

Road and Transport

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Table 13.1: Surfaced & Total Length of Roads

(in km.)

Year	Surfaced	Total
2009	6383	7742
2010	6929	8727
2011	7001	9810
2012	8099	11293
2013	8518	10939
2014	7079	9803
2015	7278	9831

Table 13.2: Surfaced & Total Length of State Highways

(in km.)

Year	Surfaced	Total
2009	259	259
2010	696	700
2011	696	700
2012	696	700
2013	310	310
2014	214	214
2015	214	214

Table 13.3: Total and Surfaced Length of other PWD Roads

(in km.)

Year	Surfaced	Total
2009	3392	4700
2010	3301	5036
2011	3120	5852
2012	3164	6005
2013	3499	5560
2014	2853	4786
2015	2853	4786

PWD: Public Works Department

Source (Tables 13.1-13.3): Ministry of Road Transport & Highways, Govt. of India
 (Basic Road Statistics of India, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15).
<http://morth.nic.in/> (Accessed on 05.10.2016)

Table 13.4: Length of National Highways

(in km.)

Year	Length
2009	927
2010	927
2011	927
2012	1027
2013	1027
2014	1222
2015	1381

Table 13.5: Lane-wise Length of National Highways

(in km.)

Year	Less than 2 Lane	Two-Lane	Four-Lane & Above	Total
2009	823	104	0	927
2010	770	157	0	927
2011	770	157	0	927
2012	784	243	0	1027
2013	784	243	0	1027
2014	1101	121	0	1222
2015	1255	126	0	1381

Table 13.6: Length of other PWD Roads by Type of Surface

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2009	1032	2360	3392	1308	0	1308	4700
2010	400	2901	3301	1735	0	1735	5036
2011	0	3121	3120	2732	0	2732	5852
2012	0	3164	3164	2841	0	2841	6005
2013	21	3478	3499	2061	0	2061	5560
2014	0	2853	2853	1933	0	1933	4786
2015	0	2853	2853	1933	0	1933	4786

PWD: Public Works Department

W.B.M.: Water Bound Macadam; B.T.: Bituminous; C.C.: Cement Concrete

Source (Tables 13.4-13.6): Ministry of Road Transport & Highways, Govt. of India (Basic Road Statistics of India, 2011-12, 2012-13, 2013-14, 2014-15).<http://morth.nic.in/> (Accessed on 05.10.2016)

Table 13.7: Total and Surfaced Length of Rural Roads*

(in km.)

Year	Surfaced	Total
2009	1517	1517
2010	1720	1720
2011 (P)	1972	1972
2012	2103	2103
2013	2561	2561
2014	2274	2976
2015	2323	2852

P: Provisional*Excluding Jawahar Rojgar Yojna (JRY) Roads

Table 13.8: Length of Pradhan Mantri Gram Sadak Yojana (PMGSY) Roads*

(in km.)

Year	Length
2009	1517
2010	1720
2011	1972
2012	2103
2013	2561
2014	2976
2015	2852

*All PMGSY Roads are surfaced.

Table 13.9: Total and Surfaced Length of Urban Roads

(in km.)

Year	Surfaced	Total
2009	272	311
2010	272	311
2011	283	324
2012	324	377
2013	326	388
2014	299	346
2015	299	346

*Excluding Jawahar Rojgar Yojna (JRY) Roads

Source (Tables 13.7-13.9): Ministry of Rural Development, Ministry of Road Transport & Highways, Govt. of India; State Rural Works Departments/ Local Self- Government; Departments/State Panchayati Raj Departments/State Rural Road Departments and National Rural Road Development Agency (Basic Road Statistics of India, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15)

<http://morth.nic.in/> (Accessed on 05.10.2016)

Table 13.10: Length of Urban Roads

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2009	3	269	272	39	0	39	311
2010	3	269	272	39	0	39	311
2011	6	277	283	42	0	42	324
2012	3	321	324	53	0	53	377
2013	4	322	326	62	0	62	388
2014	3	296	299	47	0	47	346
2015	3	296	299	47	0	47	346

Table 13.11: Length of Military Engineering Service Roads

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2009*	0	10	10	0	0	0	10
2010*	0	10	10	0	0	0	10
2011*	0	18	18	0	0	0	18
2012	0	18	18	0	0	0	18
2013	0	8	8	0	0	0	8
2014	0	10	10	0	0	0	10
2015	0	10	10	0	0	0	10

W.B.M.: Water Bound Macadam; B.T.: Bituminous; C.C.: Cement Concrete

*: Data as on 31st March 1999**Table 13.12:** Total and Surfaced Length of Project Roads

(in km.)

Year	Surfaced	Total
2009	15	28
2010	14	34
2011	4	35
2012	786	1082
2013	795	1093
2014	217	259
2015	208	252

Source (Tables 13.10-13.12): Ministry of Road Transport & Highways, Govt. of India; Various State Govt. Departments; Directorate of Works, Engineering in Chief's Branch, Integrated HQ of MoD (Army); (Basic Road Statistics of India, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15). <http://morth.nic.in/> (Accessed on 10.10.2016)

Table 13.13: Length of Project Roads

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2009	0	15	15	7	6	13	28
2010	0	14	14	16	4	20	34
2011	0	4	4	28	3	31	35
2012	0	786	786	296	0	296	1082
2013	3	792	995	298	0	298	1093
2014	56	161	217	42	0	42	259
2015	46	162	208	44	0	44	252

Table 13.14: Length of Road under Forest Department

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2009	0	15	15	7	6	13	28
2010	0	14	14	16	4	20	34
2011	0	4	4	31	0	31	35
2012*	0	4	4	31	0	31	35
2013	3	10	13	33	0	33	46
2014	3	10	13	33	0	33	46
2015#	3	10	13	33	0	33	46

*: As on 31st March 2011; #: As on 31st March 2014

Table 13.15: Length of Road under Border Road Organization

(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2012	0	782	782	265	1047
2013	0	782	782	265	1047
2014	53	151	204	9	213
2015	43	152	195	11	206

W.B.M.: Water Bound Macadam; B.T.: Bituminous; C.C.: Cement Concrete

Source (Tables 13.13-13.15): Ministry of Road Transport & Highways, Govt. of India; Various State Govt. Departments (Basic Road Statistics of India, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15)

<http://morth.nic.in/> (Accessed on 05.10.2016)

Table 13.16: Outlay and Expenditure on Roads and Bridges

(in Rs. Lakhs)

Year	Approved Outlay	Expenditure
2009-10	5,887.0	6,649.41
2010-11	13,246.00	12,831.00
2011-12	12,214.22	14,149.05
2012-13	32,936.8	6,819.3
2013-14	23,766.55	22,116.55

Table 13.17: National Highways (as on 31st December, 2014)

National Highways	6 New, 44A, 54, 54A, 54B, 150, 154, 302 New & 502A New
Total Length (km.)	1222.00

Source (Tables 13.16-13.17): Ministry of Road Transport & Highways, Govt. of India; Niti Ayog, Yojana Bhawan, New Delhi (Basic Road Statistics of India, 2011-12, 2012-13).

<http://morth.nic.in/> (Accessed on 26.10.2016)

Table 13.18: Registered Motor Vehicles

Year	Registered Motor Vehicles (per 1000 Population)	% Share
2010-11	85	0.1
2011-12	100	0.1
2012-13	118	0.1
2013-14	132	NA
2014-15	144	NA

Source: Ministry of Road Transport & Highways, Govt. of India
(Road Transport Year Book, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15).
<http://morth.nic.in/> (Accessed on 29.10.2016)

Table 13.19: Details of Road Accidents

Year	Total Number of Road Accidents	Share of States/UTs in Total Number of Road Accidents	Total Number of Accidents Per Lakh Population	Total Number of Road Accidents per 10,000 Vehicles	Total Number of Road Accidents per 10,000 km of Roads
2011	97	0.0	8.9	10.5	98.9
2012	110	0.0	10.8	10.8	97.4
2013	114	0.0	11.1	9.4	104.2
2014	132	0.0	12.7	NA	NA
2015	70	0.0	6.7	NA	NA

Source: Ministry of Road Transport & Highways Transport Research Wing, Govt. of India, New Delhi.
<http://morth.nic.in/showfile.asp?lid=2495> (Accessed on 10.10.2016)

Table 13.20: Details of Person Killed in Road Accidents

Year	Total Number of Persons Killed in Road Accidents	Share of States/UTs in Total Number of Persons Killed in Road Accidents	Total Number of Persons Killed in Road Accidents (per Lakh Population)	Total Number of Persons Killed in Road Accidents (per 10,000 Vehicles)	Total Number of Persons Killed in Road Accidents (per 10,000 km of Roads)
2011	81	0.1	7.4	8.7	82.6
2012	77	0.1	7.6	7.6	68.2
2013	97	0.1	9.4	8.0	88.7
2014	103	0.1	9.9	-	-
2015	72	0.0	6.9	-	-

Table 13.21: Details of Person Injured in Road Accidents

Year	Total Number of Persons Injured in Road Accidents	Share of States/UTs in Total Number of Persons Injured in Road Accidents	Total Number of Persons Injured in Road Accidents (per Lakh Population)	Total Number of Persons Injured in Road Accidents (per 10,000 Vehicles)	Total Number of Persons Injured in Road Accidents (per 10,000 km of Road)
2011	215	0.04	19.7	23.2	219.2
2012	172	0.0	16.9	16.9	152.3
2013	264	0.1	25.7	21.8	241.3
2014	234	0.0	22.5	-	-
2015	103	0.0	9.8	-	-

Source (Tables 13.20-13.21): Ministry of Road Transport & Highways Transport Research Wing: Govt. of India, New Delhi.

<http://morth.nic.in/> (Accessed on 10.10.2016)

Table 13.22: Types of Accidents (2015)

Type of Accidents	Number
Fatal Accidents	50
Grievous Injury Accidents	15
Minor Injury Accidents	1
Non-Injury Accidents	4
Total Accidents	70

Table 13.23: Severity* of Road Accidents

Year	Number
2011	83.5
2012	70
2013	85.1
2014	78
2015	102.9

* Accident Severity: Road accident deaths per 100 accidents

Table 13.24: Number of accidents/ persons killed/ persons injured in road accidents in Urban & Rural areas

Year	Urban			Rural			Total		
	Total	Injured	Killed	Total	Injured	Killed	Total	Injured	Killed
2013	46	24	79	68	73	185	114	97	264
2014	70	42	83	62	61	151	132	103	234
2015	36	31	34	34	41	69	70	72	103

Source (Tables 13.23-13.24): Ministry of Road Transport & Highways Transport Research Wing, Govt. of India, New Delhi.
<http://morth.nic.in/> (Accessed on 10.10.2016)