

There are also close to 3,983 km of navigable inland waters on Poland's main rivers. In 1987, these waterways carried over 14.7 million metric tons of freight. Four companies specialize in this traffic: Navigation on Oder, Bydgoszcz Navigation Co., Szczecin Navigation Co., and Gdansk Navigation Co.

Although declines were noted for this sector as well, the shipping industry fared better in 1990 than any other part of the transport industry. The Polish merchant fleet moved 14.2 million tons of freight in the first 6 months of 1990 — only 1.6% less than in the previous year, reflecting a general increase in cargo movement between foreign ports in this region. Polish ports, however, handled only 19.8 million tons of freight in the first 6 months of 1990, down 19% from 1989. Poland's merchant fleet numbered 247 vessels in 1990, compared to 304 in 1988.

Highways: Because of Poland's underdeveloped highway network, road transport suffered the most from the combination of higher prices and tighter money supply in 1989-1990. For the first half of 1990, road haulage totalled 120.2 million tons (or 58% less than the previous year).

There are only 156,500 km of public roads and highways in Poland. International freight transportation by road is mainly handled by PEKAES Auto Transport (*Panstwowa Komunikacja Samochodowa*), a member of the International Road Haulage Carriers Association and the International Road Transport Union. In 1990,

there were 5,260,000 cars and 1,044,600 trucks registered on Polish roads.

Pekaes Auto-Transport SA
Skrytka Poczтовая 425
00-950 Warszawa
Tel: 20 49 48
Telex: 813 509, 813 655
Cable: Warszawa-Zagrod

International Freight: Poland's main forwarding agent for international transport of goods by air, rail, road, sea and inland water is C. Hartwig, with offices in Warsaw, Katowice, Gdansk, Gdynia and Szczecin. This agent handles both conventional and unit-load shipments, such as containers and pallets.

PSM C. Hartwig
Skrytka Poczтовая 375
00-950 Warszawa
Tel: 29 60 31 to 9
Telex: 814 601 to 7, 816 516, 813 610
Cable: Cehartwig Warszawa

Sea cargo is carried by several companies with different areas of expertise. Polish Ocean Lines (*Polskie Linie Oceaniczne*) connects Polish and western European ports with the rest of the world. The Polish Steamship Company (*Polska Zegluga Morska, or PZM*) specializes in cargo carried on irregular lines and

Figure 9.6
Transportation Infrastructure

	1980	1985	1989		1980	1985	1989
Railway track (in thousand km)	27.2	27.1	26.5	Length of airline routes (in thousand km)	92.8	85.2	135.2
(per 100 sq km in km)	8.7	8.7	8.5	(of which international)	87.6	80.7	130.7
Electrified track as percentage of total standard-gauge track	28.2	36.5	45.6	Inland navigable waterways (in km)	4040	3997	3997
Public roads (in thousand km)	147.7	154.0	158.0	Merchant marine fleet vessels capacity (in thousand DWT)	331	278	249
(per 100 sq km in km)	47.5	49.2	50.8		4524	4171	4061
Passenger airline routes operated by LOT Airlines	56	50	67	Power plants number	404	407	401
(of which international)	43	39	56	capacity (in megawatt)	25292	30107	32000

Source: Poland in Figures, GUS 1990.