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ADDENDUM to
WORKING PAPER
AC/127-WP/499

ECONOMIC COMMITTEE

Addendum to Working Paper AC/127-WP/499
dated 24th January, 1977

Note by the Chairman

In the cover note of Working Paper AC/127-WP/499 of 24th January, 1977, it has been indicated that a number of statistical tables were being prepared and would be distributed shortly. These are now ready and are circulated as Annexes I and II to the above mentioned document.

(Signed) J. BILLY

This document consists of a cover page of 1 page
ANNEX I of 17 pages
ANNEX II of 10 pages

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	62,858	64,209
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	266,257	277,469
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	519,326	549,255
France	50,768	52,743	55,660	58,788
Greece	8,793	9,046	9,228	9,414
NATO EUROPE	305,460	318,085	331,145	345,671
TOTAL NATO	531,663	554,547	584,214	617,457

Source: OECD

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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	42.8	64.6	66.7
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	176.3	63.0	63.6
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	348.7	62.0	63.5
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	219.8	62.9	63.7
TOTAL NATO	329.4	350.7	370.8	392.2	62.0	63.6

Source: OECD

TABLE 3

POPULATION GROWTH RATES (a)

	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 (b)

	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: OECD

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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: OECD

TABLE 5

GROSS DOMESTIC PRODUCT PER HEAD
(US\$ 1974 constant prices and 1974 exchange rates)

	1974	1975	1976
Belgium	5,466	5,348	5,496
Denmark	5,990	5,869	6,155
Germany	6,226	6,045	6,466
Iceland	6,489	6,170	6,031
Italy	2,757	2,635	2,719
Luxembourg	6,118	5,613	5,785
Netherlands	5,134	5,036	5,186
Norway	5,851	6,011	6,328
Portugal	1,511	1,354	1,396
Turkey	744	790	852
United Kingdom	3,407	3,363	3,432
DPC Europe	3,746	3,637	3,800
Canada	6,512	6,451	6,686
United States	6,641	6,497	6,825
TOTAL DPC	5,128	5,007	5,251
France	5,055	4,966	5,229
Greece	2,139	2,236	2,338
NATO EUROPE	3,918	3,817	3,997
TOTAL NATO	5,073	4,958	5,202

Source: OECD

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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: OECD

TABLE 7

The Current Balance of Payments of
OECD countries 1974 to 1976

	US \$ million		
	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.

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TABLE 8 (a)

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

Total 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	218	560	135	16	29	928
Canada	15	82	38	4	55	193
United States	328	762	518	29	76	1714
TOTAL NATO	561	903	691	49	160	2855
Eastern Europe	227	89.2	61	.80	30.2	408
USSR	406	368	260	1.72	89.2	1133
TOTAL Warsaw Pact	623	357.2	321	2.52	119.4	1541

Net Imports/Exports of Energy

	Solid fuels	Oil and Petrol	Gas	Nuclear Power	Hydro and Geothermal Power	Total
NATO Europe	27	598	6	-	-	633
Canada	1	-9	-22	-	-	-31
United States	-32	289	21	-	-	270
TOTAL NATO	-4	878	5	-	-	872
Eastern Europe	11.2	78.1	10.1	-	1.52 ^(e)	100.92
USSR	-18.2	-122.7 ^(d)	-6.2	-	(neg)	-147.1
TOTAL Warsaw Pact	- 7.0	- 44.6	3.9	-	1.52	- 46.2

For notes see following page

Source: 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
- (b) The coefficients of oil equivalent 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).
- (c) Minus signs indicate net exports. It should be noted that Eastern European imports of energy are mostly from the Soviet Union and consequently, in the light of effort for economic integration, may give a misleading view of the energy trade with the rest of the world.
- (d) Net exports= Total oil exports by USSR: 130.3m tons less Soviet imports of 7.6m. tons.
- (e) 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	928	1278/1413	1607/1785
Canada	155	193	211/235	249/293
United States	1570	1714	2164/2358	2522/2881
TOTAL NATO	2563	2835	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. The 1980 oil production figure is put at the low end of the target range (620 m. tons)

TABLE 8(c)

NET OIL IMPORTS

(millions of tons of oil equivalent)

	1970	1974	1980(a)	1985(a)
NATO Europe	539	598	577/895	723/1120
Canada	4	-9	-60/-5	-100/30
United States	161	290	118/636	-107/886
TOTAL NATO	704	879	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 76), 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. "CEEA, 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	628.0	720.8
United Kingdom	803.4	724.7	642.5	634.3
DPC Europe	3006.7	3201.4	2910.8	3020.7
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	6191.4	6306.0
France	742.4	709.2	714.7	716.7
Greece	198.6	201.2	212.5	214.8
NATO EUROPE	3947.7	4111.8	3838.0	3952.2
TOTAL NATO	7982.1	8073.3	7118.6	7237.5

Source: Country replies to DFQ Questionnaire

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TABLE 10
PERCENT OF ARMED FORCES CONSCRIPTED(*)

Country	1965	1970	1975	1980
(0)	(1)	(2)	(3)	(4)
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

(*) The % regulars = 100 less the % conscripted
(e.g. for Belgium in 1965: 56.2%).

.. Not available.

Source: Country replies to Defence Planning Questionnaire

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TABLE 11
DEFENCE EXPENDITURE TRENDS

	% 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	-	-	2.9	2.5
United States	9.6	6.1	7.9	-2.6	-0.9	1.6

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

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

* Taken from the 1976 Force Goals Country Chapters

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

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**	3.7	3.8	3.6	3.4

* Taken from the 1976 Force Goals Country Chapters.

** Excluding Greece and Turkey.

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TABLE 14
Resource Availabilities for Defence*
Financial Plans and agreed Force Goals Challenge

Country	Total defence expenditures for 6 year period 1977-1982		Yearly cumulative rate of increase of defence expenditures (in 1974 constant prices) 1977 to 1982			% Economic growth rate (GDP) (Annual percentage) FG 1976 estimate used for the FG exercise 1977-1982
	Under National Plans (National currency 1974 prices)	The agreed FG Challenge (million)	National Plan	+ Agreed FG Challenge	Total (National Plan + FG Challenge)	
Belgium	432,866	1,658	3.85%	+ 0.11%	3.96%	3.75
Denmark	29,171	3,221	0%	+ 3.0%	3.0%	3.5
Germany	221,385	4,837	2.0%	+ 0.62%	2.62%	3.25
Italy (000 million)	18,403	355	2.9%	+ 0.6%	3.5%	4.0
Luxembourg	4,882	156	1.5%	+ 0.9%	2.4%	3.0
Netherlands	41,207	426	1.4%	+ 0.3%	1.7%	3.75
Norway	26,196	2,000	2.25%	+ 2.25%	4.5%	6.8
Portugal	129,461	**	-3.6%	+ **	-3.6%	4.0
Turkey	177,943	**	+3.0%	+ **	+3.0%	7.0
United Kingdom	27,492	290	0%	+ 0.3%	0.3%	3.0
NATO Europe						
Canada	20,279	866	2.0%	+ 1.2%	3.2%	5.0
United States	573,240	5,800	2.0%	+ 0.3%	2.3%	6.0

* Based on the directives approved by Ministers in June 1975 ("Ministerial Guidance - 1975" DPC/D(75)4(Final), 10th July, 1975). The Country Chapters DPC/D(76) Country series of documents.

** Depending on external assistance.

TABLE I
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 EE	102,707	105,842	109,765	113,362
USSR	242,757	254,462	267,057	280,383
Total COMECON	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).

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TABLE 2
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 (1)	52,607	69,245	70,915	74,379
USSR (2)	125,612	135,767	146,068	152,647
Total Warsaw Pact	178,219	204,844	216,661	226,547

- Sources: (1) 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.
- (2) 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.

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TABLE 3
WARSAW PACT
GROWTH IN NATIONAL INCOME (NMP)

	1971-75 average yearly increase	1976-80 average yearly increase
Bulgaria	7.3	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
East Europe	7-7.3	6.7-7.1
USSR	5.1	4.7
Total COMECON	6.4	5.4

Source: For 1971-75 averages, National Handbooks and D. Lascelles COMECON to 1980 (London, 1976), p.15;

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

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

TABLE 4
WARSAW PACT
ESTIMATED GROSS NATIONAL PRODUCT AT MARKET PRICES¹
(billion \$)

	1960	1965	1970	1971	1972	1973	1974	1975
<u>USSR and Eastern Europe</u>	579	754	958	997	1020	1090	1150	1180
USSR	422.4	563.0	719.2	745.2	758.4	812.3	846.7	865.3
<u>Eastern Europe</u>	157	191	239	252	266	282	301	319
Bulgaria	8.5	11.6	16.4	17.5	18.6	20.1	21.4	23.1
Czechoslovakia	35.0	37.6	45.7	47.6	49.4	51.5	53.9	56.6
East Germany	38.6	45.2	55.5	57.8	60.6	63.4	66.8	70.2
Hungary	15.3	18.9	22.7	23.5	24.2	25.4	26.8	27.8
Poland	40.6	52.4	64.8	68.2	73.1	78.7	84.4	89.9
Romania	19.0	25.2	33.8	36.9	4.0	43.3	47.5	51.4
<u>World:</u>	3140	4030	5180	5390	5660	6030	6120	6130
U.S.A.	931	1170	1398	1399	1480	1558	1530	1498
European Community	761	963	1210	1250	1300	1370	1390	1360

¹ Data for non-Communist countries converted from national currencies at 1975 rates.
Data for Communist countries converted at US purchasing power equivalents.

Source: US Government Statistics.

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

ANNEX II to
AC/12(-WP/499)

TABLE 5
TRADE OF THE WARSAW PACT WITH SELECTED COUNTRIES
(Billion dollars f.o.b. and percentages)

	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		
Total Eastern Europe and the USSR	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		
Total Eastern Europe and the USSR	85.09	18.6	31.8	37.4	10.8		

For notes see following page. N A T O C O N F I D E N T I A L

TABLE 5

Notes

- (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.

TABLE 6

TRADE 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	-973	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

TABLE 7
WARSAW PACT DEFENCE EXPENDITURES
(US dollars)

	Total Expenditures (million US \$)			\$ per head
	1974	1975	1976	1976
Bulgaria	403	457	438	50
Czechoslovakia	1,602	1,706	1,805	121
East Germany	2,373	2,550	2,729	158
Hungary	477	506	551	52
Poland	1,832	2,011	2,252	66
Romania	626	707	759	35
Soviet Union	110,000(a)	124,000(b)	N.A.	N.A. (1975: 484)
Total \$	117,313	131,937	N.A.	

Source: East Europe: ISS (London), Military Balance 1976/77, p. 78. Current prices using GNPs conversion rates adjusted for 1976 as described by T.P. Alton in "Economic Growth and Resource Allocation in Eastern Europe", Reorientation and Commercial Relations of the Economies of Eastern Europe, (J.E.C. 93rd Congress, Washington 1974).

- (a) Current prices (figure taken from diagram in CIA paper SR 76-10053 of February 1976)..
- (b) 1974 price series from CIA paper SR 76-10053 converted to current prices using wholesale price index. (Source: ISS London).

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TABLE 8
WARSAW PACT

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: US Government figures

TABLE 9
WARSAW PACT

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: US Government figures.