

Road and Transport

- 13.1:** Surfaced & Total Length Roads in Arunachal Pradesh (A.P.)
- 13.2:** Length of National Highways
- 13.3:** Lane-wise Length of National Highways
- 13.4:** Total and Surfaced Length of other PWD Roads
- 13.5:** Length of other PWD Roads by Type of Surface
- 13.6:** Total and Surfaced Length of Rural Roads*
- 13.7:** Length of Pradhan Mantri Gram Sadak Yojana (PMGSY) Roads*
- 13.8:** Total and Surfaced Length of Urban Roads
- 13.9:** Length of Urban Roads by Type of Surface
- 13.10:** Length of Military Engineering Service Roads by Type of Surface
- 13.11:** Length of Railway Road by Type of Surface
- 13.12:** Total and Surfaced Length of Project Roads
- 13.13:** Length of Project Road by Type of Surface
- 13.14:** Length of Road under Forest Department by Type of Surface
- 13.15:** Length of Road under Border Road Organisation by Type of Surface
- 13.16:** Outlay and Expenditure on Roads and Bridges
- 13.17:** Details of National Highways
- 13.18:** Distribution of Density of National Highways Length
- 13.19:** Registered Motor Vehicles
- 13.20:** Registered Motor Vehicles per 1000 Population and % Share of Registered Motor Vehicles
- 13.21:** Details of Road Accidents
- 13.22:** Details of Person Killed in Road Accidents
- 13.23:** Details of Person Injured in Road Accidents
- 13.24:** Types of Accidents
- 13.25:** Number of Fatal Accidents

Table 13.1: Surfaced & Total Length of Roads in Arunachal Pradesh (A.P.)
(in km.)

Year	Surfaced	Total
2009	13314	20384
2010	13959	21122
2011	14336	21555
2012	13157	14980
2013	20408	28095

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13
Ministry of Road Transport & Highways, Govt. of India

Table 13.2: Length of National Highways
(in km.)

Year	Length
2009	1992
2010	1992
2011	1992
2012	2027
2013	2027

Source: Basic Road Statistics of India 2008-09, 2009-10,
2010-11, 2011-12, 2012-13
Ministry of Road Transport & Highways, Govt. of India

Table 13.3: Lane-wise Length of National Highways
(in km.)

Year	Less than 2 Lane	Two-Lane	Four-Lane & Above	Total
2009	1940	52	0	1992
2010	1940	52	0	1992
2011	1908	84	0	1992
2012	1811	216	0	2027
2013	1811	216	0	2027

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13,
Ministry of Road Transport & Highways, Govt. of India

Table 13.4: Total and Surfaced Length of other PWD Roads
(in km.)

Year	Surfaced	Total
2009	8945	12967
2010	8945	12967
2011	8945	12967
2012	3856	3856
2013	9226	15089

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, Ministry of Road Transport & Highways, Govt. of India

Table 13.5: Length of other PWD Roads by Type of Surface
(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2012	1109	2747	3856	0	3856
2013	2362	6864	9226	5863	15089

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

Source: Basic Road Statistics of 2011-12, 2012-13
Ministry of Road Transport & Highways, Govt. of India

Table 13.6: Total and Surfaced Length of Rural Roads* in A.P.
(in km.)

Year	Surfaced	Total
2009	2281	4284
2010	2926	5023
2011	3303	5455
2012	3345	3345
2013	5262	5262

* Excluding JRY Roads

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13
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, Ministry of Rural Development

Table 13.7: Length of Pradhan Mantri Gram Sadak Yojana (PMGSY) Roads*
(in km.)

Year	Length
2009	1937
2010	2559
2011	2926
2012	3345
2013	5262

*: All PMGSY Roads are surfaced.

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, Ministry of Road Transport & Highways, Govt. of India

Table 13.8: Total and Surfaced Length of Urban Roads
(in km.)

Year	Surfaced	Total
2009	53	53
2010	53	53
2011	53	53
2012	53	53
2013	18	18

* Excluding JRY Roads

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13
Ministry of Road Transport & Highways, Govt. of India

Table 13.9: Length of Urban Roads by Type of Surface
(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2009	0	53	53	0	53
2010	0	53	53	0	53
2011	0	53	53	0	53
2012	0	53	53	0	53
2013	0	18	18	0	18

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

Source: Basic Road Statistics of 2011-12, 2012-13
Ministry of Road Transport & Highways, Govt. of India

Table 13.10: Length of Military Engineering Service Roads by Type of Surface
(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2009	0	51	51	0	51
2010	0	51	51	0	51
2011	0	51	51	0	51
2012	0	51	51	0	51
2013	0	16	16	0	16

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

Source: Basic Road Statistics of 2011-12, 2012-13

Ministry of Road Transport & Highways, Govt. of India

Directorate of Works, Engineering in Chiefs Branch, Integrated HQ of MoD (Army)

Table 13.11: Length of Railway Road by Type of Surface
(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2009	0	2	2	0	2
2010	0	2	2	0	2
2011	0	2	2	0	2
2012	0	2	2	0	2
2013	0	2	2	0	2

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

Source: Basic Road Statistics of 2011-12, 2012-13 Ministry of Road Transport & Highways, Govt. of India. Data based on Railway Zones who had reported information

Table 13.12: Total and Surfaced Length of Project Roads
(in km.)

Year	Surfaced	Total
2009	43	1088
2010	43	1088
2011	43	1088
2012	3875	5699
2013	3875	5699

* Excluding JRY Roads

Source: Basic Road Statistics of India 2008-09, 2009-10, 2010-11, 2011-12, 2012-13. Ministry of Road Transport & Highways, Govt. of India; Various State Govt. Departments

Table 13.13: Length of Project Road by Type of Surface

(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2009	7	36	43	1045	1088
2010	7	36	43	1045	1088
2011	7	36	43	1045	1088
2012	261	3614	3875	1824	5699
2013	261	3614	3875	1824	5699

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

Source: Basic Road Statistics of 2011-12, 2012-13, Ministry of Road Transport & Highways, Govt. of India. Various State Govt. Departments

Table 13.14: Length of Road under Forest Department by Type of Surface

(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2009	7	36	43	1045	1088
2010	7	36	43	1045	1088
2011	7	36	43	1045	1088
2012	7	40	47	1078	1125
2013	7	40	47	1078	1125

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

Source: Basic Road Statistics of 2011-12, 2012-13, Ministry of Road Transport & Highways, Govt. of India. State Departments of Forests

Table 13.15: Length of Road under Border Road Organization by Type of Surface

(in km.)

Year	Surfaced			Unsurfaced	Grand Total
	W.B.M.	B.T./C.C.	Total		
2012	254	3574	3828	746	4574
2013	254	3574	3828	746	4574

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

Source: Basic Road Statistics of 2011-12, 2012-13, Ministry of Road Transport & Highways, Govt. of India. Border Roads Organization

Table 13.16: Outlay and Expenditure on Roads and Bridges

(in Rs. Lakhs)

Year	Outlay	Expenditure
2007-08	10,367.00	22,096.94
2008-09	26,833.00	59,441.17
2009-10	11,789.00	52,931.00
2010-11	57,720.45	70,294.61
2011-12	23,797.64	78372.86
2012-13	37953.35	NA
2013-14	835	835

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

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

National Highways	52, 52A, 153, 229, 52B Ext, 37 Ext., 315A, 713 New, 513 New, 313 New, 113 New & 713A 2513.05 New
Total Length (km.)	2513.05

Source: Basic Road Statistics of 2011-12, 2012-13; Ministry of Road Transport & Highways, Govt. of India

Table 13.18: Distribution of Density of National Highways Length in A.P.

Total NH length (in km.)	2513.05
Area (in 1000 sq. km.)	83.743
Length of NH (in km/1000 sq. km.)	30.0
Population (in Lakhs as per 2011 Census)	13.83
Length of NH (in km./Lakh population)	181.7

Source: Basic Road Statistics of 2012-13, Ministry of Road Transport & Highways, Govt. of India

Table 13.19: Registered Motor Vehicles
(in Thousands)

Year	Nos.
2002	21
2003	21
2004	21
2005	22
2006	22
2007	22
2008	22
2009	22
2010	22
2011	145
2012	151

For Year 2002-2010- Data based on 1997

Source: Road Transport Year Book 2011-12; Offices of State Transport Commissioners/UT Administrations; Ministry of Road Transport & Highways, Govt. of India

Table 13.20: Registered Motor Vehicles per 1000 Population and % Share of Registered Motor Vehicles (2011-12)

Year	Registered Motor Vehicles Per 1000 Population	% Share
2010	18	0.02
2011	105	0.1
2012	121	0.1

Source: Road Transport Year Book 2009-10, 2010-11, 2011-12; Ministry of Road Transport & Highways, Govt. of India

Table 13.21: 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	263	0.1	19.0	18.2	122.0
2012	251	0.1	20.0	16.6	167.6
2013	308	0.1	24.3	20.4 (P)	109.6 (P)
2014	205	0.0	16.0	-	-

P: Provisional

Source: Government of India Ministry of Road Transport & Highways Transport Research Wing, New Delhi

Table 13.22: 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	126	0.1	9.1	8.7	58.5
2012	138	0.1	11.0	9.1	92.1
2013	143	0.1	11.3	9.5 (P)	50.9 (P)
2014	119	0.1	9.3	-	-

P: Provisional

Source: Government of India Ministry of Road Transport & Highways Transport Research Wing, New Delhi

Table 13.23: 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	438	0.1	31.7	30.3	203.2
2012	399	0.1	31.8	26.4	266.4
2013	405	0.1	31.9	26.8 (P)	144.2 (P)
2014	308	0.1	24.0	-	-

P: Provisional

Source: Government of India Ministry of Road Transport & Highways Transport Research Wing, New Delhi

Table 13.24: Types of Accidents (as on 2014)

Type of Accidents	Number
Fatal Accidents	92
Grievous Injury Accidents	64
Minor Injury Accidents	34
Non-Injury Accidents	15
Total Accidents	205

Source: Government of India Ministry of Road Transport & Highways Transport Research Wing, New Delhi

Table 13.25: Number of Fatal Accidents

Year	Number
2011	96
2012	94
2013	120
2014	92

Source: Government of India Ministry of Road Transport & Highways Transport Research Wing, New Delhi