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AC/127-D/545

ECONOMIC COMMITTEE

Addendum to document AC/127-D/545
14th March, 1977

Note by the Chairman

This addendum is to be attached to document AC/127-D/545
"Appreciation of the Economic Position of NATO and Warsaw Pact
member countries for the period up to 1984" circulated
14th March, 1977.

(Signed) J. BILLY

NATO,
1110 Brussels.

N A T O C O N F I D E N T I A L

TABLE 1
POPULATION OF NATO COUNTRIES
(Unit: 000)

| | 1970 | 1975 | 1980 | 1985 |
|----------------|---------|---------|-----------|-----------|
| Belgium | 9,638 | 9,801 | 9,864 | 9,930 |
| Denmark | 4,929 | 5,060 | 5,160 | 5,240 |
| Germany | 60,651 | 61,832 | 59,600(1) | 58,100(1) |
| Iceland | 205 | 213 | 240 | 255 |
| Italy | 53,661 | 55,812 | 57,213 | 58,598 |
| Luxembourg | 340 | 359 | 379 | 399 |
| Netherlands | 13,032 | 13,654 | 14,394 | 15,096 |
| Norway | 3,877 | 4,007 | 4,191 | 4,374 |
| Portugal | 8,723 | 9,448 | 9,141 | 8,844 |
| Turkey | 35,321 | 40,063 | 45,363 | 51,551 |
| United Kingdom | 55,522 | 56,042 | 57,454 | 58,973 |
| DPC Europe | 245,899 | 256,296 | 262,999 | 271,360 |
| Canada | 21,324 | 22,831 | 24,847 | 27,041 |
| United States | 204,879 | 213,631 | 228,222 | 244,745 |
| TOTAL DPC | 472,102 | 492,758 | 516,068 | 543,146 |
| France | 50,768 | 52,743 | 55,660 | 58,788 |
| Greece | 8,793 | 9,046 | 9,228 | 9,414 |
| NATO EUROPE | 305,460 | 318,085 | 327,887 | 339,562 |
| TOTAL NATO | 531,663 | 554,547 | 580,956 | 611,348 |

(1) Revised estimate reported by the German Authorities.

Source: NATO Statistics Service (1976 OECD data)

NOTE: Since this document was drawn up new preliminary figures have been issued by the OECD (see MAS(77)1 - 25.1.77). However, in general, the revised version does not affect the statements made in the text.

TABLE 2
POPULATION OF WORKING AGE
(15-64 years)

(millions)

| | 1970 | 1975 | 1980 | 1985 | Population 15-64 years as % of total | |
|----------------|-------|-------|-------|-------|--|------|
| | | | | | 1970 | 1985 |
| Belgium | 6.1 | 6.2 | 6.3 | 6.6 | 63.3 | 66.5 |
| Denmark | 3.2 | 3.2 | 3.3 | 3.4 | 64.9 | 64.7 |
| Germany | 39.2 | 39.6 | 40.7 | .. | 64.6 | .. |
| Iceland | 0.12 | 0.13 | .. | .. | 58.5 | .. |
| Italy | 35.3 | 35.7 | 36.3 | 38.0 | 65.8 | 64.8 |
| Luxembourg | 0.22 | 0.23 | 0.25 | 0.25 | 64.7 | 62.3 |
| Netherlands | 8.1 | 8.7 | 9.1 | 9.5 | 62.2 | 62.9 |
| Norway | 2.4 | 2.5 | 2.5 | 2.6 | 61.9 | 59.3 |
| Portugal | 5.6 | 5.4 | 5.3 | 5.5 | 64.2 | 67.0 |
| Turkey | 19.2 | 22.4 | 25.8 | 29.7 | 54.4 | 57.6 |
| United Kingdom | 35.3 | 35.5 | 36.4 | 37.6 | 63.6 | 63.6 |
| DPC Europe | 154.8 | 159.6 | 166.1 | .. | 63.0 | .. |
| Canada | 13.0 | 14.8 | 16.4 | 18.0 | 61.0 | 66.6 |
| United States | 124.4 | 137.5 | 147.6 | 154.4 | 61.0 | 62.9 |
| TOTAL DPC | 292.2 | 311.9 | 330.1 | .. | 62.0 | .. |
| France | 31.5 | 33.0 | 34.7 | 37.3 | 62.0 | 63.4 |
| Greece | 5.7 | 5.8 | 6.0 | 6.2 | 64.8 | 66.2 |
| NATO EUROPE | 192.0 | 198.4 | 206.8 | .. | 62.9 | .. |
| TOTAL NATO | 329.4 | 350.7 | 370.8 | .. | 62.0 | .. |

.. not available

Source: NATO Statistics Service (See notes to Table 1)

TABLE 3

POPULATION GROWTH RATES

| | 1965/70 | 1970/75 | 1975/80 | 1980/85 |
|---------------|---------|---------|---------|---------|
| <u>Europe</u> | | | | |
| - DPC | 0.8 | 0.8 | 0.8 | 0.8 |
| - NATO | 0.8 | 0.8 | 0.8 | 0.9 |
| Canada | 1.6 | 1.4 | 1.7 | 1.7 |
| United States | 1.1 | 0.8 | 1.8 | 1.4 |
| TOTAL NATO | 0.9 | 0.8 | 1.0 | 1.1 |

LABOUR FORCE GROWTH RATE

| | 1965/70 | 1970/75 | 1975/80 | 1980/85 |
|---------------|---------|---------|---------|---------|
| <u>Europe</u> | | | | |
| - DPC | 0.1 | 0.4 | 0.2 | 0.7 |
| - NATO | 0.2 | 0.4 | 0.7 | 0.9 |
| Canada | 3.1 | 3.6 | 3.6 | 3.6 |
| United States | 2.2 | 2.0 | 1.7 | 1.2 |
| TOTAL NATO | 1.0 | 1.2 | 1.2 | 1.2 |

Source: NATO Statistics Service (see note to Table 1)

TABLE 4

THE GROWTH OF GROSS DOMESTIC PRODUCT

| | Average 1960-1970 | 1974 | 1975 | 1976 | 1975/80 |
|----------------|----------------------|------|------|------|---------|
| Belgium | 5.0 | 4.2 | -1.9 | 3.0 | 5.0 |
| Denmark | 4.8 | 1.1 | -1.7 | 5.5 | 4.0 |
| Germany | 4.9 | 0.7 | -3.3 | 6.0 | 5.0 |
| Iceland | 4.3 | 3.9 | -3.6 | -0.9 | .. |
| Italy | 5.5 | 3.4 | -3.7 | 4.0 | 4.5 |
| Luxembourg | 3.3 | 3.4 | -7.7 | 4.2 | .. |
| Netherlands | 5.3 | 2.4 | -1.1 | 4.0 | 4.5 |
| Norway | 5.0 | 5.3 | 3.3 | 6.0 | 7.5 |
| Portugal | 6.2 | 3.9 | -3.6 | 3.0 | .. |
| Turkey | 5.7 | 8.5 | 9.0 | 8.1 | .. |
| United Kingdom | 2.8 | 0.3 | -1.3 | 2.3 | 3.5 |
| DPC Europe | 4.6 | 1.8 | -2.1 | 4.6 | .. |
| Canada | 5.2 | 3.2 | 0.6 | 5.0 | 6.0 |
| United States | 3.9 | -1.7 | -1.4 | 6.0 | 5.75 |
| TOTAL DPC | 4.2 | -0.1 | -1.6 | 5.4 | .. |
| France | 5.7 | 2.9 | -1.3 | 6.3 | 6.0 |
| Greece | 7.6 | -3.1 | 5.5 | 5.0 | .. |
| NATO EUROPE | 4.8 | 1.9 | -1.8 | 5.0 | .. |
| TOTAL NATO | 4.4 | 0.1 | -1.5 | 5.5 | .. |

Source: NATO Statistics Service (based on latest OECD data)

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TABLE 5

GROSS DOMESTIC PRODUCT PER HEAD IN 1974, 1975 AND 1976
(US \$ 1974 constant prices and 1974 exchange rates)

| | GDP \$000 million | Per head (1974 prices) | | |
|----------------|----------------------|------------------------|-------|-------|
| | | 1974 | 1975 | 1976 |
| Belgium | 53.4 | 5,466 | 5,348 | 5,496 |
| Denmark | 30.2 | 5,990 | 5,869 | 6,155 |
| Germany | 386.3 | 6,226 | 6,045 | 6,466 |
| Iceland | 1.4 | 6,489 | 6,170 | 6,031 |
| Italy | 152.8 | 2,757 | 2,635 | 2,719 |
| Luxembourg | 2.2 | 6,118 | 5,613 | 5,785 |
| Netherlands | 69.5 | 5,134 | 5,036 | 5,186 |
| Norway | 23.3 | 5,851 | 6,011 | 6,328 |
| Portugal | 13.3 | 1,511 | 1,354 | 1,396 |
| Turkey | 29.0 | 744 | 790 | 852 |
| United Kingdom | 191.0 | 3,407 | 3,363 | 3,432 |
| DPC Europe | 952.4 | 3,746 | 3,637 | 3,800 |
| Canada | 146.4 | 6,512 | 6,451 | 6,686 |
| United States | 1,407.2 | 6,641 | 6,497 | 6,825 |
| TOTAL DPC | 2,506.0 | 5,128 | 5,007 | 5,251 |
| France | 265.4 | 5,055 | 4,966 | 5,229 |
| Greece | 19.2 | 2,139 | 2,236 | 2,338 |
| NATO EUROPE | 1,237.0 | 3,918 | 3,817 | 3,997 |
| TOTAL NATO | 2,790.6 | 5,073 | 4,958 | 5,202 |

Source: NATO Statistics Service (based on latest OECD data)

TABLE 6

IMPLICIT GROSS DOMESTIC PRODUCT DEFLATORS
(yearly % increases)

| | average 1960-1970 | 1974 | 1975 | 1976 |
|----------------|----------------------|------|------|------|
| Belgium | 3.4 | 12.6 | 12.1 | 9.5 |
| Denmark | 6.0 | 10.3 | 12.6 | 9.0 |
| Germany | 3.5 | 6.9 | 8.1 | 3.5 |
| Iceland | 12.8 | 40.5 | 41.1 | 31.8 |
| Italy | 4.6 | 16.8 | 17.6 | 17.9 |
| Luxembourg | 4.2 | 13.2 | 2.9 | 12.6 |
| Netherlands | 5.1 | 8.7 | 11.0 | 8.8 |
| Norway | 4.3 | 9.9 | 11.1 | 9.5 |
| Portugal | 3.1 | 16.1 | 14.5 | 14.5 |
| Turkey | 5.9 | 26.7 | 16.5 | 14.5 |
| United Kingdom | 4.2 | 13.4 | 27.8 | 16.3 |
| DPC Europe | 4.0 | 11.0 | 14.7 | 10.2 |
| Canada | 3.0 | 14.3 | 10.7 | 8.8 |
| United States | 2.8 | 10.0 | 9.4 | 5.3 |
| TOTAL DPC | 3.2 | 10.6 | 11.4 | 7.3 |
| France | 4.3 | 11.5 | 14.1 | 11.0 |
| Greece | 3.2 | 23.9 | 11.6 | 11.0 |
| NATO EUROPE | 4.1 | 11.3 | 14.5 | 10.4 |
| TOTAL NATO | 3.3 | 10.8 | 11.7 | 7.7 |

Source: NATO Statistics Service (based on latest OECD data)

TABLE 7

The Current Balance of Payments of
OECD countries 1974 to 1976

| Country | 1974 | 1975 | 1976 |
|--------------------|---------|---------|---------|
| Canada | -1,700 | -4,900 | -4,000 |
| United States | -600 | +11,700 | -1,250 |
| Japan | -4,700 | -700 | +3,750 |
| France | -6,000 | -100 | -6,000 |
| Germany | 9,700 | 3,900 | 4,000 |
| Italy | -8,000 | -600 | -2,750 |
| United Kingdom | -8,700 | -3,700 | -3,250 |
| Belgium/Luxembourg | 600 | 300 | -250 |
| Netherlands | 2,000 | 1,600 | 2,000 |
| Austria | -472 | -312 | -1,150 |
| Denmark | -910 | -512 | -1,650 |
| Finland | -1,212 | -2,175 | -1,000 |
| Greece | -1,238 | -999 | -900 |
| Iceland | -155 | -144 | -55 |
| Ireland | -708 | -50 | -200 |
| Norway | -1,238 | -2,481 | -3,500 |
| Portugal | -829 | -736 | -1,150 |
| Spain | -3,146 | -3,477 | -3,800 |
| Sweden | -936 | -1,585 | -1,600 |
| Switzerland | 171 | 2,586 | 3,900 |
| Turkey | -634 | -1,808 | -1,450 |
| EEC | -12,000 | 750 | -8,500 |
| TOTAL OECD | -33,000 | -6,500 | -22,500 |

Source: OECD Economic Outlook, June and December, 1976.

TABLE 8

A. ENERGY REQUIREMENTS AND SUPPLY
1974 for NATO; 1975 for Warsaw Pact

Total Domestic Energy Requirement

(millions of tons of oil equivalent (a))

| | Solid fuels | Oil and Petrol | Gas | Nuclear Power | Hydro and Geothermal Power | Total Requirements |
|--------------------------|-------------|----------------|------------|---------------|----------------------------|--------------------|
| NATO Europe | 225 | 559 | 135 | 16 | 44 | 979 |
| Canada | 15 | 82 | 38 | 4 | 55 | 193 |
| United States | 328 | 762 | 518 | 29 | 76 | 1714 |
| TOTAL NATO | 568 | 1403 | 691 | 49 | 175 | 2886 |
| Eastern Europe | 227 | 89.2 | 61 | 0.8 | 30.2 | 408.2 |
| USSR | 406 | 368 | 260 | 1.7 | 89.2 | 1124.9 |
| TOTAL Warsaw Pact | 633 | 457.2 | 321 | 2.5 | 119.4 | 1533.1 |

Net Imports/Exports of Energy

| | Solid fuels | Oil and Petrol | Gas | Nuclear Power | Hydro and Geothermal Power | Total |
|--------------------------|--------------|----------------|------------|---------------|----------------------------|---------------|
| NATO Europe | 24 | 598 | 6 | - | - | 633 |
| Canada | 1 | -9 | -22 | - | - | -30 |
| United States | -32 | 289 | 21 | - | - | 278 |
| TOTAL NATO | -7 | 878 | 5 | - | - | 873 |
| Eastern Europe | 11.2 | 78.1 | 10.1 | - | 1.5 (c) | 100.9 |
| USSR | -18.2 | -122.7 (b) | -6.2 | - | (neg) | -147.1 |
| TOTAL Warsaw Pact | - 7.0 | - 44.6 | 3.9 | - | 1.5 | - 46.2 |

For notes see following page

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Sources: OECD, Energy Balance of OECD Countries (Paris 1976) p.1
ff. D. Lascelles, COMECON to 1980 (London, 1976):
Joint Ec. Comm. Soviet Economy in a New Perspective,
Washington, 1976, 475 ff.

- (a) Totals also take into account marine bunkers and changes in stocks. The coefficients of oil equivalents used for the different sources of energy are based on information from national organizations concerning the calorific value of the type and quality of energy source. (See OECD source reference). Minus signs indicate net exports. It should be noted that Eastern European imports of energy are mostly from the Soviet Union.
- (b) New exports = Total oil exports by USSR: 130.3m tons less Soviet imports of 7.6m tons.
- (c) Electricity imports are mainly within the East European bloc with only negligible amounts from the USSR. Consequently each of the two areas of the Warsaw Pact was broadly self-sufficient in 1975.

TABLE 8

B. ENERGY OUTLOOK

Total requirements (millions of tons of oil equivalent)

| | 1970 | 1974 | 1980(a) | 1985(a) |
|-----------------------------|-------------|-------------|------------------|------------------|
| NATO Europe | 838 | 979 | 1278/1413 | 1607/1785 |
| Canada | 155 | 193 | 211/235 | 249/293 |
| United States | 1570 | 1714 | 2164/2358 | 2522/2881 |
| TOTAL NATO | 2563 | 2886 | 3653/4006 | 4378/4959 |
| Eastern Europe | 377 | 404 | 590 | 753 |
| USSR | 853 | 1024 | 1411 | 1801 |
| TOTAL WARSAW PACT(b) | 1231 | 1428 | 2001 | 2554 |

(a) Upper/lower OECD projections

(b) 1985 figures based on across the board average of 5% per year increase over 1980 figures.

TABLE 8

C. NET OIL IMPORTS

(millions of tons of oil equivalent)

| | 1970 | 1974 | 1980(a) | 1985(a) |
|--------------------------|--------------|--------------|-----------------|-----------------|
| NATO Europe | 539 | 595 | 577/895 | 723/1120 |
| Canada | 4 | -9 | -60/-5 | -100/30 |
| United States | 161 | 289 | 118/636 | -107/886 |
| TOTAL NATO | 704 | 875 | 635/1526 | 516/2036 |
| Eastern Europe | 45.2 | 70.3 | 108.0(b) | 135 |
| USSR | -91.4 | -110.8 | -150(c) | -159/-176(d) |
| TOTAL Warsaw Pact | -46.2 | -40.5 | -42 | -24/-41 |

- (a) For NATO countries upper/lower of OECD projections
- (b) Based on Five-Year Plan targets
- (c) Net exportable surplus obtained by using lower end of production target (620 m.tons) less domestic consumption put at 470 m.tons. In addition, 15 m.tons may be imported and re-exported
- (d) For 1981-1985, based on the following assumptions by the Economic Directorate:
 - (i) growth rate of consumption (3.5%) roughly equal to that of the GNP (Western concept) of 3.7% a year (see paragraph 84), consumption could be on the order of 560 m.tons
 - (ii) production has been assumed to grow at the rate of 3½-4% a year (719-736 m.tons in 1985).

Sources: OECD/1970-1974 OECD Energy Balance 1976
 OECD/1980-1985 OECD Long term projections
 Warsaw Pact/Yearbooks of COMECON countries, Joint Economic Congress, Soviet Economy in a New Perspective (Washington 1976), and C-M(76)57
 OECD, World Energy Outlook 1977
 1974 East European figures in US Govt. "CEMA, Integration Through Energy?", 19th February, 1976, p. 3.

TABLE 9
PERSONNEL STRENGTH (MILITARY AND CIVILIAN)
OF THE ARMED FORCES

| | (thousands) | | | |
|----------------|-------------|--------|---------|--------|
| | 1965 | 1970 | 1975 | 1976 |
| Belgium | 125.5 | 115.4 | 111.4 | 112.6 |
| Denmark | 55.7 | 51.2 | 43.7 | 45.8 |
| Germany | 581.3 | 628.3 | 667.8 | 676.0 |
| Iceland | - | - | - | - |
| Italy | 530.7 | 596.6 | 520.7 | 540.8 |
| Luxembourg | 2.4 | 1.2 | 1.3 | 1.3 |
| Netherlands | 151.4 | 140.6 | 134.4 | 133.7 |
| Norway | 49.1 | 47.8 | 48.9 | 49.7 |
| Portugal | 186.5 | 234.3 | 112.1 | 105.7 |
| Turkey | 520.7 | 661.3 | .. | .. |
| United Kingdom | 803.4 | 724.7 | 642.5 | 634.3 |
| DPC Europe | 3006.7 | 3201.4 | .. | .. |
| Canada | 149.3 | 129.8 | 116.6 | 117.3 |
| United States | 3885.1 | 3831.7 | 3,164.0 | 3168.0 |
| TOTAL DPC | 7041.1 | 7162.9 | .. | .. |
| France | 742.4 | 709.2 | 714.7 | 716.7 |
| Greece | 198.6 | 201.2 | 212.5 | 214.8 |
| NATO EUROPE | 3947.7 | 4111.8 | .. | .. |
| TOTAL NATO | 7982.1 | 8073.3 | .. | .. |

Source: Country replies to Defence Planning Questionnaire

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TABLE 10
PERCENT OF ARMED FORCES CONSCRIPTED

| Country | 1965 | 1970 | 1975 | 1980 |
|-----------------|------|------|------|------|
| Belgium | 43.8 | 42.2 | 38.8 | 21.4 |
| Canada | 0.0 | 0.0 | 0.0 | 0.0 |
| Denmark | 57.6 | 59.6 | 23.0 | 31.8 |
| F.R. of Germany | 49.5 | 47.9 | 48.7 | 45.2 |
| Greece | 83.6 | 68.1 | .. | .. |
| Italy | 76.6 | 75.4 | 69.0 | 69.2 |
| Luxembourg | 55.6 | 0.0 | 0.0 | 0.0 |
| Netherlands | 58.0 | 48.2 | 50.9 | .. |
| Norway | 56.2 | 62.6 | 67.8 | 66.5 |
| Portugal | 83.2 | 86.1 | 72.2 | 68.7 |
| Turkey | 85.3 | 88.3 | .. | .. |
| United Kingdom | 0.0 | 0.0 | 0.0 | 0.0 |
| United States | 11.3 | 17.6 | 2.5 | 2.5 |

.. Not available.

Source: Country replies to Annual NATO Defence Planning Questionnaires

TABLE 11
DEFENCE EXPENDITURE TRENDS

| Country | % ANNUAL CHANGE - FISCAL YEARS | | | | | |
|----------------|--------------------------------|-------|------|---------------|-------|-------|
| | IN MONETARY TERMS | | | IN REAL TERMS | | |
| | 1974 | 1975 | 1976 | 1974 | 1975 | 1976 |
| Belgium | 17.3 | 21.9 | 13.6 | 5.7 | 6.9 | 3.7 |
| Canada | 12.7 | 17.5 | 14.5 | -2.4 | 3.6 | 2.3 |
| Denmark | 25.4 | 14.0 | - | 3.5 | 2.0 | 2.8 |
| Germany | 11.7 | 5.5 | 3.3 | 4.5 | -2.5 | -0.2 |
| Italy | 19.2 | 8.9 | 13.6 | -1.3 | -3.0 | .. |
| Luxembourg | 18.1 | 17.7 | 7.7 | 8.7 | 6.2 | -0.3 |
| Netherlands | 14.4 | 15.9 | 6.4 | 0.1 | 1.2 | 0.4 |
| Norway | 12.4 | 21.2 | 9.4 | 1.2 | 4.1 | -0.8 |
| Portugal | 50.0 | -20.8 | -7.0 | 34.4 | -29.9 | -21.2 |
| Turkey | 31.4 | .. | .. | 1.1 | .. | .. |
| United Kingdom | 19.7 | 26.7 | 16.8 | -3.9 | 2.9 | 2.5 |
| United States | 9.6 | 6.1 | 7.9 | -2.6 | -0.9 | 1.6 |

.. not available

Source: Economic Directorate based on inputs to the 1976
NATO Defence Review

TABLE 12
DEFENCE EXPENDITURES PER HEAD
(in constant 1974 prices)
and exchange rates

| Country | US \$ | | | |
|----------------|-------|------|------|------|
| | 1974 | 1975 | 1976 | 1982 |
| Belgium | 151 | 161 | 166 | 200 |
| Canada | 130 | 123 | 124 | 140 |
| Denmark | 144 | 147 | 150 | 150 |
| Germany | 230 | 225 | 226 | 250 |
| Italy | 79 | 76 | .. | 90 |
| Luxembourg | 51 | 54 | 53 | 50 |
| Netherlands | 172 | 172 | 171 | 180 |
| Norway | 179 | 185 | 182 | 200 |
| Portugal | 112 | 73 | 58 | .. |
| Turkey | .. | ... | .. | .. |
| United Kingdom | 174 | 176 | 180 | 180 |
| United States | 405 | 389 | 394 | 450 |

.. not available

Source: Economic Directorate, based on inputs to the 1976 NATO Defence Review and Force Goals Exercise

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TABLE 13
DEFENCE EXPENDITURES AS A PERCENT
OF THE GROSS DOMESTIC PRODUCT

| Country | 1974 | 1975 | 1976 | 1982* |
|----------------|------|------|---------|-------|
| Belgium | 2.8 | 3.1 | 3.1 | 3.0 |
| Canada | 2.0 | 2.0 | 2.0 | 1.7 |
| Denmark | 2.4 | 2.6 | 2.5/2.6 | 2.1 |
| Germany | 3.6 | 3.6 | 3.4 | 3.2 |
| Italy | 2.9 | 2.8 | 2.6 | 2.6 |
| Luxembourg | 0.8 | 1.0 | 1.0 | 0.9 |
| Netherlands | 3.3 | 3.5 | 3.3 | 3.0 |
| Norway | 3.1 | 3.2 | 3.0 | 2.2 |
| Portugal | 7.4 | 5.3 | 4.2 | .. |
| Turkey | 3.9 | .. | .. | .. |
| United Kingdom | 5.1 | 5.0 | 5.1 | 4.7 |
| United States | 6.1 | 6.0 | 5.9 | 5.0 |
| DPC Europe (a) | 3.7 | 3.8 | 3.6 | 3.4 |

.. not available

(a) Excluding Greece and Turkey.

Source: Economic Directorate based on inputs to the 1976
NATO Defence Review and Force Goals Exercise

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TABLE 14

Resource Availabilities for Defence

Financial Plans and agreed Force Goals Challenge(a)

| Country | Yearly cumulative rate of increase of defence expenditures (in 1974 constant prices) 1977 to 1982 | | | Annual Average GDP Growth Rate (IS 1976 estimate used for the FG exercise(b)) 1977-1982 |
|----------------|---|------------------------|---|---|
| | National Plan | Agreed FG(b) Challenge | Total (National Plan + FG(b) Challenge) | |
| Belgium | 3.85% | + 0.11% | 3.96% | 3.75 |
| Canada | 2.0% | + 1.2% | 3.2% | 5.0 |
| Denmark | 0% | + 3.0% | 3.0% | 3.5 |
| Germany | 2.0% | + 0.62% | 2.62% | 3.25 |
| Italy | 2.9% | + 0.6% | 3.5% | 4.0 |
| Luxembourg | 1.5% | + 0.9% | 2.4% | 3.0 |
| Netherlands | 1.4% | + 0.3% | 1.7% | 3.75 |
| Norway | 2.25% | + 2.25% | 4.5% | 6.8 |
| Portugal | -3.6% | + (c) | -3.6% | 4.0 |
| United Kingdom | 0% | + 0.3% | 0.3% | 3.0 |
| United States | 2.0% | + 0.3% | 2.3% | 6.0 |

(a) As agreed by Ministers in the 1977-82 Force Goals Exercise (DPC/D(76)7-GENERAL REPORT and Country series of documents)

(b) Force Goals - see report

(c) Depending on external assistance

TABLE 15
WARSAW PACT - TOTAL POPULATION
(thousands)

| | 1970 | 1975 | 1980 | 1985 |
|-------------------|---------|---------|---------|---------|
| Bulgaria | 8,464 | 8,710 | 9,008 | 9,253 |
| Czechoslovakia | 14,309 | 14,738 | 15,337 | 15,823 |
| East Germany | 17,075 | 16,897 | 16,751 | 16,722 |
| Hungary | 10,322 | 10,509 | 10,808 | 11,019 |
| Poland | 32,397 | 33,846 | 35,705 | 37,535 |
| Romania | 20,140 | 21,142 | 22,156 | 23,010 |
| Total East Europe | 102,707 | 105,842 | 109,765 | 113,362 |
| USSR | 242,757 | 254,462 | 267,057 | 280,383 |
| Total Warsaw Pact | 345,464 | 360,304 | 376,822 | 393,745 |

Sources: M. Feshbach, Population and Manpower Trends and Policies (Washington 1976), p. 2.
 US Department of Commerce, Projections of the Population of the Communist countries of Eastern Europe, by Age and Sex, 1975 to 2000 (Washington 1976), p. 1, 4. Projections based on "medium" rate of increase.
 1970 figures for East Europe, Joint Economic Committee, Reorientation and Commercial Relations of the Economies of Eastern Europe (Washington 1974).

TABLE 16
WARSAW PACT - POPULATION OF WORKING AGE
(thousands)

| | 1971* | 1975 | 1980 | 1985 |
|-----------------------|---------|---------|---------|---------|
| Bulgaria | 4,543 | 5,846 | 5,925 | 6,129 |
| Czechoslovakia | 7,337 | 9,531 | 9,658 | 10,061 |
| East Germany | 8,462 | 10,452 | 10,750 | 11,292 |
| Hungary | 5,041 | 7,076 | 6,992 | 7,182 |
| Poland | 16,556 | 22,515 | 23,533 | 24,625 |
| Romania | 10,668 | 13,824 | 14,057 | 15,090 |
| Total East Europe (a) | 52,607 | 69,245 | 70,915 | 74,379 |
| USSR (b) | 125,612 | 135,767 | 146,068 | 152,647 |
| Total Warsaw Pact | 178,219 | 204,844 | 216,661 | 226,547 |

- Sources: (a) US Dept. of Commerce, Projections of the Population of the Communist Countries of Eastern Europe, by Age and Sex: 1975 to 2000, p. 50 using medium range. Population of working age in the case of Eastern Europe is 15-64. Figures on labour force not available. Figures based on medium projection.
- (b) Soviet figures concern labour force only, not strictly comparable to East European figures but the trends in both cases are more or less similar, in M. Feshbach, "Population and Manpower Trends and Policies" in Soviet Economy in a New Perspective, p. 132.

* 1971 figures in Joint Economic Committee, Re-orientation and Commercial Relations of the Economies of Eastern Europe (Washington 1974) p. 436-7.

TABLE 17

WARSAW PACT
GROWTH IN NET MATERIAL PRODUCT

| | 1971-75 average yearly increase | Planned 1976-80 average yearly increase |
|-------------------|---------------------------------------|--|
| Bulgaria | 7.8 | 8.4 |
| Czechoslovakia | 5.7 | 5.1 |
| East Germany | 5.4 | 4.9-5.4 |
| Hungary | 6.2 | 5.4-5.7 |
| Poland | 10.1 | 6.9-7.2 |
| Romania | 11.2 | 10-10.9 |
| Total East Europe | 7.8 | * |
| USSR | 5.1 | 4.7 |
| Total Warsaw Pact | 6.4 | 5.4 |

Source: For 1971-75 averages, National Handbooks and D. Lascelles COMECON to 1980 (London, 1976), p.15; Notes et Etudes Documentaires 11 mai, 1976. p. 61
For 1976-80 averages:

Bulgaria: Radio Free Europe Research/240, 24th November, 1976

Czechoslovakia: Problèmes économiques, 14 juillet, 1976 p. 25

East Germany: Lascelles. op.cit. p.17

Hungary: Lascelles. op.cit. p.15

Poland: Gierek's Speech to 5th Central Committee Plenum, 1st December, 1976

Romania: Radio Free Europe Research/239.

23rd November, 1976. Due to the March 1977 earthquake damage, Romania's 1977-80 growth rate may fall somewhat below the Plan target

USSR: Ekonomicheskaya gazeta, Nov./76, No. 46.p.12

* Economic estimate of about 6.7 to 7.1%

WARSAW PACT

Net Material Product and Estimated GNP(a)

| | Net Material Product ^b in billion of national currency units and in current prices | | | Estimated Gross National Product ^c in billion of constant 1975 US dollars | | |
|---------------------------|--|--------|-------|---|-------|-------|
| | 1973 | 1974 | 1975 | 1973 | 1974 | 1975 |
| USSR (rouble) | 338 | 354 | 362 | 812.3 | 846.7 | 865.3 |
| Bulgaria (leva) | 12.1 | 13.0 | 14.2 | 20.1 | 21.4 | 23.1 |
| Czechoslovakia (Crown) | 363.2 | 390.6 | .. | 51.5 | 53.9 | 56.6 |
| GDR (Mark) | 126.8 | 134.9 | 141.6 | 63.4 | 66.8 | 70.2 |
| Hungary (Forint) | 360.3 | 377.2 | .. | 25.4 | 26.8 | 27.8 |
| Poland (zloty) | 1064.8 | 1209.3 | .. | 78.7 | 84.4 | 89.9 |
| Romania (lei) | 293.0 | 329.5 | 362.0 | 43.3 | 47.5 | 51.4 |
| CMEA | - | - | - | 1090 | 1150 | 1180 |

- (a) The Net Material Product used by the Warsaw Pact countries differs considerably from the Western concept of Gross National Product mainly as the former excludes services. There are several Western estimates of the equivalent GNP expressed in dollars. The figures shown in this table are United States estimates subject to further study.
- (b) Source: The European Economy in 1975, Part I, ECE(XXXI)/1
- (c) Source: Handbook of Economic Statistics, 1976, United States Authorities

TABLE 19

TRADE OF THE WARSAW PACT WITH MAIN AREAS
(Billion dollars f.o.b and percentages)

| Country | Value in 1975 \$ bn. | Destination/Origin (Share in total exports or imports) | | | |
|--|-------------------------------|--|-------------------|-------------------------------|-------------------------|
| | | USSR | Eastern Europe | Developed market economies | Developing countries |
| | | 1975 | 1975 | 1975 | 1975 |
| <u>Exports of:</u> | | | | | |
| Bulgaria | 4.61 | 55.5% | 19.4% | 11.9% | 12.0% |
| Czechoslovakia | 8.15 | 31.7 | 31.6 | 24.8 | 10.5 |
| East Germany(a) | 10.12 | 35.5 | 32.4 | 25.6 | 4.7 |
| Hungary | 5.36 | 38.9 | 28.9 | 21.3 | 9.3 |
| Poland | 10.29 | 31.5 | 25.2 | 33.7 | 8.6 |
| Romania | 5.34 | 19.9 | 18.5 | 37.5 | 19.3 |
| <u>Total Eastern Europe</u> | 43.86 | 34.5 | 27.1 | 26.9 | 9.8 |
| USSR | 32.21 | - | 49.4 | 29.0 | 18.3 |
| <u>Total Eastern Europe and the USSR</u> | 76.07 | 19.9 | 36.5 | 27.7 | 13.4 |
| <u>Imports into:</u> | | | | | |
| Bulgaria | 5.31 | 51.3 | 18.1 | 24.4 | 5.6 |
| Czechoslovakia | 8.50 | 32.1 | 32.6 | 28.1 | 6.3 |
| East Germany(a) | 11.32 | 35.8 | 27.2 | 30.4 | 5.4 |
| Hungary(b) | 6.32 | 34.9 | 28.0 | 28.0 | 8.1 |
| Poland | 12.55 | 25.3 | 18.3 | 51.1 | 4.7 |
| Romania | 5.34 | 17.2 | 19.7 | 44.3 | 14.4 |
| <u>Total Eastern Europe</u> | 49.34 | 32.1 | 24.2 | 35.8 | 6.7 |
| USSR | 35.75 | - | 42.4 | 39.5 | 16.5 |
| <u>Total Eastern Europe and the USSR</u> | 85.09 | 18.6 | 31.8 | 37.4 | 10.8 |

(a) Including trade with the Federal Republic of Germany. The country breakdown has been estimated.

(b) Imports c.i.f.

Sources: National statistics as quoted in GATT, International Trade, 1975-1976, (Geneva 1976), p. 171

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N A T O U N C L A S S I F I E DADDENDUM to
AC/127-D/545TABLE 20TRADE BALANCES^a OF WARSAW PACT COUNTRIES WITH MAIN AREAS, IN 1973, 1974 AND 1975
(Million dollars f.o.b.)

| | | USSR | Bulgaria | Czechoslovakia | Germany (Dem. Rep.) ^b | Hungary ^c | Poland | Romania | Eastern Europe & the USSR |
|-----------------------------|------|-------|----------|----------------|----------------------------------|----------------------|--------|---------|---------------------------|
| World ^d | 1973 | 344 | 29 | -79 | -327 | 478 | -1405 | 229 | -731 |
| | 1974 | 2552 | -490 | -463 | -901 | -420 | -2168 | -269 | -2159 |
| | 1975 | -3539 | -709 | -347 | -1205 | -962 | -2256 | -1 | -9019 |
| Eastern Europe and the USSR | 1973 | -937 | 27 | 73 | 388 | 452 | -143 | 281 | 141 |
| | 1974 | 141 | -105 | -139 | 195 | 204 | -20 | 117 | 393 |
| | 1975 | 744 | -239 | -335 | -252 | -347 | 363 | 77 | 11 |
| Developed market economies | 1973 | -1028 | -74 | -204 | -780 | 27 | -1320 | -177 | -3556 |
| | 1974 | 332 | -513 | -375 | -859 | -549 | -2346 | -445 | -4755 |
| | 1975 | -4793 | -753 | -365 | -844 | -627 | -2938 | -360 | -10670 |
| Developing countries | 1973 | 1836 | 70 | 38 | 44 | -47 | 50 | 123 | 2114 |
| | 1974 | 1607 | 121 | 49 | 257 | -98 | 195 | 56 | 1673 |
| | 1975 | 25 | 253 | 324 | -134 | -10 | 298 | 264 | 1020 |

^a Exports minus imports.^b Including trade with the Federal Republic of Germany. For 1975, the country breakdown has been estimated.^c Balance (f.o.b.-c.i.f.).^d Includes trade with mainland China, North Korea, Viet-Nam and Mongolia.Sources: National statistics as quoted in GATT, International Trade, 1975-76 (Geneva, 1976) p.166

WARSAW PACT

Warsaw Pact Military Budgets

| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 |
|---|-------|------|------|------|------|-------|
| <u>USSR</u> | | | | | | |
| Official defence vote (1) (billion roubles) | 17.9 | 17.9 | 17.9 | 17.9 | 17.7 | 17.4 |
| Real estimated expenditure (2) (billion roubles 1970 prices) | 40/45 | .. | .. | .. | .. | 50/55 |
| Real estimated expenditure (3) (billion US dollars current prices) | 66/69 | .. | .. | .. | .. | 124. |
| <u>Other Warsaw Pact</u> | | | | | | |
| Official estimates (1)(4) | | | | | | |
| <u>Bulgaria</u> (billion leva) | 0.32 | 0.36 | 0.40 | 0.42 | 0.48 | 0.55 |
| <u>Czechoslovakia</u> (billion crowns) | 15.0 | 15.9 | 16.7 | 16.7 | 18.8 | 19.3 |
| <u>GDR</u> (billion marks) | 6.7 | 7.2 | 7.6 | 8.3 | 8.9 | 9.5 |
| <u>Hungary</u> (billion forints) | 8.9 | 9.4 | 9.7 | 9.8 | 10.6 | 11.3 |
| <u>Poland</u> (billion zlotys) | 35.4 | 37.6 | 39.8 | 41.1 | 45.2 | 47.3 |
| <u>Romania</u> (billion lei) | 7.1 | 7.5 | 7.8 | 7.9 | 8.6 | 9.7 |

.. not available

- (1) Official Warsaw Pact military budgets that cover only part of total military expenditure.
- (2) Western estimates of military expenditure in the USSR for the years 1970-75. These estimates, in roubles, can be compared to estimates in roubles of the Soviet GNP adjusted to the Western concept of national accounts. On this basis the proportion of national resources devoted to defence is between 11% and 13% of GNP.
- (3) Estimates of Soviet defence expenditure made in US dollars based on the cost of duplicating the Soviet military effort in the United States. These estimates cannot be used to measure the burden on the economy.
- (4) For these countries no generally agreed estimates of total military expenditure in national currencies are at present available. There are various estimates in US dollars usually made on the basis of official figures and of conversion rates that are guestimates of purchasing power parities. The position is similar concerning estimates of GNP in dollars (Western national accounts concepts). Various estimates of the defence shares in GNP are sometimes published that could be misleading. However, for the non-Soviet Warsaw Pact countries as a whole the ratio might be in the range of 5 to 7%. An evaluation of such estimates has not been made in NATO pending the results of further studies by Alliance Authorities.

Sources: C-M(76)66, 10th November, World Military Expenditure and Arms Transfers 1965-1974 (US Government) and published Warsaw Pact official figures.

TABLE 22
WARSAW PACT

A. Eastern Europe: Economic Profile

| | Unit of Measure ¹ | 1960 | 1965 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 |
|---|------------------------------|------|------|-------|-------|-------|-------|-------|-------|
| Aggregative data | | | | | | | | | |
| Gross national product ² | Billion 1975 US \$ | 157 | 191 | 239 | 252 | 266 | 282 | 301 | 319 |
| Total population (midyear) | Million | 96.7 | 99.8 | 103.0 | 103.7 | 104.3 | 104.8 | 105.5 | 106.1 |
| Fuels and power | | | | | | | | | |
| Primary energy (coal equivalents ³) | Million mt | 274 | 329 | 381 | 393 | 400 | 410 | 420 | 427 |
| Electric power (gross) | Billion kwh | 114 | 170 | 246 | 262 | 283 | 301 | 319 | 340 |
| Hard coal | Million mt | 140 | 158 | 180 | 186 | 190 | 196 | 202 | 212 |
| Brown coal and lignite | Million mt | 336 | 403 | 441 | 445 | 437 | 434 | 438 | 438 |
| Crude oil | Thousand b/d | 265 | 303 | 326 | 333 | 339 | 341 | 347 | 349 |
| Minerals and metals | | | | | | | | | |
| Crude steel | Million mt | 21.2 | 28.5 | 39.8 | 42.0 | 44.7 | 46.8 | 48.9 | 51.3 |
| Pig iron | Million mt | 13.4 | 17.9 | 23.8 | 24.9 | 26.4 | 27.9 | 28.9 | 29.9 |
| Iron ore | Million mt | 9.3 | 12.0 | 10.8 | 11.2 | 10.8 | 10.3 | 10.0 | 9.7 |
| Refined copper | Thousand mt | 101 | 140 | 204 | 226 | 273 | 313 | 361 | 419 |
| Primary aluminum | Thousand mt | 131 | 176 | 359 | 371 | 392 | 419 | 468 | 486 |
| Agriculture | | | | | | | | | |
| Grain ⁴ | Million mt | 47.9 | 53.1 | 54.7 | 67.5 | 73.2 | 72.6 | 75.1 | 72.6 |
| Potatoes | Million mt | 64.3 | 63.4 | 72.4 | 59.8 | 71.3 | 72.5 | 72.3 | 62.0 |
| Meat ⁵ | Million mt | 3.4 | 4.0 | 4.5 | 4.7 | 5.1 | 5.3 | 5.8 | N.A. |
| Cattle (beginning of year) | Million | 25.2 | 26.6 | 27.9 | 28.1 | 29.0 | 30.2 | 32.1 | 32.5 |
| Manufactured items | | | | | | | | | |
| Sulfuric acid (100%) | Million mt | 2.5 | 4.2 | 6.1 | 6.5 | 7.1 | 7.7 | 8.4 | 8.6 |
| Mineral fertilizer (nutrients) | Million mt | 3.2 | 4.6 | 7.7 | 8.1 | 8.4 | 8.8 | 9.6 | 10.9 |
| Cement | Million mt | 22.9 | 31.8 | 42.1 | 44.6 | 47.0 | 50.9 | 54.8 | N.A. |
| Passenger automobiles | Thousand | 133 | 210 | 366 | 406 | 431 | 495 | 539 | N.A. |
| Transportation and trade | | | | | | | | | |
| Railroad freight traffic | Billion mtkm | 182 | 230 | 274 | 288 | 299 | 312 | 331 | N.A. |
| Imports (f.o.b.) | Billion US \$ | 7.8 | 11.6 | 18.5 | 20.3 | 24.4 | 32.8 | 43.0 | 51.0 |
| Exports (f.o.b.) | Billion US \$ | 7.6 | 11.8 | 18.2 | 20.0 | 24.7 | 31.7 | 38.2 | 44.9 |

¹ Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; barrels per day, b/d; and metric ton-kilometers, mtkm.

² Converted at US purchasing power equivalents.

³ Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

⁴ Data are for barley, corn, oats, rice, rye, and wheat where they are produced.

⁵ Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, lamb, mutton, goat, and (in Hungary and Poland) horsemeat.

Source: Handbook of Economic Statistics 1976
United States Authorities

TABLE 23
WARSAW PACT

B. USSR: Economic Profile

| | Unit of Measure ¹ | 1960 | 1965 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 |
|---|------------------------------|-------|-------|-------|-------|-------|-------|-------|---------|
| Aggregative data | | | | | | | | | |
| Gross national product ² | Billion 1975 US \$ | 422.4 | 563.0 | 719.2 | 745.2 | 758.4 | 812.3 | 846.7 | 865.3 |
| Index of industrial production | 1970=100 | 51 | 72 | 100 | 106 | 112 | 119 | 126 | 134 |
| Total population (midyear) | Million | 214.3 | 230.9 | 242.8 | 245.1 | 247.5 | 249.7 | 252.1 | 254.5 |
| Labor force ³ | Million | 110.1 | 116.5 | 125.6 | 127.7 | 129.8 | 131.8 | 133.9 | 136.1 |
| Fuels and power | | | | | | | | | |
| Primary energy (coal equivalents ⁴) | Billion mt | 0.7 | 0.9 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 |
| Electric power (gross) | Billion kwh | 292.3 | 506.7 | 740.9 | 800.4 | 857.4 | 914.6 | 975.8 | 1,038.0 |
| Hard coal | Million mt | 355.9 | 397.6 | 432.7 | 441.4 | 451.1 | 461.2 | 473.4 | 485.0 |
| Crude oil | Million b/d | 2.9 | 4.8 | 7.0 | 7.4 | 7.9 | 8.4 | 9.0 | 9.6 |
| Natural gas ⁵ | Billion cm | 45.3 | 127.7 | 197.9 | 212.4 | 221.4 | 236.3 | 260.6 | 289.3 |
| Minerals and metals | | | | | | | | | |
| Crude steel | Million mt | 65.3 | 91.0 | 115.9 | 120.7 | 125.6 | 131.5 | 136.2 | 141.2 |
| Rolled steel | Million mt | 51.0 | 70.9 | 92.5 | 95.9 | 99.5 | 104.2 | 108.9 | 115.0 |
| Pig iron | Million mt | 46.8 | 66.2 | 85.9 | 89.3 | 92.3 | 95.9 | 99.9 | 103.0 |
| Iron ore | Million mt | 105.9 | 153.4 | 195.5 | 203.0 | 208.1 | 216.1 | 224.8 | 233.0 |
| Refined copper | Million mt | 0.5 | 0.7 | 1.0 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 |
| Primary aluminum | Million mt | 0.6 | 1.0 | 1.7 | 1.8 | 2.0 | 2.1 | 2.3 | 2.4 |
| Lead | Thousand mt | 320.0 | 380.0 | 480.0 | 500.0 | 510.0 | 520.0 | 540.0 | 560.0 |
| Agriculture | | | | | | | | | |
| Grain ⁶ | Million mt | 125.5 | 121.1 | 186.8 | 181.2 | 168.2 | 222.5 | 195.7 | 139.9 |
| Meat ⁷ | Million mt | 8.7 | 10.0 | 12.3 | 13.3 | 13.6 | 13.5 | 14.6 | 15.2 |
| Milk | Million mt | 61.7 | 72.6 | 83.0 | 83.2 | 83.2 | 88.3 | 91.8 | 90.8 |
| Fish catch | Million mt | 3.5 | 5.8 | 7.8 | 7.8 | 8.2 | 9.0 | 9.6 | 10.3 |
| Cattle (beginning of year) | Million | 74.2 | 87.2 | 95.2 | 99.2 | 102.4 | 104.0 | 106.3 | 109.1 |
| Manufactured items | | | | | | | | | |
| Sulfuric acid (100%) | Million mt | 5.4 | 8.5 | 12.1 | 12.8 | 13.7 | 14.9 | 16.6 | 18.6 |
| Mineral fertilizer (nutrients) | Million mt | 3.3 | 7.4 | 13.1 | 14.7 | 15.9 | 17.4 | 19.4 | 22.0 |
| Metalcutting machine tools | Thousand | 155.9 | 186.1 | 202.2 | 207.2 | 211.4 | 213.8 | 225.6 | 232.0 |
| Cement | Million mt | 45.5 | 72.4 | 95.2 | 100.3 | 104.3 | 109.5 | 115.1 | 122.0 |
| Tractors | Thousand | 238.5 | 354.5 | 458.5 | 472.0 | 477.8 | 499.6 | 531.1 | 550.4 |
| Passenger automobiles | Thousand | 139 | 201 | 344 | 529 | 730 | 917 | 1,119 | 1,201 |
| Transportation and trade | | | | | | | | | |
| Railroad freight traffic | Trillion mtkm | 1.5 | 2.0 | 2.5 | 2.6 | 2.8 | 3.0 | 3.1 | 3.2 |
| Motor vehicle freight traffic | Billion mtkm | 98.5 | 143.1 | 220.8 | 240.4 | 258.1 | 283.8 | 312.5 | 338.0 |
| Imports (f.o.b.) | Billion US \$ | 5.6 | 8.1 | 11.7 | 12.5 | 16.1 | 21.0 | 24.9 | 36.9 |
| Exports (f.o.b.) | Billion US \$ | 5.6 | 8.2 | 12.8 | 13.8 | 15.4 | 21.3 | 27.4 | 33.3 |

¹ Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; barrels per day, b/d; cubic meters, cm; and metric ton-kilometers, mtkm.

² Converted at US purchasing power equivalents.

³ Data include the armed forces and the unemployed but exclude militarized security forces.

⁴ Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

⁵ Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

⁶ Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.

⁷ Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, horsemeat, rabbit, poultry, game, edible offal, and lard.

Source: Handbook of Economic Statistics 1976
United States Authorities

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