



**STATISTISCHES TELEGRAMM
STATISTICAL TELEGRAM
TELEGRAMME STATISTIQUE**

STATISTICAL ASPECTS OF THE PETROLEUM ECONOMY IN 1980

Provisional data for 1980 shows that EUR 9 consumption (measured by inland deliveries of petroleum products) to have declined by 9.1% over 1979 levels (the equivalent of 44 million tonnes). This must be placed in the context of a decrease of approximately 4.5% in overall Energy consumption for the EUR 9 in 1980, a year in which the index of industrial production showed a slight fall over 1979, a year of further escalating price rises for crude oil and petroleum products and a year of generally milder climate.

Net imports of petroleum for the EUR 9 were 420 million tonnes in 1980, a decrease of 54 million tonnes or 11.4% compared to 1979 and 52 million tonnes less than the 1978 reference level.

Large fall in Community supply of petroleum, but increased stocks in 1980

The provisional balance sheet for crude oil shows that Community production of crude was only marginally higher than in 1979, but with a 14% reduction in imports of crude oil, a small increase of stocks (the sixth time in the period 1973-1980 that annual stock changes have moved in this direction), and exports of crude only 1% higher than in 1979, refinery throughput therefore levelled at 498 million tonnes for the year, the lowest since 1975.

EUR 9 imports of crude oil from third party countries showed a decline of 16% in 1980. A profile of the Community's supply of crude reveals a 65 million tonnes decrease in imports from the Near and Middle East (23 million tonnes less from Iran, 19 million tonnes less from Kuwait, 16 million tonnes less from Iraq) and 20 million tonnes less from Africa (notably from Algeria, Libya and Nigeria).

The products balance is characterized in 1980 by a switch in the balance of trade on products, namely that imports exceeded exports by 18 million tonnes, a reversal of the 1979 situation where exports topped imports by 3 million tonnes. There is a consistent annual stockbuild for products in all Member States except the United Kingdom and, as noted above, a large fall in product demand.

Inland deliveries in 1980 at lowest level since 1973

Total inland deliveries of petroleum products in 1980 at 444 million tonnes for the EUR 9 (455 million tonnes for the EUR 10) were at the same level as 1975, or 13% below the 1973 pre-crisis consumption of 511 million tonnes. A reasonably consistent picture emerges from these preliminary 1980 data, namely :

- (i) An increasing demand for motor spirit, albeit at less than half the average growth rate of 2.1% for the period 1973-1980
- (ii) Strong decrease in gas diesel oil deliveries in all countries except Greece
- (iii) A 12.5% decline is noted for residual fuel oil.
With preliminary estimates showing that EUR 9 overall consumption of petroleum products in all power stations declined by 9% or 6 million tonnes. This implies that the remainder of the total 18.5 million decrease in deliveries in residual fuel oil must have been accounted for by reduced demand in the industrial sector.
- (iv) Among other products deliveries of naphtha cuts were also seen to fall sharply.

PETROLEUM BALANCE-SHEETS

BILANS PETROLE

Provisional results

Resultats provisoires

- 1980 -

1 000 t

	EUR 10	EUR 9	Deutsch- land	France	Italia	Neder- land	Belgique België	Luxem- bourg	United Kingdom	Ireland	Danmark	Ellas	
CRUDE OIL (1)													PETROLE BRUT (1)
Production	88935	88935	4631	1414	1825	1565	-	-	79202	-	298	-	Production
Total imports	460979	443273	100202	110420	93824	49905	33463	-	46717	2023	6719	17706	Importations totales
RESSOURCES	549914	532208	104833	111834	95649	51470	33463		125919	2023	7017	17706	RESSOURCES
Direct use, exchanges and transfers (2)	+11439	+11453	+ 8879	+ 2616	-	-	-	-	-	-	- 42	- 14	Emploi direct échanges et transferts (2)
Stock change*	- 3914	- 3667	- 2468	- 672	+ 990	- 637	+ 68	-	- 1064	- 4	+ 120	- 247	Variations des stocks *
Total exports	44358	41184	214	-	-	17	39	-	40467	-	447	3174	Exportations totales
Gross inland cons'n (A)	513081	498810	111030	113778	96639	50816	33492	-	84388	2019	6648	14271	Consommation int.brute (A)
Refinery throughput(B)	512494	498217	110526	114033	96520	50637	33447	-	84388	2017	6649	14277	Pétrole brut traité en raff. (B)
Statistical difference (A) - (B)	+ 587	+ 593	+ 504	- 255	+ 119	+ 179	+ 45	-	-	+ 2	- 1	- 6	Ecart statis- tique (A) - (B)

ALL PETROLEUM PRODUCTS

TOUS PRODUITS PETROLIERS

Production of primary sources	1811	1811	-	803	-	-	-	-	1008	-	-	-	Production de sources primaires
Net product. of derived products (3)	478658	464949	103064	106670	90750	47337	31596	-	77222	1969	6341	13709	Product. net. de produits dérivés (3)
Total arrivals	126811	120835	37471	17399	14582	19221	9867	1133	9118	3896	8148	5976	Importations totales
RESSOURCES	607280	587595	140535	124872	105332	66558	41463	1133	87348	5865	14489	19685	RESSOURCES
Exchanges and transfers (2)	-11285	-11285	- 8707	- 2616	-	-	-	-	-	-	+ 38	-	Echanges et transferts (2)
Stock change*	- 4801	- 4342	- 1932	- 1614	- 1531	- 225	- 320	- 6	+ 1239	- 27	+ 74	- 459	Variations des stocks *
Total shipments	109973	102659	7097	16201	11843	33774	17553	48	14598	256	1289	7314	Exportations totales
Bunkers	24432	23573	2943	4025	4382	6857	2440	-	2419	77	430	859	Soutes
Inland cons'n (cal- culated) (A)	456789	445736	119856	100416	87576	25702	21150	1079	71570	5505	12882	11053	Consommation intérieure (calculée) (A)
Inland deliveries(B)	455052	443999	120474	98514	87517	25681	(21150)	1076	71114	5550	12923	11053	Livraisons intérieures(B)
among which :													dont :
motor spirit	84495	83114	24178	17777	12280	3857	(3025)	285	19155	1018	1539	1381	essences mo.
gas/diesel	158833	155570	54805	37777	23283	6015	(8720)	526	17598	1259	5587	3263	gasoil et
oil													fuel-oil flu
residual fuel-oil	128302	123524	20388	25437	37310	6898	(7233)	134	19175	2532	4417	4778	fuel-oil résiduel
Statistical difference (A) - (B)	+ 1737	+ 1737	- 618	+ 1902	+ 59	+ 21	.	+ 3	+ 456	- 45	- 41	-	Ecart statis- tique (A) - (B)

* (+) Decrease of stocks; (-) increase of stocks.

* (+) Reprises aux stocks; (-) mises aux stocks.

(1) Including feedstocks for distillation.

(1) Y compris les feedstocks pour distillation.

(2) This line mainly covers exchanges between the crude oil balance-sheet and the petroleum products balance-sheet. For the FR Germany and France these exchanges are feedstocks for distillation of unknown origin; for Denmark mixing of half products for finished products; for Greece a direct use of crude oil.

(2) Cette rubrique couvre essentiellement des échanges/transferts entre le bilan pétrole brut et le bilan produits pétroliers. Ces échanges représentent pour la RF d'Allemagne et la France les feedstocks de pays d'origine connus; pour le Danemark un mélange de demi-produits pour la production de produits finis; pour la Grèce un emploi direct de pétrole brut.

(3) Includes out of refinery production.

(3) Y compris la production hors raffineries.

ANLAGE ANNEX ANNEXE

MINERALÖL
Vorläufige Angaben 1980

PETROLEUM
Provisional data 1980

PÉTROLE
Données provisoires 1980

1 000 t

	EUR 10	EUR 9	BR Deutsch- land	France	Italia	Nederland	Belgique België	Luxem- bourg	United Kingdom	Ireland	Danmark	Ellas
Rohölförderung (1)			Crude oil production (1)					Production de pétrole brut (1)				
1978	62 173	62 173	5 059	1 117	1 488	1 520	-	-	52 557	-	432	-
1979	87 234	87 234	4 774	1 196	1 714	1 581	-	-	77 537	-	432	-
1980	88 935	88 935	4 631	1 414	1 825	1 565	-	-	79 202	-	298	-
Rohölverarbeitung in den Raffinerien			Refinery throughput					Pétrole brut traité dans les raffineries				
1978	540 975	529 407	100 660	118 002	113 707	57 436	33 772	-	95 474	2 281	8 075	11 568
1979	576 147	560 722	114 119	127 642	116 281	60 489	33 883	-	97 248	2 313	8 747	15 425
1980	512 494	498 217	110 526	114 033	96 520	50 637	33 447	-	84 388	2 017	6 649	14 277
1980/79	- 11,0%	- 11,1%	- 3,1%	- 10,7%	- 17,0%	- 16,3%	- 1,3%	-	- 13,2%	- 12,8%	- 24,0%	- 7,4%
Gesamtinlandslieferungen von Mineralölprodukten			Total inland deliveries of petroleum products					Livraisons intérieures totales de produits pétroliers				
1978	487 237	476 763	131 456	105 339	86 211	24 227	23 201	1 403	84 143	5 780	15 003	10 474
1979	499 184	488 358	134 900	105 188	89 483	27 947	23 512	1 293	84 556	6 105	15 374	10 826
1980	455 052	443 999	120 474	98 514	87 517	25 681	(21 150)	1 076	71 114	5 550	12 923	11 053
1980/79	- 8,8%	- 9,1%	- 10,7%	- 6,3%	- 2,2%	- 8,1%	(- 10,0%)	- 16,8%	- 15,9%	- 9,1%	- 15,9%	+ 2,1%
darunter :			among which :					dont :				
Motorenbenzin			Motor spirit					Essences moteur				
1978	82 125	80 765	23 477	17 624	11 213	3 959	3 112	244	18 394	976	1 766	1 360
1979	83 792	82 409	23 761	17 735	12 128	3 986	3 137	279	18 729	981	1 673	1 383
1980	84 495	83 114	24 178	17 777	12 280	3 857	(3 025)	285	19 155	1 018	1 539	1 381
1980/79	+ 0,8%	+ 0,8%	+ 1,7%	+ 0,2%	+ 1,2%	- 3,2%	(- 3,6%)	+ 2,1%	+ 2,3%	+ 3,8%	- 8,0%	- 0,1%
Dieselkraftstoffe und Destillattheizöle			Gas diesel oil					Gasoil et fuel-oil fluide				
1978	175 835	172 774	62 949	42 744	23 417	6 651	9 528	560	19 475	1 335	6 115	3 061
1979	177 208	174 092	63 975	41 073	24 472	6 314	9 818	573	19 861	1 353	6 653	3 116
1980	158 833	155 570	54 805	37 777	23 283	6 015	(8 720)	526	17 598	1 259	5 587	3 263
1980/79	- 10,4%	- 10,6%	- 14,3%	- 8,0%	- 4,9%	- 4,7%	(- 11,2%)	- 8,2%	- 11,4%	- 7,0%	- 16,0%	+ 4,7%
Rückstandsheizöle			Residual fuel-oil					Fuel-oil résiduel				
1978	142 861	138 507	22 555	28 707	39 116	4 009	7 309	475	28 233	2 622	5 481	4 354
1979	146 627	141 984	22 679	28 984	40 586	6 744	6 879	313	27 487	2 881	5 431	4 643
1980	128 302	123 524	20 388	25 437	37 310	6 898	(7 233)	134	19 175	2 532	4 417	4 778
1980/79	- 12,5%	- 13,0%	- 10,1%	- 12,2%	- 8,1%	+ 2,3%	(+ 5,1%)	- 57,2%	- 30,2%	- 12,1%	- 18,7%	+ 2,9%

(1) einschliesslich Kondensate
für Destillation

(1) including condensates
for distillation

(1) y compris condensats
pour distillation

MINERALÖL

PETROLEUM

PÉTROLE

AUSSENHANDEL

FOREIGN TRADE

COMMERCE EXTÉRIEUR

Vorläufige Angaben 1980

Provisional data 1980

Données provisoires 1980

1 000 t

	EUR 10	EUR 9	BR Deutsch- land	France	Italie	Nederland	Belgique België	Luxem- bourg	United Kingdom	Ireland	Danmark	Ellas	
1. Gesamt-Rohöleinfuhr (1)			1. Total imports of crude oil (1)						1. Import. totales de pétrole brut (1)				
1978	(504 432)	(491 804)	97 626	115 635	110 826	55 276	33 779	-	68 144	2 294	8 224	12 628	
1979	(535 279)	(518 108)	110 874	127 255	114 947	59 406	34 237	-	60 380	2 333	8 676	17 171	
1980	(460 979)	(443 273)	100 202	110 420	93 824	49 905	33 463	-	46 717	2 023	6 719	17 706	
1980/79	- 13,9%	- 14,4%	- 9,6%	- 13,2%	- 18,4%	- 16,0%	- 2,3%	-	- 22,6%	- 13,3%	- 22,6%	+ 3,1%	
darunter (2) :			among which (2) :						dont (2) :				
Einfuhr aus Drittländern			Imports from third party countries						Importations en prov. des pays tiers				
1978	476 044	90 596	114 042	110 456	54 069	32 770	-	66 310	2 187	5 614			
1979	490 648	98 310	124 281	114 004	54 678	33 141	-	58 351	2 219	5 664			
1980	413 098	84 667	107 365	91 953	47 428	31 490	-	44 470	1 885	3 840			
1980/79	- 15,8%	- 13,9%	- 13,6%	- 19,3%	- 13,3%	- 5,0%	-	- 23,8%	- 15,1%	- 32,2%			
2. Gesamt-Rohölausfuhr			2. Total exports of crude oil						2. Export. totales de pétrole brut				
1978	(26 610)	(25 602)	33	-	-	202	-	24 859	-	508	1 008		
1979	(42 222)	(40 750)	90	-	24	-	-	40 198	-	438	1 472		
1980	(44 358)	(41 184)	214	-	17	39	-	40 467	-	447	3 174		
1980/79	+ 5,0%	+ 1,1%	+ 138 %	-	- 29,2%	-	-	+ 0,7%	-	+ 2,0%	+ 116 %		
3. Gesamteinfuhr von Mineralölprodukten			3. Total imports of petroleum products						3. Importations totales de produits pétroliers				
1978	(116 768)	(112 944)	46 874	10 020	7 466	12 944	8 722	1 438	11 586	3 754	10 140	3 824	
1979	(118 100)	(113 515)	39 978	10 408	7 481	19 032	9 680	1 355	12 035	4 152	9 394	4 585	
1980	(126 811)	(120 835)	37 471	17 399	14 582	19 221	9 867	1 133	9 118	3 896	8 148	5 976	
1980/79	+ 7,4%	+ 6,4%	- 6,3%	+ 67,2%	+ 94,9%	+ 1,0%	+ 1,9%	- 16,4%	- 24,2%	- 6,2%	- 13,3%	+ 30,3%	
4. Gesamtausfuhr von Mineralölprodukten			4. Total exports of petroleum products						4. Exportations totales de produits pétroliers				
1978	(109 946)	(106 943)	6 215	14 346	22 809	32 316	15 154	30	13 536	51	2 036	3 453	
1979	(123 913)	(116 620)	6 675	16 386	22 726	40 208	14 927	37	13 359	148	2 154	7 293	
1980	(109 973)	(102 659)	7 097	16 201	11 843	33 774	17 553	48	14 598	256	1 289	7 314	
1980/79	- 11,2%	- 12,0%	+ 6,3%	- 1,1%	- 47,9%	- 16,0%	+ 17,6%	+ 29,7%	+ 9,3%	+ 73,0%	- 40,2%	+ 0,3%	
NETTO EINFÜHREN VON MINERALÖL UND -PRODUKTEN (= 1 + 3 - 2 - 4)			NET IMPORTS OF PETROLEUM (= 1 + 3 - 2 - 4)						IMPORTATIONS NETTES DE PÉTROLE (= 1 + 3 - 2 - 4)				
1978	484 644	472 653	138 252	111 309	95 483	35 904	27 145	1 408	41 335	5 997	15 820	11 991	
1979	487 244	474 253	144 087	121 277	99 702	38 206	28 990	1 318	18 858	6 337	15 478	12 991	
1980	433 459	420 265	130 362	111 618	96 563	35 335	25 738	1 085	770	5 663	13 131	13 194	
1980/79	- 11,0%	- 11,4%	- 9,5%	- 8,0%	- 3,1%	- 7,5%	- 11,2%	- 17,7%	- 95,9%	- 10,6%	- 15,2%	+ 1,6%	

(1) einschliesslich Feedstocks für Destillation

(1) including feedstocks for distillation

(1) y compris feedstocks pour distillation

(2) aufgrund von Monatszahlen

(2) based on monthly data

(2) sur base des données mensuelles