindex 1990=100 | 73 | 74 | 74 | 80 | 84 | 84 | 84 | 79 | 77 | 82 | 82 | 80 | 80 | 85 | 92 |
| Production index 1990=100 | | | | | | | | | | | | | | | |

Källa: Energimyndighetens bearbetning av EN 20 SM och EN 31 SM, SCB.

TABLE FOR FIGURE 7

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 49.4 | 44.5 | 48.0 | 45.0 | 41.5 | 41.1 | 40.4 | 37.8 | 38.0 | 37.9 | 36.2 | 36.7 | 33.4 | 32.1 | 30.4 | 26.3 | 28.2 | 26.3 | 27.3 |
| 62.9 | 63.5 | 65.8 | 64.5 | 63.9 | 65.0 | 68.9 | 67.8 | 69.4 | 70.2 | 70.4 | 71.6 | 69.6 | 69.9 | 69.1 | 69.0 | 73.1 | 72.5 | 72.3 |
| 33.9 | 33.0 | 35.3 | 32.2 | 29.9 | 30.7 | 34.3 | 34.1 | 36.4 | 36.6 | 37.1 | 41.0 | 37.6 | 39.0 | 39.3 | 37.3 | 40.6 | 41.9 | 42.4 |
| 13.8 | 13.2 | 12.1 | 11.5 | 11.0 | 11.2 | 11.2 | 11.2 | 11.2 | 10.5 | 11.3 | 11.6 | 11.0 | 10.8 | 10.2 | 10.3 | 10.8 | 11.1 | 12.4 |
| 1.0 | 1.2 | 1.5 | 1.6 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 | 1.9 | 2.0 | 2.1 | 2.2 |
| 161.0 | 155.4 | 162.7 | 154.7 | 148.0 | 149.8 | 156.6 | 152.6 | 156.7 | 156.9 | 156.9 | 162.9 | 153.5 | 153.8 | 151.0 | 148.5 | 154.7 | 153.9 | 156.5 |
| 151.7 | 153.3 | 155.1 | 157.9 | 160.0 | 162.4 | 161.4 | 159.9 | 160.6 | 160.5 | 157.8 | 159.0 | 156.3 | 157.9 | 156.8 | 160.9 | 158.6 | 158.6 | 159.0 |

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 8

| 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 25.8 | 26.6 | 27.0 | 26.4 | 29.0 | 27.6 | 28.2 | 27.5 | 26.9 | 25.6 | 26.3 | 26.8 | 24.9 | 22.8 | 24.3 | 23.1 | 23.2 |
| 15.8 | 16.4 | 16.9 | 17.6 | 17.9 | 18.7 | 18.7 | 19.0 | 18.3 | 19.7 | 19.3 | 18.6 | 19.4 | 16.9 | 17.7 | 19.2 | 19.5 |
| 21.4 | 21.0 | 21.4 | 22.7 | 21.3 | 23.8 | 22.8 | 23.9 | 25.9 | 25.4 | 25.0 | 24.9 | 26.7 | 30.7 | 29.9 | 31.8 | 31.0 |
| 63.0 | 64.0 | 65.2 | 66.7 | 68.2 | 70.1 | 69.7 | 70.4 | 71.1 | 70.7 | 70.6 | 70.3 | 70.9 | 70.4 | 71.8 | 74.0 | 73.6 |

Note. Temperature correction according to the method used by the Swedish Energy Agency.

Source: Statistics Sweden, EN 16 SM and EN 20 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 9

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 30.9 | 28.7 | 27.0 | 24.0 | 22.2 | 20.8 | 18.2 | 17.4 | 19.0 | 21.7 | 22.9 | 24.3 | 25.8 | 24.1 | 24.0 | 21.61 | 20.2 | 19.8 | 22.4 |
| 0.8 | 1.7 | 2.0 | 2.3 | 2.8 | 3.2 | 3.0 | 3.1 | 2.8 | 2.8 | 2.9 | 3.1 | 3.2 | 3.2 | 3.6 | 3.4 | 3.8 | 3.6 | 3.6 |
| 48.0 | 47.9 | 51.0 | 52.9 | 53.4 | 53.0 | 50.7 | 49.7 | 49.4 | 49.8 | 51.3 | 51.5 | 52.7 | 53.9 | 54.5 | 56.9 | 56.2 | 55.7 | 54.9 |
| 3.4 | 3.6 | 4.0 | 4.0 | 3.3 | 3.6 | 3.6 | 3.4 | 3.8 | 3.9 | 4.0 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 4.5 | 4.6 | 7.5 |
| 40.8 | 40.9 | 41.9 | 43.4 | 43.3 | 42.8 | 44.4 | 44.3 | 45.7 | 46.6 | 49.1 | 48.7 | 51.5 | 51.8 | 52.2 | 51.7 | 50.6 | 54.0 | 48.6 |
| 15.6 | 15.5 | 15.2 | 16.0 | 16.3 | 16.9 | 15.1 | 14.5 | 14.7 | 15.1 | 15.8 | 16.0 | 15.3 | 15.0 | 14.6 | 15.6 | 16.7 | 17.1 | 16.6 |
| 139.5 | 138.4 | 141.1 | 142.6 | 141.3 | 140.2 | 135.0 | 132.4 | 135.3 | 139.8 | 146.0 | 147.9 | 152.7 | 152.1 | 153.0 | 153.2 | 151.8 | 154.8 | 153.6 |
| 93 | 95 | 97 | 100 | 101 | 100 | 94 | 91 | 92 | 106 | 119 | 123 | 133 | 143 | 156 | 170 | 165 | 172 | 175 |

Source: Statistics Sweden, EN 20 SM and EN 31 SM, processed by the Swedish Energy Agency.

TABELL TILL FIGUR 10

Industrins specifika oljeanvändning 1970 – 2003, kWh per krona produktionsvärde, 1991 års priser
Specific use of oil in industry, 1970 – 2003, kWh per SEK of production value, 1991 price levels

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Massa- och pappersindustri | 0.507 | 0.475 | 0.467 | 0.443 | 0.387 | 0.372 | 0.377 | 0.380 | 0.352 | 0.323 | 0.289 | 0.252 | 0.218 | 0.150 | 0.129 |
| Pulp and paper industry | | | | | | | | | | | | | | | |
| Järn- och stålverk | 0.330 | 0.320 | 0.337 | 0.336 | 0.312 | 0.322 | 0.305 | 0.320 | 0.302 | 0.256 | 0.232 | 0.197 | 0.164 | 0.146 | 0.132 |
| Iron and steelworks | | | | | | | | | | | | | | | |
| Kemisk industri | 0.134 | 0.117 | 0.111 | 0.100 | 0.087 | 0.086 | 0.089 | 0.091 | 0.088 | 0.091 | 0.085 | 0.081 | 0.072 | 0.058 | 0.052 |
| Chemical industry | | | | | | | | | | | | | | | |
| Verkstadsindustri | 0.039 | 0.037 | 0.037 | 0.036 | 0.029 | 0.030 | 0.033 | 0.032 | 0.034 | 0.031 | 0.028 | 0.026 | 0.022 | 0.018 | 0.016 |
| Mechanical engineering industry | | | | | | | | | | | | | | | |
| Industrin totalt | 0.122 | 0.117 | 0.118 | 0.114 | 0.102 | 0.096 | 0.096 | 0.095 | 0.093 | 0.087 | 0.080 | 0.072 | 0.061 | 0.050 | 0.045 |
| Industry total | | | | | | | | | | | | | | | |

Anm. Från och med 1993 är produktionsvärden hämtade från SCB:s omlagda nationalräkenskaper varför data från och med 1993 ej är helt jämförbara med tidigare serier. Uppgifter har reviderats jämfört med tidigare upplaga.

Källa: SBC, Energimyndighetens bearbetning

TABELL TILL FIGUR 11

Industrins specifika elanvändning 1970 – 2003, kWh per krona produktionsvärde, 1991 års priser
Specific electricity use in industry 1970 – 2003, kWh per SEK of production value, 1991 price levels

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Massa- och pappersindustri | 0.212 | 0.218 | 0.226 | 0.225 | 0.218 | 0.239 | 0.239 | 0.247 | 0.244 | 0.240 | 0.237 | 0.244 | 0.245 | 0.248 | 0.262 |
| Pulp and paper industry | | | | | | | | | | | | | | | |
| Järn- och stålverk | 0.182 | 0.181 | 0.183 | 0.179 | 0.171 | 0.182 | 0.191 | 0.197 | 0.186 | 0.167 | 0.173 | 0.182 | 0.171 | 0.166 | 0.170 |
| Iron and steelworks | | | | | | | | | | | | | | | |
| Kemisk industri | 0.128 | 0.122 | 0.113 | 0.113 | 0.109 | 0.117 | 0.110 | 0.108 | 0.108 | 0.105 | 0.101 | 0.100 | 0.097 | 0.100 | 0.102 |
| Chemical industry | | | | | | | | | | | | | | | |
| Verkstadsindustri | 0.015 | 0.016 | 0.016 | 0.016 | 0.015 | 0.015 | 0.017 | 0.018 | 0.019 | 0.019 | 0.018 | 0.019 | 0.019 | 0.019 | 0.019 |
| Mechanical engineering industry | | | | | | | | | | | | | | | |
| Industrin totalt | 0.055 | 0.056 | 0.057 | 0.059 | 0.057 | 0.056 | 0.057 | 0.058 | 0.060 | 0.059 | 0.058 | 0.060 | 0.059 | 0.061 | 0.063 |
| Industry total | | | | | | | | | | | | | | | |
| Exklusive elpannor | - | - | - | - | - | - | - | - | - | - | - | 0.059 | 0.058 | 0.059 | 0.061 |
| Excluding electric boilers | | | | | | | | | | | | | | | |

Anm. Från och med 1993 är produktionsvärden hämtade från SCB:s omlagda nationalräkenskaper varför data från och med 1993 ej är helt jämförbara med tidigare serier. Uppgifter har reviderats jämfört med tidigare upplaga.

Källa: SBC, Energimyndighetens bearbetning

TABLE FOR FIGURE 10

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.129 | 0.129 | 0.107 | 0.085 | 0.079 | 0.072 | 0.054 | 0.049 | 0.059 | 0.076 | 0.083 | 0.095 | 0.083 | 0.074 | 0.070 | 0.064 | 0.066 | 0.067 | 0.085 |
| 0.129 | 0.122 | 0.119 | 0.111 | 0.103 | 0.089 | 0.096 | 0.098 | 0.087 | 0.086 | 0.078 | 0.090 | 0.076 | 0.088 | 0.082 | 0.075 | 0.079 | 0.082 | 0.085 |
| 0.046 | 0.031 | 0.025 | 0.021 | 0.019 | 0.017 | 0.018 | 0.018 | 0.020 | 0.017 | 0.016 | 0.018 | 0.015 | 0.013 | 0.012 | 0.016 | 0.010 | 0.011 | 0.015 |
| 0.016 | 0.014 | 0.013 | 0.011 | 0.010 | 0.009 | 0.009 | 0.008 | 0.009 | 0.008 | 0.006 | 0.007 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.003 | 0.003 |
| 0.043 | 0.039 | 0.036 | 0.031 | 0.029 | 0.026 | 0.024 | 0.024 | 0.025 | 0.025 | 0.023 | 0.024 | 0.021 | 0.020 | 0.018 | 0.015 | 0.015 | 0.016 | 0.017 |

Note: With effect from 1993 production data have been based on Statistics Sweden's revised national accounts, which means that data from 1993 and later are not totally comparable to earlier series. Some figures have been revised since the previous edition.

Source: Statistics Sweden, data processed by the Swedish Energy Agency.

TABLE FOR FIGURE 11

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.266 | 0.257 | 0.267 | 0.275 | 0.283 | 0.288 | 0.278 | 0.275 | 0.269 | 0.252 | 0.263 | 0.258 | 0.268 | 0.274 | 0.268 | 0.261 | 0.263 | 0.250 | 0.285 |
| 0.171 | 0.163 | 0.156 | 0.149 | 0.139 | 0.130 | 0.135 | 0.136 | 0.121 | 0.109 | 0.107 | 0.116 | 0.102 | 0.114 | 0.109 | 0.111 | 0.112 | 0.102 | 0.097 |
| 0.104 | 0.107 | 0.099 | 0.098 | 0.100 | 0.097 | 0.086 | 0.084 | 0.075 | 0.072 | 0.073 | 0.066 | 0.067 | 0.062 | 0.060 | 0.056 | 0.063 | 0.059 | 0.056 |
| 0.019 | 0.019 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.023 | 0.023 | 0.019 | 0.016 | 0.016 | 0.014 | 0.013 | 0.011 | 0.010 | 0.011 | 0.010 | 0.010 |
| 0.063 | 0.062 | 0.064 | 0.066 | 0.065 | 0.064 | 0.066 | 0.068 | 0.066 | 0.059 | 0.055 | 0.053 | 0.051 | 0.049 | 0.046 | 0.044 | 0.045 | 0.043 | 0.042 |
| 0.062 | 0.061 | 0.062 | 0.063 | 0.063 | 0.061 | 0.063 | 0.064 | 0.063 | 0.058 | 0.053 | - | - | - | - | - | - | - | - |

Note: With effect from 1993 production data have been based on Statistics Sweden's revised national accounts, which means that data from 1993 and later are not totally comparable to earlier series. Some figures have been revised since the previous edition.

Source: Statistics Sweden, data processed by the Swedish Energy Agency.

TABELL TILL FIGUR 13

Slutlig energianvändning i transportsektorn 1970 – 2003, inklusive utrikes sjöfart, TWh
Final energy use in the transport sector 1970 – 2003, including international marine bunkers, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bensin | 33 | 33.7 | 35.1 | 37.1 | 34.2 | 38.2 | 40.4 | 42.0 | 43.1 | 42.9 | 41.4 | 40.8 | 41.1 | 41.8 | 43.5 |
| Petrol | | | | | | | | | | | | | | | |
| Diesel/Eo1 | 14.3 | 14.0 | 14.3 | 15.1 | 15.3 | 15.7 | 17.8 | 18.6 | 18.1 | 18.8 | 17.2 | 16.7 | 16.5 | 19.2 | 20.2 |
| Diesel/gas oil | | | | | | | | | | | | | | | |
| EI | 2.1 | 1.9 | 2.0 | 2.1 | 2.1 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.5 |
| Electricity | | | | | | | | | | | | | | | |
| Bunkerolja | 13.9 | 13.7 | 14.6 | 13.3 | 14.2 | 13.0 | 14.8 | 13.1 | 12.8 | 10.3 | 10.0 | 7.6 | 6.5 | 6.5 | 6.1 |
| Bunkers oils | | | | | | | | | | | | | | | |
| Eo 2-5 | 1.0 | 0.5 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.7 | 0.5 | 0.6 | 1.1 | 1.6 |
| Medium/heavy fuel oils | | | | | | | | | | | | | | | |
| Flygbränsle m m | 6.0 | 5.8 | 6.6 | 7.0 | 6.2 | 6.1 | 6.4 | 6.7 | 6.9 | 6.6 | 6.5 | 6.8 | 7.0 | 6.3 | 6.7 |
| Aviation fuels etc | | | | | | | | | | | | | | | |
| Naturgas inkl gasol | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 |
| Natural gas, including LPG | | | | | | | | | | | | | | | |
| Etanol | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ethanol | | | | | | | | | | | | | | | |
| Totalt | 70.2 | 69.7 | 72.8 | 74.9 | 72.3 | 75.4 | 81.9 | 82.7 | 83.5 | 81.2 | 78.0 | 74.6 | 74.0 | 77.4 | 80.7 |
| Total | | | | | | | | | | | | | | | |

Källa: Energimyndighetens bearbetning av EN 20 SM och 401, SCB.

TABELL TILL FIGUR 14

Sveriges elanvändning per sektor 1970 – 2003, TWh
Use of electricity in Sweden 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|------------------------------|-------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Industri | 33.0 | 33.9 | 35.5 | 38.5 | 39.2 | 38.0 | 39.2 | 37.7 | 38.5 | 40.5 | 39.8 | 39.8 | 39.1 | 42.1 | 45.7 |
| Industry | | | | | | | | | | | | | | | |
| Transporter | 2.1 | 1.9 | 2.0 | 2.1 | 2.1 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.5 |
| Transport | | | | | | | | | | | | | | | |
| Bostäder, service m m | 22.0 | 24.3 | 26.7 | 28.4 | 28.2 | 31.7 | 35.9 | 38.1 | 40.1 | 42.5 | 43.0 | 44.8 | 48.2 | 51.2 | 54.4 |
| Residential, services etc | | | | | | | | | | | | | | | |
| Fjärrvärme, raffinaderier | 0.6 | 0.6 | 0.7 | 0.8 | 0.7 | 0.8 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | 2.0 | 2.8 | 5.7 | 7.3 |
| District heating, refineries | | | | | | | | | | | | | | | |
| Distributionsförluster | 5.8 | 6.3 | 6.9 | 7.7 | 6.6 | 7.4 | 8.3 | 7.1 | 8.0 | 7.9 | 8.2 | 8.6 | 7.7 | 9.2 | 10.1 |
| Distribution losses | | | | | | | | | | | | | | | |
| Total anv netto | 63.4 | 67 | 71.7 | 77.5 | 76.8 | 79.9 | 86.6 | 86.1 | 89.8 | 94.3 | 94.5 | 97.5 | 100.0 | 110.7 | 120.0 |
| Total net use | | | | | | | | | | | | | | | |

Källa: Energimyndighetens bearbetning av EN 20 SM, SCB.

TABLE FOR FIGURE 13

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 43.9 | 46.1 | 47.9 | 49.7 | 51.5 | 48.8 | 49.8 | 50.9 | 48.4 | 49.0 | 49.9 | 49.3 | 48.3 | 47.0 | 47.2 | 46.5 | 48.7 | 49.4 | 49.2 |
| 20.8 | 20.9 | 21.5 | 22.7 | 21.4 | 21.2 | 19.6 | 19.0 | 19.1 | 20.2 | 20.8 | 21.0 | 21.5 | 26.3 | 26.8 | 26.1 | 26.6 | 27.8 | 33.3 |
| 2.6 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.4 | 2.5 | 2.3 | 2.5 | 2.7 | 3.1 | 3.0 | 2.8 | 3.0 | 3.2 | 2.9 | 2.9 | 2.8 |
| 6.6 | 7.6 | 9.3 | 7.8 | 8.0 | 7.9 | 9.4 | 10.7 | 10.7 | 12.6 | 12.4 | 13.1 | 15.6 | 17.8 | 17.4 | 16.9 | 16.2 | 14.3 | 19.2 |
| 1.8 | 1.7 | 1.2 | 1.1 | 1.1 | 0.7 | 0.6 | 0.5 | 0.3 | 0.2 | 0.2 | 0.1 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.8 |
| 6.4 | 7.6 | 8.0 | 8.9 | 9.9 | 10.3 | 9.0 | 9.5 | 9.7 | 9.8 | 9.9 | 9.8 | 10.1 | 9.6 | 10.9 | 10.8 | 10.2 | 9.3 | 9.1 |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 0.2 | 0.5 | 0.9 |
| 82.3 | 86.6 | 90.7 | 92.9 | 94.4 | 91.4 | 90.7 | 93.1 | 90.6 | 94.3 | 95.9 | 96.6 | 98.9 | 104.0 | 105.9 | 104.3 | 105.3 | 104.8 | 115.4 |

Source: Statistics Sweden. EN 20 SM and 401, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 14

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 48.0 | 47.9 | 51.0 | 52.9 | 53.4 | 53.0 | 50.7 | 49.7 | 49.4 | 49.8 | 51.3 | 51.5 | 52.7 | 53.9 | 54.5 | 56.9 | 56.2 | 55.7 | 54.9 |
| 2.6 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.4 | 2.5 | 2.3 | 2.5 | 2.7 | 3.1 | 3.0 | 2.8 | 3.0 | 3.2 | 2.9 | 2.9 | 2.8 |
| 62.9 | 63.5 | 65.8 | 64.5 | 63.9 | 65.0 | 68.9 | 67.8 | 69.4 | 70.2 | 70.4 | 71.6 | 69.6 | 69.9 | 69.1 | 69.0 | 73.1 | 72.5 | 72.3 |
| 6.4 | 5.3 | 7.8 | 9.0 | 9.1 | 10.3 | 10.3 | 10.0 | 9.5 | 7.2 | 7.8 | 6.3 | 6.8 | 6.6 | 6.3 | 6.5 | 6.3 | 5.7 | 4.2 |
| 10.9 | 9.7 | 10.2 | 9.6 | 9.4 | 9.1 | 8.8 | 9.7 | 10.0 | 9.0 | 10.1 | 10.2 | 10.7 | 10.9 | 10.6 | 11.1 | 11.9 | 11.8 | 10.9 |
| 130.8 | 129.0 | 137.4 | 138.5 | 138.4 | 139.9 | 141.1 | 139.6 | 140.6 | 138.7 | 142.4 | 142.7 | 142.6 | 144.0 | 143.5 | 146.6 | 150.4 | 148.6 | 145.1 |

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABELL TILL FIGURER 15 OCH 19

Sveriges elproduktion 1970 – 2003, TWh. Electricity production in Sweden 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|
| Vattenkraft ¹ | 40.9 | 51.4 | 53.1 | 59.2 | 56.6 | 57.0 | 54.2 | 52.8 | 57.1 | 60.3 | 58.0 | 58.8 | 54.1 | 62.6 | 66.9 |
| Hydro power ¹ | | | | | | | | | | | | | | | |
| Vindkraft (fr om 1997) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wind power (from 1997) | | | | | | | | | | | | | | | |
| Kärnkraft | 0.0 | 0.1 | 1.4 | 2.0 | 1.9 | 11.4 | 15.2 | 19.0 | 22.7 | 20.1 | 25.3 | 36.0 | 37.3 | 39.1 | 48.5 |
| Nuclear power | | | | | | | | | | | | | | | |
| Kraftvärme i industrin | 3.1 | 2.8 | 3.0 | 3.6 | 3.8 | 3.3 | 3.3 | 3.4 | 4.0 | 4.3 | 4.0 | 2.6 | 2.4 | 2.4 | 2.5 |
| Industrial back-pressure power | | | | | | | | | | | | | | | |
| Kraftvärme | 2.4 | 2.4 | 2.5 | 2.7 | 3.1 | 3.3 | 3.9 | 4.6 | 5.2 | 5.0 | 5.6 | 2.2 | 2.6 | 1.5 | 1.7 |
| Combined heat and power | | | | | | | | | | | | | | | |
| Kondenskraft | 12.0 | 8.4 | 10.0 | 8.9 | 8.1 | 3.5 | 7.3 | 7.5 | 1.1 | 2.6 | 0.9 | 0.3 | 0.2 | 0.1 | 0.0 |
| Cold condensing power | | | | | | | | | | | | | | | |
| Gasturbiner | 0.7 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 |
| Gas turbines | | | | | | | | | | | | | | | |
| Total nettoproduktion | 59.1 | 65.1 | 70.1 | 76.4 | 73.5 | 78.6 | 84.1 | 87.4 | 90.3 | 92.4 | 94.0 | 100.1 | 96.7 | 105.7 | 119.6 |
| Total net production | | | | | | | | | | | | | | | |
| Import minus export | 4.3 | 1.9 | 1.6 | 1.1 | 3.3 | 1.3 | 2.5 | -1.4 | -0.5 | 1.9 | 0.5 | -2.6 | 3.5 | 4.9 | 0.4 |
| Import minus export | | | | | | | | | | | | | | | |

¹ Vindkraften ingår i serien t o m år 1996

Källa: Energimyndighetens bearbetning av EN 20 SM, SCB.

TABELL TILL FIGUR 16

Vindkraftens utveckling, 1982 – 2003. Wind power development, 1982 – 2003

| | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Antal verk (st) | 1 | 3 | 4 | 4 | 4 | 6 | 16 | 20 | 31 | 52 | 86 | 129 | 157 | 219 | 303 |
| No. of wind power plants | | | | | | | | | | | | | | | |
| Installerad effekt (MW) | 3 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | 8 | 9 | 16 | 26 | 38 | 67 | 102 |
| Installed capacity (MW) | | | | | | | | | | | | | | | |
| Elproduktion (GWh) ¹ | 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 0.6 | 1.3 | 2.7 | 5.6 | 11 | 27 | 47 | 75 | 106 | 146 |
| Electricity production (GWh) ¹ | | | | | | | | | | | | | | | |

¹ Statistik för elproduktion från vindkraft i tabeller till figur 6 och 16 skiljer sig åt mellan Elforsk, som är en totalundersökning, och SCB EN 20 SM som är en urvalsundersökning.

Källa: Elforsk, Energimyndighetens bearbetning.

TABELL TILL FIGUR 17

Insatt bränsle för elproduktion (exkl. kärnbränsle), 1983 – 2003, GWh. Fuel supply for electricity production (excl. nuclear fuel), 1983 – 2003, GWh

| | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
|--|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Olja | 3 537 | 1 939 | 4 838 | 4 342 | 3 745 | 2 918 | 1 898 | 1 531 | 2 755 | 3 659 | 4 176 | 5 916 | 5 225 |
| Oil | | | | | | | | | | | | | |
| Gasol | | 93 | 81 | 81 | 116 | 221 | 195 | 384 | 279 | 234 | 395 | 334 | 406 |
| LPG | | | | | | | | | | | | | |
| Naturgas | | 0 | 0 | 54 | 86 | 108 | 399 | 302 | 464 | 583 | 843 | 962 | 884 |
| Natural gas | | | | | | | | | | | | | |
| Biobränslen | 1 989 | 2 617 | 2 291 | 2 314 | 2 291 | 2 373 | 2 605 | 2 454 | 2 496 | 2 966 | 3 038 | 3 117 | 3 338 |
| Biofuels | | | | | | | | | | | | | |
| Kol inkl koks- och masugns gas | 1 394 | 2 086 | 3 431 | 3 327 | 3 227 | 3 280 | 2 486 | 2 378 | 3 213 | 3 344 | 3 602 | 4 385 | 3 758 |
| Coal, coke-oven gas, blast-furnace gas | | | | | | | | | | | | | |
| Totalt | 7 013 | 6 723 | 10 694 | 10 186 | 9 592 | 9 165 | 7 675 | 7 107 | 9 281 | 11 207 | 12 112 | 14 709 | 13 485 |
| Total | | | | | | | | | | | | | |

Källa: Energimyndighetens bearbetning av EN 20 SM, SCB.

TABLE FOR FIGURES 15 AND 19

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 69.8 | 59.9 | 70.7 | 68.8 | 70.8 | 71.4 | 62.3 | 73.3 | 73.6 | 58.3 | 67.3 | 51.2 | 68.2 | 73.8 | 70.9 | 77.8 | 78.4 | 65.8 | 52.8 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 |
| 55.8 | 66.9 | 64.3 | 66.3 | 62.7 | 65.2 | 73.5 | 60.8 | 58.8 | 70.1 | 67.0 | 71.4 | 66.9 | 70.5 | 70.2 | 54.8 | 69.2 | 65.6 | 65.5 |
| 2.4 | 2.8 | 2.8 | 2.9 | 2.8 | 2.6 | 2.9 | 3.1 | 3.5 | 3.8 | 3.8 | 4.0 | 4.2 | 4.0 | 3.9 | 4.2 | 3.9 | 4.6 | 5.2 |
| 3.7 | 3.6 | 3.4 | 2.9 | 2.4 | 2.4 | 3.7 | 4.3 | 5.0 | 5.9 | 5.8 | 7.1 | 5.6 | 6.0 | 5.6 | 4.7 | 5.6 | 6.3 | 7.6 |
| 0.5 | 0.4 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.2 | 0.2 | 0.1 | 2.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.6 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.3 | 133.7 | 141.5 | 141.1 | 138.9 | 141.7 | 142.4 | 141.8 | 141.2 | 138.5 | 144.1 | 136.6 | 145.3 | 154.7 | 151.0 | 142.0 | 157.7 | 143.2 | 132.3 |
| -1.5 | -4.7 | -4.2 | -2.6 | -0.5 | -1.8 | -1.3 | -2.2 | -0.6 | 0.3 | -1.7 | 6.1 | -2.7 | -10.7 | -7.5 | 4.7 | -7.3 | 5.4 | 12.8 |

¹ Wind power is included in the series up and until year 1996.

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 16

| 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|
| 334 | 428 | 486 | 527 | 570 | 620 | 682 |
| 121 | 178 | 220 | 241 | 295 | 345 | 404 |
| 206 | 318 | 373 | 447 | 482 | 609 | 679 |

¹ Statistics for electricity production from wind power in table to figure 6 and 16 differs between Elforsk, which is based on a total statistical survey, and SCB EN 20 SM which is based on a statistical sample.

Source: Swedish Electricity Utilities R&D company, data processed by the Swedish Energy Agency.

TABLE FOR FIGURE 17

| 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 12 666 | 5 344 | 4 970 | 4 208 | 3 273 | 3 236 | 4 404 | 5 627 |
| 251 | 276 | 250 | 306 | 323 | 2 | 4 | 249 |
| 651 | 681 | 583 | 543 | 515 | 441 | 689 | 764 |
| 3 349 | 3 908 | 3 954 | 3 532 | 4 913 | 4 868 | 5 237 | 5 688 |
| 7 290 | 3 695 | 4 361 | 4 317 | 3 657 | 4 231 | 4 953 | 6 006 |
| 24 207 | 13 903 | 14 118 | 12 906 | 12 680 | 12 808 | 15 288 | 18 333 |

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABELL TILL FIGUR 21

Elproduktion per invånare med relativ fördelning på kraftslag 2002, kWh/invånare
Specific electricity production per inhabitant, breakdown by power source 2002, kWh/person

| | Norge Norway | Island Iceland | Kanada Canada | Sverige Sweden | Finland Finland | USA USA | Japan Japan | Belgien Belgium | Schweiz Switzerl. |
|--|-----------------|-------------------|------------------|-------------------|--------------------|------------|----------------|--------------------|----------------------|
| Vattenkraft m m ¹ Hydro power etc ¹ | 28 584 | 29 000 | 11 179 | 7 522 | 2 085 | 989 | 750 | 150 | 5 067 |
| Kärnkraft Nuclear power | 0 | 0 | 2 405 | 7 568 | 4 288 | 2 799 | 2 316 | 4 585 | 3 735 |
| Fossilkraft Fossil-fired power | 104 | 34 | 5 306 | 814 | 6 083 | 9 943 | 5 343 | 3 049 | 130 |
| Biobränsle och avfall Biofuel and waste | 81 | 0 | 260 | 451 | 1 948 | 245 | 200 | 161 | 209 |
| Total bruttoproduktion Total gross power production | 28 769 | 29 034 | 19 150 | 16 355 | 14 404 | 13 976 | 8 609 | 7 945 | 9 141 |
| Import-Export Import-Export | -2 137 | 0 | -637 | 594 | 2 308 | 76 | 0 | 736 | -617 |
| Total elanvändning Total electricity use | 26 632 | 29 034 | 18 513 | 16 948 | 16 712 | 14 052 | 8 609 | 8 681 | 8 524 |

¹ I vattenkraft m m. ingår vindkraft, solex och geotermisk el.

Källa: Electricity information 2004 IEA/OECD, Energimyndighetens bearbetning.

TABELL TILL FIGUR 22

Användning av fjärrvärme 1970 – 2003, TWh
Use of district heating 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Industri Industry | - | - | - | 0.8 | 1.1 | 1.3 | 1.7 | 1.9 | 2.2 | 2.3 | 3.1 | 3.0 | 2.7 | 2.5 | 2.6 |
| Bostäder, service m m Residential, service etc | 12.1 | 12.8 | 14.0 | 15.1 | 14.6 | 16.6 | 20.0 | 21.3 | 22.9 | 24.1 | 24.7 | 25.4 | 25.6 | 26.1 | 27.3 |
| Slutlig användning Final use | 12.1 | 12.8 | 14.0 | 15.9 | 15.7 | 17.9 | 21.7 | 23.2 | 25.1 | 26.4 | 27.8 | 28.4 | 28.3 | 28.6 | 29.9 |
| Förluster Losses | 2.4 | 3.1 | 3.4 | 3.9 | 4.2 | 4.3 | 5.6 | 5.4 | 5.9 | 6.2 | 6.7 | 7.6 | 7.7 | 6.6 | 7.0 |
| Total användning Total | 14.6 | 15.9 | 17.4 | 19.8 | 19.9 | 22.2 | 27.3 | 28.7 | 31.0 | 32.7 | 34.5 | 36.0 | 36.1 | 35.2 | 36.9 |

Källa: Energimyndighetens bearbetning av EN 20 SM. SCB.

TABELL TILL FIGUR 23

Tillförd energi i fjärrvärme uppdelat på energibärare 1970 – 2003, TWh
Supply of district heating, breakdown by energy source 1970 – 2003, TWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Olja Oil | 14.3 | 15.5 | 17.0 | 18.5 | 18.6 | 20.8 | 25.8 | 26.9 | 28.7 | 29.9 | 30.9 | 29.5 | 26.8 | 18.7 | 13.3 |
| Naturlgas inkl gasol Natural gas. including LPG | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0.3 |
| Energikol inkl hyttgas Coal, including blast furnace gas | - | - | - | 0.4 | 0.4 | 0.2 | 0.0 | 0.1 | 0.4 | 0.5 | 0.4 | 1.2 | 2.4 | 6.2 | 9.0 |
| Biobränslen, torv m m Biofuels, peat etc. | 0.3 | 0.3 | 0.3 | 0.8 | 0.9 | 1.0 | 1.3 | 1.4 | 1.6 | 1.8 | 2.3 | 2.7 | 3.4 | 3.9 | 5.0 |
| Elpannor Electric boilers | - | - | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.8 | 1.6 | 4.3 | 5.3 |
| Värmepumpar Heat pumps | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 0.7 | 1.9 |
| Spillvärme m m Waste heat | - | - | - | - | - | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.6 | 1.4 | 1.3 | 1.5 | 2.0 |
| Total tillförsel / Total | 14.6 | 15.9 | 17.4 | 19.8 | 19.9 | 22.2 | 27.3 | 28.7 | 31.0 | 32.7 | 34.5 | 36.0 | 36.1 | 35.2 | 36.9 |

Källa: Energimyndighetens bearbetning av EN 20 SM. SCB.

TABLE FOR FIGURE 21

| Frankrike France | Danmark Denmark | Tyskland Germany | Nederl. Netherl. | England England | Spanien Spain | Italien Italy | EU-15 totalt EU-15 total | OECD totalt OECD total |
|---------------------|--------------------|---------------------|---------------------|--------------------|------------------|------------------|-----------------------------|---------------------------|
| 1 089 | 914 | 532 | 79 | 147 | 866 | 932 | 923 | 1 209 |
| 7 133 | 0 | 1 999 | 243 | 1 487 | 1 554 | 0 | 2 345 | 1 987 |
| 868 | 5 916 | 4 243 | 5 368 | 4 814 | 3 537 | 3 923 | 3 616 | 5 239 |
| 57 | 465 | 157 | 253 | 91 | 111 | 60 | 148 | 147 |
| 9 148 | 7 296 | 6 931 | 5 943 | 6 538 | 6 069 | 4 916 | 7 031 | 8 582 |
| -1 256 | -390 | 121 | 1 015 | 142 | 131 | 872 | 121 | 16 |
| 7 892 | 6 905 | 7 052 | 6 959 | 6 680 | 6 200 | 5 788 | 7 152 | 8 599 |

¹ The figures for hydro power etc. include wind power, solar electricity and geothermal electricity.

Source: Electricity information 2004 IEA/OECD, data processed by the Swedish Energy Agency.

TABLE FOR FIGURE 22

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 3.4 | 3.6 | 4.0 | 4.0 | 3.3 | 3.6 | 3.6 | 3.4 | 3.8 | 3.9 | 4.0 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 4.5 | 4.6 | 7.5 |
| 33.9 | 33.0 | 35.3 | 32.2 | 29.9 | 30.7 | 34.3 | 34.1 | 36.4 | 36.6 | 37.1 | 41.0 | 37.6 | 39.0 | 39.3 | 37.3 | 40.6 | 41.9 | 42.4 |
| 37.3 | 36.6 | 39.3 | 36.1 | 33.3 | 34.3 | 37.9 | 37.5 | 40.2 | 40.5 | 41.2 | 45.4 | 41.9 | 43.2 | 43.4 | 41.4 | 45.1 | 46.4 | 49.9 |
| 8.3 | 8.5 | 8.3 | 8.1 | 7.1 | 6.8 | 6.9 | 6.9 | 6.4 | 7.2 | 7.7 | 8.9 | 6.8 | 9.1 | 5.0 | 4.5 | 5.8 | 5.3 | 6.4 |
| 45.6 | 45.1 | 47.6 | 44.2 | 40.4 | 41.1 | 44.8 | 44.4 | 46.6 | 47.6 | 48.9 | 54.3 | 48.7 | 52.3 | 48.4 | 45.8 | 50.9 | 51.7 | 56.2 |

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 23

| 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 17.8 | 13.9 | 11.8 | 7.5 | 4.9 | 3.6 | 5.1 | 4.8 | 5.7 | 7.1 | 6.0 | 9.2 | 5.5 | 6.8 | 4.7 | 2.9 | 4.1 | 4.4 | 5.0 |
| 0.1 | 0.3 | 0.5 | 0.8 | 1.7 | 2.5 | 3.1 | 3.7 | 3.7 | 3.9 | 3.9 | 4.0 | 3.8 | 4.1 | 3.4 | 2.5 | 3.2 | 3.3 | 3.0 |
| 11.8 | 12.9 | 12.7 | 11.8 | 8.9 | 8.2 | 7.7 | 6.7 | 6.1 | 5.2 | 4.5 | 5.0 | 4.0 | 3.5 | 2.8 | 2.4 | 2.0 | 2.1 | 2.0 |
| 6.6 | 8.5 | 9.2 | 9.5 | 9.5 | 10.4 | 12.4 | 13.4 | 15.6 | 18.5 | 21.0 | 24.8 | 23.9 | 24.9 | 23.6 | 23.8 | 27.4 | 28.6 | 35.4 |
| 3.8 | 1.9 | 3.7 | 4.9 | 5.2 | 6.3 | 6.2 | 5.8 | 5.0 | 2.8 | 3.4 | 1.7 | 2.2 | 1.7 | 1.5 | 2.1 | 1.7 | 1.3 | 0.5 |
| 3.2 | 5.3 | 6.9 | 6.9 | 6.8 | 7.1 | 7.4 | 6.9 | 7.2 | 6.9 | 7.0 | 6.9 | 6.1 | 7.4 | 7.5 | 7.5 | 7.6 | 7.7 | 6.6 |
| 2.3 | 2.4 | 2.7 | 2.8 | 3.3 | 3.0 | 3.0 | 3.1 | 3.3 | 3.3 | 3.2 | 2.8 | 3.3 | 3.9 | 4.8 | 4.6 | 4.9 | 4.3 | 3.7 |
| 45.6 | 45.1 | 47.6 | 44.2 | 40.4 | 41.1 | 44.8 | 44.4 | 46.6 | 47.6 | 48.9 | 54.3 | 48.7 | 52.3 | 48.4 | 45.8 | 50.9 | 51.7 | 56.2 |

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABELL TILL FIGUR 24

TABLE FOR FIGURE 24

| Levererad fjärrkyla, 1992 – 2003, GWh Supply of district cooling, 1992 – 2003, GWh | | | | | | | | | | | | |
|---|------------|------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| Tätort (Leverantör) ¹ /Area (supplier) ¹ | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Borås (Borås Energi AB) | | | | 0.5 | 0.5 | 1.0 | 0.6 | 1.8 | 1.7 | 3.1 | 4.4 | 4.7 |
| Eskilstuna (Eskilstuna Energi & Miljö AB) | | | | | | | 0.1 | 1.4 | 2.7 | 3.4 | 4.4 | 4.2 |
| Gävle (Gävle Energi AB) | | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 |
| Göteborg (Göteborg Energi AB) | | | | 0.9 | 4.0 | 6.5 | 6.5 | 14.8 | 18.4 | 19.2 | 28.6 | 36.9 |
| Halmstad (Energiverken i Halmstad AB) | | | | | | | | | | 0.6 | 2.4 | 2.4 ² |
| Helsingborg (Öresundskraft AB) | | | | | | | | 3.0 | 2.7 | 7.1 | 13.2 | 13.0 |
| Huddinge/Botkyrka (Södertörns Fjärrvärmeaktiebolag) | | | | | | | 1.5 | 6.6 | 6.9 | 10.0 | 16.6 | 16.8 |
| Jönköping (Jönköping Energi AB) | | | | | 4.0 | 0.6 | 0.7 | 1.2 | 1.6 | 2.3 | 3.1 | 3.7 |
| Kalmar (Graninge Kalmar Energi AB) | | | | | | | 0.2 | 0.5 | 0.8 | 1.2 | 1.7 | 1.6 |
| Karlshamn (Karlshamn Energi AB) | | | | | | | | | | | | 0.3 |
| Karlskrona (Karlskrona AB. Affärsverken) | | | | | | | | 0.7 | 2.4 | 2.7 | 3.4 | 4.5 |
| Kungsbacka (Sydkraft Kungsbacka AB) | | | | | | | | | | 0.4 | 1.7 | 1.7 ² |
| Linköping (Tekniska Verken i Linköping AB) | | | | | | 0.6 | 0.5 | 1.8 | 4.4 | 6.6 | 18.5 | 20.6 |
| Lund (Lunds Energi AB) | | | | | 0.6 | 8.8 | 9.9 | 20.0 | 23.7 | 36.0 | 47.0 | 47.4 |
| Malmö (Sydkraft Värme Syd AB) | | | | | 0.2 | 0.2 | 0.0 | 0.0 | 0.5 | 3.0 | 5.0 | 5.0 |
| Norrköping (Sydkraft ÖstVärme AB) | | | | 0.9 | 1.7 | 1.9 | 1.9 | 4.3 | 5.8 | 6.5 | 8.3 | 5.8 |
| Norrtälje (Norrtälje Energi AB) | | | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 0.9 | 1.0 |
| Ronneby (Ronneby Miljö & Teknik AB) | | | | | | | | | 1.8 | 2.6 | 2.7 | 2.0 |
| Skellefteå Kraft AB | | | | | | | | | | | 0.5 | 0.9 |
| Sollentuna (Sollentuna Energi AB) | | | | | | | | 0.5 | 0.9 | 1.7 | 2.9 | 3.3 |
| Solna/Sundbyberg (Norrenergi AB) | | | | 0.6 | 7.1 | 15.2 | 13.3 | 22.1 | 23.1 | 40.6 | 52.5 | 53.7 |
| Stockholm/Nacka (Fortum Värme AB) | | | | 10.7 | 34.0 | 80.0 | 120.0 | 173.2 | 202.4 | 229.1 | 314.2 | 344.7 |
| Södertälje (Telge Energi AB) | | | | | | | | | 0.1 | 1.5 | 1.9 | 3.1 |
| Umeå (Umeå Energi AB) | | | | | | | | | | 3.0 | 5.0 | 5.0 |
| Uppsala (Vattenfall Värme Uppsala AB) | | | | | | 4.8 | 6.7 | 9.4 | 16.9 | 19.2 | 22.7 | 21.6 |
| Västerås (Mälarenergi AB) | 1.2 | 6.6 | 11.8 | 15.2 | 17.5 | 19.7 | 15.7 | 19.2 | 18.2 | 19.8 | 25.4 | 25.0 |
| Åtvidaberg (Forsaströms Kraftaktiebolag) | | | | | | | | | 0.2 | 0.3 | 0.3 | 0.3 |
| Örebro (Sydkraft MälärVärme AB) | | | | | | | | | | 5.5 | 10.4 | 10.8 |
| Örnsköldsvik (Övik Energi AB) | | | | | | | | | | | | 0.3 ² |
| Östersund (Jämtkraft AB) | | | | | | | | | | | 0.2 | 0.6 |
| Totalt | 1.2 | 6.7 | 12.9 | 30.0 | 70.6 | 140.3 | 178.6 | 281.4 | 336.5 | 426.5 | 598.0 | 640.9 |
| Total | | | | | | | | | | | | |
| Antal kunder | 1.0 | 6.0 | 13.0 | 65.0 | 128.0 | 181.0 | 302.0 | 368.0 | 441.0 | 521.0 | 788.0 | - |
| Number of subscribers | | | | | | | | | | | | |

¹ Utelämnat värde innebär att företaget ännu ej börjat leverera fjärrkyla.

² Värden svarar mot 2002 års uppgift då uppgift för år 2003 saknas.

Källa: Svensk Fjärrvärme

¹ Missing value means that the company had not yet started to deliver district cooling.

² Values are the same as 2002 due to the lack of 2003 data.

Source: Swedish District Heating Association



TABELL TILL FIGUR 28

Användning av oljeprodukter i Sverige, inklusive utrikes sjöfart, 1970 – 2003, miljoner m³
Use of oil products in Sweden, including international marine bunkers, 1970 – 2003, million m³

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Eldningsolja 2–5 Medium-heavy fuel oils | 16.112 | 13.841 | 14.084 | 14.090 | 13.088 | 11.911 | 13.283 | 12.813 | 11.307 | 11.658 | 10.649 | 8.859 | 7.745 | 6.355 | 5.310 | 5.969 |
| Eldningsolja 1 Gas oil | 8.548 | 8.471 | 8.696 | 9.125 | 7.409 | 7.845 | 8.761 | 8.222 | 8.234 | 8.381 | 7.377 | 6.752 | 5.731 | 4.841 | 4.398 | 4.274 |
| Dieselolja Diesel oil | 2.017 | 2.015 | 2.057 | 2.190 | 2.101 | 2.164 | 2.438 | 2.513 | 2.502 | 2.671 | 2.485 | 2.366 | 2.318 | 2.748 | 2.813 | 2.899 |
| Flygbränsle Aviation fuels | 0.878 | 0.836 | 0.895 | 0.901 | 0.759 | 0.745 | 0.764 | 0.785 | 0.801 | 0.764 | 0.729 | 0.743 | 0.770 | 0.660 | 0.704 | 0.673 |
| Bensin Petrol | 3.782 | 3.869 | 4.025 | 4.252 | 3.919 | 4.382 | 4.629 | 4.810 | 4.946 | 4.913 | 4.752 | 4.679 | 4.712 | 4.835 | 5.024 | 5.067 |
| Totalt Total | 31.337 | 29.032 | 29.757 | 30.558 | 27.276 | 27.047 | 29.875 | 29.143 | 27.790 | 28.387 | 25.992 | 23.399 | 21.276 | 19.439 | 18.249 | 18.882 |

Källa: SCB, EN 20 SM, Energimyndighetens bearbetning.

TABELL TILL FIGURER 29 OCH 30

Den svenska nettoimporten av råolja och oljeprodukter fördelade på ursprungsländer 1972 – 2003, miljoner ton
Swedish net import of crude oil and petroleum products, by country of origin 1972 – 2003, million tonnes

| | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Import av råolja Import of crude oil | 10.667 | 10.042 | 9.723 | 11.868 | 13.449 | 14.296 | 15.641 | 16.221 | 17.899 | 14.743 | 13.459 | 13.988 | 12.936 | 13.841 |
| Varav från / thereof from | | | | | | | | | | | | | | |
| Saudiarabien Saudi Arabia | 0.213 | 0.602 | 0.778 | 2.136 | 2.824 | 3.816 | 3.363 | 4.909 | 7.593 | 6.931 | 1.702 | 0.086 | 0.000 | 0.122 |
| Övriga Mellanöstern Other Middle East countries | 4.801 | 5.221 | 5.153 | 5.815 | 6.052 | 4.621 | 5.628 | 2.962 | 2.676 | 0.753 | 1.110 | 0.613 | 0.211 | 0.314 |
| Övriga OPEC-länder Other OPEC countries | 4.693 | 4.119 | 3.403 | 3.205 | 3.228 | 2.936 | 2.043 | 2.671 | 3.453 | 2.073 | 3.265 | 2.558 | 1.433 | 2.169 |
| Nordsjön North Sea | 0.000 | 0.000 | 0.389 | 0.712 | 1.345 | 1.987 | 2.922 | 4.208 | 3.531 | 4.260 | 6.226 | 9.137 | 10.134 | 9.853 |
| Övriga länder Other countries | 0.960 | 0.100 | 0.000 | 0.000 | 0.000 | 0.936 | 1.685 | 1.471 | 0.646 | 0.726 | 1.156 | 1.594 | 1.158 | 1.383 |
| Oljeprodukter (netto import) Refinery products (net import) | 16.980 | 18.020 | 17.754 | 16.766 | 15.148 | 14.768 | 10.338 | 13.165 | 8.046 | 6.517 | 6.269 | 3.657 | 0.988 | 2.728 |

Anm. Från och med det svenska EU-inträdet 1995 insamlas underlaget till den svenska utrikeshandelsstatistiken för varor på ett nytt sätt när det gäller handeln med EU-länder. Omläggningen påverkar indirekt även statistiken över handeln med icke EU-länder, vilket innebär att uppgifterna inte är helt jämförbara med siffrorna för tidigare år. Från och med 1997 inhämtas underlaget direkt från oljebolagen till SCB, vilket innebär att statistiken är mer tillförlitlig jämfört med åren 1995 och 1996.

Källa: SCB, blankett 401 och Energimyndigheten

TABELL TILL FIGUR 31

Löpande nominella och reala priser på lätt råolja, 1970 – 2003, dollar per fat
Current nominal and real prices of light crude oil, 1970 – 2003, dollars per barrel

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|---|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Nominellt pris ¹ Nominal price ¹ | 1.21 | 1.69 | 1.90 | 2.83 | 10.41 | 10.70 | 12.80 | 13.92 | 14.02 | 31.61 | 36.83 | 35.93 | 32.97 | 29.55 | 28.78 | 27.53 |
| Realt pris ² Real price ² | 4.31 | 5.73 | 5.90 | 7.58 | 22.89 | 21.19 | 25.04 | 25.19 | 21.84 | 44.13 | 46.75 | 45.55 | 43.08 | 39.67 | 39.49 | 38.17 |

Anm. (1970 – 1975) avser Dubaiolja och (1976–) avser Brentolja. Basår är 1990.

¹På grund av revidering på BP har tidsserien reviderats tillbaka till och med 1984.

²Globala reala priser deflateras med MUV-index från Världsbanken, (1990=100).

Källa: www.bpamoco.com och Världsbanken

TABLE FOR FIGURE 28

| 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5.204 | 4.966 | 3.971 | 3.346 | 3.004 | 3.096 | 3.155 | 3.371 | 3.933 | 3.761 | 4.722 | 4.111 | 4.281 | 3.985 | 3.111 | 3.018 | 2.923 | 3.868 |
| 4.043 | 4.429 | 4.109 | 3.746 | 3.788 | 3.675 | 3.497 | 3.483 | 3.631 | 3.634 | 3.937 | 3.480 | 3.346 | 3.135 | 3.027 | 2.870 | 2.667 | 2.898 |
| 2.992 | 2.963 | 3.117 | 3.059 | 3.027 | 2.893 | 2.914 | 2.989 | 3.165 | 3.171 | 3.428 | 3.328 | 3.780 | 3.726 | 3.550 | 3.677 | 3.908 | 4.309 |
| 0.796 | 0.841 | 0.935 | 1.036 | 1.077 | 0.939 | 1.001 | 1.014 | 1.027 | 1.035 | 1.032 | 1.063 | 1.010 | 1.147 | 1.136 | 1.068 | 0.975 | 0.949 |
| 5.317 | 5.533 | 5.739 | 5.948 | 5.630 | 5.751 | 5.878 | 5.587 | 5.655 | 5.763 | 5.694 | 5.577 | 5.429 | 5.453 | 5.372 | 5.618 | 5.706 | 5.645 |
| 18.352 | 18.733 | 17.870 | 17.134 | 16.526 | 16.354 | 16.445 | 16.444 | 17.411 | 17.364 | 18.813 | 17.559 | 17.846 | 17.446 | 16.197 | 16.251 | 16.180 | 17.669 |

Source: Statistics Sweden, EN 20 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURES 29 AND 30

| 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 15.862 | 15.312 | 14.234 | 15.516 | 16.778 | 15.826 | 18.832 | 17.793 | 17.481 | 16.598 | 18.840 | 16.915 | 16.821 | 17.442 | 20.685 | 19.890 | 18.155 | 20.095 |
| 1.148 | 0.701 | 0.459 | 0.263 | 0.290 | 0.255 | 1.875 | 2.650 | 2.063 | 1.067 | 2.012 | 2.245 | 1.627 | 1.238 | 0.832 | 1.146 | 0.000 | 0.000 |
| 0.652 | 0.871 | 1.875 | 1.750 | 1.742 | 2.774 | 1.821 | 1.837 | 1.928 | 1.885 | 1.374 | 1.406 | 1.872 | 1.272 | 1.765 | 3.081 | 1.956 | 3.114 |
| 1.749 | 1.475 | 1.176 | 0.938 | 1.362 | 1.615 | 2.505 | 1.475 | 1.243 | 1.815 | 1.250 | 1.235 | 1.495 | 1.190 | 1.295 | 1.113 | 1.045 | 0.807 |
| 10.507 | 9.774 | 9.123 | 10.612 | 10.810 | 9.979 | 10.440 | 10.474 | 10.084 | 9.263 | 12.923 | 10.646 | 9.659 | 11.038 | 13.507 | 13.348 | 11.303 | 12.139 |
| 1.806 | 2.491 | 1.601 | 1.953 | 2.574 | 1.203 | 2.191 | 1.357 | 2.163 | 2.568 | 1.281 | 1.383 | 2.168 | 2.704 | 3.286 | 1.202 | 3.851 | 4.035 |
| 2.698 | -0.046 | 0.549 | -2.083 | -1.718 | -1.542 | -2.522 | -2.658 | -1.391 | -2.690 | -1.251 | -3.402 | -2.988 | -3.812 | -5.168 | -3.930 | -3.432 | -2.949 |

Note: As a result of Sweden's membership of the EU from 1995, data for Swedish foreign trade in tangible exports to EU countries is now being collected in a different way. The change also indirectly affects the collection of trade statistics with non-EU countries, which means that post-1995 figures are not fully comparable with those for earlier years. With effect from 1997, information is supplied directly by the oil companies to Statistics Sweden, which means that foreign trade statistics from that year and onwards are more reliable than those for 1995 and 1996.

Source: Statistics Sweden, Statistical Notices 401 and the Swedish Energy Agency.

TABLE FOR FIGURE 31

| 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 14.32 | 18.33 | 14.92 | 18.23 | 23.73 | 20.00 | 19.32 | 16.97 | 15.82 | 17.02 | 20.67 | 19.09 | 12.72 | 17.97 | 28.50 | 24.44 | 25.02 | 28.83 |
| 17.26 | 20.16 | 15.41 | 18.94 | 23.73 | 19.60 | 18.24 | 15.90 | 14.31 | 14.54 | 18.57 | 18.44 | 12.77 | 18.10 | 29.33 | 25.91 | 26.86 | 28.82 |

Note: (1970 – 1975) refers to Dubai oil and (1976-) refers to Brent oil. Base year is 1990.

¹Due to revision of statistics at BP the timeseries has been revised back to 1984.

²Global real prices deflated with MUV-index from The World Bank.

Source: www.bpamoco.com and The World Bank

TABELL TILL FIGUR 32

Användning av energikol i Sverige 1985 – 2003, 1000 ton
Use of steam coal in Sweden 1985 – 2003, 1000 tonnes

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Värmeverk | 575 | 630 | 600 | 555 | 400 | 354 | 228 | 170 | 140 | 118 | 35 | 49 | 20 | 5 | 4 |
| Heating plants | | | | | | | | | | | | | | | |
| Kraftvärmeverk | 1 210 | 1 270 | 1 300 | 1 205 | 880 | 810 | 984 | 890 | 890 | 916 | 800 | 1 181 | 720 | 680 | 579 |
| Combined heat and power stations | | | | | | | | | | | | | | | |
| Industri | 700 | 750 | 850 | 880 | 900 | 945 | 843 | 710 | 710 | 690 | 720 | 718 | 705 | 720 | 655 |
| Industry | | | | | | | | | | | | | | | |
| Handelsträdgård | 60 | 50 | 50 | 40 | 30 | 30 | 30 | 30 | 20 | 15 | 5 | 5 | 5 | 5 | 0 |
| Horticulture | | | | | | | | | | | | | | | |
| Totalt | 2 545 | 2 700 | 2 800 | 2 680 | 2 210 | 2 139 | 2 085 | 1 800 | 1 760 | 1 739 | 1 560 | 1 953 | 1 450 | 1 410 | 1 238 |
| Total | | | | | | | | | | | | | | | |

Källa: SCB; Statistiska meddelanden EN 20 SM.

TABELL TILL FIGUR 33

Användning av biobränslen, torv m m i industrin (inklusive elgenerering) 1980 – 2003, TWh
Use of biofuels, peat etc, in industry (including electricity generation) 1980 – 2003, TWh

| | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Massaindustrins returlutar | 26.0 | 25.6 | 22.4 | 25.2 | 26.7 | 26.6 | 26.6 | 27.8 | 29.0 | 28.7 | 27.4 | 28.4 | 28.3 | 29.7 |
| Pulp industry, Black liquors | | | | | | | | | | | | | | |
| Massaindustrins övriga biprodukter | 4.6 | 6.8 | 6.3 | 6.3 | 6.5 | 7.1 | 6.7 | 6.7 | 7.3 | 7.5 | 8.2 | 8.4 | 8.1 | 8.2 |
| Pulp industry, other by-products | | | | | | | | | | | | | | |
| Biobränslen för elproduktion | 0.7 | 0.8 | 1.0 | 2.0 | 2.6 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.1 | 2.2 | 2.6 | 2.5 |
| Biofuels for electricity production | | | | | | | | | | | | | | |
| Sågverksindustrins biprodukter | 4.8 | 4.1 | 4.1 | 5.2 | 5.3 | 5.7 | 6.1 | 6.3 | 6.3 | 6.5 | 6.4 | 7.0 | 7.1 | 7.3 |
| Sawmill industry by-products | | | | | | | | | | | | | | |
| Övriga branscher | 0.0 | 0.2 | 0.3 | 0.3 | 1.7 | 1.4 | 1.6 | 1.0 | 0.8 | 0.7 | 0.8 | 0.6 | 0.7 | 0.6 |
| Other sectors | | | | | | | | | | | | | | |
| Totalt | 36.9 | 37.5 | 33.9 | 38.9 | 42.9 | 43.0 | 43.2 | 44.1 | 45.7 | 45.7 | 44.9 | 46.5 | 46.9 | 48.2 |
| Total | | | | | | | | | | | | | | |

Anm. De statistiska uppgifterna över produktion och användning av biobränslen hämtas från flera olika källor och är vanligen osäkra.

Källa: SCB, EN 20 SM samt EN 31 SM, Energimyndighetens bearbetning.

TABELL TILL FIGUR 34

Användning av biobränslen, torv m m i fjärrvärmeverk 1980 – 2003, TWh
Use of biofuels, peat etc, in district heating, 1980 – 2003, TWh

| | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Avfall | 1.3 | 1.6 | 2.0 | 2.4 | 3.1 | 3.1 | 3.5 | 3.9 | 4.1 | 3.8 | 3.9 | 3.9 | 4.1 | 4.2 |
| Refuse | | | | | | | | | | | | | | |
| Trädbränsle | 0.3 | 0.4 | 0.8 | 1.4 | 1.6 | 2.7 | 3.2 | 3.6 | 3.7 | 3.5 | 3.7 | 4.6 | 5.6 | 7.3 |
| Wood fuels | | | | | | | | | | | | | | |
| Tallbeckolja | - | - | - | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| Tall oil pitch | | | | | | | | | | | | | | |
| Torv | - | - | - | 0.0 | 0.3 | 0.8 | 1.7 | 1.6 | 1.5 | 2.1 | 2.6 | 3.2 | 3.2 | 3.1 |
| Peat | | | | | | | | | | | | | | |
| Övriga bränslen | - | - | - | - | - | - | - | - | 0.2 | 0.1 | 0.2 | 0.6 | 0.4 | 0.6 |
| Other fuels | | | | | | | | | | | | | | |
| Biobränslen för elproduktion | - | - | - | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| Biofuels for electricity production | | | | | | | | | | | | | | |
| Totalt | 1.6 | 2.0 | 2.8 | 3.9 | 5.1 | 6.7 | 8.6 | 9.3 | 9.6 | 9.8 | 10.7 | 12.8 | 13.7 | 16.1 |
| Total | | | | | | | | | | | | | | |

Källa: SCB, EN 20 SM samt EN 31 SM, Energimyndighetens bearbetning.

TABLE FOR FIGURE 32

| 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|
| 1 | 2 | 1 | 7 |
| 501 | 507 | 588 | 685 |
| 836 | 899 | 931 | 884 |
| 0 | 0 | 0 | 0 |
| 1 338 | 1 408 | 1 520 | 1 576 |

Source: Statistics Sweden, EN 20 SM.

TABLE FOR FIGURE 33

| 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|
| 29.8 | 31.4 | 30.9 | 33.2 | 33.0 | 33.9 | 36.8 | 34.9 | 34.0 | 35.3 |
| 8.1 | 7.6 | 6.9 | 6.9 | 6.9 | 6.7 | 8.6 | 7.7 | 6.9 | 7.5 |
| 2.5 | 2.4 | 2.1 | 2.5 | 2.5 | 2.0 | 3.4 | 2.8 | 3.2 | 2.6 |
| 8.0 | 8.4 | 8.9 | 9.7 | 9.8 | 9.8 | 5.4 | 4.3 | 4.9 | 5.0 |
| 0.6 | 1.7 | 1.9 | 1.7 | 2.0 | 1.8 | 0.9 | 3.7 | 8.2 | 0.8 |
| 49.1 | 51.4 | 50.8 | 54.1 | 54.2 | 54.2 | 55.0 | 53.4 | 57.2 | 51.2 |

Note: Statistics on production and use of biofuels, peat etc. have been derived from a number of sources and usually include a certain margin of error.

Source: Statistics Sweden, EN 20 SM, EN 31 SM, processed by the Swedish Energy Agency.

TABLE FOR FIGURE 34

| 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|
| 4.0 | 4.5 | 4.4 | 4.8 | 5.1 | 4.7 | 5.6 | 5.5 | 5.2 | 6.9 |
| 9.5 | 11.1 | 14.2 | 13.7 | 13.7 | 14.0 | 14.3 | 17.3 | 17.9 | 19.2 |
| 1.2 | 1.5 | 1.7 | 1.4 | 2.0 | 2.2 | 1.5 | 1.9 | 1.8 | 3.4 |
| 3.2 | 3.3 | 3.3 | 3.0 | 3.8 | 2.8 | 2.4 | 2.7 | 3.7 | 3.6 |
| 0.6 | 0.6 | 1.1 | 1.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 |
| 0.6 | 1.0 | 1.3 | 1.4 | 1.5 | 1.5 | 1.5 | 2.0 | 2.0 | 3.1 |
| 19.1 | 21.9 | 26.0 | 25.2 | 26.4 | 25.1 | 25.3 | 29.4 | 30.6 | 38.5 |

Source: Statistics Sweden, EN 31 SM, EN 20 SM, processed by the Swedish Energy Agency.

TABELL TILL FIGUR 35, fortsätter på nästa sida / continue on next page

Löpande kommersiella energipriser i Sverige (inkl. skatt) 1970 – 2003, öre/kWh
Nominal commercial energy prices in Sweden (taxes included) 1970 – 2003, öre/kWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Eo 1¹ / GAS OIL¹ | | | | | | | | | | | | | | | | |
| Bränslepris / price | 1.5 | 1.8 | 1.6 | 2.5 | 4.2 | 3.8 | 5.0 | 5.3 | 5.8 | 8.6 | 12.3 | 14.2 | 17.8 | 18.3 | 19.1 | 24.4 |
| Skatt / tax | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.6 | 0.7 | 0.6 | 0.6 | 0.7 | 1.3 | 2.5 | 3.6 | 4.2 | 5.4 | 5.4 |
| Skatt, % / tax. % | 16.4 | 14.2 | 15.1 | 10.5 | 10.2 | 12.9 | 11.7 | 10.7 | 9.6 | 7.2 | 9.4 | 15.1 | 16.8 | 18.8 | 22.0 | 18.1 |
| Totalt / total | 1.8 | 2.1 | 1.9 | 2.8 | 4.7 | 4.3 | 5.6 | 6.0 | 6.4 | 9.2 | 13.5 | 16.7 | 21.4 | 22.6 | 24.5 | 29.8 |
| Eo 2-5¹ / MEDIUM-HEAVY FUEL OIL¹ | | | | | | | | | | | | | | | | |
| Bränslepris / price | 1.1 | 1.3 | 1.2 | 1.5 | 2.9 | 2.8 | 3.2 | 3.8 | 3.7 | 6.4 | 8.1 | 10.8 | 11.7 | 12.7 | 14.9 | 18.4 |
| Skatt / tax | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 1.2 | 2.3 | 3.3 | 3.9 | 4.9 | 4.9 |
| Skatt, % / tax. % | 14.8 | 12.3 | 13.2 | 10.7 | 10.1 | 12.8 | 14.5 | 12.7 | 13.1 | 8.7 | 12.6 | 17.6 | 21.9 | 23.4 | 24.8 | 21.1 |
| Totalt / total | 1.2 | 1.5 | 1.4 | 1.7 | 3.2 | 3.2 | 3.7 | 4.4 | 4.3 | 7.0 | 9.3 | 13.1 | 15.0 | 16.6 | 19.8 | 23.4 |
| BENSIN, PREMIUM / PETROL, PREMIUM¹ | | | | | | | | | | | | | | | | |
| Bränslepris / price | 3.7 | 3.9 | 3.8 | 4.2 | 7.2 | 7.2 | 8.8 | 9.1 | 9.7 | 12.4 | 17.0 | 21.6 | 25.8 | 28.2 | 27.3 | 26.8 |
| Skatt / tax | 6.8 | 7.8 | 7.8 | 8.1 | 8.6 | 8.9 | 9.5 | 9.6 | 11.6 | 12.7 | 16.7 | 18.8 | 19.4 | 19.7 | 21.3 | 26.8 |
| Skatt, % / tax. % | 65.1 | 66.6 | 67.5 | 66.0 | 54.5 | 55.3 | 52.1 | 51.5 | 54.5 | 50.6 | 49.5 | 46.6 | 43.0 | 41.1 | 43.8 | 50.0 |
| Totalt / total | 10.5 | 11.7 | 11.5 | 12.3 | 15.7 | 16.2 | 18.3 | 18.7 | 21.3 | 25.0 | 33.7 | 40.4 | 45.2 | 47.8 | 48.6 | 53.6 |
| BENSIN, 95 BLYFRI / PETROL, UNLEADED¹ | | | | | | | | | | | | | | | | |
| Bränslepris / price | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt / tax | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt, % / tax. % | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Totalt / total | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| DIESELÖLJA / DIESEL OIL¹ | | | | | | | | | | | | | | | | |
| Bränslepris / price | 2.6 | 3.0 | 2.7 | 3.4 | 5.1 | 4.5 | 5.3 | 5.5 | 6.1 | 9.2 | 13.7 | 16.1 | 20.0 | 21.3 | 23.5 | 25.5 |
| Skatt / tax | 4.1 | 4.8 | 4.8 | 4.8 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 1.3 | 2.5 | 3.6 | 4.2 | 5.4 | 5.4 |
| Skatt, % / tax. % | 61.2 | 61.4 | 64.2 | 58.3 | 9.1 | 10.9 | 10.9 | 9.6 | 9.0 | 6.7 | 8.5 | 13.5 | 15.3 | 16.6 | 18.7 | 17.5 |
| Totalt / total | 6.8 | 7.8 | 7.5 | 8.2 | 5.6 | 5.9 | 5.9 | 6.1 | 6.7 | 9.9 | 15.0 | 18.6 | 23.6 | 25.5 | 28.9 | 30.9 |
| KOL / COAL² | | | | | | | | | | | | | | | | |
| Bränslepris / price | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.3 | 5.1 | 5.3 |
| Skatt / tax | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 1.4 | 2.0 |
| Skatt, % / tax. % | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.9 | 21.7 | 21.7 |
| Totalt / total | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.5 | 6.5 | 7.3 |
| SKOGSFLIS / WOODCHIPS³ | | | | | | | | | | | | | | | | |
| Bränslepris / price | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt / tax | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt, % / tax. % | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Totalt / total | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Anm: Från år 1993 avser priser och skatter leveranser till icke industriell användning om inget annat anges. Moms ingår i fjärrvärme, elvärme i villa och naturgas i bostäder.

¹ Källa: Svenska Petroliuminstitutet, Energimyndighetens bearbetning Eldningsojlor utan ev volymrabatter. Priset för Eo5 gällde t o m 1978 "normal-svavlig" olja och därefter "lågsvavlig" olja. Prisskillnaden var 58 kr/m³ år 1979 i löpande pris. Motorbränslen avser pumppriser.

² Källa: SCB, Energimyndighetens bearbetning.

³ Källa: Konkurrensverket, NUTEK (1992 – 1997) och Energimyndigheten (1998–). Fukthalt 45%. Fr o m 1993 avser priset för stycketorv leverans till värmeverk.

TABLE FOR FIGURE 35

| 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 16.6 | 14.4 | 13.8 | 16.9 | 21.7 | 21.6 | 18.1 | 22.8 | 20.3 | 22.3 | 26.3 | 17.8 | 14.7 | 16.0 | 26.4 | 25.7 | 25.0 | 25.7 |
| 5.4 | 7.7 | 8.9 | 10.4 | 11.0 | 12.8 | 12.8 | 14.8 | 15.4 | 15.8 | 16.9 | 17.6 | 18.2 | 18.1 | 18.2 | 22.2 | 25.7 | 29.0 |
| 24.5 | 34.8 | 39.0 | 38.1 | 33.6 | 37.2 | 47.9 | 39.4 | 43.1 | 41.5 | 39.1 | 49.7 | 55.3 | 53.1 | 40.9 | 46.4 | 50.2 | 53.0 |
| 22.0 | 22.1 | 22.7 | 27.3 | 32.7 | 34.4 | 30.9 | 37.6 | 35.7 | 38.1 | 43.2 | 35.4 | 33.0 | 34.1 | 44.6 | 48.0 | 50.1 | 54.8 |
| 12.4 | 11.9 | 10.8 | 12.8 | 15.7 | 14.2 | 12.2 | 17.6 | 15.5 | 14.1 | 14.1 | 9.4 | 7.9 | 9.2 | 17.1 | 20.5 | 17.0 | 16.8 |
| 4.9 | 7.0 | 8.1 | 10.5 | 11.0 | 14.0 | 14.0 | 15.9 | 16.5 | 15.6 | 16.6 | 17.1 | 17.9 | 17.5 | 17.6 | 22.0 | 24.7 | 28.4 |
| 28.4 | 37.1 | 42.9 | 45.1 | 41.2 | 49.6 | 53.4 | 47.5 | 51.6 | 52.3 | 54.1 | 64.5 | 69.4 | 65.5 | 50.7 | 51.7 | 59.3 | 64.3 |
| 17.3 | 18.9 | 18.9 | 23.3 | 26.7 | 28.2 | 26.2 | 33.5 | 32.0 | 29.8 | 30.7 | 26.5 | 25.8 | 26.7 | 34.7 | 42.5 | 41.7 | 44.1 |
| 20.9 | 19.8 | 19.5 | 22.4 | 25.6 | 25.1 | 23.6 | 26.0 | 26.7 | 26.4 | 27.6 | 28.9 | 26.1 | 29.3 | 39.4 | 37.2 | 34.5 | 34.3 |
| 26.9 | 28.3 | 31.9 | 32.6 | 37.0 | 37.4 | 37.4 | 50.3 | 50.7 | 46.0 | 48.2 | 50.1 | 51.3 | 50.8 | 51.2 | 49.8 | 51.4 | 52.1 |
| 56.4 | 58.8 | 62.1 | 59.3 | 59.1 | 60.0 | 61.3 | 65.9 | 65.5 | 63.5 | 63.6 | 63.4 | 66.2 | 63.4 | 56.5 | 57.3 | 59.8 | 60.3 |
| 47.8 | 48.2 | 51.4 | 55.0 | 62.6 | 62.5 | 61.0 | 76.3 | 77.4 | 72.4 | 75.8 | 79.0 | 77.4 | 80.2 | 90.6 | 86.9 | 85.9 | 86.4 |
| 20.9 | 19.8 | 19.5 | 22.2 | 25.6 | 25.1 | 23.6 | 25.9 | 24.0 | 23.2 | 24.1 | 25.8 | 23.0 | 26.3 | 36.5 | 34.5 | 31.8 | 31.6 |
| 25.1 | 26.3 | 29.6 | 30.3 | 34.2 | 34.1 | 33.9 | 44.5 | 44.8 | 46.2 | 48.1 | 50.0 | 51.3 | 50.8 | 51.2 | 50.1 | 51.1 | 52.4 |
| 54.6 | 57.0 | 60.3 | 57.6 | 58.0 | 57.6 | 58.6 | 63.2 | 65.1 | 66.6 | 66.6 | 66.0 | 69.0 | 65.9 | 58.4 | 59.2 | 61.4 | 62.4 |
| 46.0 | 46.1 | 49.1 | 52.5 | 59.0 | 59.2 | 57.5 | 70.4 | 68.8 | 69.4 | 72.2 | 75.8 | 74.3 | 77.0 | 87.7 | 84.6 | 83.3 | 84.0 |
| 17.8 | 18.4 | 18.1 | 22.2 | 29.1 | 29.0 | 27.1 | 30.6 | 28.6 | 25.8 | 22.4 | 22.2 | 18.6 | 21.9 | 38.6 | 39.3 | 36.2 | 31.9 |
| 5.4 | 7.6 | 6.9 | 11.0 | 11.0 | 12.8 | 12.8 | 14.8 | 28.5 | 29.2 | 30.6 | 31.6 | 32.4 | 26.8 | 29.5 | 30.5 | 31.2 | 31.8 |
| 17.5 | 29.2 | 33.0 | 33.1 | 27.4 | 30.6 | 32.1 | 32.6 | 49.9 | 53.1 | 57.7 | 58.8 | 63.5 | 55.1 | 43.3 | 43.7 | 46.3 | 49.9 |
| 30.9 | 26.0 | 27.0 | 33.2 | 40.1 | 41.8 | 39.9 | 45.4 | 57.1 | 55.0 | 53.0 | 53.8 | 51.0 | 48.7 | 68.1 | 69.9 | 67.4 | 63.7 |
| 5.1 | 3.6 | 4.1 | 4.6 | 4.7 | 4.8 | 4.1 | 4.1 | 4.2 | 4.4 | 4.5 | 4.9 | 4.9 | 4.3 | 4.7 | 5.9 | 5.3 | 4.9 |
| 2.0 | 4.2 | 4.1 | 4.9 | 5.3 | 13.2 | 13.2 | 16.0 | 16.2 | 16.5 | 17.5 | 18.1 | 18.3 | 18.2 | 18.3 | 23.4 | 26.6 | 31.1 |
| 28.1 | 53.5 | 50.0 | 51.6 | 53.0 | 73.3 | 76.3 | 79.6 | 79.4 | 78.9 | 79.5 | 79.0 | 78.8 | 80.8 | 79.6 | 79.8 | 83.3 | 86.3 |
| 7.1 | 7.8 | 8.2 | 9.5 | 10.0 | 18.0 | 17.3 | 20.1 | 20.4 | 20.9 | 22.0 | 22.9 | 23.2 | 22.5 | 23.0 | 29.4 | 32.0 | 36.0 |
| - | - | - | - | - | - | - | 11.9 | 10.9 | 10.9 | 11.2 | 11.3 | 11.5 | 11.5 | 11.2 | 10.9 | 12.4 | 12.6 |
| - | - | - | - | - | - | - | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - | - | - | - | - | - | - | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - | - | - | - | - | - | - | 11.9 | 10.9 | 10.9 | 11.2 | 11.3 | 11.5 | 11.5 | 11.2 | 10.9 | 12.4 | 12.6 |

Note: Unless otherwise stated, prices and taxes from 1993 are for supplies for non-industrial use. VAT is included in district heating, domestic electric heating and natural gas for domestic use.

¹ Source: Swedish Petroleum Institute, processed by the Swedish Energy Agency.

Fuel oils excluding any quantity discounts. Motor fuels at pump prices. The price for heavy fuel oil was for normal sulphur up to 1978, and thereafter for low-sulphur oil. In 1979 the price difference was 58 SEK/m³ in current prices.

² Source: Statistics Sweden, processed by the Swedish Energy Agency.

³ Source: Swedish Competition Authority, NUTEK (1992 – 1997) and Swedish Energy Agency (1998–). Moisture content 45%. With effect from 1993, the price relates to sod peats, delivered to a heating plant.

TABELL TILL FIGUR 35, forts från föregående uppslag / continue from previous page

Löpande kommersiella energipriser i Sverige (inkl. skatt) 1970 – 2003, öre/kWh
Nominal commercial energy prices in Sweden (taxes included) 1970 – 2003, öre/kWh

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|--|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| STYCKETORV / SOD PEAT³ | | | | | | | | | | | | | | | | |
| Bränslepris / price | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.3 |
| Skatt / tax | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| Skatt, % / tax. % | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| Totalt / total | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.3 |
| NATURGAS, BOSTÄDER / NATURAL GAS, RESIDENTIAL⁴ | | | | | | | | | | | | | | | | |
| Bränslepris / price | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt / tax | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt, % / tax. % | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Totalt / total | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NATURGAS, INDUSTRI / NATURAL GAS, INDUSTRY⁴ | | | | | | | | | | | | | | | | |
| Bränslepris / price | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt / tax | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt, % / tax. % | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Totalt / total | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ELVÄRME, VILLA / ELECTRIC HEATING (DOMESTIC⁵) | | | | | | | | | | | | | | | | |
| Elpris (inkl nätavg.) / price | 7.1 | 7.1 | 7.4 | 7.5 | 9.6 | 10.7 | 11.7 | 13.3 | 16.7 | 16.7 | 19.6 | 20.9 | 22.6 | 24.6 | 25.6 | 27.1 |
| Elcertifikatavgift/ Electricity certificat fee | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Skatt / tax | 0.5 | 0.7 | 0.7 | 0.8 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.6 | 5.4 | 7.2 |
| Skatt, % / tax. % | 6.5 | 9.1 | 9.1 | 9.1 | 9.1 | 12.3 | 14.6 | 15.8 | 15.2 | 15.2 | 16.9 | 16.1 | 15.0 | 15.8 | 17.3 | 21.0 |
| Totalt / total | 7.6 | 7.8 | 8.1 | 8.3 | 10.6 | 12.2 | 13.7 | 15.8 | 19.7 | 19.7 | 23.6 | 24.9 | 26.6 | 29.2 | 31.0 | 34.3 |
| EL, INDUSTRI / ELECTRICITY (INDUSTRIAL⁶) | | | | | | | | | | | | | | | | |
| Elpris / price | 4.4 | 4.4 | 5.0 | 5.5 | 6.8 | 8.3 | 9.1 | 10.0 | 11.5 | 13.1 | 14.2 | 14.4 | 15.1 | 16.4 | 17.3 | 18.3 |
| Skatt / tax | 0.3 | 0.4 | 0.5 | 0.5 | 0.7 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.2 | 5.0 |
| Skatt, % / tax. % | 6.5 | 9.1 | 9.1 | 9.1 | 9.1 | 15.3 | 18.0 | 16.6 | 14.8 | 13.3 | 17.4 | 17.3 | 16.5 | 15.4 | 15.6 | 21.5 |
| Totalt / total | 4.7 | 4.9 | 5.5 | 6.0 | 7.5 | 9.8 | 11.1 | 12.0 | 13.5 | 15.1 | 17.2 | 17.4 | 18.1 | 19.4 | 20.5 | 23.3 |
| FJÄRRVÄRME / DISTRICT HEATING⁷ | | | | | | | | | | | | | | | | |
| Totalt inklusive skatter / | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total including taxes | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dollarkurs ⁸ / | 5.17 | 5.12 | 4.76 | 4.39 | 4.46 | 4.16 | 4.36 | 4.48 | 4.52 | 4.29 | 4.23 | 5.08 | 6.30 | 7.68 | 8.28 | 8.61 |
| Exchange rate, US dollar ⁸ | 5.17 | 5.12 | 4.76 | 4.39 | 4.46 | 4.16 | 4.36 | 4.48 | 4.52 | 4.29 | 4.23 | 5.08 | 6.30 | 7.68 | 8.28 | 8.61 |
| KPI 1980=100 ⁹ / | 41.4 | 44.5 | 47.1 | 50.3 | 55.3 | 60.7 | 66.9 | 74.6 | 82.0 | 88.0 | 100.0 | 112.1 | 121.7 | 132.6 | 143.2 | 153.8 |
| Retail price index ⁹ | 41.4 | 44.5 | 47.1 | 50.3 | 55.3 | 60.7 | 66.9 | 74.6 | 82.0 | 88.0 | 100.0 | 112.1 | 121.7 | 132.6 | 143.2 | 153.8 |

Anm: Från år 1993 avser priser och skatter leveranser till icke industriell användning om inget annat anges. Moms ingår i fjärrvärme, elvärme i villa och naturgas i bostäder.

³ Källa: Konkurrensverket, NUTEK (1992 – 1997) och Energimyndigheten (1998–). Fuktalt 45%. F o m 1993 avser priset för stycketorv leverans till värmeverk.

⁴ Källa: Eurostat, Energimyndighetens bearbetning. Priset för bostäder avser bostad med årsförbrukning 23,3 MWh. Priset för industrin avser industri med årsförbrukning 11,63 GWh, 200 dagar och 1600 timmar.

⁵ Källa: EN 17 SM, SCB, Energimyndighetens bearbetning. Elcertifikatavgift anger genomsnittsvärde för perioden mellan 2003-05-01 och 2003-12-31. Elpris för villa med årsförbrukning 20 000 kWh. Från 1999 till vidare avtal tecknat den 1 januari.

⁶ Källa: Vattenfall (1970 – 1995) och Eurostat (1996–), Energimyndighetens bearbetning. Priset avser stor industri med årsförbrukning 50 GWh och 10 MW.

Statistiken visar priset för 1-årsavtal tecknat den 1 januari. Merparten av elen handlas dock via bilaterala avtal med kraftproducenter för vilka statistik saknas.

⁷ Källa: Urvalsundersökning av SCB vid framtagande av konsumentprisindex (KPI). I Energimyndighetens rapport "Värme i Sverige" år 2004 baseras prisserien på en total undersökning, den s k Nils Holgerssonundersökningen. Priset varierar med en faktor 2 över hela landet. Lägsta priset år 2003 var 37 öre/KWh och högsta 71 öre/KWh.

⁸ Källa: Riksbanken.

⁹ Källa: SCB.

TABLE FOR FIGURE 35

| 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10.7 | 10.8 | 10.7 | 12.0 | 11.8 | 12.7 | 12.4 | 11.3 | 11.6 | 10.9 | 10.4 | 10.8 | 10.4 | 11.0 | 10.9 | 11.1 | 11.4 | 11.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.5 | 10.8 | 11.7 | 11.5 | 12.1 | 12.6 | 12.2 | 12.6 | 12.0 | 12.1 | 11.9 | 11.6 | 12.0 |
| 10.7 | 10.8 | 10.7 | 12.0 | 11.8 | 14.2 | 13.9 | 12.8 | 13.1 | 12.4 | 11.9 | 12.3 | 11.9 | 12.5 | 12.4 | 12.6 | 12.9 | 12.5 |
| - | - | - | - | - | - | - | - | - | - | 22.0 | 22.3 | 22.7 | 22.2 | 23.6 | 28.5 | 31.1 | 31.7 |
| - | - | - | - | - | - | - | - | - | - | 15.5 | 17.1 | 17.7 | 18.7 | 19.2 | 24.2 | 27.5 | 31.2 |
| - | - | - | - | - | - | - | - | - | - | 41.3 | 43.4 | 43.8 | 45.7 | 44.8 | 46.0 | 46.9 | 49.6 |
| - | - | - | - | - | - | - | - | - | - | 37.5 | 39.4 | 40.4 | 40.9 | 42.8 | 52.7 | 58.6 | 62.9 |
| - | - | - | - | - | - | - | - | - | - | 12.8 | 15.0 | 14.4 | 11.0 | 15.7 | 29.7 | 19.2 | 24.1 |
| - | - | - | - | - | - | - | - | - | - | 1.6 | 1.8 | 3.7 | 4.0 | 4.1 | 4.0 | 4.0 | 4.1 |
| - | - | - | - | - | - | - | - | - | - | 11.1 | 10.7 | 20.4 | 26.6 | 20.6 | 11.9 | 17.4 | 14.5 |
| - | - | - | - | - | - | - | - | - | - | 14.4 | 16.8 | 18.1 | 15.0 | 19.8 | 33.7 | 23.2 | 28.1 |
| 29.1 | 29.7 | 28.0 | 29.9 | 31.5 | 36.1 | 37.9 | 40.0 | 39.7 | 40.7 | 43.6 | 45.2 | 45.0 | 43.0 | 42.6 | 43.3 | 51.3 | 66.4 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.92 |
| 7.2 | 7.2 | 7.2 | 9.2 | 16.3 | 18.0 | 18.5 | 20.0 | 20.9 | 21.4 | 23.7 | 27.0 | 30.2 | 29.6 | 30.9 | 33.5 | 37.6 | 45.5 |
| 19.8 | 19.5 | 20.4 | 23.5 | 34.1 | 33.3 | 32.8 | 33.3 | 34.4 | 34.5 | 35.2 | 37.3 | 40.2 | 40.8 | 42.0 | 43.6 | 46.3 | 40.0 |
| 36.3 | 36.9 | 35.2 | 39.1 | 47.8 | 54.1 | 56.4 | 60.0 | 60.7 | 62.1 | 67.3 | 72.2 | 75.2 | 72.7 | 73.5 | 76.8 | 88.9 | 113.8 |
| 19.0 | 19.0 | 19.4 | 21.2 | 23.5 | 26.0 | 27.2 | 27.8 | 28.8 | 28.8 | 27.7 | 30.9 | 28.3 | 24.9 | 24.9 | 22.2 | 24.5 | 57.1 |
| 5.0 | 5.0 | 5.0 | 7.0 | 5.0 | 5.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20.8 | 20.8 | 20.5 | 24.8 | 17.5 | 16.1 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24.0 | 24.0 | 24.4 | 28.2 | 28.5 | 31.0 | 32.2 | 27.8 | 28.8 | 28.8 | 27.7 | 30.9 | 28.3 | 24.9 | 24.9 | 22.2 | 24.5 | 57.1 |
| 24.5 | 26.1 | 25.9 | 29.5 | 41.1 | 41.1 | 40.2 | 39.9 | 40.5 | 41.1 | 41.7 | 42.6 | 42.9 | 44.0 | 43.9 | 48.4 | 51.9 | 55.1 |
| 7.13 | 6.35 | 6.14 | 6.45 | 5.91 | 6.05 | 5.81 | 7.80 | 7.71 | 7.13 | 6.70 | 7.64 | 7.95 | 8.27 | 9.17 | 10.33 | 9.72 | 8,09 |
| 160.3 | 167.0 | 176.7 | 188.1 | 207.8 | 227.2 | 232.4 | 243.2 | 248.5 | 254.8 | 256.0 | 257.3 | 257.0 | 258.1 | 260.7 | 267.1 | 272.8 | 278.1 |

Note: Unless otherwise stated, prices and taxes for 1993 are for supplies for non-industrial use. VAT is included in district heating, domestic electric heating and natural gas for domestic use.

³ Source: Swedish Competition Authority, NUTEK (1992 – 1997) and Swedish Energy Agency (1998–). Moisture content 45%. With effect from 1993, the price relates to sod peats, delivered to a heating plant.

⁴ Source: Eurostat. Residential electricity cost based on annual demand of 23,3 MWh. Industrial electricity cost based on annual demand of 11,63 GWh, 200 days and 1600 hours, calculations by the Swedish Energy Agency.

⁵ Source: EN 17 SM, Statistics Sweden, processed by the Swedish Energy Agency. The electricity certificate fee shows the average value for the period between 2003-05-01 and 2003-12-31. Electricity price for household with annual consumption 20 000 kWh. From year 1999 electricity prices for 1 year contracts signed by Januari 1st.

⁶ Source: Vattenfall (1970 – 1995) and Eurostat (1996–). Prices for a industry, 10 MW and 50 GWh per annum, data processed by the Swedish Energy Agency. Data show prices for 1 year contracts signed by Januari 1st. However most of the electricity is bought via bilateral contracts for which no statistics is available.

⁷ Prices for district heating shown in this publication are based on a partial survey carried out by Statistics Sweden. Prices vary with a factor 2 over the country. Lowest price year 2003 was 37 öre/kWh and highest 71 öre/kWh.

⁸ Source: Bank of Sweden.

⁹ Source: Statistics Sweden.

TABELL TILL FIGUR 36

TABLE FOR FIGURE 36

Total slutlig energianvändning i EU-15 fördelad på energibärare, 1960 – 2002, Mtoe
Total final energy consumption in EU-15 by energy carriers, 1960 – 2002, Mtoe

| | 1960 | 1970 | 1980 | 1990 | 1995 | 2000 | 2001 | 2002 |
|-------------------|------|------|------|------|------|------|------|------|
| Kol | 190 | 147 | 87 | 75 | 40 | 30 | 31 | 27 |
| Coal | | | | | | | | |
| Olja | 146 | 459 | 498 | 473 | 505 | 523 | 538 | 532 |
| Oil | | | | | | | | |
| Naturgas | 18 | 55 | 149 | 179 | 208 | 235 | 242 | 237 |
| Natural gas | | | | | | | | |
| EI | 36 | 79 | 121 | 157 | 169 | 193 | 198 | 198 |
| Electricity | | | | | | | | |
| Fjärrvärme* | | | | | | 23 | 24 | 23 |
| District Heating* | | | | | | | | |
| Förnybar energi* | | | | | | 37 | 39 | 38 |
| Renewable energy* | | | | | | | | |

* Data saknas för förnybar energi och fjärrvärme före år 2000.

* Data are not available for renewable energy and district heating before year 2000.

Källa / Source: European Commission, Energy in Europe, 2001 Annual Energy Review (1985 och 1990). IEA Statistics – Energy Balances of OECD Countries 2001–2002, 2004 edition.

TABELL TILL FIGUR 37

TABLE FOR FIGURE 37

Total slutlig energianvändning fördelad på EU-15: s medlemsländer och energibärare, 2002, Mtoe
Total final energy consumption, by EU-15 member states and energy carriers, 2002, Mtoe

| | Kol | Olja | Naturgas | EI | Fjärrvärme | Förnybara energikällor | Totalt |
|----------------|------|--------|-------------|-------------|------------------|------------------------|--------|
| | Coal | Oil | Natural Gas | Electricity | District heating | Renewable energy | Total |
| Belgien | 1.78 | 21.23 | 10.38 | 6.75 | 0.47 | 0.36 | 40.97 |
| Belgium | | | | | | | |
| Danmark | 0.22 | 7.32 | 1.66 | 2.78 | 2.40 | 0.76 | 15.14 |
| Denmark | | | | | | | |
| Finland | 1.16 | 8.92 | 1.03 | 6.85 | 3.21 | 4.97 | 26.14 |
| Finland | | | | | | | |
| Frankrike | 3.96 | 88.31 | 33.78 | 33.80 | 0.57 | 9.24 | 169.66 |
| France | | | | | | | |
| Grekland | 0.70 | 14.29 | 0.42 | 4.00 | 0.03 | 1.05 | 20.49 |
| Greece | | | | | | | |
| Irland | 0.52 | 7.72 | 1.55 | 1.88 | 0.00 | 0.16 | 11.83 |
| Ireland | | | | | | | |
| Italien | 2.02 | 66.56 | 38.75 | 24.32 | 0.00 | 1.91 | 133.56 |
| Italy | | | | | | | |
| Luxemburg | 0.09 | 2.54 | 0.63 | 0.49 | 0.04 | 0.02 | 3.81 |
| Luxembourg | | | | | | | |
| Nederländerna | 0.66 | 25.22 | 22.83 | 8.58 | 2.47 | 0.24 | 60.00 |
| Netherlands | | | | | | | |
| Portugal | 0.18 | 13.17 | 1.18 | 3.57 | 0.20 | 2.48 | 20.78 |
| Portugal | | | | | | | |
| Spanien | 1.50 | 57.71 | 14.17 | 17.76 | 0.00 | 3.58 | 94.72 |
| Spain | | | | | | | |
| Storbritannien | 3.48 | 72.76 | 50.95 | 28.62 | 1.88 | 0.62 | 158.31 |
| Great Britain | | | | | | | |
| Sverige | 0.96 | 13.35 | 0.50 | 11.31 | 3.98 | 5.00 | 35.10 |
| Sweden | | | | | | | |
| Tyskland | 9.24 | 120.51 | 56.02 | 42.90 | 6.84 | 5.55 | 241.06 |
| Germany | | | | | | | |
| Österrike | 0.93 | 12.27 | 3.59 | 4.74 | 1.20 | 2.55 | 25.28 |
| Austria | | | | | | | |

Källa / Source: IEA Statistics – Energy Balances of OECD Countries 2001–2002, 2004 edition.

TABELL TILL FIGUR 38

TABLE FOR FIGURE 38

Total tillförsel av primärenergi i EU-15 fördelad på energibärare, 1960 – 2002, Mtoe
Total primary energy supply in EU-15 by energy carriers, 1960 – 2002, Mtoe

| | 1960 | 1970 | 1980 | 1990 | 1995 | 2000 | 2001 | 2002 |
|---------------------------|------|------|------|------|------|------|------|------|
| Kol | 331 | 327 | 305 | 299 | 239 | 215 | 219 | 217 |
| Coal | | | | | | | | |
| Olja | 178 | 578 | 625 | 549 | 580 | 593 | 607 | 597 |
| Oil | | | | | | | | |
| Naturgas | 10 | 63 | 183 | 223 | 275 | 339 | 347 | 349 |
| Natural Gas | | | | | | | | |
| Kärnbränsle | 1 | 11 | 55 | 188 | 211 | 225 | 232 | 233 |
| Nuclear fuel | | | | | | | | |
| Vattenkraft | 15 | 20 | 24 | 22 | 25 | 27 | 29 | 24 |
| Hydropower | | | | | | | | |
| Förnybara energikällor* | | | 27 | 43 | 49 | 56 | 58 | 61 |
| Renewable energy sources* | | | | | | | | |

* Data saknas för förnybara energikällor före år 1980. Före år 2000 exkl. import och export.

* Data are not available for renewable energy sources before year 1980. Before year 2000 imports and exports not included.

Källa /Source: IEA Statistics – Energy Balances of OECD Countries 2001–2002, 2004 Edition

TABELL TILL FIGUR 40

TABLE FOR FIGURE 40

Energiandvändning i EU-25 fördelad på EU-15 och de nya medlemsstaterna, 2001, Mtoe
Total final energy consumption for EU-25 by EU-15 and new member states, 2001, Mtoe

| | EU-15 | Nya medlemsstater ¹ |
|------------------|---------|--------------------------------|
| | EU-15 | New member states ¹ |
| Kol | 30.7 | 18.8 |
| Coal | | |
| Olja | 538.1 | 41.4 |
| Oil | | |
| Gas | 241.7 | 28.9 |
| Gas | | |
| El | 197.7 | 20.1 |
| Electricity | | |
| Fjärrvärme | 23.7 | 15.0 |
| District heating | | |
| Förnybar energi | 38.5 | 7.5 |
| Renewable energy | | |
| Totalt | 1 070.3 | 129.4 |
| Total | | |

¹Tjeckien, Cypern, Estland, Ungern, Lettland, Litauen, Malta, Polen, Slovakien och Slovenien

¹Czech Republic, Cyprus, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovak Republic and Slovenia

Källa: IEA Statistics – Energy Balances of non-OECD Countries 2000 –2001, 2003 Edition, IEA Statistics – Energy Balances of OECD Countries 2001–2002, 2004 Edition.

Source: IEA Statistics – Energy Balances of non-OECD Countries 2000–2001, 2003 Edition, IEA Statistics – Energy Balances of OECD Countries 2001–2002, 2004 Edition.

TABELL TILL FIGUR 41

TABLE FOR FIGURE 41

Total slutlig energianvändning¹ i världen fördelat på region, 1971 – 2001, Mtoe
World total final energy consumption¹ by region, 1971 – 2001, Mtoe

| | 1971 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 |
|-------------------------------------|------|------|------|------|------|------|------|
| OECD Nordamerika ² | 1340 | 1475 | 1430 | 1519 | 1620 | 1789 | 1753 |
| OECD North America ² | | | | | | | |
| OECD Europa ³ | 914 | 1072 | 1070 | 1105 | 1138 | 1211 | 1229 |
| OECD Europe ³ | | | | | | | |
| varav EU-15 | 765 | 890 | 911 | 933 | 977 | 1049 | 1070 |
| of which EU-15 | | | | | | | |
| F d Sovjetunionen | 507 | 778 | 839 | 902 | 682 | 614 | 622 |
| Former USSR | | | | | | | |
| Kina | 189 | 317 | 390 | 489 | 599 | 571 | 582 |
| China | | | | | | | |
| OECD Stillahavsområdet ⁴ | 251 | 315 | 336 | 419 | 503 | 551 | 551 |
| OECD Pacific ⁴ | | | | | | | |
| Asien. exkl. f d SU och Kina | 113 | 174 | 220 | 294 | 387 | 468 | 480 |
| Asia. excl. Former USSR and China | | | | | | | |
| Latinamerika | 97 | 162 | 169 | 195 | 242 | 285 | 284 |
| Latin America | | | | | | | |
| Mellanöstern | 34 | 91 | 130 | 165 | 219 | 267 | 278 |
| Middle East | | | | | | | |
| Afrika | 57 | 94 | 107 | 123 | 135 | 157 | 164 |
| Africa | | | | | | | |
| Europa ej OECD ⁵ | 63 | 101 | 93 | 90 | 58 | 56 | 58 |
| Europe non-OECD ⁵ | | | | | | | |

Anm.

¹ Energianvändningen är exklusive förnybar energi och avfall

² USA, Kanada och Mexiko. För USA har bränslen som används för egen produktion av el och värme inkluderats fr.o.m 2002.

³ EU-15 samt Ungern, Tjeckien, Polen och Slovakien.

⁴ Australien, Japan, Korea och Nya Zeeland.

⁵ Albanien, Bulgarien, Cypern, Gibraltar, Malta, Rumänien och f d Jugoslavien.

Källa: IEA Statistics – Energy Balances of the OECD Countries 2000-2-01, 2003 edition, IEA statistics – Energy Balances of OECD Countries 2001-2-02, 2004 Edition

Note.

¹ Energy consumption does not include renewables or waste.

² USA, Canada and Mexico, For USA, fuels used by autoproducers of electricity and heat have been included into TFC from 2002.

³ EU-15 and Hungary, Czech republic, Poland and Slovakia.

⁴ Austria, Japan, Korea and New Zealand.

⁵ Albania, Bulgaria, Cyprus, Gibraltar, Malta, Romania and former Jugoslavia.

Source: IEA Statistics – Energy Balances of the OECD Countries 2000-2001, 2003 edition, IEA Statistics – Energy Balances of OECD Countries 2001-2002, 2004 Edition

TABELL TILL FIGUR 42

TABLE FOR FIGURE 42

Total slutlig energianvändning i världen fördelat på energibärare, 1971 – 2001, Mtoe
Total world final energy consumption by energy carriers, 1971 – 2001, Mtoe

| | 1971 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Kol / Coal | 623 | 699 | 759 | 760 | 670 | 522 | 515 |
| Olja / Oil | 1 893 | 2 342 | 2 291 | 2 537 | 2 671 | 2 973 | 3 008 |
| Naturgas / Natural gas | 604 | 831 | 884 | 1 001 | 1 035 | 1 147 | 1 137 |
| El / Electricity | 377 | 585 | 688 | 827 | 934 | 1 084 | 1 092 |
| Fjärrvärme* / District Heating* | | | | | | 237 | 243 |
| Förnybar energi* / Renewable energy* | | | | | | 992 | 1 000 |
| Totalt / Total | 3 497 | 4 458 | 4 621 | 5 125 | 5 309 | 6 955 | 6 995 |

* Data saknas för förnybar energi och fjärrvärme före år 2000.

Källa: IEA Statistics – energy balances of non-OECD countries 2000-2001. 2003 edition

* Data are not available for renewable energy and district heating before year 2000.

Source: IEA Statistics – energy balances of non-OECD countries 2000-2001, 2003 edition

TABELL TILL FIGUR 43
TABLE FOR FIGURE 43

Total energianvändning per invånare i olika regioner, 2001, toe/invånare ¹
Total energy use per inhabitant and region, 2001, toe/person ¹

| | 2001 |
|-------------------------------------|------|
| Världen | 0.98 |
| The World | |
| OECD Nordamerika ² | 4.21 |
| OECD North America ² | |
| OECD Europa ³ | 2.34 |
| OECD Europe ³ | |
| varav EU-15 | 2.82 |
| of which EU-15 | |
| OECD Stillehavsområdet ⁴ | 2.79 |
| OECD Pacific ⁴ | |
| Europa ej OECD ⁵ | 1.01 |
| Non OECD Europe ⁵ | |
| Kina | 0.46 |
| China | |
| Fd Sovjetunionen | 2.15 |
| Former USSR | |
| Asien exkl Kina och fd SU | 0.25 |
| Asia | |
| Afrika | 0.20 |
| Africa | |
| Mellanöstern | 1.65 |
| Middle east | |
| Latinamerika | 0.67 |
| Latin america | |

¹ Exklusive förnybara bränslen och avfall.

² USA, Kanada och Mexiko. För USA har bränslen som användas för egen produktion av el och värme inkluderats fr.o.m 2002.

³ EU-15 samt Ungern, Tjeckien, Polen och Slovakien.

⁴ Australien, Japan, Korea och Nya Zeeland.

⁵ Albanien, Bulgarien, Cypern, Gibraltar, Malta, Rumänien och f d Jugoslavien.

¹ Does not include renewables or waste.

² USA, Canada and Mexico, For USA, fuels used by autoproducers of electricity and heat have been included into TFC from 2002.

³ EU-15 and Hungary, Czech republic, Poland and Slovakia.

⁴ Austria, Japan, Korea and New Zealand.

⁵ Albania, Bulgaria, Cyprus, Gibraltar, Malta, Romania and former Yugoslavia.

Källa / Source: IEA Statistics – Energy Balances of OECD Countries 2000–2001, 2003 edition

TABELL TILL FIGUR 44
TABLE FOR FIGURE 44

Total tillförsel av primärenergi i världen fördelad på energibärare, 1971–2001, Mtoe
World total primary energy supply by energy carriers, 1971–2001, Mtoe

| | 1971 | 1973 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Kol | 1 441 | 1 500 | 1 787 | 2 022 | 2 181 | 2 232 | 2 331 | 2 342 |
| Coal | | | | | | | | |
| Olja | 2 338 | 2 715 | 3 001 | 2 814 | 3 062 | 3 200 | 3 477 | 3 507 |
| Oil | | | | | | | | |
| Naturgas | 895 | 980 | 1 238 | 1 418 | 1 671 | 1 826 | 2 107 | 2 122 |
| Natural Gas | | | | | | | | |
| Kärnbränsle | 29 | 53 | 186 | 390 | 525 | 608 | 676 | 692 |
| Nuclear fuel | | | | | | | | |
| Vattenkraft | 104 | 110 | 148 | 170 | 185 | 214 | 226 | 221 |
| Hydropower | | | | | | | | |
| Förnybara energikällor | 649 | 676 | 793 | 888 | 974 | 1 042 | 1 136 | 1 145 |
| Renewable energy sources | | | | | | | | |

Källa: IEA Statistics – energy balances of non-OECD countries 2000–2001, 2003 edition

Source: IEA Statistics – energy balances of non-OECD countries 2000–2001, 2003 edition

TABELL TILL FIGUR 46

TABLE FOR FIGURE 46

Svensk import och export av svaveloxider och kväveoxider år 2000, 1000 ton
Swedish import and export of oxidized sulphur and oxidized nitrogen year 2000, 1000 ton

| | SO ₂ Import | SO ₂ Export | NO ₂ Import | NO ₂ Export |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|
| Benelux / Benelux | 3.9 | - | 9.3 | 0.1 |
| Danmark / Denmark | 2.2 | 0.1 | 6.7 | 0.5 |
| Finland / Finland | 2.4 | 1.9 | 4.4 | 6.2 |
| Frankrike / France | 4.7 | - | 9.0 | 0.2 |
| Baltikum / Baltic states | 2.7 | 0.6 | 1.7 | 2.8 |
| Norge / Norway | 1.5 | 1.2 | 4.1 | 3.5 |
| Polen / Poland | 27.6 | 0.6 | 12.3 | 2.0 |
| Rumänien / Romania | 4.2 | - | 1.0 | 0.3 |
| Ryssland / Russia | 6.8 | 3.4 | 3.7 | 11.8 |
| Storbritannien / UK | 10.7 | 0.1 | 13.5 | 0.3 |
| Spanien / Spain | 4.0 | - | 2.1 | - |
| Sverige / Sweden | 11.2 | 11.2 | 12.5 | 12.5 |
| Tjeckien / Czech rep. | 3.5 | - | 3.8 | 0.2 |
| Tyskland / Germany | 13.0 | 0.2 | 21.0 | 0.7 |
| Ukraina / Ukraine | 3.6 | 0.4 | 1.3 | 1.3 |
| Ungern / Hungary | 5.0 | - | 1.2 | 0.3 |
| Övr. länder / Other countries | 26.3 | 0.5 | 28.7 | 2.1 |
| Till hav / To the sea | 23.0 | 7.8 | 25.8 | 18.4 |
| Totalt / Total | 157.0 | 28.0 | 162.1 | 63.0 |

Källa: Bearbetning Naturvårdsverket

Grunddata från: Transboundary acidification and eutrophication and ground-level ozone in Europe. EMEP Status Report 1/2003.

Source: Data processed by the Swedish Environmental Protection Agency

Data from: Transboundary acidification and eutrophication and ground-level ozone in Europe. EMEP Status Report 1/2003.

TABELL TILL FIGUR 47

TABLE FOR FIGURE 47

Utsläpp av svaveldioxid (SO₂) i Sverige 1990 – 2002, 1000 ton
Emission of sulphur dioxide (SO₂) in Sweden 1990 – 2002, 1000 tonnes

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|---|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Energisektorns utsläpp / Emissions from the energy sector | 74 | 69 | 64 | 59 | 61 | 52 | 57 | 51 | 51 | 41 | 37 | 40 | 42 |
| Förbränning i industrin ¹ / Industry ¹ | 22 | 23 | 20 | 20 | 22 | 20 | 19 | 20 | 19 | 17 | 15 | 16 | 16 |
| Transporter / Transport | 7 | 7 | 7 | 5 | 6 | 6 | 5 | 5 | 5 | 2 | 1 | 1 | 1 |
| Bostäder och service m m / Residential and service etc. | 16 | 14 | 12 | 8 | 8 | 7 | 6 | 5 | 5 | 4 | 4 | 4 | 4 |
| Förbränning i el- gas- och värmeverk mm ² / Electricity and district heating etc. ² | 25 | 21 | 21 | 22 | 22 | 19 | 27 | 19 | 21 | 18 | 16 | 18 | 20 |
| Diffusa utsläpp / Fugitive emissions from fuels | 4.3 | 4.1 | 4.0 | 3.8 | 3.4 | 1.1 | 0.8 | 0.7 | 0.8 | 0.8 | 0.7 | 0.7 | 0.8 |
| Industriprocesser / Industrial processes | 32 | 30 | 28 | 28 | 27 | 25 | 24 | 25 | 22 | 17 | 18 | 17 | 17 |
| Totalt. exkl. internationell bunkring / Total. excl. international bunkers | 106 | 99 | 93 | 87 | 87 | 77 | 81 | 76 | 73 | 59 | 55 | 57 | 59 |
| Internationell bunkring / International bunkers | 6 | 7 | 8 | 8 | 10 | 10 | 10 | 12 | 13 | 14 | 14 | 14 | 12 |

¹ Inklusive industriellt mottryck

² m m = koksverk och oljeraffinaderier

Anm. Reviderade uppgifter för samtliga år jämfört med tidigare upplaga

Källa: Sveriges rapportering till FN:s klimatkonvention. Naturvårdsverket 2004. Energimyndighetens bearbetning.

¹ Including back pressure electricity production in industry

² etc = coke and refineries

Note. Data for all years has been revised compared to earlier editions.

Source: Sweden's National GHG Inventory to UNFCCC. Swedish Environmental Protection Agency year 2004. Data Processed by the Swedish Energy Agency.

TABELL TILL FIGUR 48

TABLE FOR FIGURE 48

Utsläpp av kväveoxider (räknat som NO₂) i Sverige 1990 – 2002, 1000 ton
Emission of nitrogen oxides (NO₂) in Sweden 1990 – 2002, 1000 tonnes

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Energisektorns utsläpp / Emissions from the energy sector | 310 | 307 | 304 | 291 | 294 | 285 | 278 | 266 | 262 | 250 | 238 | 234 | 229 |
| Förbränning i industrin ¹ / Industry ¹ | 57 | 55 | 57 | 57 | 60 | 58 | 57 | 57 | 57 | 53 | 51 | 52 | 53 |
| Transporter / Transport | 187 | 188 | 181 | 171 | 170 | 166 | 157 | 149 | 145 | 141 | 134 | 126 | 119 |
| Bostäder och service m m / Residential. service. e t c | 47 | 46 | 49 | 47 | 48 | 44 | 43 | 42 | 42 | 40 | 39 | 38 | 38 |
| Förbränning i el- gas- och värmeverk mm ² / Electricity and district heating etc ² | 18 | 17 | 16 | 16 | 16 | 16 | 22 | 16 | 18 | 16 | 14 | 17 | 19 |
| Diffusa utsläpp / Fugitive emissions from fuels | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Industriprocesser / Industrial processes | 14 | 14 | 13 | 14 | 14 | 13 | 13 | 13 | 12 | 12 | 13 | 13 | 14 |
| Totalt. exkl. internationell bunkring / Total. excl. international bunkers | 324 | 321 | 317 | 305 | 308 | 298 | 291 | 279 | 274 | 262 | 250 | 247 | 243 |
| Internationell bunkring / International bunkers | 53 | 61 | 67 | 68 | 80 | 80 | 83 | 97 | 111 | 111 | 108 | 106 | 93 |

¹ Inklusive industriellt mottryck

² m m = koksverk och oljeraffinaderier

Anm. Reviderade uppgifter för samtliga år jämfört med tidigare upplaga

Källa: Sveriges rapportering till FN:s klimatkonvention. Naturvårdsverket 2004. Energimyndighetens bearbetning.

¹ Including back pressure electricity production in industry

² etc = coke and refineries

Note. Data for all years has been revised compared to earlier editions. Source: Sweden's National GHG Inventory to UNFCCC. Swedish Environmental Protection Agency year 2004. Data Processed by the Swedish Energy Agency.

TABELL TILL FIGUR 49

Utsläpp av koldioxid (CO₂) i Sverige 1980, 1990 – 2002, 1000 ton
Emission of carbon dioxide (CO₂) in Sweden 1980, 1990 – 2002, 1000 tonnes

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Energisektorns utsläpp | 51 514 | 52 087 | 51 969 | 51 643 | 54 048 | 53 146 | 56 467 | 52 308 | 53 165 |
| Emissions from the energy sector | | | | | | | | | |
| Förbränning i industrin¹ | 10 677 | 10 335 | 9 563 | 10 349 | 11 359 | 11 894 | 11 482 | 11 962 | 11 653 |
| Industry ¹ | | | | | | | | | |
| Transporter | 18 302 | 18 060 | 18 908 | 18 071 | 18 641 | 18 751 | 18 544 | 18 750 | 19 014 |
| Transport | | | | | | | | | |
| Bostäder, service m m | 11 356 | 11 321 | 10 785 | 10 522 | 10 505 | 9 982 | 9 957 | 9 113 | 8 921 |
| Residential, service etc | | | | | | | | | |
| Förbränning i el-, gas- och värmeverk mm² | 10 210 | 11 423 | 11 949 | 11 774 | 12 262 | 11 356 | 15 402 | 11 535 | 12 481 |
| Electricity and district heating etc. ² | | | | | | | | | |
| Diffusa utsläpp | 969 | 948 | 764 | 927 | 1 282 | 1 163 | 1 083 | 948 | 1 096 |
| Fugitive emissions from fuels | | | | | | | | | |
| Industriprocesser m m³ | 4 333 | 4 226 | 4 152 | 4 096 | 4 382 | 4 393 | 4 344 | 4 101 | 4 139 |
| Industrial processes etc. ³ | | | | | | | | | |
| Sänkor | -20 292 | -29 328 | -23 353 | -29 332 | -26 305 | -21 293 | -22 269 | -27 288 | -24 331 |
| Land-Use Change and Forestry | | | | | | | | | |
| Totalt, exkl. internationell bunkring och sänkor | 55 847 | 56 313 | 56 121 | 55 739 | 58 431 | 57 539 | 60 811 | 56 409 | 57 304 |
| Total, excl. international bunkering and Land-Use Change and Forestry | | | | | | | | | |
| Internationell bunkring | 3 497 | 3 649 | 3 819 | 4 162 | 4 803 | 4 831 | 5 072 | 5 778 | 6 493 |
| International bunkers | | | | | | | | | |

¹ Inklusive industriellt mottryck

² m m = koksverk och oljeraffinaderier

³ m m = lösningsmedels- och produktanvändning

Anm. Reviderade uppgifter för samtliga år jämfört med tidigare upplaga
 Sveriges rapportering till FN:s Klimatkonvention, Naturvårdsverket år 2004,
 Energimyndighetens bearbetning.

¹ Including electricity production from industry

² etc. = coke and refineries

³ etc. = solvent and other products use

Källa 1980: SCB, Statistiska meddelanden Na 18. Källa 1990-2002:
 Source: 1980: Statistics Sweden, SCB. Source 1990-2002:
 Sweden's National GHG Inventory to UNFCCC, Swedish
 Environmental Protection Agency year 2004, data processed
 by the Swedish Energy Agency.

TABLE FOR FIGURE 43

| 1999 | 2000 | 2001 | 2002 |
|---------|---------|---------|---------|
| 50 621 | 48 250 | 48 858 | 50 535 |
| 10 580 | 10 119 | 10 117 | 10 380 |
| 19 392 | 19 258 | 19 506 | 20 025 |
| 8 381 | 8 001 | 7 191 | 6 760 |
| 11 164 | 9 805 | 10 961 | 12 326 |
| 1 105 | 1 067 | 1 082 | 1 044 |
| 3 910 | 4 141 | 4 378 | 4 218 |
| -27 305 | -27 306 | -24 811 | -26 541 |
| 54 531 | 52 391 | 53 236 | 54 753 |
| 6 598 | 6 549 | 6 380 | 5 579 |

TABELL TILL FIGURER 50 OCH 51

TABLE FOR FIGURES 50 AND 51

Koldioxidutsläpp totalt per invånare samt per BNP år 2002 i EU samt i OECD-länderna
Emissions of carbon dioxide in total, per inhabitant and per GDP in EU and OECD countries, 2002

| | Totala utsläpp CO ₂ , miljoner ton Total emissions, million tonnes of CO ₂ | Kg CO ₂ per BNP (1995 USD) Kg of CO ₂ per GDP (1995 USD) | Ton CO ₂ per invånare tonnes of CO ₂ per habitant | Förändring av utsläpp 2001/1991 (%) Emission changes 2001/1991 (%) |
|------------------------------|---|---|--|---|
| Australien / Australia | 369.6 | 0.79 | 18.99 | 41.7 |
| Belgien / Belgium | 119.6 | 0.37 | 11.63 | 6.1 |
| Danmark / Denmark | 50.5 | 0.24 | 9.42 | -16.8 |
| Finland / Finland | 60.2 | 0.36 | 11.6 | -16.6 |
| Frankrike / France | 384.9 | 0.21 | 6.32 | 1.2 |
| Grekland / Greece | 90.2 | 0.62 | 8.23 | 28.0 |
| Irland / Ireland | 43.1 | 0.38 | 11.19 | 39.6 |
| Island / Iceland | 2.1 | 0.23 | 7.38 | 12.3 |
| Italien / Italy | 425.3 | 0.35 | 7.34 | 6.9 |
| Japan / Japan | 1 132.3 | 0.20 | 8.90 | 8.5 |
| Kanada / Canada | 519.5 | 0.72 | 16.71 | 23.0 |
| Korea / Korea | 435.8 | 0.68 | 9.20 | 73.6 |
| Luxemburg / Luxembourg | 8.4 | 0.33 | 18.99 | -23.4 |
| Mexiko / Mexico | 359.0 | 0.97 | 3.62 | 19.1 |
| Nederl. / Netherl. | 177.5 | 0.35 | 11.06 | 6.7 |
| Norge / Norway | 37.9 | 0.21 | 8.41 | 41.1 |
| Nya Zeeland / New Zealand | 32.9 | 0.46 | 8.53 | 43.9 |
| Polen / Poland | 292.5 | 1.77 | 7.57 | -14.6 |
| Portugal / Portugal | 59.1 | 0.45 | 5.87 | 44.0 |
| Schweiz / Switzerland | 43.8 | 0.13 | 6.06 | 0.3 |
| Slovakien / Slovakia | 39.4 | 1.65 | 7.32 | -20.3 |
| Spanien / Spain | 285.6 | 0.39 | 7.09 | 32.8 |
| Storbritannien / Gr. Britain | 540.8 | 0.41 | 9.20 | -5.1 |
| Sverige / Sweden | 48.0 | 0.16 | 5.40 | -5.7 |
| Tjeckien / Czech rep. | 118.7 | 2.08 | 11.57 | -15.6 |
| Turkiet / Turkey | 188.0 | 0.99 | 2.74 | 42.6 |
| Tyskland / Germany | 850.2 | 0.31 | 10.32 | -9.7 |
| Ungern / Hungary | 56.3 | 1.00 | 5.53 | -16.1 |
| USA / USA | 5 673.3 | 0.63 | 19.84 | 18.7 |
| Österrike / Austria | 66.6 | 0.25 | 8.19 | 9.8 |
| Totalt EU / Total EU | 3 209.9 | 0.32 | 8.46 | 1.4 |
| Totalt OECD / Total OECD | 12 511.0 | 0.45 | 10.99 | 13.2 |

Källa / Source: OECD in figures – 2003 edition. <http://www.oecd.org>

Krav för miljöklassad bensin Requirements for environmentally classified automotive petrol

| EGENSKAP / PROPERTY | KRAV / REQUIREMENTS | | |
|--|---|--|--|
| | MILJÖKLASS (MK) / ENVIRONMENTAL CLASS (EC) | | |
| | Miljöklass 1 Motorbensin/ Ec 1 Automotive petrol | Miljöklass 1 Alkylatbensin Ec 1 Alkylate petrol | Miljöklass 2/ EU 2000 Motorbensin Ec 2 Automotive petrol |
| Researchoktantal, lägst / RON, mi | 95 | | 95 |
| Motoroktantal, lägst / MON, min | 85 | | 85 |
| Ångtryck enligt Reid, högst kilopascal / Vapour pressure, kPa max | 70 ¹ / 95 ² | 65 | 70 ¹ /95 ² |
| Ångtryck enligt Reid, lägst kilopascal / Vapour pressure kPa min | 45 ¹ / 65 ² | 50 | - |
| DESTILLATION: | | | |
| Förångat vid / % evaporated at 70 °C, volymhalt procent | - | 15–42 | - |
| Förångat vid / % evaporated min. at 100 °C, lägst volymhalt procent | 47 ¹ / 50 ² | 46 ³ | 46 |
| Förångat vid / % evaporated max. at 100 °C, högst volymhalt procent | - | 72 ³ | - |
| Förångat vid / % evaporated min. at 150 °C, lägst volymhalt procent | 75 | - | 75 |
| Förångat vid / % evaporated min at 180 °C, lägst volymhalt procent | - | 95 | - |
| Slutkokpunkt / final boiling point, högst/ max. °C | 205 | 200 | - |
| Olefiner, högst volymhalt procent / Olefines, max. volume content % | 13 | 0.5 | 18.0 ⁴ |
| Aromater, högst volymhalt procent / Aromatics, max volume content % | 42 | 0.5 | 42 |
| Bensen, högst volymhalt procent / Benzene max. volume content % | 1 | 0.1 | 1 |
| n-Hexan, högst volymhalt procent / max volume content % | - | 0.5 | - |
| c-Alkaner, högst volymhalt procent / max volume content % | - | 0.5 | - |
| Syre, högst masshalt procent / Oxygen max % | 2.7 | - | 2.7 |
| OXYGENATER / OXYGENATES: | | | |
| - Metanol, högst volymhalt procent, stabiliseringsmedel måste tillsättas / Methanol max. volume content % | 3 | - | 3 |
| - Etanol, högst volymhalt procent, stabiliseringsmedel kan vara nödvändigt / Ethanol max. volume content % | 5 | - | 5 |
| - Isopropylalkohol, högst volymhalt procent / Iso-propyl alcohol max. volume content % | 10 | - | 10 |
| - Tertiär-butylalkohol, högst volymhalt procent / tert-butyl alcohol max. volume content % | 7 | - | 7 |
| - Isobutylalkohol, högst volymhalt procent / iso-butyl alcohol max. volume content % | 10 | - | 10 |
| - Etrar som innehåller fem eller flera kolatomer per molekyl, högst volymhalt procent / ethers (5 or more C-atoms), max volume content % | 15 | - | 15 |
| - Andra oxygenater ⁵ , högst volymhalt procent / other oxygenates max volume content % | 10 | - | 10 |
| Svavel, högst milligram per kilogram / Sulphur max. mg/kg | 50 | 50 | 150 |
| Bly, högst gram per liter / lead content max g/l | 0.005 | 0.002 | 0.005 |
| Fosfor / Phosphorus | Inte mätbar /non-measurable | - | - |
| Densitet vid / Density at 15 °C kg/m ³ | - | 680–720 | - |

Anm. Bensin i miljöklass 1 skall uppfylla skäliga funktionskrav vad avser renhet för insugnings- respektive insprutningsventiler. Bensin i miljöklass 1 avsedd för fordon med katalytisk avgasrening får ej innehålla askbildande ämnen.

¹ Avser tiden fr o m den 16 maj t o m den 31 augusti i X-, Y-, AC- och BD-län samt fr o m den 1 maj t o m den 15 september för övriga län. För övrig tid än den som anges här eller under 2 år följande gränsvärden tillåtna: Ångtryck vid 37,8 °C högst 95 och lägst 45 kilopascal samt Förångat vid 100 °C lägst 47 volymhalt procent.

² Avser tiden fr o m den 16 oktober t o m den 31 mars i X-, Y-, AC- och BD-län samt fr o m den 1 november t o m den 15 mars i övriga län. För övrig tid än den som anges här eller under 1 år följande gränsvärden tillåtna: Ångtryck vid 37,8 °C högst 95 och lägst 45 kilopascal samt Förångat vid 100 °C lägst 47 volymhalt procent. ³ Om temperaturökningen i intervallet 45–72°C förångat understiger 10 °C gäller istället att T₅₀ värdet (temperatur vid 50 volymhalt procent förångat) skall vara mellan 90 °C och 105 °C.

⁴ Med undantag för blyfri bensin regular (ett minsta motoroktantal (MON) på 81 och ett min-

sta researchoktantal (RON) på 91) för vilket den maximala olefinhalten skall vara volymhalt på högst 21 procent. Dessa gränsvärden hindrar inte att blyfri bensin med lägre oktantal än vad som anges i denna bilaga får saluföras.

⁵ Andra primära alkoholer och etrar, vilkas destillationslutkokpunkt inte överstiger den destillationslutkokpunkt som angetts i nationella standarder, eller, där sådana saknas, i industriella specifikationer för motorbränslen.

Källa: Svenska Petroleum Institutet, <http://www.spi.se>

Krav för miljöklassad dieselbrännolja Requirements for environmentally classified automotive gas oil

EGENSKAP / PROPERTY

KRAV / REQUIREMENTS MILJÖKLASS (MK) / ENVIRONM. CLASS (EC)

| | Enhet Unit | Miljöklass 1 | | | Miljöklass 2 | | | Miljöklass 3 | | |
|--|-------------------|-----------------|--|--|-----------------|--|--|--------------|--|--|
| | | Ec 1 | | | Ec 2 | | | Ec 3 | | |
| Tändvillighet, min / ignition quality (cetanindex), min. | | 50 | | | 47 | | | - | | |
| Cetantal, min (cetane number), min | | 51 ¹ | | | 51 ¹ | | | 51 | | |
| Densitet vid 15 °C, min / density at 15 °C, min | kg/m ³ | 800 | | | 800 | | | - | | |
| Densitet vid 15 °C, max/ density at 15 °C, max | kg/m ³ | 820 | | | 820 | | | 845 | | |

DESTILLATION:

| | | | | | | | | | | |
|---|-------|--|--|--|------------------|--|--|-----------------|--|--|
| - begynnelsekokpunkt / Initial boiling point, min. | °C | 180 | | | 180 | | | - | | |
| - vid 95% destillat / temp. at 95% recovery, max. | °C | 285 | | | 295 | | | 360 | | |
| Aromatiska kolväten (högst volymhalt) / Aromatics (volume content), max. | % | 5 | | | 20 | | | - | | |
| Polycykliska aromatiska kolväten / PAH (volymhalt/volume content), max. | % | Ej mätbar ² (not measurable) | | | 0,1 ² | | | - | | |
| Polycykliska aromatiska kolväten / PAH (högst masshalt/mass content), max | % | - | | | - | | | 11 ³ | | |
| Svavel, max/ Sulphur, max. | mg/kg | 10 | | | 50 | | | 350 | | |

¹ Gäller dieselbrännoljor som omfattas av nr 27 10 00 66 i Kombinerade nomenklaturen (KN-nr) enligt förordningen (EEG) 2658/87.

² Enligt Svensk Standard 15 51 16.

³ Enligt IP 391

Källa: Svenska Petroleum Institutet, <http://www.spi.se>

¹ Applies to diesel oils included in KN 27 10 00 66 according to regulation (EC) 2658/87.

² According to Swedish Standard 15 51 16.

³ According to IP 391

Source: Swedish Petroleum Institute, <http://www.spi.se>

Note. Environmental class 1 petrol shall fulfil reasonable performance requirements in respect of cleanness as required by induction and injection valves. Environmental class 1 petrol intended for use in vehicles with catalytic exhaust cleaners must not contain ash-forming substances.

¹ Applies during the period from 16th May up until 31st August in X, Y, AC and BD counties, and from 1st May up until 15th September in other counties. The following limit values are permissible during times other than those given here or under 2): Vapour pressure at 37.8 °C not more than 95 kPa and not less than 45 kPa, and Vaporised at 100 °C, minimum 47 % volume content.

² Applies during the period from 16th October up until 31st March in X, Y, AC and BD counties, and from 1st November up until 15th March in other counties. The following limit values are permissible during times other than those given here or under 1): Vapour pressure at 37.8 °C not more than 95 kPa and not less than 45 kPa, and Vaporised at 100 °C, minimum 47 % volume content.

³ If the temperature increase in the 45–72 % vaporised interval is less than 10 °C, then the T₅₀ interval (the temperature at which 50 % of the volume has evaporated) shall instead lie between 90 °C and 105 °C.

⁴ With the exception of Regular grade unleaded petrol (having a minimum motor octane

number [MON] of 81 and a minimum research octane number [RON] of 91), for which the olefin content shall not exceed 21 % by volume. These limit values shall not prevent a lower octane rating than the here specified from being sold.

⁵ Other primary alcohols and ethers with a final boiling point not exceeding the final boiling point specified in national standards or industrial specifications for motor fuels.

Source: The Swedish Petroleum Institute, <http://www.spi.se>

III

Omräkningsfaktorer för effektiva värmevärden, som används av SCB och Energimyndigheten.¹ Conversion factors of energy content used by Statistics Sweden and by the Swedish Energy Agency¹

| Bränsle | Fysisk kvantitet | MWh | GJ |
|---|---------------------|---------|----------|
| Skogsflis / Wood chips | 1 ton | 2.0–4.0 | 7.2–14.4 |
| Torv / Peat | 1 ton | 2.5-3 | 9–11 |
| Pellets, briketter / Pellets, briquettes | 1 ton | 4.5-5 | 16–18 |
| Kol / Coal | 1 ton | 7.56 | 27.2 |
| Koks / Coke | 1 ton | 7.79 | 28.1 |
| Kärnbränsle / Nuclear fuel | 1 toe | 11.6 | 41.9 |
| Råolja / Crude oil | 1 m ³ | 10.1 | 36.3 |
| Toppad råolja / Topped crude oil | 1 m ³ | 11.1 | 40.1 |
| Petroleumkoks ² / Petroleum coke | 1 ton | 9.70 | 34.9 |
| Asfalt, vägojlor / Asphalt, road dressing oils | 1 ton | 11.6 | 41.9 |
| Smörjoljor / Lubricating oils | 1 ton | 11.5 | 41.4 |
| Motorbensin ³ / Road fuel petrol | 1 m ³ | 9.04 | 32.6 |
| Gasbensin / Virgin naphta | 1 m ³ | 8.74 | 31.5 |
| Lättbensin / Light virgin naphta | 1 m ³ | 7.91 | 28.4 |
| Flygbensin / Aviation petrol | 1 m ³ | 8.51 | 30.6 |
| Andra lättoljor / Other light oils | 1 m ³ | 8.74 | 31.5 |
| Petroleumnafta / Petroleum naphta | 1 m ³ | 9.34 | 33.6 |
| Flygfotogen / Aviation paraffin | 1 m ³ | 9.58 | 34.5 |
| Annan fotogen och mellanoljor / Other paraffin and intermediate oils | 1 m ³ | 9.54 | 34.3 |
| Diesel ⁴ och eldningsolja 1 / Diesel fuel and gas oil | 1 m ³ | 9.96 | 35.9 |
| Tjocka eldningsoljor ⁵ nr 2–5 / Heavy fuel oils and bunker oil | 1 m ³ | 10.6 | 38.1 |
| Propan och butan / Propane and butane | 1 ton | 12.8 | 46.1 |
| Stadsgas, koksugsgas / Gasworks gas, coking gas | 1000 m ³ | 4.65 | 16.7 |
| Naturgas ⁶ / Natural gas | 1000 m ³ | 9.99 | 36.0 |
| Masugsgas / Blast furnace gas | 1000 m ³ | 0.930 | 3.35 |

Anm: ¹I tabellen anges omräkningsfaktorer med 3 värdesiffror.

I beräkningarna används fler värdesiffror.

Före år 2001 användes:

²en faktor 9,67 (för omräkning till MWh) resp. 34,8 (för omräkning till GJ). ³en faktor 8,72 (MWh) resp. 31,4 (GJ). ⁴en faktor 9,89 (MWh) resp. 35,6 (GJ). ⁵en faktor 10,8 (MWh) resp. 38,9 (GJ). ⁶en faktor 9,72 (MWh) resp. 35,0 (GJ). För naturgas anges effektivt värmevärde. Det kalorimetriska värmevärdet är fr.o.m år 2001 11,1 för omräkning till MWh. Före år 2001 var faktorn 10,8.

IV

Omvandling mellan energienheter som används i *Energiläget* Conversion between energy units as used in *Energy in Sweden*

| | GJ | MWh | toe | Mcal |
|-------------|--------|---------|--------|-------|
| GJ | 1 | 0,28 | 0,02 | 239 |
| MWh | 3,6 | 1 | 0,086 | 860 |
| toe | 41,9 | 11,63 | 1 | 10000 |
| Mcal | 0,0419 | 0,00116 | 0,0001 | 1 |

V

Prefix som används för energienheter i *Energiläget* Prefixes used with energy units in *Energy in Sweden*

| PREFIX | FAKTOR |
|--------|---------------------------------|
| k Kilo | 10 ³ tusen |
| M Mega | 10 ⁶ miljon |
| G Giga | 10 ⁹ miljard |
| T Tera | 10 ¹² biljon |
| P Peta | 10 ¹⁵ tusen biljoner |

Ett effektivt och miljövänligt energisystem

Energimyndigheten är Sveriges centrala myndighet för energifrågor. Vi arbetar för omställningen till ett miljövänligt, tryggt och effektivt energisystem i Sverige, men också på internationell nivå.

Energimyndigheten verkar för effektivare energimarknader, med ett större inslag av förnybar energi. Vi utövar tillsyn över nätföretagens verksamhet och har ansvar för landets energiberedskap. Myndigheten stöder ett stort antal forsknings- och utvecklingsprogram på energiområdet i samarbete med universitet, högskolor och näringsliv.

An efficient and environmentally sustainable energy system

The Swedish Energy Agency is the central Swedish authority on energy. The agency works for the transformation of the Swedish energy system towards an environmentally friendly, secure and efficient energy system. The agency also cooperates at the international level.

The Swedish Energy Agency promotes efficient energy markets, and increased production from renewable energy sources. The agency is the regulator for gas and electricity grid services in Sweden and is also responsible for energy preparedness measures. The Agency supports a large number of research and development programmes in the energy field in cooperation with universities, institutes of technology and industry.



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