Pakistan: Transport At A Glance, 2007

Core Road Performance Indicators

Country		Pakistan			Average	Range
Year		2007				
Road Network			Year	Source		
Length of Total Roads, Total	km	259,758	2006	MOC		
Main Roads	km	10,525	2006	NHA		
Classified Rural Roads	km	97,881	2005	MOLGRD		
Other Urban Roads	km	157,975	2005	MOLGRD		
Length of Paved Roads, Total	km	162,675	2005	GOP/JICA		
Length of Paved Roads	%	63%	2004	ES	47%	23.7% - 81%
Urban Roads	%	0.51%	2002	SN		
Total Road Length	km	250,268	2002	SN		
Motorways	km	2,207	2006	NHA		
Highways	km	8,318	2006	NHA		
Secondary/Regional	km	243,845	2002	SN		
Road Access			Year	Source		
Access to All-Season Road	% of Rural Population	85%	2001-02	WB 1	55%	39%-85%
Total Number of Motor Vehicles	No.	7,000,000	2006	WBS		
Road Density in terms of						
Population	road km/1,000 people	1.7	2005	MOC/WDI	2.8	0.6-6.5
Land	road km/1,000 sq km total land	335	2005	MOC/WDI	745.4	53 - 2,079
Goods Transported Annually by Road	million tons/km-yr	107 billion	FY 2003-04	PAD		
Goods Transported Annually by Road	% of total freight	96	2005	GOP/JICA		
Passengers Transported Annually by Road	passenger/km-yr	209,959	2004	WDI		
Passengers Transported Annually by Road	% of total passengers	91	2005	GOP/JICA		
Vehicle-kilometer Using Road Network Annually	Veh-km	218,779 million	2000	WDI		
Road Finance			Year	Source		
Annual Road Expenditure (Actual)	million $	333.55	2001-02	SN		
Actual Maintenance Expenditure	million $	12.49	2001-02	PID		
Maintenance Expenditure per km of Paved Road	$/km	$410.78-$1,643.12	FY 2003-04	WBS		
Maintenance Expenditure per km of Unpaved Road	$/km	82.15	FY 2003-04	WBS		
Ratio of Actual to Required Maintenance Expenditure	%	22%	2005	PID		20%-58%
Annual Road Budget	million $	489.80	FY 2003-04	WBS		
Affordability			Year	Source		
Average Pump Price for Super Gasoline	$/liter	1.01	2007	GTZ	0.9	0.68 - 1.01
Average Pump Price for Diesel Fuel	$/liter	0.74	2007	GTZ	0.7	0.45-0.75
Spending on Transport Services	% HH expenditure	3.27%	1998-99	HIES		
Motor Fuel Tax	$/gallon					
Gasoline		0.05	2000	PFTP		
Diesel		0.02	2000	PFTP		
Vehicle Registration Fees	% of vehicle price, one-time fee	1% - 4% of vehicle price	2007	MOI		
Road Safety and Environment			Year	Source		
Annual Fatalities in Road Accidents	fatalities/10,000 vehicles	6	2006	WBS	26.6	6-85.6

Notes:

MOC: Ministry of Communication, National Road Safety Secretariat, "Road Safety in Pakistan" Report, June 21st, 2007
GOP/JICA: Fact Book on Pakistan Transport 2006 (Joint Jica & Government of Pakistan Study) http://www.pakistan.gov.pk/divisions/contentsinfo.jsp?DivD
WBS: World Bank local staff
WDI: World Bank World Development Indicators
ES: Economic Survey 2004-2005
SN: Pakistan Transport Sector Assistance Strategy Note
MOLGRD: Ministry of Local Government and Rural Development, MDTF: http://www.pakistan.gov.pk/divisions/lgrd-division/media/leftpanel/mtdf/MTDS.pdf
PRAMS: An analysis of PIHS data as part of Pakistan Rural Access and Mobilitry Study being carried out by the Bank, 2004
WB 1: WB, "Rural Access and Mobility in Pakistan: A Policy Note", 2005
PAD: Project Appraisal Document of Pakkistan Highway Rehabilitation
PID: WB SAR Updated Project Information Document (PID), PAKISTAN-Highways Rehabilitation, April 21, 2003. P. 3.
GTZ: http://www.gtz.de/fuelprices
HIES: Household Integrated Economic Survey (HIES) 1998-99, p.14
PFTP: Pakistan Fuel Tax Policy, p.75
MOI: Ministry of Interior: http://www.pakistan.gov.pk/divisions/ContentInfo.jsp?DivID=23&cPath=221_227_307&ContentID=771

Average: Average figures for the South Asia region
Range: Range of figures for the South Asia region

Core Railway Performance Indicators

Country		Pakistan			Average	Range
Year		2007				
Railway Network			Year	Source		
Total Track	km	11,515	2006	PSYB		
Total Route	km	7,791	2006	PSYB		
By Gauge	route-km					
Broad Gauge		7,479	2006	PSYB		
Narrow Gauge		312	2006	PSYB		
By Type						
Single Track		9,928	2003	PRYB		
Double Track		1,043	2003	PRYB		
Electrified		293	2003	PRYB		
Three Tracks						
Percentage of Multi-Tracked Lines	%	25.7%	2003	WBSC		
Railway Access			Year	Source		
Total Population	million	159	2006	WDI		
Total Land Area	sq km	770,880	2006	WDI		
Railway Density in terms of						
Population	rail route km/1,000 people	0.05	2006	WBSC	0.031	0.0008-0.06
Land Area	rail route km/sq km land	0.010	2006	WBSC	0.012	0.00004-0.02
Railway Traffic Density of Passenger	passengers/rail route km/yr	10,452	2006	WBSC	46,709	10,452-98,205
Railway Traffic Density of Freight	tonnes/rail route km/yr	774	2006	WBSC	2,958	153-11,492
Goods Transported Annually by Rail	million tonnes/yr	6.03	2006	PSYB		
Passengers Transported Annually by Rail	million passengers/yr	81.4	2006	PSYB		
Affordability			Year	Source		
Rail Passenger Tariff	$/passenger/km	0.0060	2004	PRYB		
Long Distance		0.0057	2003	PRYB		
Average Rail Tariff						
Freight	US$/ton km	0.0133	2006	PSYB	0.044	0.013-0.14
Passenger	US$ per passenger per km	0.0060	2004	PRYB	0.012	0.003-0.03

Railway Finance			Year	Source		
Rail Passenger Revenue	US$/pass-km	0.0064	2003	PRYB	0.0055	0.0041-0.006
Rail Freight Revenue	US$/ton-route km	0.0017	2006	PSYB	0.0013	0.0002-0.0048
No.of Employees		86,096	2006	PSYB		
No. of Passenger Coaches		1,904	2006	PSYB		
No. of Freight Wagons		20,809	2006	PSYB		
No. of Main Line Locomotives Operational, Total		544	2006	PSYB		
Electric		21	2006	PSYB		
Diesel		510	2006	PSYB		
Steam		13.0	2006	PSYB		
Railway Passenger Share (% of total passenger domestic travel)	%	9%	2004	PKES		6%-17%
Railway Freight Haulage Share (% of total freight domestic carriage)	%	4%	2004	PKES		3.9%-15%

Notes:

WDI: World Bank World Development Indicators

WBSC: World Bank staff's calculations

WBS: World Bank lcoal staff

PSYB: Pakistan Statistical Yearbook

PRYB: Pakistan Railway Yearbook

PKES: Pakistan Economic Survey

Average: Average figures for the South Asia region

Range: Range of figures for the South Asia region