

## Nepal: Transport At A Glance, 2007

### Core Road Performance Indicators

Country	Nepal			Average	Range
Year	2007				
<b>Road Network</b>					
Length of Total Roads, Total	km	17,282	Year	Source	
Main Roads	km	10,142	2004	DOR	
Classified Rural Roads	km	4,196	2004	DOR	
Other Rural Roads	km	684	2004	DOR	
Other Urban Roads	km	2,260	2004	DOR	
Length of Paved Roads, Total	km	5,273	2004	DOR	
Length of Paved Roads	%	31%	2004	WB	47% 23.7% - 81%
<b>Road Access</b>					
Access to All-Season Road	% of Rural Population	43%	Year	Source	
Total Number of Motor Vehicles	No.	501,825	2006	DOR	55% 39%-85%
Road Density in terms of					
Population	road km/1,000 people	0.6	2006	DOR/WDI	2.8 0.6-6.5
Land	road km/1,000 sq km total land	121	2006	DOR/WDI	745.4 53 - 2,079
Average Distance to Nearest Transportation Stop					
Urban Population	km	0.67	2004	FS	
Rural Population	km	30	2004	FS	
Goods Transported Annually by Road	million tons/km-yr	13,179 million	2001	WB	
Passengers Transported Annually by Road	% of total passengers	26,480 million	2001	WB	
<b>Affordability</b>					
Average Pump Price for Super Gasoline	\$/liter	\$0.94	Year	Source	
Average Pump Price for Diesel Fuel	\$/liter	\$0.73	2007	GTZ	0.9 0.68 - 1.01
Annual License Fees	\$ or local currency	\$9.15 - \$26.14	2007	GTZ	0.7 0.45-0.75
Vehicle Registration Fees	\$ or local currency	\$6.50	2003	HNKP	
Average Road Tariff per Passenger	US\$/passenger-km		2002-03	DTM	
Inter-city		0.1			
Intra-city		0.09	2003	DTM	
Rural		0.2	2003	DTM	
Average Road Tariff for Freight	\$/ton-km				
Inter-city		0.2	2003	PHC	0.015-0.2
Intra-city		0.06	2003	PHC	0.06-0.26
Rural		0.1	2003	PHC	0.1-0.41
<b>Urban Transport Modes - Modal Structure</b>					
(a) private car	% work trips per mode	20%	Year	Source	
(b) train or tram		0%	2003	TCC	3%-20%
(c) bus or minibus		59%	2003	TCC	0%-5%
(d) motorcycle		13%	2003	TCC	12%-76%
(e) bicycle, foot and other modes		8%	2003	TCC	1.5%-13% 8%-64.5%
<b>Road Safety and Environment</b>					
Annual Fatalities in Road Accidents	fatalities/10,000 vehicles	24.9	Year	Source	
			2006	DOR/WBS	26.6 6-85.6

**Notes:**

DOR: Department of Roads

WBS: WB staff calculations

FS: Field survey conducted by Mr. Santosh Kumar Bhattarai in 2004 of eight cities (for urban area), including: Kathmandu, Thimi, Rupandehi, Kapilb

WDI: World Bank World Development Indicators

WB: WB rough estimates based on Traffic Unit, Nepal Vehicle Kilometer Survey Report, 2001.

TCC: Traffic count of Chabahil, 2003.

GTZ: <http://www.gtz.de/fuelprices>

HNKP: Headline News Kathmandu Post, July 2003. Accessed at <http://www.nepalnews.com.np/contents/englishdaily/ktmpos/2003/jul/jul22/>

DTM: Department of Transport Management

PHC: private haulage companies

**Core Railway Performance Indicators**

Country	Nepal				Average	Range
Year	2007					
<b>Railway Network</b>						
Total Route	km	59	Year	Source		
			2006	CIA		
By Gauge	route-km					
Broad Gauge		0	2006	CIA		
Narrow Gauge		59	2006	CIA		
By Type						
Electrified		0	2003			
<b>Railway Access</b>						
Total Population	million	28	Year	Source		
			2006	WDI		
Total Land Area	sq km	143,000	2006	WDI		
Railway Density in terms of						
Population	rail route km/1,000 people	0.002			0.031	0.0008-0.06
Land Area	rail route km/sq km land	0.0004			0.012	0.00004-0.02
Railway Traffic Density of Passenger	passengers/rail route km/yr	21,695			46,709	10,452-98,205
Railway Traffic Density of Freight	tonnes/rail route km/yr	153			2,958	153-11,492
Goods Transported Annually by Rail	million tonnes/yr	0.01	2003	NDTM		
Passengers Transported Annually by Rail	million passengers/yr	1.3	2003	NDTM		
<b>Affordability</b>						
Average Rail Tariff			Year	Source		
Freight	US\$/ton km	0.140	2003	NDTM	0.044	0.013-0.14
Passenger	US\$ per passenger per km	0.010	2003	NDTM	0.012	0.003-0.03
<b>Railway Finance</b>						
Rail Passenger Revenue	US\$/pass-km	0.0052	Year	Source		
			2003	NDTM	0.0055	0.0041-0.006
Rail Freight Revenue	US\$/ton-route km	0.0048	2003	NDTM	0.0013	0.0002-0.0048
No. of Employees		200	2003	NDTM		

**Notes:**

WDI: World Bank World Development Indicators

WBSC: World Bank staff's calculations

WBS: World Bank local staff

NDTM: Nepal Department of Transport Management

Average: Average figures for the South Asia region

Range: Range of figures for the South Asia region