

Road and Transport

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Table 13.1: Surfaced & Total Length of Roads

(in km.)

Year	Surfaced	Total
2009	13,217	32,767
2010	13,760	33,338
2011	14,203	33,772
2012	14,548	29,248
2013	17,716	31,021
2014	18,831	41,857
2015	19,039	37,384

Table 13.2: Surfaced & Total Length of State Highways

(in km.)

Year	Surfaced	Total
2009	679	689
2010	679	689
2011	679	689
2012	689	689
2013	689	689
2014	1,378	1,378
2015	1,378	1,378

Table 13.3: Total and Surfaced Length of other PWD Roads

(in km.)

Year	Surfaced	Total
2009	5,666	19,459
2010	5,666	20,869
2011	5,666	20,502
2012	5,250	9,265
2013	7,019	9,639
2014	7,019	9,639
2015	7,019	9,639

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 03.05.2017)

Table 13.4: Length of National Highways

(in km.)

Year	Length
2009	400
2010	400
2011	400
2012	400
2013	400
2014	509
2015	577

Table 13.5: Lane-wise Length of National Highways

(in km.)

Year	Less than 2 Lane	Two-Lane	Four-Lane & Above	Total
2009	336	64	0	400
2010	334	66	0	400
2011	328	72	0	400
2012	362	38	0	400
2013	362	38	0	400
2014	452	57	0	509
2015	502	75	0	577

Source (Tables 13.4-13.5): 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 05.05.2017)

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	2,972	2,694	5,666	2,993	5,984	8,977	14,643
2010	2,972	2,694	5,666	2,993	5,984	8,977	14,643
2011	2,972	2,694	5,666	2,993	5,984	8,977	14,643
2012	0	5,250	5,250	4,015	0	4,015	9,265
2013	0	7,091	7,091	2,620	0	2,620	9,639
2014	0	7,091	7,091	2,620	0	2,620	9,639
2015	0	7,091	7,091	2,620	0	2,620	9,639

PWD: Public Works Department; W.B.M.: Water Bound Macadam; B.T.: Bituminous; C.C.: Cement Concrete

Source: 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 05.05.2017)

Table 13.7: Total and Surfaced Length of Rural Roads*

(in km.)

Year	Surfaced	Total
2009	6,273	15,462
2010	6,793	15,982
2011 (P)	7,226	16,415
2012	7,578	16,767
2013	8,976	18,165
2014	9,625	28,648
2015	9,764	24,106

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

Source: 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 11.05.2017)

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

(in km.)

Year	Length
2009	1,033
2010	1,553
2011	1,986
2012	2,338
2013	3,736
2014	5,742
2015	6,479

*All PMGSY Roads are surfaced.

Table 13.9: Total and Surfaced Length of Urban Roads

(in km.)

Year	Surfaced	Total
2009	186	227
2010	209	278
2011	211	280
2012	211	280
2013	211	280
2014	230	279
2015	230	279

*Excluding Jawahar Rojgar Yojna (JRY) Roads

Source (Tables 13.8-13.9): 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 11.05.2017)

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	79	107	186	28	13	41	227
2010	90	119	209	57	12	69	278
2011	90	121	211	57	12	69	280
2012	90	121	211	57	12	69	280
2013	90	121	211	57	12	69	280
2014	99	131	230	49	0	49	279
2015	99	131	230	49	0	49	279

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	20	20	0	0	0	20
2010	0	20	20	0	0	0	20
2011	0	22	22	0	0	0	22
2012	0	22	22	0	0	0	22
2013	0	22	22	0	0	0	22
2014	0	22	22	0	0	0	22
2015	0	22	22	0	0	0	22

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

Source (Tables 13.10-13.11): 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 19.05.2017)

Table 13.12: Length of Municipal Roads

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2012	75	82	157	25	12	37	194
2013	75	82	157	25	12	37	194
2014	75	82	157	25	12	37	194
2015	75	82	157	25	12	37	194

Source: 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 19.05.2017)

Table 13.13: Length of Railway Roads

(in km.)

Year	Surfaced			Unsurfaced			Grand Total (A+B)
	W.B.M.	B.T./C.C.	Total (A)	Motorable	Non-Motorable	Total (B)	
2012	15	17	32	32	0	32	64
2013	15	17	32	32	0	32	64
2014	24	27	51	12	0	12	63
2015	24	27	51	12	0	12	63

Source: Ministry of Road Transport & Highways, Govt. of India; Various State Govt. Departments (Basic Road Statistics of 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15). <http://morth.nic.in/>; (Accessed on 27.05.2017)

Table 13.14: Outlay and Expenditure on Roads and Bridges

(in Rs. Lakhs)

Year	Approved Outlay	Expenditure
2011-12	16567.75	23771.95
2012-13	17936.90	27747.33
2013-14	20822.09	20822.09

Source: Ministry of Road Transport & Highways, Govt. of India; Niti Ayog, Yojana Bhawan, New Delhi (Basic Road Statistics of 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15). <http://morth.nic.in/>; (Accessed on 26.05.2017)

Table 13.15: National Highways (as on 31st March, 2015)

National Highways	44 , 44A, 108A & 208 New
Total Length (km.)	577.00

Source: Ministry of Road Transport & Highways, Govt. of India; Niti Ayog, Yojana Bhawan, New Delhi (Basic Road Statistics of 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15). <http://morth.nic.in/>; (Accessed on 26.05.2017)

Total 13.16: Length of National and State Highways-by Width

(in km.)

Year		2008	2009	2010	2011	2012	2013
Surfaced Length of National Highways	Below Standard Single Lane	-	-	-	-	-	-
	Standard Single Lane	336	336	334	328	362	362
	Standard Double Lane	64	64	66	72	38	38
	Standard Multi Lane	-	-	-	-	-	0
	Total	400	400	400	400	400	400
	Below Standard Single Lane (BSSL)	72	72	72	-	-	-
	Standard Single Lane (SSL)	607	607	607	470	470	-
Surfaced Length of State Highways	Standard Double Lane	-	-	-	219	219	219
	Standard Multi Lane	-	-	-	-	-	0
	Total	679	679	679	689	689	689

Source: Transport Research Wing, Ministry of Road Transport and Highways, Ministry of Statistics & Programme Implementation, Govt. of India (Statistical Year Book, India 2016). <http://www.mospi.gov.in/statistical-year-book-india/2016/190>; (Accessed on 22.05.2017)

Table 13.17: Registered Motor Vehicles

(in Thousands)

Year	Nos.
2008	131
2009	144
2010	158
2011	176
2012	204
2013	245
2014	256
2015	282

Source: Ministry of Road Transport & Highways, Govt. of India, Offices of State Transport Commissioners/UT Administrations (Road Transport Year Book 2012-13, 2013-14, 2014-15). <http://morth.nic.in/>; (Accessed on 07.05.2017)

Total 13.18: Number of Motor Vehicles Registered

(in Number)

Year	2009	2010	2011	2012
Two-Wheeler	85,455	97,895	1,17,486	1,29,343
Light Motor Vehicles (Passengers)	16,968	15,749	18,074	19,203
Jeeps	4,977	12,340	14,434	15,542
Cars	9,996	10,095	11,224	12,390
Taxis	1,380	3,199	3,468	3,530
Buses	2,223	2,194	2,295	2,312
Goods Carrier Vehicles(a)	14,343	16,631	18,502	19,620
Miscellaneous(b)	8,511	2,016	2,190	2,280
Total No. of vehicles	1,43,823	1,60,119	1,87,673	2,04,218

Source: Transport Research Wing, Ministry of Surface Transport, Ministry of Statistics & Programme Implementation, Govt. of India (Statistical Year Book, India 2016). <http://www.mospi.gov.in/statistical-year-book-india/2016/189>; (Accessed on 22.05.2017)

Table 13.19: Registered Motor Vehicles

Year	Registered Motor Vehicles (per 1000 Population)	% Share
2011-12	56	0.1
2012-13	66	0.1
2013-14	68	0.1
2014-15	74	0.1

Source: Ministry of Road Transport & Highways, Govt. of India
(Road Transport Year Book, 2009-10, 2010-11, 2011-12)
<http://morth.nic.in/>; (Accessed on 29.05.2017)

Table 13.20: 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	834	0.2	22.7	44.4	301.9
2012	888	0.2	23.9	43.5	303.6
2013	818	0.2	22.1	33.4	263.7
2014	716	0.1	19.1	-	-
2015	647	0.1	17.1	-	-

Source: Ministry of Road Transport & Highways Transport Research Wing: Govt. of India, New Delhi.
<http://morth.nic.in/>; (Accessed on 08.05.2017)

Table 13.21: 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	245	0.2	6.7	13.1	88.7
2012	272	0.2	7.3	13.3	93.0
2013	226	0.2	6.1	9.2	72.9
2014	188	0.1	5.0	-	-
2015	158	0.1	4.2	-	-

P: Provisional

Source: Ministry of Road Transport & Highways Transport Research Wing: Govt. of India, New Delhi. <http://morth.nic.in/>; (Accessed on 08.05.2017)

Table 13.22: 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 Roads)
2011	1,030	0.2	28.1	54.9	372.9
2012	1,237	0.2	33.8	60.6	422.9
2013	1,277	0.3	34.5	52.1	411.7
2014	1,225	0.2	32.7	-	-
2015	1,028	0.2	27.2	-	-

P: Provisional

Source: Ministry of Road Transport & Highways Transport Research Wing: Govt. of India, New Delhi. <http://morth.nic.in/>; (Accessed on 08.05.2017)

Table 13.23: Types of Accidents

Type of Accidents	Number(s)		
	2013	2014	2015
Fatal Accidents	219	168	154
Grievous Injury Accidents	558	518	473
Minor Injury Accidents	10	12	9
Non-Injury Accidents	31	18	11
Total Accidents	818	716	647

Source: Ministry of Road Transport & Highways Transport Research Wing: Govt. of India, New Delhi.
<http://morth.nic.in/>; (Accessed on 08.05.2017)

Table 13.24: Severity* of Road Accidents

Year	Number
2011	29.4
2012	30.6
2013	27.6
2014	26.3
2015	0.0

* Accident Severity: Road accident deaths per 100 accidents

Source: Ministry of Road Transport & Highways Transport Research Wing, Govt. of India, New Delhi.
<http://morth.nic.in/>; (Accessed on 10.06.2017)