

# HHI Index for Competition in Car Industry of Pakistan

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Herfindahl-Hirschman Index or HHI is an index that measures the concentration of market players in any industry. With the high competition and number of market players, it tends to reach 0; while in the case of hegemonization it approaches its highest 10,000. The industries with HHI above 2000 are considered highly concentrated. The author calculated the HHI in the Car Industry of Pakistan with data of market share from Pak Wheels and PAMA.

- HHI in Car Industry in Pakistan
- 1300cc above category: Toyota 4500 HHI
- 1000 cc Category: Suzuki 8500 HHI
- 880 cc Category: 650

Car Pricing in World Cities												
City (Agency)	Metropolitan Population				Pricing Scheme			Payments, Costs, and Revenues				
	Scheme Launch (Mln)	2020 Est. (Mln)	% Change	CAGR	Description	Primary Goals	Improvements	Payments	Hours	Initial Investment (Mln)	Operating Cost (Mln)	Year Net Revenue (Mln)
London* (Transport for London)	7.3 in 2003	9.1	24.65	1.3	The Cordon Pricing Scheme detects number of plates through cameras in the 21km <sup>2</sup> zone at entrance points, pavements, and streets.	-Reduce Congestion -Improve Air Quality -Journey Time -Funding Source	Electric Buses, Less Pollution, Funding Source, Walkability, Park and Ride Spaces	£11.5 for daytime in the restricted zone, Parking Charges Vary	Mon-Fri Daytime	\$214	\$172	182
Stockholm (Swedish Transport Administration)	1.9 In 2007	2.34	23.1	1.62	The Cordon Congestion tax scheme recognizes the number of plates in 35km <sup>2</sup> zone through cameras, gantries, etc. since 2007.	-Reduce Congestion -Improve Air Quality -Better Public Health -Funding Source	New Bus Routes, Uber, etc. Pay Taxes, Better Air, Walkability,	Variable Charges, Peak Charges, 35-50 Krona	6:30am-6:30pm	\$236.7	\$11.8	\$155
Singapore (Land Transport Authority)	3.9 In 1998	5.63	44	1.68	The electronic road pricing (ERP) is automated for specific times, roads, routes, directions, and congestion. Vehicles need to have a card topped with credit to pay automatically generated price through cameras and gantries; the scheme was first launched in 1975 and renewed 1998.	-Reduce Congestion -Improve Air Quality -Journey Time -Reliability for Car Users	Parking Fee doubled, HOV+4 Lanes made, Better Air, 15k park and ride spaces	Vary Rates, 0-4\$ for crossing 50 Points, In-Vehicle costs around \$110US	7:00am-8:00pm Mon-Sat	\$110	\$18.5	\$100

Notes:  
\* A new policy has been issued in 2019 wherein some areas car-entry has been restricted without prior permission.