

1990 □ 14

Refining 1973- 1989

Evolution of refinery capacity

The effect of rationalizing refinery installations in the Community of Twelve has been to reduce primary distillation capacity by 40% between 1976 and 1989, with a corresponding increase in the average capacity utilization rate from 63% to 88%.

However, a look at the worldwide situation shows :

- from 1973 to 1980 a regular increase in capacity to a peak of 4116 million tonnes; this increase was due principally to the members of OPEC, the USSR and the United States.
- from 1981 to 1989 a small decrease in capacity, levelling out at around 3700 million tonnes.

Refinery throughput - consumption of products

At Community level, a comparison between consumption of finished petroleum products and refinery throughput shows that for 1973 to 1975 consumption decreased more rapidly than throughput. This overproduction of products led to the Community exporting more petroleum products than it imported, i.e. it became a net exporter. However, for the period 1980 - 1989, EUR 12 was a net importer as a result of a significant fall in refinery throughput.

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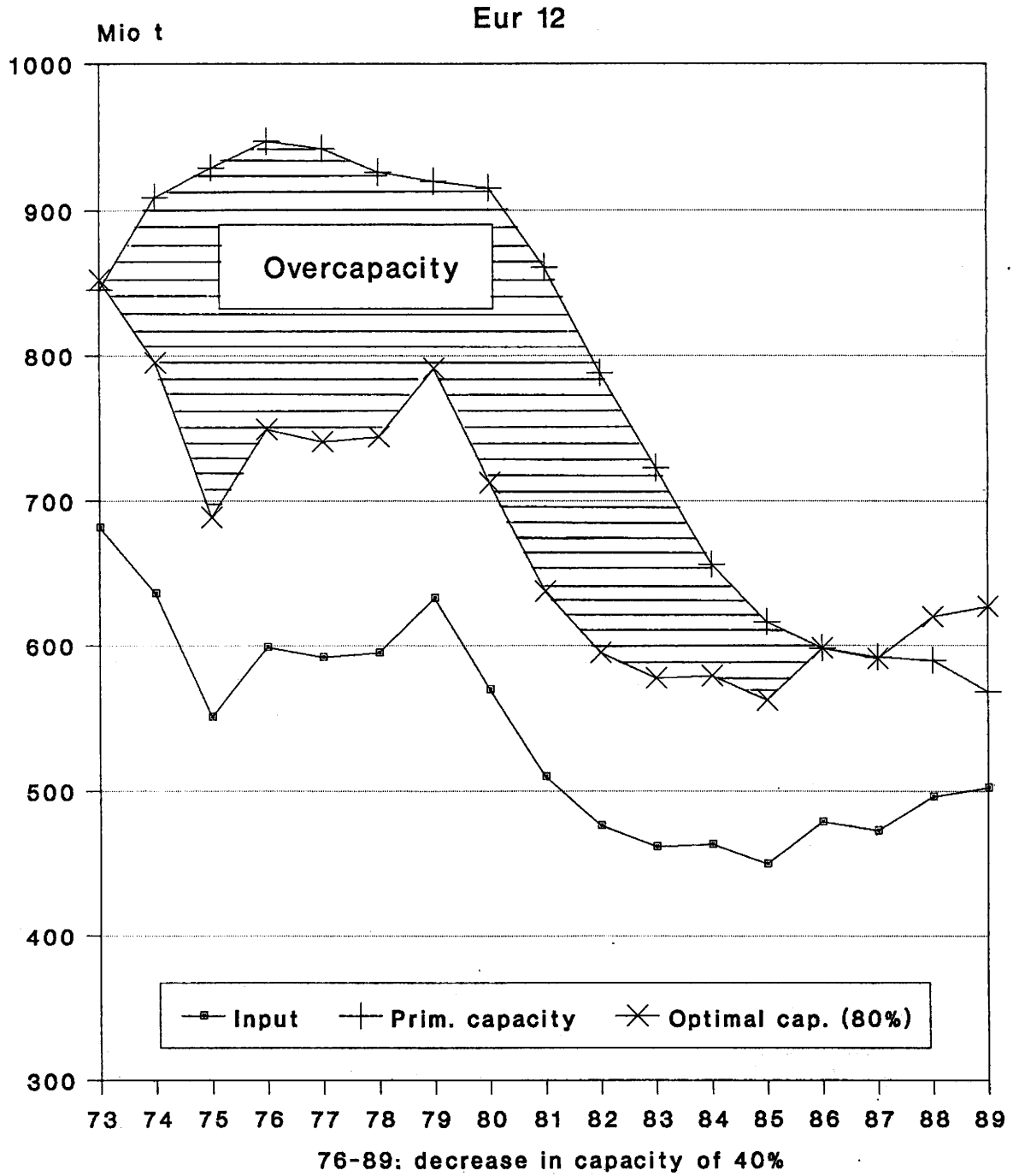
Catalogue number: CA-NL-90-014-EN-C

EUR 12

Year	Input to refineries 1000 t	Consumption of products 1000 t	Refinery capacity 1000 t	Average utilization (%)	Optimal capacity (80% utilization) 1000 t
1973	862000	645000	846000	80,615	852500
1974	636000	603000	909000	69,967	795000
1975	551000	567000	929000	59,311	688750
1976	599000	605000	947000	63,252	748750
1977	592000	593000	942000	62,845	740000
1978	595000	612000	926000	64,255	743750
1979	633000	625000	920000	68,804	791250
1980	569619	579000	915360	62,229	712024
1981	510000	538000	861000	59,233	637500
1982	476000	511000	788000	60,406	595000
1983	462000	497000	722000	63,989	577500
1984	463258	502000	656600	70,554	579073
1985	450023	489000	616500	72,996	562529
1986	478643	507000	598200	80,014	598304
1987	472751	505000	592000	79,857	590939
1988	496119	514000	589500	84,159	620149
1989	502000	513000	568000	88,380	627500

Refineries

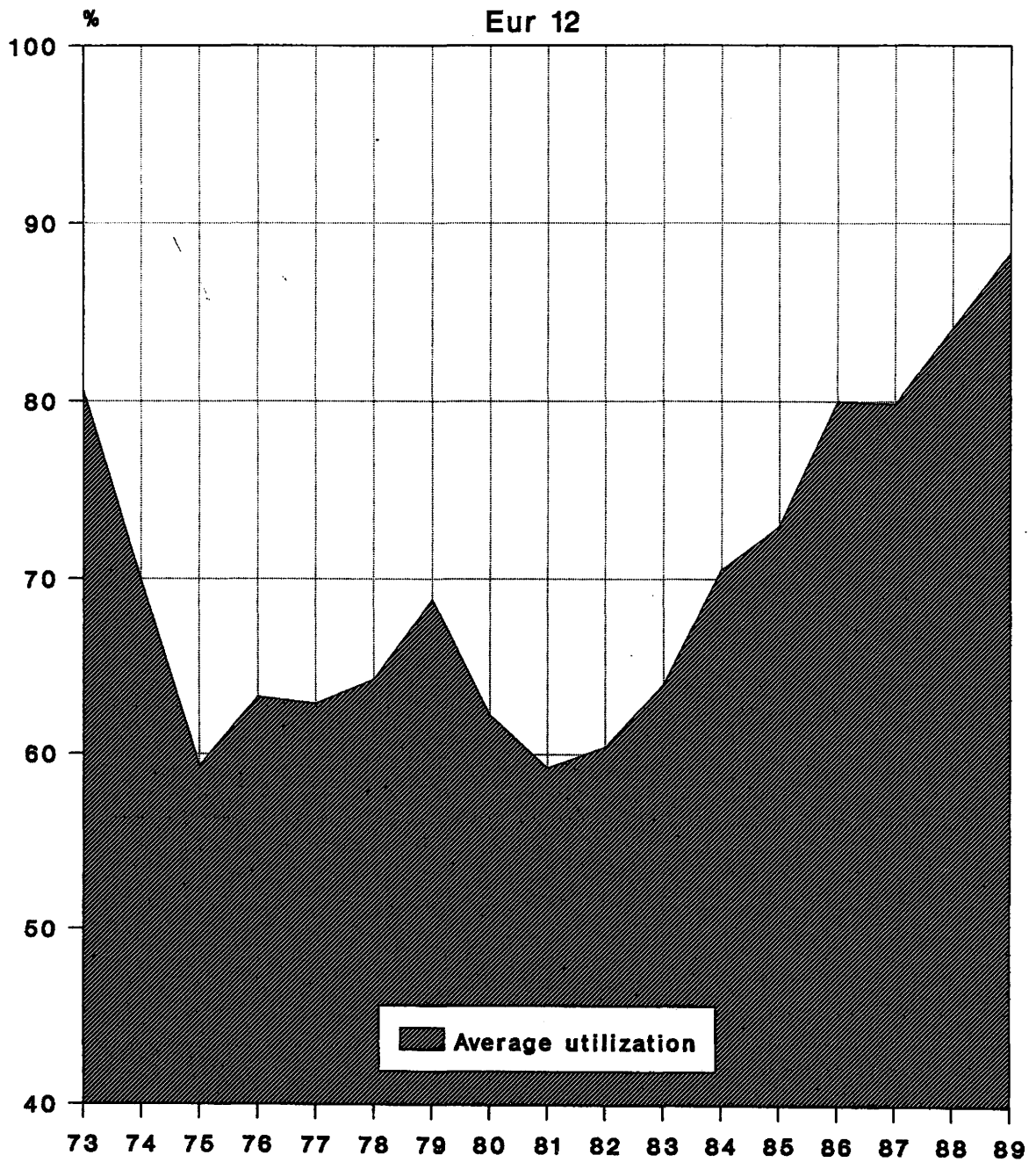
Evolution 1973-1989



Source: Eurostat

Refineries

Evolution 1973-1989

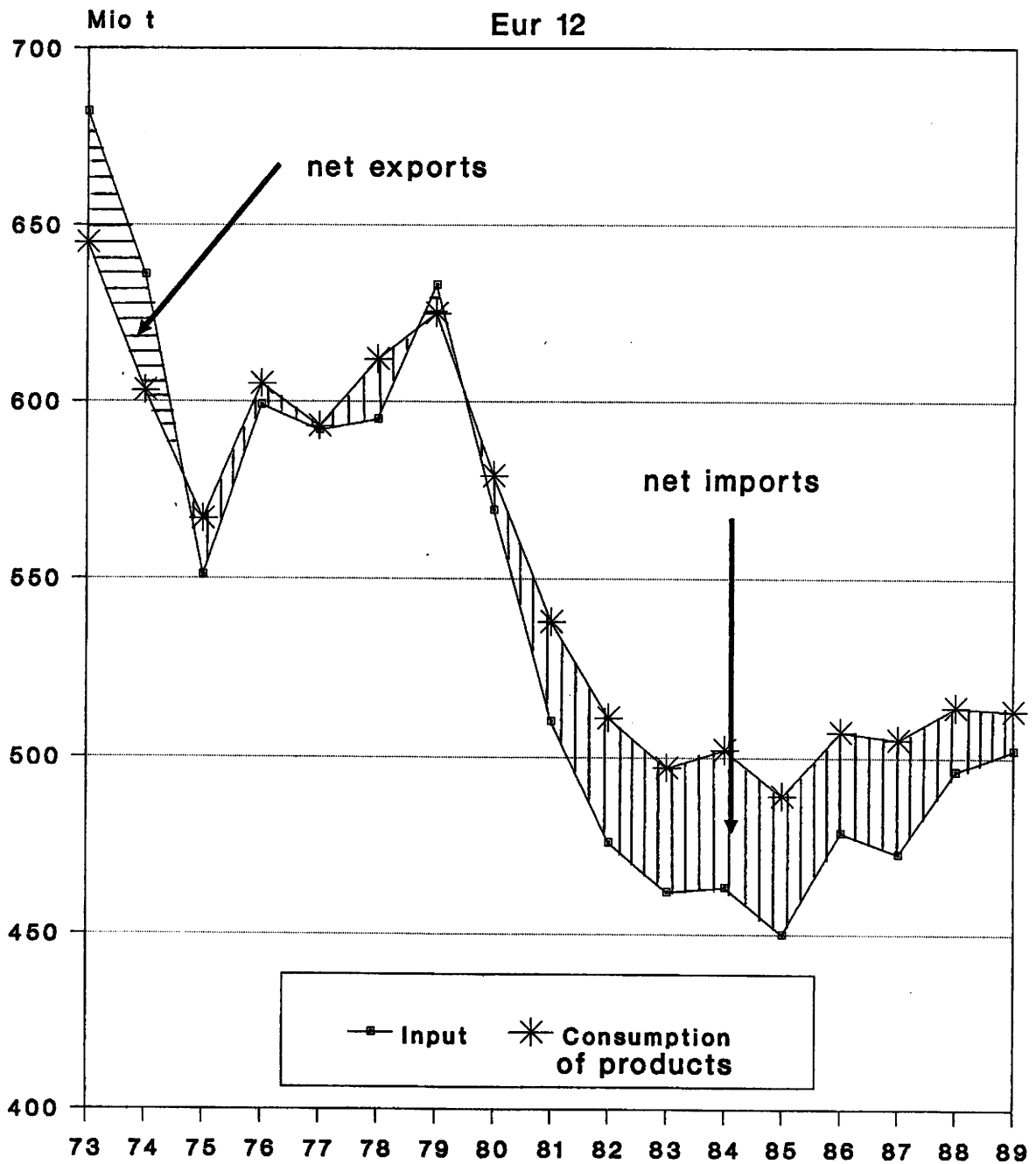


76-83: increase in utilization rate from 63% to 88%

Source: Eurostat

Refineries

Evolution 1973-1989



Source: Eurostat

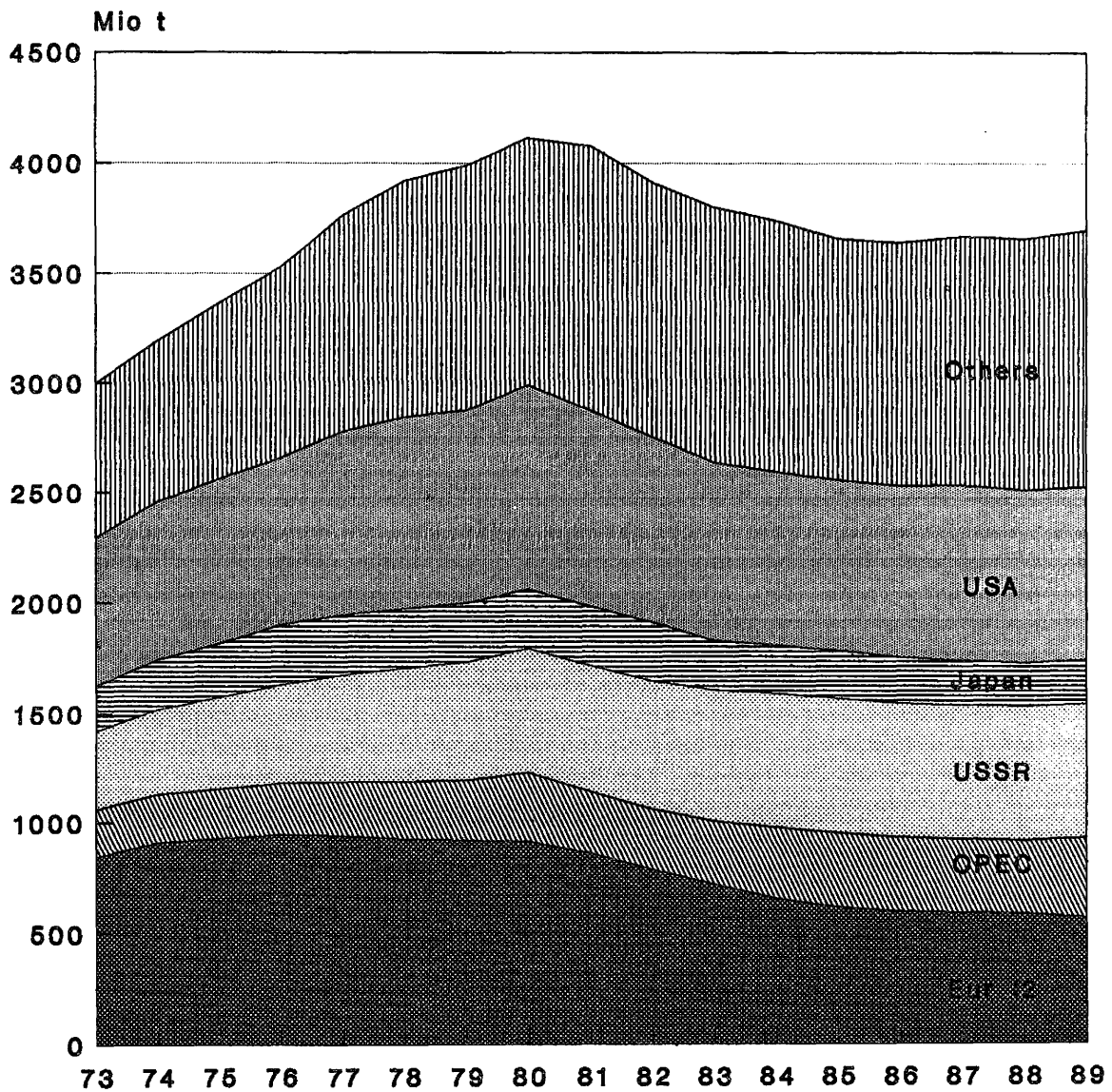
World refinery capacity

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Year	EUR 12	OPEC	USSR	JAPAN	USA	OTHERS	WORLD
1973	846	212	361	207	669	702	2997
1974	909	222	388	228	711	733	3191
1975	929	225	422	246	742	799	3363
1976	947	234	451	271	754	871	3528
1977	942	245	490	270	830	984	3761
1978	926	261	522	267	869	1076	3921
1979	920	275	540	267	875	1113	3990
1980	915	314	568	267	927	1125	4116
1981	861	280	578	267	891	1204	4081
1982	788	275	585	267	840	1161	3916
1983	722	285	600	224	804	1167	3802
1984	657	320	612	224	780	1145	3738
1985	617	336	613	221	770	1099	3656
1986	598	334	613	211	775	1108	3639
1987	592	332	613	204	793	1134	3668
1988	588	329	613	202	780	1146	3658
1989	568	362	613	202	780	1168	3693

World refinery capacity

Evolution 1973-1989



1973-1989: decrease for Eur 12, Japan
 increase for OPEC, USA, USSR

