REVIEW OF THE PERFORMANCE OF STATE ROAD TRANSPORT UNDERTAKINGS

FOR

APRIL, 2015 – MARCH, 2016



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

सड़क परिवहन एवं राजमार्ग मंत्रालय

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

परिवहन अनुसंधान प्रभाग

TRANSPORT RESEARCH WING

नई दिल्ली

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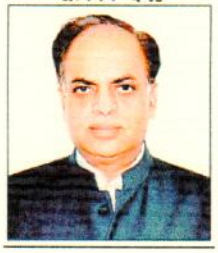
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सत्यमेव जयते



FOREWORD

The State Road Transport Undertakings (SRTUs) provide bus-based public transport to urban and rural population of the country.

The significant role that SRTUs play in providing mobility to the public can be imagined from the fact that during 2015-16 they, collectively, performed 148 crore passenger-kilometres per day and carried over 6.8 crore passengers per day.

This Volume of 'Review of Performance of State Road Transport Undertakings' provides comprehensive information on physical and financial performance of 47 reporting SRTUs during 2015-16 and a comparative analysis vis-à-vis the status in 2014-15. It also carries, in broad categories, the status of physical and financial performances of individual SRTUs from 2010-11 till 2015-16.

Deteriorating combined annual net loss of SRTUs is a matter of concern. The reporting 47 STRUs incurred a combined net loss of Rs.11,349.78 in 2015-16 which is 7.2 per cent increase over the previous year, i.e. 2014-15. An examination of individual STRUs, however, reveals that seven of them have reported net profit during 2015-16.

The revenue and cost structure of SRTU and their net profits/losses are determined by underlying operational efficiency parameters within which each SRTU functions. The physical (and operational) efficiency parameters of SRTUs such as fleet vintage, fleet utilisation, occupancy ratio, staff productivity, etc. are detailed in one of the Sections of the report. Any remedial action would necessarily be SRTU-wise on each of the cost and revenue parameters addressing underlying efficiency parameters.

I hope this publication would be useful to administrators, policy-makers and academia interested in the subject of public transport system in the country. I acknowledge the cooperation of SRTUs and contribution of officers and staff involved in the work related to this publication.

Constructive suggestions are welcome to further improve the quality and coverage of future issues of this publication.

(Yudhvir Singh Malik)

New Delhi
Date: October 16, 2017

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PREFACE

Review of Performance of State Road Transport Undertakings (SRTUs) is one of the annual publications of the Ministry of Road Transport & Highways. The present issue reviews the physical and financial performance of 47 reporting SRTUs in India for the financial year 2015-16 vis-à-vis the previous financial year, i.e., 2014-15.

A chapter on operational efficiency parameters, which determine the revenue & cost structure and thereby the net profit/loss position of SRTUs, has been added in the present Report.

I would like to thank all the 47 reporting SRTUs for providing us information well in time, to help us in bringing out this publication. I would also congratulate the officers and staff of Transport Research Wing for their contribution in preparing this publication.

Suggestions from users of the publication as well as the SRTUs would help us in improving the quality and coverage of future issues of this publication.

Kirti Saxena

(Kirti Saxena)

New Delhi
Date: 16th October, 2017

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EXECUTIVE SUMMARY

- State Road Transport Undertakings (SRTUs) are the dominant players in bus-based public transport system in most States and Union Territories. There are altogether 54 SRTUs comprising of 24 State Road Transport Corporations (SRTCs), 12 Companies, 8 Government Departmental Undertakings and 10 Municipal Undertakings, providing passenger transport services for rural, inter-city and urban areas.

- This Report pertains to 47 State Road Transport Undertakings (SRTUs) which have reported their physical and financial performance parameters to the Transport Research Wing of the Ministry of Road Transport & Highways, Government of India for the financial year 2015-16.

- The 47 reporting SRTUs held a total of 1,42,855 buses out of which 1,29,179 buses were operated, on an average, implying fleet utilisation of 90.4 during 2015-16. The average age of fleet ranges from 3.17 years for Ahmedabad MTC to 12.85 years for Bihar STRC.

- The combined staff strength of the 47 reporting SRTUs was 7,38,325 in 2015-16 which is slightly lower than the staff strength in 2014-15 of 7,41,835. Staff to bus ratio works out to 5.17 and staff productivity measured by revenue earning kilometres performed per staff per day is 59.13 in 2015-16.

- The SRTUs performed 148 crore passenger-kilometres per day and carried over 6.8 crore passengers per day during 2015-16. The average occupancy ratio of 69.65 in 2015-16 is marginally lower than 70.74 for 2014-15.

- The combined revenue of Rs.51,748.34 crore in 2015-16 is an increase of about 1.6 per cent over the amount of Rs.50,934.02 crore revenue earned in 2014-15. But the combined cost has increased by 2.4 per cent; from Rs. 62,845.92 crore in 2014-15 to Rs. 64,377.09 crore in 2015-16.

- The reporting 47 SRTUs reported a combined net loss of Rs.11,349.78 crore in 2015-16 which is 7 per cent higher than the net loss of Rs.10,587.98 crore for 2014-15. The net loss figures for 2014-15 and 2015-16 does not equal total revenue minus total cost

due to prior period adjustments and utilisation of interest due to the net profits in respect of DTC and Maharashtra SRTC.

- Fare concessions and subsidies extended by State/UT governments to various categories of the citizens often lack quantification and transparency thereby diluting accountability. All forms for concession and subsidies should be explicitly accounted and cases of delay in reimbursement should be minimized and subsidies should be fully funded by the State/UT governments.

- SRTUs are vastly diverse in scale of operation as well as in financial performance. Three SRTUs, namely, Maharashtra STRC, Andhra Pradesh STRC and Telangana STRC have accounted for over 30 per cent of fleet in operation, passenger carried and total revenue of the 47 SRTUs, whereas the 3 SRTUs of Tripura, Mizoram and Meghalaya have practically negligible share in fleet size and passenger carried.

- The financial performance of SRTUs has also been widely varied; 40 out of 47 SRTUs have incurred losses while 7 SRTUs, namely, Bangalore Metropolitan, Himachal RTC, Kadamba TC Ltd., Karnataka SRTC, Odisha SRTC, PUNBUS and UP SRTC have reported net profit in 2015-16.

- The revenue and cost structures of SRTUs and the net profits/losses are determined by the underlying operational efficiency parameter within which each SRTU function. An analysis has been done in Section 4. Performance in key operation parameters such as fleet utilisation, occupancy ratio, bus-staff ratio, age of vehicles, however, vary widely between SRTUs.

- SRTUs plying in 8 metropolitan cities, namely, Ahmedabad, BEST Undertaking, Bangalore Metropolitan TC, Calcutta TC, Chandigarh TU, Delhi TC, Metro TC (Chennai) and Pune Mahamandal, accounted for 16 per cent of total fleet and 26 per cent of passenger carried. There are no substantial differences in physical and financial performance between SRTUs of metropolitan cities and those of pan state SRTUs.

- The Ministry has been providing financial assistance to States for introduction of IT such as Global Positioning System (GPS)/Global System for Mobile Communication (GSM) based vehicle tracking system, electronic ticket vending machines etc. With this support, several STRCs are adopting IT for efficient management of fleet and routes through GPS tracking, online reservation and ticketing etc. to minimize leakages, enhance revenue and improve service quality.

1. Overview

1.1 Bus-based public transport system provides mobility to people and offers a cost effective alternative to various modes of transport in urban and rural areas. In urban and metro cities, bus-based public transport system offers a viable solution to the enormous problems of traffic congestion and pollution, and in rural areas it provides an affordable and convenient means to transport people and goods. Bus transport makes the most optimum use of the available road space and fossil fuel by transporting the maximum number of people per unit of road space and passenger km/litre. In terms of per passenger kilometre, it is estimated that on an average a car consumes nearly 6 times more energy than an average bus, while two wheelers consume about 2.5 times and three wheelers 4.7 times more energy (Report of Working Group on Road Transport for the 12th FYP).

1.2 State Road Transport Undertakings (SRTUs) are bus-based public transport undertakings set up under the Road Transport Corporation Act, 1950. There are altogether 54 SRTUs comprising of 24 State Road Transport Corporations (SRTCs), 12 Companies, 8 Government Departmental Undertakings and 10 Municipal Undertakings. These provide passenger transport services for rural, inter-city and urban areas. In most States, bus-based public transport continues to be dominated by SRTUs in terms of both coverage and patronage. This Report pertains to 47 State Road Transport Undertakings (SRTUs) which have reported their physical and financial performance parameters to the Transport Research Wing of the Ministry of Road Transport & Highways, Government of India for the financial year 2015-16.

1.3 The number of registered vehicles in the country stands at over 2100 lakh in 2015 and has recorded an annual compound growth rate of 9.8 per cent during 2005 to 2015 whereas the total road length of about 54 lakh in 2015 has increased at the rate 3.7 per cent in the same period. The existing stock of roads is becoming increasingly inadequate to cater to the large number of vehicles plying on the road.

1.4 Moreover, the composition of annual registered motor vehicles in India over the years has shown a decline in the share of buses in total registered vehicles due to higher pace of increase in two-wheelers and cars. At the end of fiscal year 2014-15, out of total registered vehicles of over 2100 lakh in the country, only 19.71 lakh (0.94%) were buses including

omni buses. The number of buses owned by the public sector, i.e., State Road Transport Undertakings was only about 1.4 lakh.

1.5 The increasing number of cars and two-wheelers on the roads has been contributing to traffic congestion, pollution and rising road accidents and fatalities. The bus based SRTUs accommodating larger number of commuters will reduce pollution and congestion and road accidents.

1.6 The 47 reporting SRTUs held a total of 1,42,855 buses out of which 1,29,179 buses were operated, on an average, during 2015-16. These buses carried over 6.8 crore passengers per day and performed 148 crore passenger-kilometres per day during 2015-16. The combined physical performance of 47 reporting SRTUs during 2014-15 and 2015-16 are summarized in Table 1:1 below:

Table 1.1 Combined physical performance of 47 SRTUs - 2014-15 & 2015-16

(Rs. in core)

Sl. No.	Item	2014-15	2015-16
1.	Fleet held (No.)	1,41,431	1,42,855
2.	Fleet in operation (No.)	1,28,401	1,29,179
3.	Fleet utilisation (in percentage)	90.79	90.43
4.	Passenger/km offered (in crore)	76,045.60	77,590.16
5.	Passenger/km performed (in crore)	53,793.04	54,041.76
6.	Occupancy ratio	70.74	69.65
7.	Staff strength (No.)	74,1835	73,8325
8.	Staff/Bus ratio	5.25	5.17
9.	Staff productivity (bus-km/staff/day)	58.83	59.13
10.	Vehicle productivity (bus-km/bus/day)	308.60	305.59

1.7 The combined net loss of the SRTUs in 2015-16 is Rs.11,349.78 crore which is 7 per cent higher than the net loss of Rs.10,587.98 for 2014-15. The combined financial performance of 47 reporting SRTUs during 2014-15 and 2015-16 are summarized in Table 1:2 below:

Table 1.2 Combined financial performance of 47 SRTUs - 2014-15 & 2015-16

(Rs. in core)

Sl. No.	Item	2014-15	2015-16
1.	Total Revenue	50,934.02	51,748.34
	of which total traffic earnings	*42,684.19*	*43,881.10*
2.	Total cost	6,2845.91	64,377.09
	of which staff cost	*25,865.22*	*29,097.35*
3	Net profit/loss (-) #	-10,587.98	-11,349.78

Net loss is not equal to total revenue minus total cost due to prior period adjustments in respect of Maharashtra SRTC and DTC. Please refer **Annexure III** (Page 40) for details.

1.8 At disaggregated level, there are wide diversities among the SRTUs in terms of scale of operation as well as in financial performance. The three SRTUs, namely, Maharashtra STRC, Andhra Pradesh STRC and Telangana STRC have accounted for over 30 per cent of fleet in operation, passenger carried and total revenue of the 47 SRTUs, whereas the 3 State Road Transports of Tripura, Mizoram and Meghalaya have practically negligible share in fleet size and passenger carried. The financial performances have also been widely varied; 40 out of 47 SRTUs have incurred losses while 7 SRTUs, namely, Bangalore Metropolitan, Himachal RTC, Kadamba TC Ltd., Karnataka SRTC, Odisha SRTC, PUNBUS and UP SRTC have reported net profit in 2015-16.

1.9 The revenue and cost structure of SRTU and their net profits/losses are determined by underlying operational efficiency parameters within which each SRTU functions. The physical (and operational) efficiency parameters of SRTUs such as fleet vintage, fleet utilisation, occupancy ratio, staff productivity, etc., have been detailed in Section 4 and in individual tables and columns of Annexure-I of the Report. The write-up provides a comparative analysis of the available data on major efficiency parameters. Any remedial action would necessarily be SRTU-wise on each of the cost and revenue parameters addressing underlying efficiency parameters.

1.10 Several STRCs have adopted Information Technology for efficient management of fleet and routes through GPS tracking, online reservation and ticketing etc. to minimize leakages, enhance revenue and improve service quality.

1.11 The Ministry of Road Transport has been supporting the projects through its scheme for strengthening of public transport system by providing financial assistance to the States. The scheme envisages assistance for introduction of information technology such as Global

Positioning System (GPS)/Global System for Mobile Communication (GSM) based vehicle tracking system, electronic ticket vending machines etc. Under the scheme projects have been sanctioned to several States for bringing latest IT related features in their road transport services covering rural/mofussil areas.

1.12 A dynamic fare revision policy should be in-built for at least the metropolitan SRTUs, to recover some of the costs on increasing fuel prices, staff salary revision etc. The State Governments can take a call on the frequency of such revisions, and its appropriate indexing.

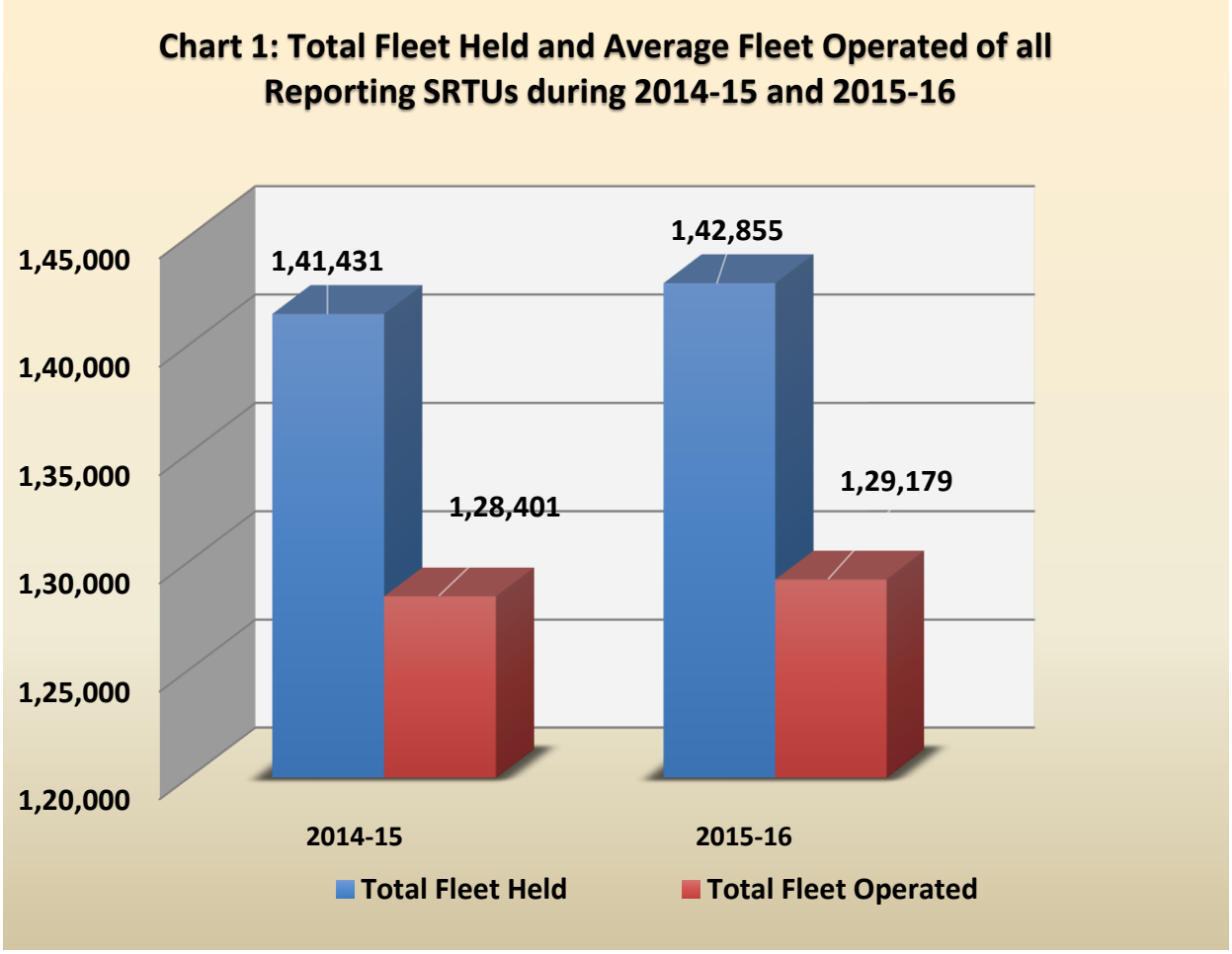
1.13 The fare concession being offered by some of the SRTUs is for a long list of beneficiaries such as students; freedom fighters; war veterans/ex-serviceman; war widows [with their assistant], various categories of persons suffering from different diseases, physically and mentally challenged etc. These fare concessions are loaded on to the coffers of SRTUs adding to their losses. These should be reimbursed by the State Governments and reflected in the SRTU accounts. The subsidies given by State Government to SRTUs should also be quantified for transparency and accountability.

1.14 To off-set some of the costs, premier express bus service on high-demand routes can be operated by the SRTU within a State or also between two contiguous States. Examples of such services can be, between Jaipur-Udaipur-Jodhpur; Ahmedabad-Baroda; Pune-Nasik; Bangalore-Chennai; Hyderabad-Vijaywada. The higher fare charged on these routes will cross-subsidise the rural uneconomical low-end routes.

2. Physical Performance

2.1 Fleet Strength and Fleet Utilisation

2.1.1 The reporting forty seven SRTUs held a total of 1, 42,855 buses during the period April-March 2015-16. Thirty one SRTU's recorded an increase in their fleet strength as compared to the previous period 2014-15, the largest fleet size being that of Maharashtra SRTC. As evident from Chart 1, the number of buses held by the reporting SRTUs and the number of buses operated by them increased by 1.01% and 0.61%, respectively, during 2015-16, as compared to 2014-15. The fleet utilisation decreased from 90.79% in 2014-15 to 90.43% in 2015-16.



2.1.2 The largest fleet size during the period April-March 2015-16 was that of Maharashtra SRTC (18,514), followed by Andhra Pradesh SRTC (12,012) and Telangana SRTC (10,391). However, Andhra Pradesh SRTC has recorded a decline of 67 buses during 2015-16 as compared to 2014-15. These three SRTUs accounted for a share of 13.0%, 8.4% and 7.3%

respectively of the total fleet strength of 47 SRTUs reported for the period ending April-March 2015-16. These SRTU's were followed by Uttar Pradesh SRTC (9,577), Karnataka SRTC (8,172) and Gujarat SRTC (7,852) accounting for a share of 6.7%, 5.7% and 5.5% respectively in the total fleet strength of 47 SRTUs reported for the period ending April-March 2015-16. The top five SRTUs accounted for 41.1% of the fleet size.

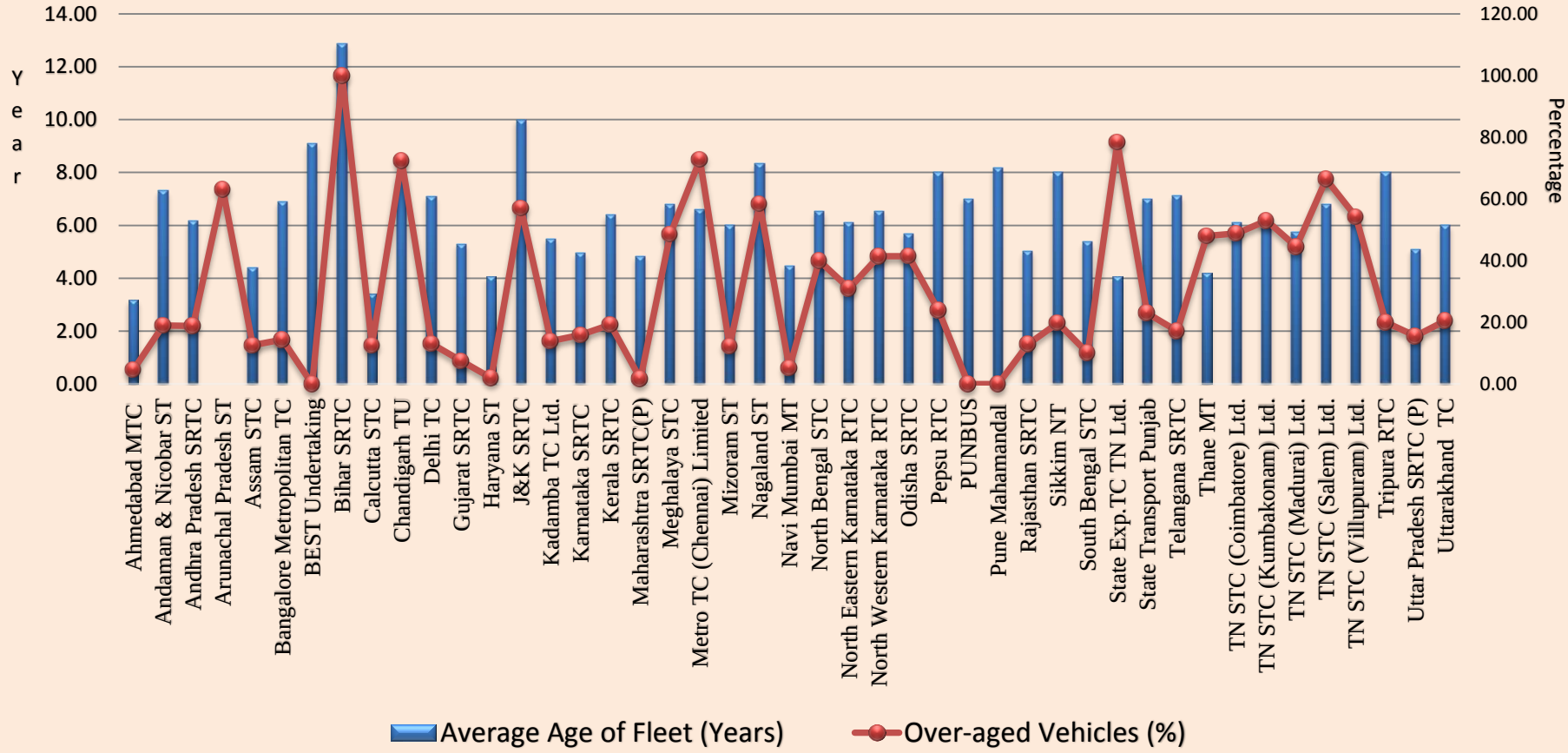
2.1.3 The smallest five SRTUs in terms of fleet strength were Arunachal Pradesh ST (164), Sikkim NT (126), Meghalaya STC (59), Mizoram ST (49) and Tripura RTC (48) and contributing to a share of only 0.3% to the total fleet strength of the 47 reporting SRTUs. Of the 47 reporting SRTUs, 31 SRTUs registered an increase in their fleet strength during 2015-16 as compared to the previous year, 13 SRTUs reported a decline and 3 SRTUs reported the same fleet strength. In absolute terms, Maharashtra SRTC recorded the highest increase of 557 buses in its fleet strength during 2015-16. In relative terms, the highest increase of 48.5% was recorded by Mizoram ST.

2.2 Age Profile of the Fleet

2.2.1 The average age of the fleet is one of the important determinants of its physical productivity. The average age of the fleet of the reporting SRTUs ranged from 3.17 years to 12.85 years (Chart 2). As on 31st March 2016, Bihar SRTC had the oldest fleet, with an average age of 12.85 years, followed by J&K SRTC (10.0 years), BEST Undertaking (9.1 years) and Nagaland ST (8.3 years). The lowest average age of fleet was that of Ahmedabad MTC and Calcutta SRTC at 3.2 years and 3.4 years respectively. State Exp.TC TN Ltd., Haryana ST and Thane MT also had relatively low average ages of 4.1 years, 4.1 years and 4.2 years respectively followed by Assam STC, Navi Mumbai MT and Maharashtra SRTC at 4.4 years, 4.5 years and 4.8 years respectively. Vehicles which have completed the prescribed life in terms of years and or kilometres performed as per norms set by an SRTU are categorised as over-aged vehicles.

2.2.2 In terms of over-aged vehicles, i.e., , Bihar SRTC accounted for the highest proportion of over-aged buses (100%) during the period April-March, 2015-16 followed by State Exp.TC TN Ltd. (78%), Metro TC (Chennai) Ltd (72.7%) and Chandigarh Transport Undertaking (72.4%) (see Chart 2). BEST Undertaking, Pune Mahamandal and PUNBUS did not have any over-aged buses in their fleet.

Chart 2: Average Age of Fleet held and Proportion of Over-aged Vehicles (%) - 2015-16



2.3 Staff Strength, Staff Productivity and Staff-Bus Ratio

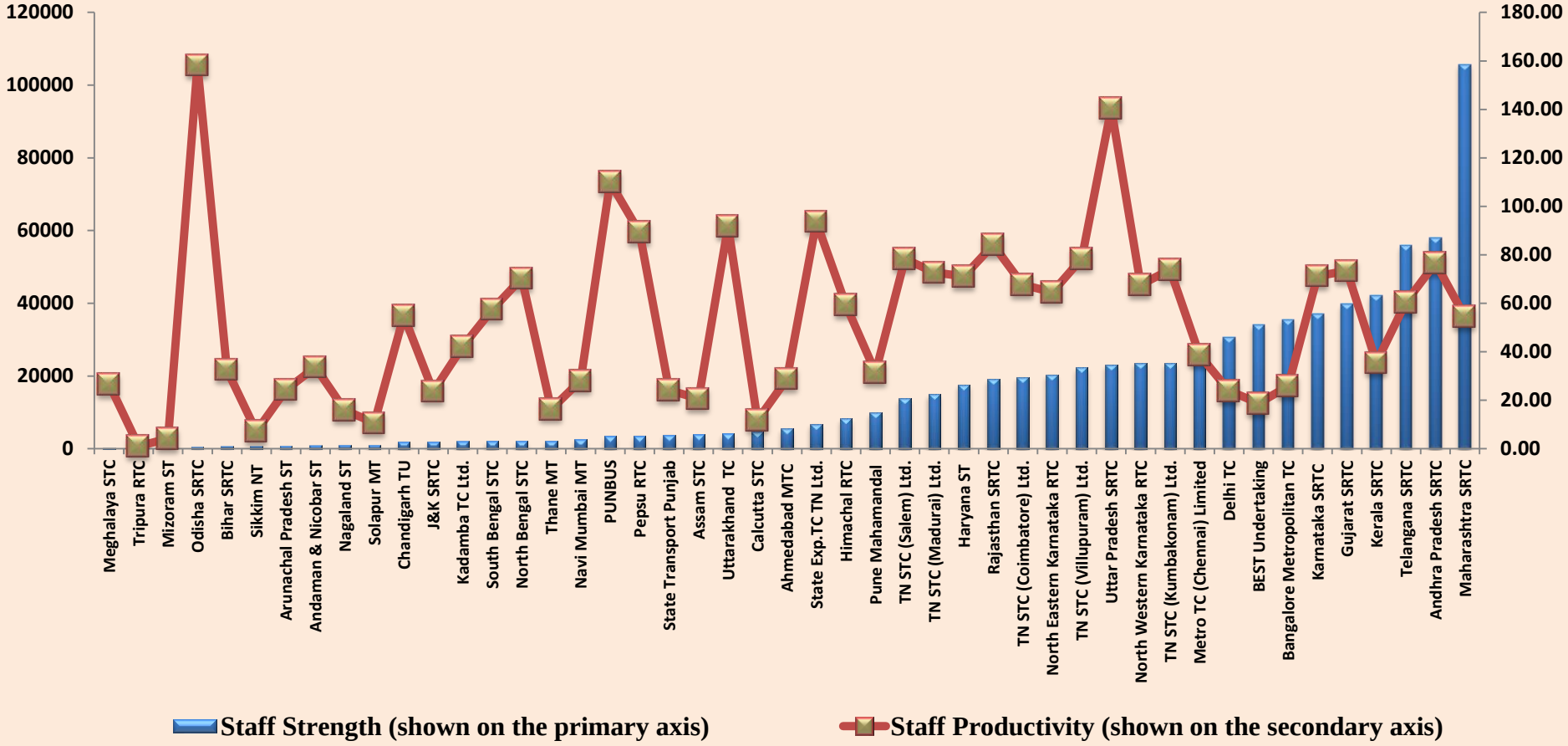
2.3.1 The total staff strength of the reporting SRTUs decreased by 0.47% during 2015-16 which stood at 7,38,325 as compared to the staff strength of 7,41,835 during the same period last year. Out of the 47 reporting SRTUs, 15 SRTUs recorded a rise in their staff strength during 2015-16. Three SRTUs, viz., Andaman & Nicobar ST, Arunachal Pradesh ST and Nagaland ST, continued to deploy the same number of people both in 2014-15 and in 2015-16. There was a decline in the staff strength of 29 SRTUs. Tamil Nadu STC (Salem) Limited recorded the highest increase of 6,316 in the number of staff deployed by it while the staff strength of Andhra Pradesh SRTC recorded the highest decline of 3,904 during 2015-16 as compared to 2014-15.

2.3.2 Maharashtra SRTC had the largest staff strength of 1,05,679 followed by Andhra Pradesh SRTC (57,902), Telangana SRTC (55,993), Kerala SRTC (42,240) and Gujarat SRTC (39,707) during 2015-16 (Chart 3). During the same period 2015-16 the three SRTUs with the lowest staff strength were Mizoram ST (396), Tripura RTC (353) and Meghalaya STC (270).

2.3.3 The staff productivity, defined as the average revenue earning kilometres performed per worker per day, increased from 58.8 kms/staff/day during 2014-15 to 59.1 kms/staff/day during 2015-16. Out of the 47 reported SRTUs, 15 SRTUs showed a decline in staff productivity and 31 SRTUs showed an increase with Odisha SRTC (158.24 kms/staff/day) reporting the highest level of staff productivity followed by Uttar Pradesh SRTC (140.43 kms/staff/day) and PUNBUS (109.97 kms/staff/day). Sikkim Nationalised Transport (SNT) (7.17 kms/staff/day) and Mizoram ST (4.19 kms/staff/day) reported a low level of staff productivity followed by Tripura RTC. Delhi TC (23.93 kms/staff/day) reported the same level of staff productivity during the year 2015-16 as in 2014-15.

2.3.4 31 SRTUs had shown an increase in bus fleet size during 2015-16 as compared to the previous year 2014-15. However, this increase was not accompanied by a rise in the staff strength. Only 9 out of these 31 SRTUs reported an increase in staff strength during 2015-16. Accordingly, the staff-bus ratio fell from 5.25 during 2014-15 to 5.17 during 2015-16. BEST Undertaking reported the highest staff-bus ratio of 8.35, whereas Odisha SRTC had the lowest staff-bus ratio of 1.24 as on 31st March 2016.

Chart 3: Staff Strength and Staff Productivity of Reporting SRTUs during 2015-16



2.4 Revenue Effective Kilometres (Revenue Earning Kilometres) and Vehicle Productivity

2.4.1 Revenue earning kilometres during 2015-16 increased marginally by 0.3% ie. 1,59,776 lakh kilometres as compared to 1,59,304 lakh kilometres during 2014-15. Maharashtra SRTC recorded the highest revenue earning kilometres of 21,066.38 lakh during 2015-16 followed by Andhra Pradesh SRTC (16,237.56). In terms of increase and decline in effective kilometres Tamil Nadu STC (Villupuram) Ltd. registered the highest increase (400.05 lakh) and Bangalore Metropolitan TC registered the highest decline (1347.76 lakh) during 2015-16.

2.4.2 The average vehicle productivity, which is denoted by the number of kilometres performed by a bus per day, registered a decline from 305.59 kms/bus/day during 2015-16 to 308.6 kms/bus/day during the corresponding period 2014-15. During 2015-16, the highest and lowest vehicle productivity were registered by State Exp. TC TN Ltd. and Tripura RTC at 545.75 and 7.68 respectively.

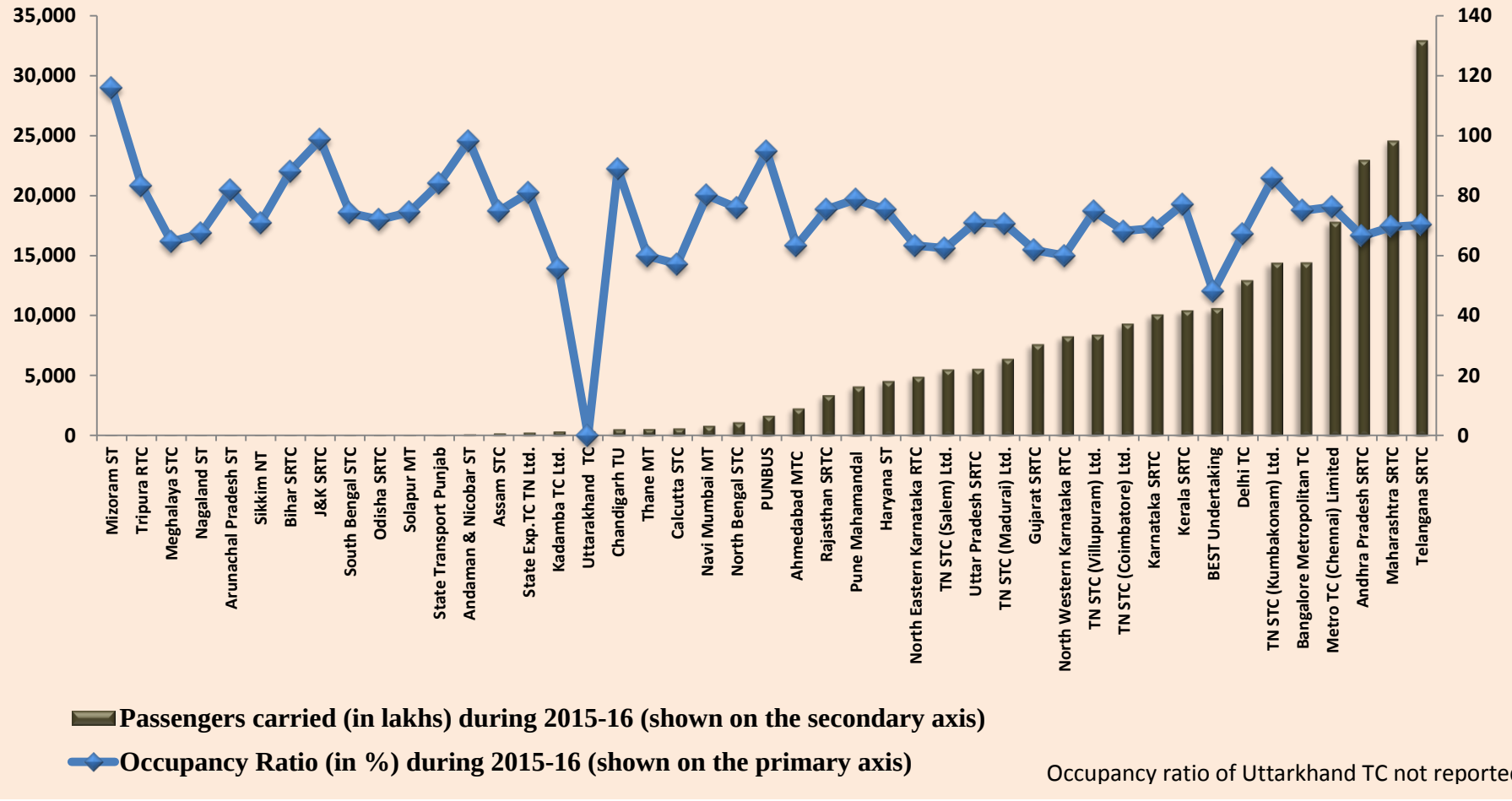
2.5 Fuel Efficiency

2.5.1 Fuel efficiency is defined as the average kilometres performed per litre of fuel. TN STC (Kumbakonam) had the highest fuel efficiency of 5.62 Km/litre of HSD. The lowest fuel efficiency was that of Arunachal Pradesh ST (2.56 Km/l of HSD) followed by Calcutta STC (2.6 Km/litre of HSD) and Thane MT (2.75 Km/l of HSD). Delhi TC fully operate with CNG with efficiency of 2.26 km/kg.

2.6 Passengers Carried and Occupancy Ratio

2.6.1 The total number of passengers carried by the reporting SRTUs during 2015-16 was 2,48,697.9 lakh passengers which was 3.42% lower than the number of passengers carried during 2014-15 (Chart 4). Telangana SRTC carried the highest number of passengers (32,935.94 lakh), while Mizoram ST carried the lowest number of persons (0.43 lakh) during 2015-16. The passenger kilometres offered and passenger kilometres performed increased by 2.03% and 0.46% respectively during 2015-16. The average occupancy ratio decreased from 70.7% during 2014-15 to 69.7% during 2015-16. The highest occupancy ratio of 115.8% was registered by Mizoram ST. The lowest was that of BEST Undertaking at 47.98%. Metro TC (Chennai) Limited carried the highest number of passengers per bus per day during 2015-16 (1,270) followed by TN STC (Kumbakonam) Ltd (1031), while Mizoram ST carried the lowest number of passengers per bus per day (2) followed by Tripura RTC i.e. 11 passengers per bus per day.

Chart 4: Passengers Carried and Occupancy Ratio of Reporting SRTUs during 2015-16



Occupancy ratio of Uttarkhand TC not reported

3. Financial Performance

3.1 Total Revenue

3.1.1 The total revenue which includes traffic earnings, non-traffic revenue and subsidies/reimbursement of the reporting SRTUs increased by 1.6% i.e. Rs. 51,74,834.32 lakh during 2015-16 as compared to Rs. 50,93,402.18 lakh during 2014-15. Traffic revenue which constitutes about 85 per cent of the total revenue has increased by 2.8 per cent in 2015-16 over the previous year, 2014-15. However, the decline in both non-traffic revenue and subsidies/reimbursements in the period have brought down the revenue growth rate to only 1.6 per cent (see Table 3.1).

Table 3.1: Combined total revenue of SRTUs

(*Rs. in lakh*)

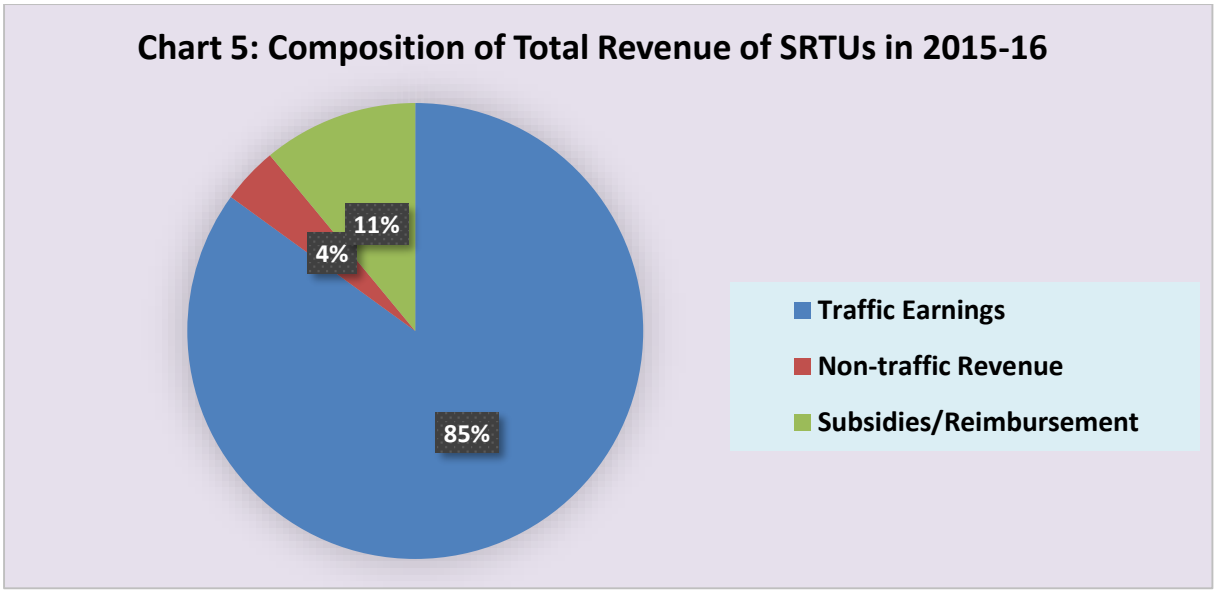
Sl. No.	Item	2014-15	2015-16	Increase over previous year (%)
1	Traffic revenue	4268419.47	4388110.03	2.80
2	Non-traffic revenue @	205408.41	204955.15	-0.22
3	Subsidies & reimbursements from Govt.	619574.30	581769.14	-6.10
	Total revenue	**5093402.18**	**5174834.32**	1.60

@ Includes income from advertisements, sale proceeds of scrap, penalties & fines and other misc. receipts.

3.1.2 Among the 47 reporting SRTUs, Maharashtra SRTC (Rs. 7,25,995.85 lakh), Andhra Pradesh SRTC (Rs.5,01,619.58 lakh), and Telangana SRTC (Rs.4,09,563.87 lakh) were the top three SRTUs in terms of total revenue, contributing 31.6 per cent of the combined total revenue.

3.1.3 The highest increase in revenue of Rs. 1,00,818.6 lakh during 2015-16 was recorded by Andhra Pradesh SRTC when compared to previous year. With revenue of Rs.1,446.46 per kilometre, Tripura RTC recorded the highest revenue per unit measure of distance. State Exp. TC TN Ltd. registered the highest revenue per bus per day (i.e., Rs. 14,818) during the period 2015-16 followed by PEPSU RTC at Rs. 11,981.

3.1.4 It can be observed from Chart 5 that the share of traffic earnings, non-traffic revenue and subsidies/reimbursement in the total revenue are 85%, 4% and 11% respectively.



3.1.5 Traffic earnings, i.e., traffic revenue consisting receipts from passenger fares amounts to Rs. 43,88,110 while Non-traffic revenue which consist of income from advertisements, sale proceeds from scraps, receipt from imposition of penalties/fines and other receipts amount to Rs. 2,04,955 and subsidies/reimbursement consisting of Subsidies as reimbursement of fare concessions provided to passenger by SRTU and any other form of subsidies (not as capital receipts) received from state government, treated as income amounts to Rs. 5,81,769 during 2015-16.

3.1.6 Out of the reporting 47 SRTUs, 22 SRTUs received Subsidies as reimbursement of fare concessions provided to passenger by SRTU which contribute to 7.7% of the total revenue while 16 SRTUs received other forms of subsidies (not as capital receipts) from state government. This accounted to 2.9% of the total revenue.

3.1.7 Fare concessions are extended by State/UT governments to various categories of the citizens. The burden of these concessions is to be borne by the governments through the department concerned. But the subsidy amounts are not always quantified and often reimbursements are delayed thereby compromising transparency and accountability. In this regard, the 14th Finance Commission has recommended that all forms of subsidy and the basis for determining the extent of subsidies and reimbursements by State governments should be made explicit in the accounting system of SRTUs.

3.2 Total Cost

3.2.1 Concurrent with the rise in total revenue, total cost (which includes operating as well as non-operating cost) too increased during 2015-16. The increase in total cost of the reporting SRTUs as compared to previous years during the same period was 2.44%, taking the total cost up to Rs. 64,37,709.19 lakh as on 31st March 2016. Components combined cost of SRTUs during 2014-15 and 2015-16 is given below:

Table 3.2: Combined total cost of SRTUs

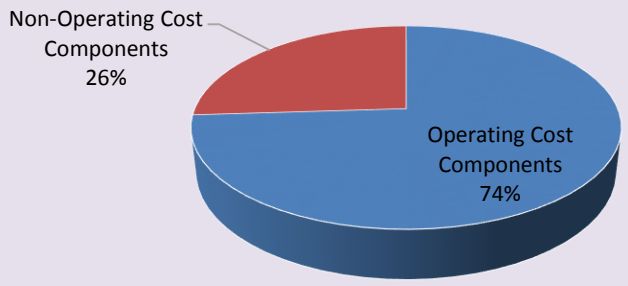
(Rs. in lakh)

Sl. No.	Item	2014-15	2015-16	Increase over previous year (%)
A.	**Operating cost**			
1	Staff costs	2586522.29	2909735.10	12.50
2	Fuel & lubricant costs	1870644.98	1621511.95	-13.32
3	Cost of tyres, tubes & spares	230342.15	230871.70	0.23
	Total A	**4687509.42**	**4762118.75**	**1.59**
B.	**Non-operating cost**			
1	Interest	452877.42	500315.37	10.47
2	Depreciation	258796.89	238508.09	-7.84
3	Payments to hired buses	159887.53	185582.84	16.07
4	Taxes	388941.80	391617.29	0.69
5	Other cost	336578.57	359566.85	6.83
	Total B	**1597082.21**	**1675590.44**	**4.92**
	Total cost (A+B)	**6284591.63**	**6437709.19**	**2.44**

3.2.2 The cost of as many as 28 SRTUs increased during 2015-16. The highest increase in total cost of Rs. 1,11,665 lakh was recorded by Andhra Pradesh TC. The operating cost in 2015-16 has recorded a 1.59 per cent increase over 2014-15 while non-operating cost increased by 4.92 per cent.

3.2.3 For all reporting SRTUs taken together, operating cost and non-operating cost accounted for 74% and 26% respectively of the total cost during 2015-16 (Chart 6).

Chart 6: Share of Operating and Non-Operating Cost Components in 2015-16

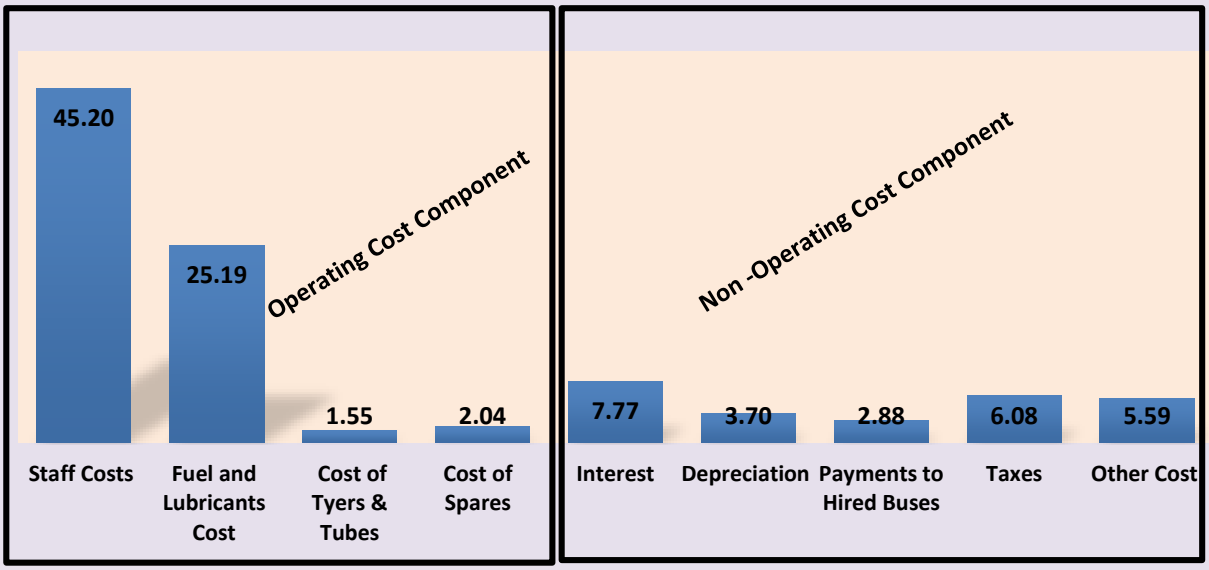


3.2.4 Among the reporting SRTUs, Maharashtra SRTC with a cost of Rs. 7,49,696 lakh incurred the highest total cost, followed by Delhi TC (Rs.5,70,091.14 lakh) and Andhra Pradesh SRTC (Rs.5,56,522.44 lakh). The major components cost in respect of Maharashtra STRC was staff cost of Rs.3,16,853 lakh (42%) and fuel and lubricant cost of Rs. 2,31,014.32 lakh (31%); in case of DTC, staff cost of Rs. 147469.45 lakh (26%) and interest cost of Rs. 327713.51 lakh (57%); and in case of Andhra Pradesh, staff cost of Rs. 258586.64 lakh (46%) and fuel and lubricant cost of Rs. 134784.83 lakh (24%). Meghalaya STC (Rs. 1,581.73 lakh) recorded the lowest total cost during 2015-16 followed by Tripura ST (Rs. 1,992.18 lakh), Mizoram ST (Rs. 2,162.08 lakh), Solapur MT (Rs. 4,150.02 lakh).

3.2.5 It has been observed that staff costs, and fuel and lubricant costs amounted to Rs. 45,31,247.05 lakh which accounted for almost 70.4% of the total cost. For some individual SRTUs, the share of staff cost and the cost of fuel and lubricants was much larger. For example, for Mizoram ST and Tripura RTC staff cost accounted for 91.47% and 85.65% of the total cost respectively. Fuel and lubricant cost of Odisha SRTC and PUNBUS accounted for 45.20% and 37.33% of the total cost respectively. During April 2015-March 2016, Tripura RTC recorded the highest staff cost per revenue earning kilometre of (Rs. 1263.98/-) followed by Mizoram ST (Rs. 325.28/-). During both 2014-15 and 2015-16, operating cost comprised around three-fourths of the total cost i.e. 74% in 2015-16 and 75% in 2014-15. Within the category of operating cost, staff costs comprised the largest share during 2015-16.

3.2.6 Amongst the non-operating components of total cost, both interest and taxes accounted for the largest share in 2015-16. Both interest and taxes taken together formed about 14% of the total cost incurred by SRTU buses. For some individual SRTUs like Bihar SRTC, Delhi TC, South Bengal STC, Andaman & Nicobar ST and State Express TC TN Ltd. the interest component formed a higher share of their total cost, i.e. 76.58%, 57.48%, 13.23%, 10.24% and 9.71%, respectively. Interest cost per revenue earning kilometre of Delhi TC was the highest at Rs.122.58/-. Other cost, depreciation and payment to hired buses formed 5.59%, 3.7% and 2.88% respectively, of the total cost of all SRTUs taken together (Chart 7).

Chart 7: Share of Cost Components of Reporting SRTUs during 2015-16 (in %)



3.3 Profit/Loss

3.3.1 Since the rate of increase of total cost of the reporting SRTUs during 2015-16 outstripped that of total revenue, net loss increased by 7.19% during the year. As on 31st March 2016, the net loss of the reporting SRTUs stood at Rs. 11,34,978.32 lakh as against net loss of Rs. 10,58,797.88 lakh in 2014-15.

3.3.2 While during 2014-15, there were only three net-profit making SRTU, viz. Odisha SRTC, Uttar Pradesh SRTC and Punjab State Bus Stand Management Co. Ltd with a profit of Rs. 1140.24 lakh Ltd, during 2015-16 there are seven net-profit making SRTUs, viz. Karnataka SRTC (Rs. 5095.14 lakh), Bangalore Metropolitan TC (Rs. 1372.66 lakh), Uttar Pradesh SRTC (Rs. 927.28 lakh), Punjab State Bus Stand Management Co. (Rs. 574.03 lakh), Kadamba TC Ltd. (Rs. 519.54 lakh), Odisha SRTC (Rs. 500.07 lakh) and Himachal RTC (Rs. 172.58 lakh) (Chart 8). Amongst the net loss making SRTUs, Delhi TC's loss was the largest at Rs.3,41,109.5 lakh, followed by BEST Undertaking (Rs. 1,06,192.35lakh) and Kerala SRTC (Rs. 73876.8 lakh). During 2015-16, it is pertinent to note that Himachal RTC recorded a profit of Rs. 172.58 lakh showing a decline of decline of Rs.17,433.45 lakh in its net loss as compared to 2014-15. Delhi TC recorded the highest increase of Rs. 49,333.8 lakh in its net loss during 2015-16 as compared to 2014-15 followed by Telangana SRTU (Rs. 30039.93 lakh), BEST Undertaking (Rs. 20390.59 lakh), Gujarat SRTC (Rs. 11441.88 lakh) and Andhra Pradesh SRTC (Rs. 10846.49 lakh).

3.3.2 The profit/loss scenario before and after paying taxes during 2015-16 emerged to be different. While there were seven profit-making SRTUs after paying tax, there were 13 SRTUs which made profit before paying taxes. These 13 SRTUs were Maharashtra SRTC (Rs. 79576.77 lakh), Uttar Pradesh SRTC (Rs. 37473.57 lakh), Karnataka SRTC (Rs. 20512.02 lakh), Bangalore Metropolitan TC (Rs. 12063.59 lakh), PUNBUS (Rs. 7835.71 lakh), Himachal RTC (Rs. 6362.14 lakh), North Eastern Karnataka RTC (Rs. 4713.02 lakh), Pepsu RTC ((Rs. 3563.93 lakh), North Western Karnataka RTC (Rs. 3547.11 lakh), Uttarakhand TC (Rs. 1698.36 lakh), Odisha SRTC (Rs. 1016.86 lakh), Kadamba TC Ltd. (Rs. 752.56 lakh), J&K SRTC (Rs. 552.87 lakh) (Chart-9).

Chart 8: SRTUs reporting net profit (profit after tax) during 2015-16 (Rs. in lakh)

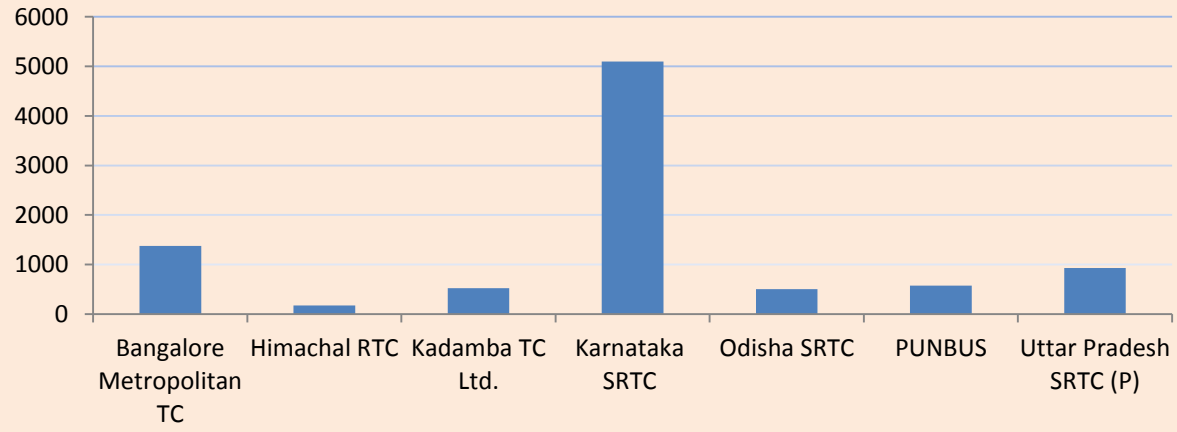
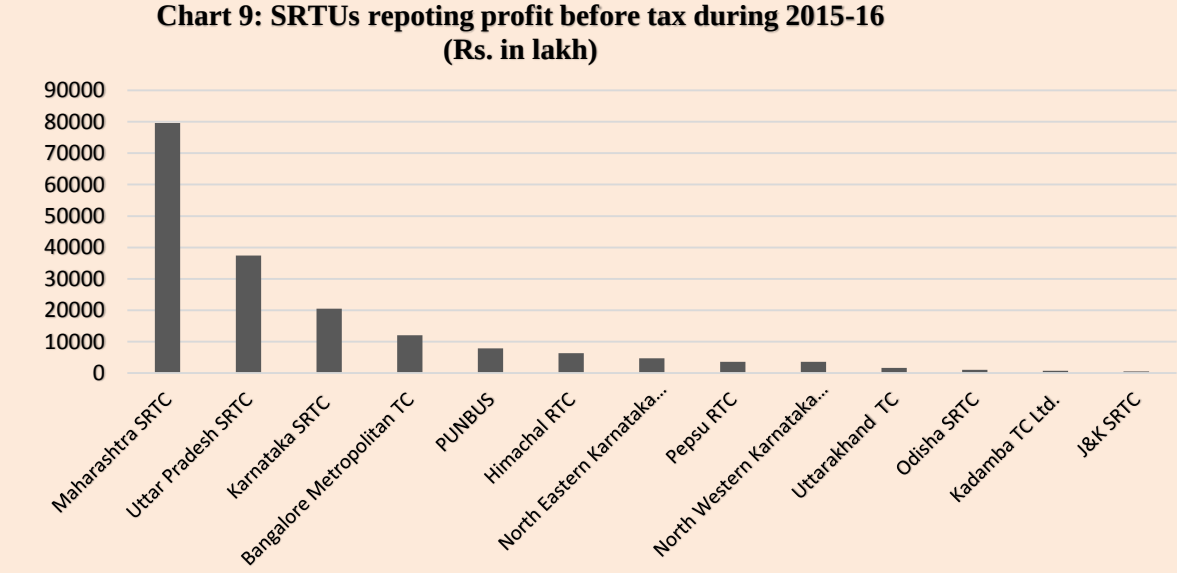


Chart 9: SRTUs repoting profit before tax during 2015-16 (Rs. in lakh)



4. Operational Efficiency Parameters

4.1 Physical/Operational parameters

4.1.1 The revenue and cost structures of SRTUs and their net profits/losses are determined by the underlying operational efficiency within which each Undertaking functions.

4.1.2 The operational efficiency broadly covers (i) physical and (ii) operational parameters (fleet vintage; fleet utilisation; capacity utilisation profile; occupancy ratio; staff productivity and fuel efficiency). The individual table sheets of Annexure I and the columns therein may be referred to. While average fleet held and operated tells about fleet strength of an SRTU, the volume of operations measured in terms of effective/revenue earning km. and percentage of fleet utilisation indicates efficiency. The indicators, namely, number of passenger carried and number of passenger km. performed (Annexure I) tells the occupancy ratio/load factor. Higher the load factor, more profitable is the operation and vice versa. As sizable public investment is required to purchase buses, effective use of vehicle is a prime concern. Hence, vehicle productivity which refers to average km. run by each bus per day in a year is one of the efficiency indicators evaluates the performance of SRTU.

4.1.2 This section provides a comparative analysis of the available data on major efficiency parameters in respect of the 47 reporting SRTUs for a single year, i.e., 2015-16 only and does not go into inter-temporal comparison. The terns and definitions of these parameters are given at **Appendix II**.

4.2 Fleet utilisation

4.2.1 Fleet utilisation expressed as fleet operated, i.e., buses put on road as a percentage of fleet held by an SRTU is an important efficiency parameter reflecting the quality of buses, maintenance and deployment. Fleet utilisation of at least 90 per cent is considered to be an yardstick for operational efficiency (D.K. Kulshrestha, 1989[1]). Out of 47 reporting SRTUs, only 18 of them reported fleet utilisation of 90 per cent or more. PUNBUS and State Transport Punjab have reported 100 per cent fleet utilisation while Tripura RTC and Bihar SRTC reported fleet utilisation of 33 per cent and 42 per cent respectively.

[1] D.K. Kulshrestha (1989): Management of State Road Transport in India, Mittal Publication, New Delhi

4.2.2 It is interesting to observe that 5 of the 7 SRTUs reporting net profit in 2015-16 and 9 out of 13 SRTUs reporting profit before tax have fleet utilisation ratio of over 90 per cent. This underscores the importance of maintaining high level of fleet utilisation for operational efficiency which, ultimately, is reflected in profitability.

4.3 Occupancy ratio

4.3.1 Occupancy ratio is a measure of operational efficiency in terms of capacity utilisation by capturing the average number of passenger transported by a bus for each journey (origin to destination). It defined as total passenger kilometres performed relative to total seats available in the bus. The term is more suitable for intercity bus services where capacity is measured in terms of seats and less suitable for city services where standing spaces constitute significant part of capacity. Load factor is an indicator of capacity utilisation suitable for city services which is total passenger kilometres performed relative to total carrying capacity (seats + standing spaces) in the bus.

4.3.2 One would expect that, other things being the same, higher occupancy ratio would result in higher revenue earning per km and lower cost per km of SRTUs because of better capacity utilisation. The data of 47 reporting SRTUs for 2015-16, however, does not reflect such clear-cut relationships. The 5 SRTUs, viz., Mizoram ST, J&K SRTC, Andaman & Nicobar ST and PUNBUS which reported occupancy ratio of over 90% does not figure among the 5 best performing SRTUs in either revenue per km or in cost per km. Similarly, performance in occupancy ratio has negligible relationship with traffic revenue per km and operating cost per km of SRTUs in 2015-16.

4.4 Age of vehicle

4.4.1 The age of vehicles and share of over-aged vehicles in the fleet held by an SRTU have significant implications on the level of fleet utilisation because the frequency of breakdowns and hence, being out of the road tends to be more in older vehicles. Overage vehicles also have ramifications on maintenance expenditure, fuel consumption and service quality of SRTUs. Higher share of overage vehicles in fleet strength raises maintenance expenditure and fuel consumption and reduces the quality of service delivered to passengers.

4.4.2 Different SRTUs adopted different norms for declaring a vehicle as over-aged. The Association of State Road Transport Undertakings (ASRTU) had recommended the normal

life of a bus as 8 years or 5 lakh kilometres of operation whichever is earlier. The Gujarat State Road Transport Corporation (GSRTC) has fixed 8.37 lakh kilometres of operation for an over-aged bus[2] while Andhra Pradesh SRTC has stipulated 6.5 lakh kilometres.

4.4.3 The median age of fleet of the reporting SRTUs is 6.2 years in 2015-16. But an *inter se* comparison reveals wide variation: from 3.17 years for Ahmedabad MTC to 12.85 years for Bihar SRTC. It is observed that fleet utilisation of over 90 per cent could be maintained with average vehicular age of 7-8 years as seen in the case of Telangana SRTC, Andaman & Nicobar ST and Pepsu RTC. It is also observed that none of the SRTUs reporting average vehicular age of over 8 years have figured among the high fleet utilisation and profit making SRTUs in 2015-16.

4.4.4 Strict adherence to over-aged vehicles norm is important for controlling maintenance expenditure, fuel consumption and for maintaining service quality across routes served by SRTUs. Over-aged vehicles should be scrapped and replaced instead of deploying such vehicles in rural areas, as commonly observed. Each SRTU should adopt policy with an in-built scrapping norm for over-aged vehicles.

4.5 **Staff-bus ratio**

4.5.1 Staff cost is a major component of cost for most SRTUs – constituting 61 per cent of operating cost and 45 per cent of the total cost of the combined 47 SRTUs. Maintaining an optimal staff-bus ratio is an important operational efficiency which is defined as providing quality service to public at the minimum cost of operation and earns nominal profit by the SRTU.

4.5.2 The data furnished for 2015-16 reveals that staff-bus ratio of 5.17 for the combined 47 reporting SRTUs with wide variation between the lowest and highest - from 1.24 for Odisha SRTC to 8.35 for BEST Undertaking. On one extreme end of the array are 5 SRTUs viz., Odisha SRTC, Uttar Pradesh SRTC, PUNBUS, North Bengal STC and Bihar SRTC with staff-bus ratio of less than 3 while on the other extreme are another 5 SRTUs viz., BEST Undertaking, Mizoram ST, Kerala SRTC, State Transport Punjab and Tripura RTC with staff-bus ratio of over 7 staff per bus.

[2] Dr. Shilpa Trivedi (2012): Performance Review of Gujarat State Road Transport Corporation, International Journal of Social Science & Interdisciplinary Research, vol.!, Issue 9, Sept., 2012, ISSN22773630.

4.5.3 An analysis of the data pertaining to staff-bus ratio, staff productivity and staff cost per revenue earning kilometres performed has revealed interesting pattern in respect of best performing SRTUs. It is observed that the best three SRTUs in staff-bus ratio (Odisha SRTC, UP SRTC and PUNBUS) are also the best performing in staff productivity and staff cost per revenue earning kilometres performed. Incidentally, these three SRTUs are also amongst the 7 profit making SRTUs in 2015-16.

4.6 Suggestions for improving operational performance

4.6.1 The foregoing comparative analysis of the performance of SRTUs for 2015-16 in major operational efficiency parameters has confirmed some of the key assumptions for good/poor operational performance. Any remedial action would necessarily be SRTU-wise on each of the cost and revenue parameters addressing underlying efficiency parameters.

4.6.2 The analysis also reveals the extent of extent of disparity among SRTUs in these indicators. For example, in fleet utilisation, the ratio for best performing SRTUs, viz., PUNBUS (100%) and State Transport Punjab (100%) are 3 times that of the worse performing SRTU, viz., Tripura RTC (33.3%) and in staff-bus ratio, Odisha SRTC (1.24) has maintained a staff-bus ratio which is 6.7 times lower than that of BEST Undertaking (8.35). These variations should be regarded as indicative of the scope available to SRTUs on the lower side of the performance parameter for improvement in their operational efficiency parameters.

4.6.2 Fleet modernisation and scrapping of over-aged buses are necessary for maintaining service quality to match quality offered by competing modes of transport and to meet the expectation of passengers. If the public is to be weaned away from private vehicles to public transport, then comparable service qualities in terms of comfort and predictability have to be available with the SRTUs.

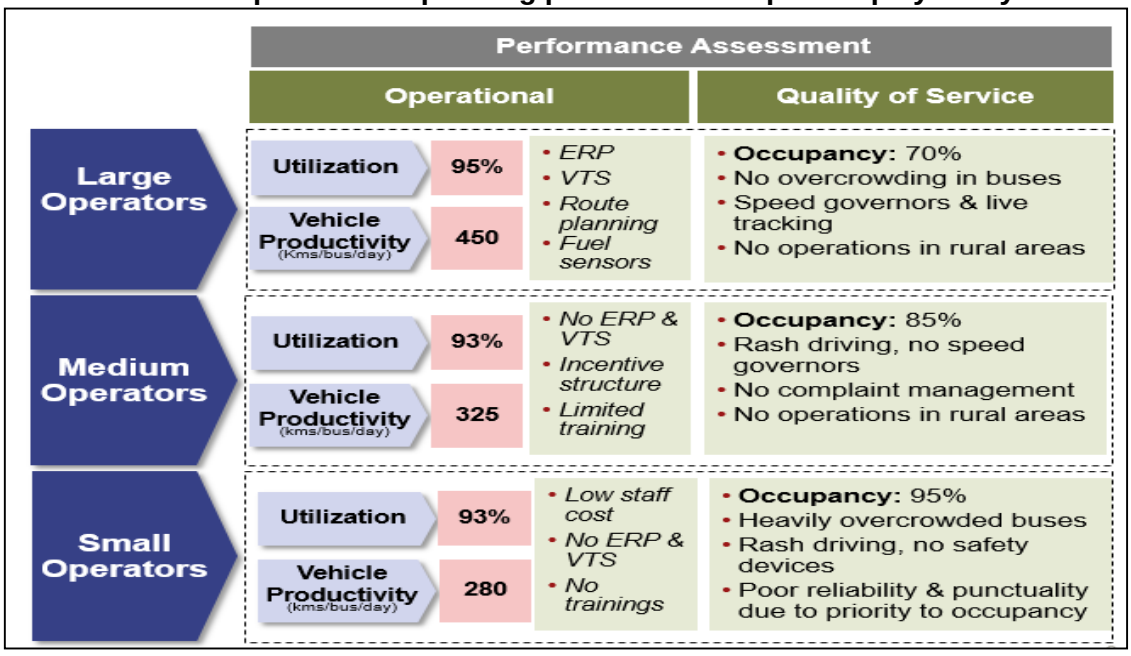
4.6.3 Apart from above, a diagnosis economic feasible routes to correct directional imbalances in demand at different places is needed by SRTUs, so as to maximize load factor and offset low loads on some of the routes.

4.6.4 Differentiation in terms of premium segment (luxury), mid-segment (semi-luxury) and ordinary segment already introduced in several SRTUs should be constantly rationalised with the routes served by different segments to ensure high occupancy rate.

4.6.5 Use of IT services and Intelligent Transport Systems such as Electronic ticketing system; GPS vehicles tracking system; online bus reservation system will help in not only checking pilferage, but also in strengthening financial accountability.

4.6.6 Performance assessment of private operators which constitute 85-90 per cent of intercity buses in the country gives a glimpse of the operational efficiency at which these players are operating.

Chart 10: Comparison of operating performance of private players by size



ERP: Enterprise Resource Planning; VTS: Vehicle tracking System

Source: Bus Operators Confederation of India (BOCI), private player interviews, courtesy AT Kearney Ltd.

5. State/Union Territory-wise Spread of SRTUs

5.1 Spread of SRTUs

5.1.1 There was a vast variation in the spread of SRTUs across States/Union Territories (UTs) during 2015-16. In the total fleet, the share of the State of Maharashtra was the largest (17.93%), followed by Karnataka (16.66%) and Tamil Nadu (14.36%) (Chart 11). It has been observed that there are no SRTU buses in some of the major states of Chhattisgarh, Jharkhand and Madhya Pradesh. Other states having no SRTU services are Manipur and Puducherry.

5.1.2 The average number of persons per bus for the reporting SRTU was 8,476 (Table 5.1). The average number of buses per 10 lakh population for all the States/UTs in which the reporting SRTUs were plying was 118. The State of Bihar had the largest number of persons per SRTU bus (4,66,814) and the UT of Andaman & Nicobar Islands had the lowest number of persons per SRTU bus (1,420). Conversely, the number of buses per ten lakh population was the lowest in Bihar (2) and the highest in Andaman & Nicobar Islands (704).

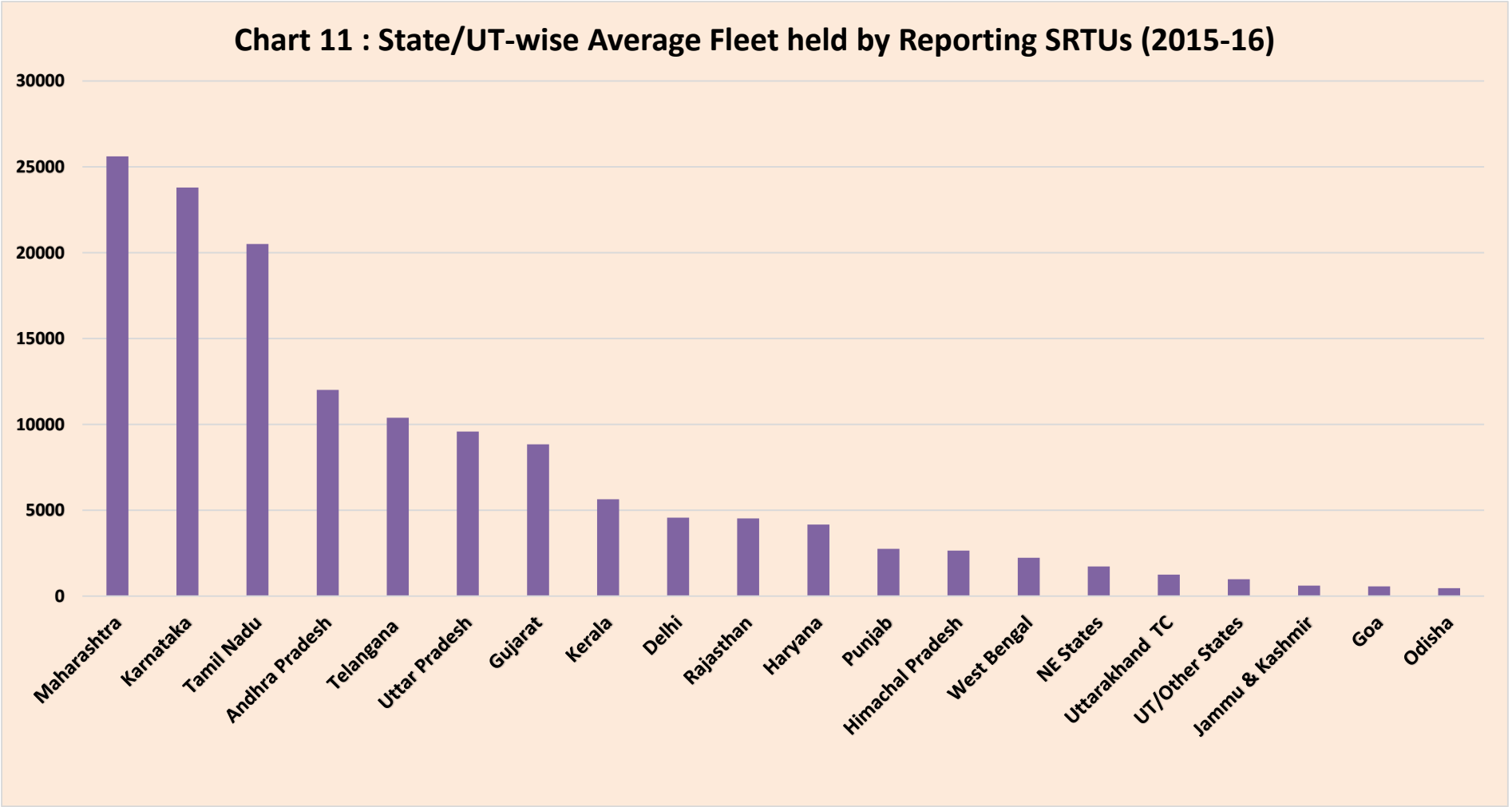

Chart 11 : State/UT-wise Average Fleet held by Reporting SRTUs (2015-16)
30000
25000
20000
15000
10000
5000
0
Maharashtra
Karnataka
Tamil Nadu
Andhra Pradesh
Telangana
Uttar Pradesh
Gujarat
Kerala
Delhi
Rajasthan
Haryana
Punjab
Himachal Pradesh
West Bengal
NE States
Uttarakhand TC
UT/Other States
Jammu & Kashmir
Goa
Odisha

Table 5.1 State/Union Territory-wise Spread of SRTUs

Sl. No.	States/UTs	Population (2011 census)	Number of SRTUs as on 31st March 2016	Average Fleet held by SRTUs during 2015-16	Share of Fleet held as a percentage of total fleet held by all reporting SRTUs	Number of Persons per SRTU bus [Col.3/Col.5]	Number of Buses per 10 lakh population
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
1	Andhra Pradesh	8,45,80,777*	1	12,012	8.41	3,775#	265#
2	Arunachal Pradesh	13,83,727	1	164	0.11	8,437	119
3	Assam	3,12,05,576	1	1,090	0.76	28,629	35
4	Bihar	10,40,99,452	1	223	0.16	4,66,814	2
5	Goa	14,58,545	1	569	0.4	2,563	390
6	Gujarat	6,04,39,692	2	8,845	6.19	6,833	146
7	Haryana	2,53,51,462	1	4,170	2.92	6,079	164
8	Himachal Pradesh	68,64,602	1	2,645	1.85	2,595	385
9	Jammu & Kashmir	1,25,41,302	1	610	0.43	20,560	49
10	Karnataka	6,10,95,297	4	23,803	16.66	2,567	390
11	Kerala	3,34,06,061	1	5,636	3.95	5,927	169
12	Maharashtra	11,23,74,333	6	25,613	17.93	4,387	228
13	Meghalaya	29,66,889	1	59	0.04	50,286	20
14	Mizoram	10,97,206	1	49	0.03	22,392	45
15	Nagaland	19,78,502	1	185	0.13	10,695	94
16	Odisha	4,19,74,218	1	459	0.32	91,447	11
17	Punjab	2,77,43,338	3	2,748	1.92	10,096	99
18	Rajasthan	6,85,48,437	1	4,529	3.17	15,135	66
19	Sikkim	6,10,577	1	126	0.09	4,846	206
20	Tripura	36,73,917	1	48	0.03	76,540	13
21	Tamil Nadu	7,21,47,030	7	20,509	14.36	3,518	284
22	Telangana	NA	1	10,391	7.27	3,775#	265#
23	Uttar Pradesh	19,98,12,341	1	9,577	6.7	20,864	48
24	Uttarakhand	1,00,86,292	1	1,246	0.87	8,095	124
25	West Bengal	9,12,76,115	3	2,223	1.56	41,060	24
26	A & N Islands	3,80,581	1	268	0.19	1,420	704
27	Chandigarh	10,55,450	1	494	0.35	2,137	468
28	Delhi	1,67,87,941	1	4,564	3.19	3,678	272
	INDIA	**1,21,08,54,977**	**47**	**1,42,855**	**100**	**8,476**	**118**

Source: 1. Population: Registrar General of India, Ministry of Home Affairs
2. SRTUs buses: Respective SRTUs

* Include population of Telangana.

Figures are based on the combined population and average fleet held by both Andhra Pradesh STRC and Telangana STRC.

6. Performance of SRTUs in Metropolitan Cities

6.1 Physical Performance

5.1.1 Out of the 47 reporting SRTUs, 8 are metropolitan cities based SRTUs. Amongst the 8 SRTUs plying in metropolitan cities, Bangalore Metropolitan TC had the largest fleet strength of 6,648 and Chandigarh TU had the lowest fleet strength of 494 as on 31st March 2016 (Table 6.1). Although the average age of buses of BEST was the highest (9.1 years), the SRTU did not report any over-aged buses. The highest revenue earning kilometres was that Metro TC (Chennai) Limited (Rs.3,535.2 lakh) and the lowest was that of Calcutta STC (Rs. 207.7 lakh) for the period April-March 2015-16. BEST Undertaking reported the highest staff/bus ratio of 8.4, while Chandigarh TU had the lowest staff/bus ratio of 4.0. The highest staff productivity and vehicle productivity were those of Chandigarh TU (54.9) and Metro TC (Chennai) Limited (252.1), respectively, Calcutta STC recorded the lowest staff productivity and vehicle productivity (11.8 and 72.6, respectively). Also, Metro TC (Chennai) Ltd. recorded the highest fuel efficiency of 4.4 km per litre of HSD, whereas Calcutta STC had the lowest fuel efficiency of 2.6 km per litre of HSD. Delhi TC's fuel efficiency measured in terms of km/kg of CNG was even lower at 2.26. Chandigarh TU had the highest occupancy ratio of 88.9%. Amongst the eight SRTUs, Metro TC (Chennai) Limited had the highest total number of passengers carried (17,815 lakh) and Metro TC (Chennai) Limited had the highest number of passengers carried per bus per day (1,270.2 passengers). Chandigarh TU carried the lowest number of passengers (539.2 lakh) during the year. With an average of 215.2 passengers, Calcutta STC carried the lowest number of passengers per bus per day followed by Chandigarh TU 298.2 passengers per bus per day.

6.2 Financial Performance

5.2.1 Bangalore Metropolitan TC generated the largest total revenue of Rs.2,20,748 lakh during 2015-16 (Table 6.2). Delhi TC incurred the largest total cost of Rs. 5,70,091 lakh, of which about 57% was on account of interest payment. Except for Delhi TC, for the other seven SRTUs staff cost comprised the largest share, ranging between 40% and 70%. All the SRTUs except Bangalore Metropolitan TC incurred losses. The largest loss was that of Delhi TC (Rs.3,41,109.50 lakh).

Table 6.1 Select Physical Parameters of SRTUs plying in Metropolitan Cities during 2015-16

S. No.	Name of State Road Transport Undertaking (SRTU)	Avg. Fleet Held (Number)	Avg Age of Fleet (Years)	Over aged vehicles (%)	Revenue Earning Kilometres (Lakhs)	Staff/Bus Ratio	Staff Productivity (Kms/Staff/Day)	Vehicle Productivity (Kms/Bus/Day)	Fuel Efficiency (Km/litre of HSD or Km/KG of CNG)	Occupancy Ratio (%)	Passenger Carried (Lakhs)	Passengers carried per Bus/Day (Number)
					KMS (Lakhs)							
1	Ahmedabad MTS	993	3.2	4.67	580.3	5.5	28.8	159.7	3.3	63.3	2275.0	626.0
2	BEST Undertaking	4,094	9.1	0.0	2,344.0	8.4	18.7	156.4	2.8	48.0	10,610.8	708.1
3	Bangalore Metropolitan TC	6,448	6.9	14.4	3,360.8	5.5	25.8	142.4	3.8	75.0	14,429.6	611.4
4	Calcutta STC	782	3.4	12.5	207.7	6.1	11.8	72.6	2.6	57.2	616.0	215.2
5	Chandigarh TU	494	7.8	72.4	394.9	4.0	54.9	218.4	3.7	88.9	539.2	298.2
6	Delhi TC	4,564	7.1	13.1	2,673.5	6.7	23.9	160.1	2.26*	67.1	12,944.2	774.9
7	Metro TC (Chennai) Limited	3,832	6.6	72.7	3,535.2	6.5	38.7	252.1	4.4	76.2	17,815.0	1,270.2
8	Pune Mahamandal	2,075	8.2	0.0	1,146.2	4.8	31.5	150.9	3.3	78.8	4,115.0	541.8
	Total (SRTUs plying in metropolitan cities)	**23,282**			**14,243**						**63,345**	
	Share of SRTUs plying in metropolitan cities as a proportion of total reporting SRTUs (%)	**16.3**			**8.9**						**26.0**	

Source: As reported by respective SRTUs
* Fuel Efficiency figures in parenthesis is Kilometre per KG of CNG

Table 6.2 Select Financial Parameters of SRTUs plying in Metropolitan Cities during 2015-16

S. No.	Name of State Road Transport Undertaking (SRTU)	Total Revenue (Rs. Lakh)	Total Cost (Rs. Lakh)	Net Profit/Loss (Rs. Lakh)	Profit before Tax (Rs. Lakh)	Staff Cost as % of Total Cost	Fuel & Lubricant Cost as % of Total Cost	Tyres & Tubes Cost as % of Total Cost	Spares Cost as % of Total Cost	Interest Cost as % of Total Cost	Depreciation Cost as % of Total Cost	Payment to Hired Buses as % of Total Cost	Tax Cost as % of Total Cost	Other Costs as % of Total Cost
1	Ahmedabad MTS	13,040	40,691	-27,650.85	-26,797	45.92	7.39	0.58	1.70	1.77	0.00	22.00	2.10	22.65
2	BEST Undertaking	1,45,378	2,51,570	-1,06,192.35	-99,844	67.14	15.70	0.71	2.96	3.98	1.42	0.00	2.52	5.56
3	Bangalore Metropolitan TC	2,20,748	2,19,376	1,372.66	12,064	49.95	27.69	1.42	3.38	2.41	6.08	0.00	4.87	4.20
4	Calcutta STC	27,375	39,992	-12,616.14	-12,616	45.22	12.26	0.47	0.44	0.00	5.77	0.00	0.00	35.84
5	Chandigarh TU	13,405.27	20,519.43	-7,114.16	-5,983	42.35	23.05	1.04	4.90	0.50	5.65	0.00	5.51	17.00
6	Delhi TC	1,00,499	5,70,091	-3,41,109.50	-3,39,223	25.87	7.16	0.03	0.19	57.48	2.96	0.20	0.33	5.78
7	Metro TC (Chennai) Limited	1,30,481	1,80,448	-49,967.45	-48,608	61.59	21.65	1.57	1.66	4.41	1.57	0.00	0.75	4.86
8	Pune Mahamandal	77,675	92,856	-15,180.54	-14,596	52.65	9.34	0.76	2.11	0.39	3.08	21.28	0.63	9.76
	Total (SRTUs plying in metropolitan cities)	**7,28,601.59**	**14,15,542.77**	**-6,86,941.18**										
	Share of SRTUs plying in metropolitan cities as a proportion of total reporting SRTUs (%)	**11**	**22**	**11**										

Source: As reported by the respective SRTUs

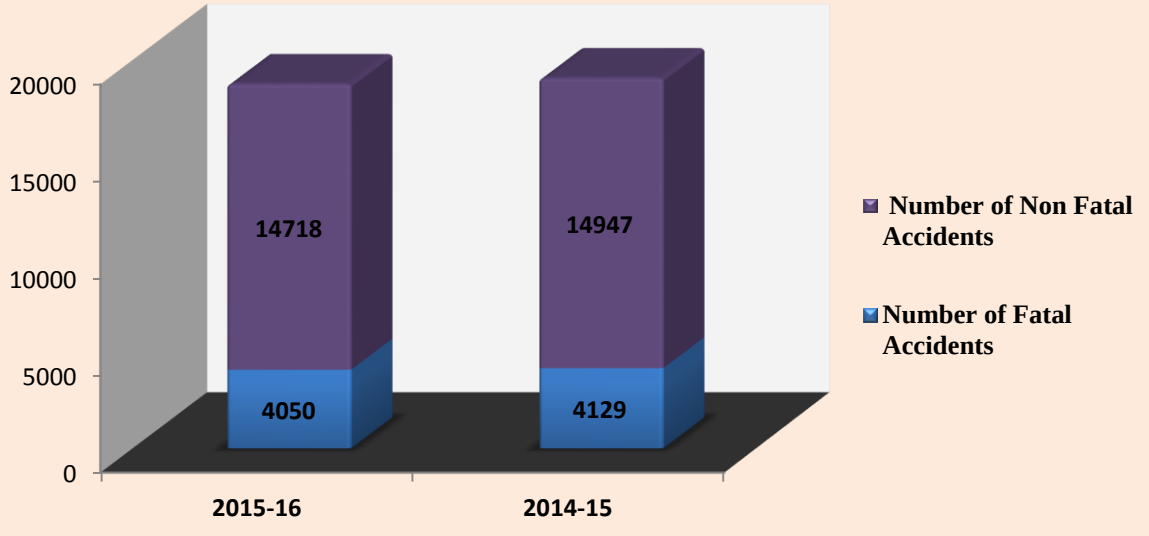
7. Road Accidents Involving SRTU Buses

7.1 Road accidents and accident rate

7.1.1 During 2015-16, SRTUs performed a combined revenue earning kilometre of 1,59,776 lakh km and reported 18,768 cases road accidents out of which 4,050 cases were fatal accidents. This works out to accident rate of 0.12 per lakh km and a fatal accident rate of 0.03 per lakh km.

7.1.2 The number of total accidents involving SRTC buses reduced from 19,076 in 2014-15 to 18,768 in 2015-16. The number of fatal accidents also decreased from 4,129 in 2014-15 to 4,050 in 2015-16. In percentage terms, the total accidents and fatal accidents decreased by 1.6% and 1.9% respectively. The share of fatal accidents in total accidents remains the same during 2014-14 and 2015-16 at 21.6% (Chart 12). The highest number of accidents reported was by Maharashtra SRTC (2,920) out of a total number of accidents (18,768) reported by 47 SRTUs during 2015-16. The highest fatal accidents reported was by Andhra Pradesh SRTC (409) followed by Maharashtra SRTC (369), Telangana SRTC (348) and Uttar Pradesh SRTC (339) out of a total of 4,050 fatal accidents reported by 47 SRTUs during 2015-16. Meghalaya STC, Mizoram ST, Nagaland ST, Sikkim NT and Tripura RTC did not report any accidents during 2014-15. Solapur MT had the highest number of accidents as well as fatal accidents per lakh revenue earning kilometres of 2.06 and 0.12 during 2015-16.

Chart 12: Number of Accidents by Reporting SRTUs during 2014-15 and 2015-16



8. Cross Country Comparison

8.1 Buses per 1,000 Persons

8.1.1 A cross-country comparison of buses (both SRTU and others) indicates that the bus penetration in India was much lower as compared to some developed countries like Australia, UK and USA and other developing countries like Thailand, Russia, South Africa, Brazil and Mexico (Table 8.1).

Table 8.1 Cross-Country Comparison of Buses per 1,000 Persons

Country	Buses per 1,000 persons
Australia	4
Bangladesh	0.9
Brazil	4.5
China	1.8
France	0.1
Germany	1.0
India	1.4
Japan	1.8
Malaysia	NA
Mexico	2.8
Russia	6.1
South Africa	6.5
Thailand	8.6
UK	2.5
USA	2.7

Note: Data pertains to 2014. For China & UK the data pertains to 2013.

Sources: IRF World Road Statistics 2016 – Data 2009-2014, International Road Federation

9. Conclusion

9.1 The SRTUs under the administrative control of State and UTs play a lead role in public transportation in the country. The SRTUs together carried over 6.8 crore passengers per day which is about 3 times the number of passengers carried by the Indian Railways. In 2015-16, the 47 SRTUs reporting data contained in this publication performed approximately 148crore passenger kilometres per day. The bus based SRTUs mode of transport have an important role in reducing congestion and road accidents in Indian cities caused by rising trend of use of personal cars, motor bikes etc.

9.2 The majority of SRTUs are loss making entities. In 2015-16 only 7 SRTUs reported net profit. Of these, the net profit of one SRTU is attributable to subsidies and other receipts in 2015-16 on the revenue side rather than improvement in operational efficiency.

9.3 The losses of SRTUs are increasing on a year –to- year basis. The combined net loss for 2015-16 amounting to Rs. 11,349.78 crore is higher than the previous years by 7.2 per cent. The reason for this is reconciling two divergent objectives - plying on commercial viz-a-viz social considerations (covering far flung rural uneconomic routes).

9.4 The revenue and cost structure of SRTU and their net profits/losses are determined by underlying operational efficiency parameters within which each SRTU functions. The physical (and operational) efficiency parameters of SRTUs such as fleet vintage, fleet utilisation, occupancy ratio, staff productivity, etc., are detailed in one of the Sections of the report. **Any remedial action would necessarily be SRTU-wise on each of the cost and revenue parameters addressing underlying efficiency parameters**.

9.6 Apart from poor operational efficiency parameters the SRTUs are facing exogenous challenges such as stiff competition from private operators, hike in prices of fuel and bus spare parts; staff costs- salaries and pension liabilities, inability to revise fares with rising costs etc.

9.7 A dynamic fare revision policy should be in-built for at least the metropolitan SRTUs, to recover some of the costs on increasing fuel prices, staff salary revision etc. The State Governments can take a call on the frequency of such revisions and its appropriate indexing.

9.8 The fare concession offered by SRTU to various categories of beneficiaries are not reimbursed regularly by State Government adding to SRTU losses. The reimbursement should be done regularly by State Governments.

9.9 Clear accounting procedures and processes would bring in transparency and accountability. Therefore, along with fare concession, the subsidies given by State Governments to SRTUs should also be reflected in the accounts of the Corporations.

9.10 To off-set some of the costs, premier/express bus service charging higher fare on high-demand routes can be operated by the SRTU within a State or also between two contiguous States - examples of these express services can be between Jaipur-Udaipur-Jodhpur; Ahmedabad-Baroda; Bangalore-Chennai; Hyderabad-Vijaywada etc. Route rationalisations should be a continuous exercise. The higher fare charged on these routes will cross subsidise rural long-distance, uneconomical low-end routes.

9.11 Use of IT services and Intelligent Transport Systems such as Electronic ticketing system; GPS vehicles tracking system; online bus reservation system will help in not only checking pilferage, but also in strengthening financial accountability.

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ANNEXURE

Annexure I

Physical Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Average Fleet Held (Number)		Average Fleet Operated (Number)		Fleet Utilisation (%)		Avg Age of Fleet (Years)		Over aged vehicles (%)		Fuel Efficiency (Km per litre of HSD/ Km per Kg of CNG)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad MTC	993	946	804	719	80.97	76.00	3.17	4.98	4.67	9.26	3.26	3.21
2	Andhra Pradesh SRTC	12,012	12,079	11,931	12,023	99.33	99.54	6.16	5.68	18.80	16.25	5.19	5.23
3	Andaman & Nicobar ST	268	266	247	255	92.16	95.86	7.32	8.21	19.00	18.00	3.72	3.77
4	Arunachal Pradesh ST	164	173	140	147	85.37	84.97	...	...	63.00	65.00	2.56	2.48
5	Assam STC	1,090	815	668	570	61.28	69.94	4.40	3.53	12.58	9.73	3.79	3.65
6	BEST Undertaking	4,094	4,247	3,466	3,636	84.66	85.61	9.10	8.36	0.00	0.00	2.84	2.84
7	Bangalore Metropolitan TC	6,448	6,649	5,856	6,014	90.82	90.45	6.90	5.97	14.40	9.40	3.76	3.79
8	Bihar SRTC	223	223	94	86	42.15	38.57	12.85	11.85	100.00	100.00	4.27	4.29
9	Calcutta STC	782	813	401	454	51.28	55.84	3.43	3.61	12.53	8.77	2.60	2.11
10	Chandigarh TU	494	432	421	378	85.22	87.50	7.83	6.35	72.42	52.04	3.71	3.50
11	Delhi TC	4,564	4,977	3,817	4,180	83.63	83.99	7.10	6.70	13.07	19.74	2.26*	2.30*
12	Gujarat SRTC	7,852	7,765	6,587	6,683	83.89	86.07	5.29	4.83	7.47	2.79	5.48	5.48
13	Haryana ST	4,170	4,083	3,747	3,708	89.86	90.82	4.07	3.36	2.00	2.00	4.74	4.75
14	Himachal RTC	2,645	2,447	2,555	2,374	96.60	97.02	...	...	...	...	3.67	3.61
15	J&K SRTC	610	610	266	287	43.61	47.05	10.00	10.41	57.00	53.00	4.34	4.23
16	Kadamba TC Ltd.	569	540	361	361	63.44	66.85	5.49	4.96	13.96	14.21	4.24	4.35
17	Karnataka SRTC	8,172	8,321	7,401	7,572	90.57	91.00	4.94	4.23	15.90	4.20	4.83	4.82
18	Kerala SRTC	5,636	5,691	4,523	4,609	80.25	80.99	6.39	6.97	19.26	25.85	4.15	4.19
19	Maharashtra SRTC(P)	18,514	17,957	16,981	16,702	91.72	93.01	4.83	4.58	1.67	5.43	4.76	4.76
20	Meghalaya STC	59	63	46	42	77.97	66.67	6.78	5.62	48.50	45.00	4.80	4.45
21	Metro TC (Chennai) Limited	3,832	3,787	3,237	3,187	84.47	84.16	6.59	5.98	72.71	56.85	4.36	4.35
22	Mizoram ST	49	33	23	18	46.94	54.55	6.00	6.00	12.24	9.09	3.30	3.20
23	Nagaland ST	185	193	115	125	62.16	64.77	8.33	5.90	58.41	43.52	3.50	3.90
24	Navi Mumbai MT	375	360	257	243	68.53	67.50	4.47	4.97	5.18	4.16	2.92	3.13
25	North Bengal STC	779	661	632	501	81.13	75.79	6.53	6.15	40.00	46.00	4.10	4.09
26	North Eastern Karnataka RT(	4,447	4,320	3,984	3,795	89.58	87.85	6.12	5.68	31.00	27.00	5.15	5.15
27	North Western Karnataka RT	4,736	4,738	4,558	4,507	96.24	95.12	6.55	5.67	41.40	30.80	5.18	5.17
28	Odisha SRTC	459	446	372	339	81.05	76.01	5.69	4.89	41.48	6.00	4.70	4.69
29	Pepsu RTC	1,006	907	957	820	95.13	90.41	8.00	8.00	24.00	22.00	4.74	4.44
30	Pune Mahamandal	2,075	2,087	1,447	1,364	69.73	65.36	8.18	8.05	0.00	0.00	3.26	3.22
31	PUNBUS	1,258	1,242	1,258	1,242	100.00	100.00	7.00	7.00	0.00	0.00	4.63	4.54
32	State Transport Punjab	484	376	484	376	100.00	100.00	7.00	7.00	23.00	45.00	4.52	4.55
33	Rajasthan SRTC	4,529	4,704	4,013	4,324	88.61	91.92	5.03	4.18	12.92	5.85	5.00	5.01
34	Sikkim NT	126	85	104	65	82.54	76.47	8.00	10.00	19.84	23.00	3.30	3.30
35	Solapur MT	202	183	96	70	47.52	38.25	...	...	...	...	...	...
36	South Bengal STC	662	590	465	403	70.24	68.31	5.37	5.10	10.07	7.41	4.16	4.12
37	State Exp.TC TN Ltd.	1,169	1,104	1,053	1,012	90.08	91.67	4.06	4.08	78.30	56.69	5.19	5.16
38	Telangana SRTC	10,391	10,329	10,379	10,314	99.88	99.85	7.12	6.32	17.21	7.89	5.10	5.12
39	Thane MT	353	338	184	174	52.12	51.48	4.20	3.20	48.00	52.00	2.75	2.80
40	TN STC (Coimbatore) Ltd.	3,249	3,184	3,166	3,061	97.45	96.14	6.10	5.88	48.84	49.01	5.16	5.19
41	TN STC (Kumbakonam) Ltd.	3,820	3,783	3,662	3,622	95.86	95.74	6.28	5.77	52.93	52.14	5.62	5.63
42	TN STC (Madurai) Ltd.	2,540	2,516	2,459	2,381	96.81	94.63	5.76	5.52	44.47	45.79	5.38	5.40
43	TN STC (Salem) Ltd.	2,309	2,230	2,061	2,061	89.26	92.42	6.78	6.58	66.39	67.35	5.55	5.53
44	TN STC (Villupuram) Ltd.	3,590	3,528	3,442	3,352	95.88	95.01	6.20	5.65	54.21	52.08	5.59	5.59
45	Tripura RTC	48	48	16	31	33.33	64.58	8.00	7.00	20.00	16.00	5.25	5.10
46	Uttar Pradesh SRTC (P)	9,577	9,415	9,269	9,128	96.78	96.95	5.10	4.38	15.55	32.81	5.23	5.18
47	Uttarakhand TC	1,246	1,147	1,174	1,086	94.22	94.68	6.00	6.00	20.50	48.00	4.63	4.64
	Total (Reporting SRTUs)	1,42,855	1,41,431	1,29,179	1,28,401	90.43	90.79						

…: Not reported; * Km per Kg of CNG

Source: As reported by the respective SRTUs

Annexure I (contd.)

Physical Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Effective Kilometres [Revenue Earning Kilometers] (in Lakh)		Staff Strength (Number)		Staff/Bus Ratio		Staff Productivity (Kms/Staff/Day)		Vehicle Productivity (Kms/Bus/Day)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	15	16	17	18	19	20	21	22	23	24
1	Ahmedabad MTC	580.31	531.80	5,498	5,503	5.54	5.82	28.84	26.48	159.67	154.02
2	Andhra Pradesh SRTC	16,237.56	16,457.73	57,902	61,806	4.82	5.12	76.62	72.95	369.34	373.29
3	Andaman & Nicobar ST	105.80	104.70	858	858	3.20	3.23	33.69	33.43	107.86	107.84
4	Arunachal Pradesh ST	72.00	79.00	808	808	4.93	4.67	24.35	26.79	119.95	125.11
5	Assam STC	300.69	288.80	3,987	3,148	3.66	3.86	20.61	25.13	75.37	97.08
6	BEST Undertaking	2,343.99	2,438.26	34,174	35,705	8.35	8.41	18.74	18.71	156.43	157.29
7	Bangalore Metropolitan TC	3,360.79	4,708.55	35,554	36,474	5.51	5.49	25.83	35.37	142.41	194.02
8	Bihar SRTC	74.48	62.58	625	749	2.80	3.36	32.56	22.89	91.25	76.88
9	Calcutta STC	207.66	282.63	4,799	4,998	6.14	6.15	11.82	15.49	72.55	95.24
10	Chandigarh TU	394.87	335.68	1,967	2,102	3.98	4.87	54.85	43.75	218.40	212.89
11	Delhi TC	2,673.50	2,870.98	30,527	32,864	6.69	6.60	23.93	23.93	160.05	158.04
12	Gujarat SRTC	10,665.37	10,557.66	39,707	39,257	5.06	5.06	73.39	73.68	371.12	372.51
13	Haryana ST	4,589.28	4,669.02	17,646	18,259	4.23	4.47	71.06	70.06	300.70	313.30
14	Himachal RTC	1,816.93	1,745.20	8,355	8,018	3.16	3.28	59.42	59.63	187.69	195.40
15	J&K SRTC	172.01	178.99	1,989	1,720	3.26	2.82	23.63	28.51	77.04	80.39
16	Kadamba TC Ltd.	309.37	307.25	2,003	2,054	3.52	3.80	42.20	40.98	148.55	155.89
17	Karnataka SRTC	9,683.57	9,880.66	37,129	37,326	4.54	4.49	71.26	72.52	323.76	325.33
18	Kerala SRTC	5,489.00	5,537.00	42,240	40,812	7.49	7.17	35.50	37.17	266.10	266.56
19	Maharashtra SRTC(P)	21,066.38	20,848.56	1,05,679	1,07,500	5.71	5.99	54.47	53.13	310.89	318.09
20	Meghalaya STC	26.22	22.58	270	286	4.58	4.54	26.53	21.63	121.42	98.20
21	Metro TC (Chennai) Limited	3,535.23	3,514.68	24,930	25,219	6.51	6.66	38.74	38.18	252.06	254.27
22	Mizoram ST	6.08	10.02	396	418	8.08	12.67	4.19	6.57	33.90	83.19
23	Nagaland ST	60.84	60.10	1,050	1,050	5.68	5.44	15.83	15.68	89.85	85.31
24	Navi Mumbai MT	264.07	245.53	2,569	2,491	6.85	6.92	28.08	27.00	192.40	186.86
25	North Bengal STC	558.96	378.08	2,172	2,370	2.79	3.59	70.31	43.71	196.05	156.71
26	North Eastern Karnataka RTC	4,809.32	4,548.44	20,341	18,412	4.57	4.26	64.60	67.68	295.49	288.49
27	North Western Karnataka RTC	5,838.63	5,733.85	23,586	23,573	4.98	4.98	67.64	66.64	336.84	331.56
28	Odisha SRTC	330.13	313.02	570	606	1.24	1.36	158.24	141.52	196.51	192.28
29	Pepsu RTC	1,178.35	1,026.40	3,604	3,046	3.58	3.36	89.33	92.32	320.03	310.04
30	Pune Mahamandal	1,146.16	1,146.72	9,945	10,186	4.79	4.88	31.49	30.84	150.92	150.54
31	PUNBUS	1,408.74	1,327.34	3,500	2,837	2.78	2.28	109.97	128.18	305.96	292.80
32	State Transport Punjab	339.67	295.73	3,834	4,252	7.92	11.31	24.21	19.06	191.75	215.48
33	Rajasthan SRTC	5,902.37	6,262.23	19,163	20,551	4.23	4.37	84.16	83.48	356.08	364.73
34	Sikkim NT	18.98	16.76	723	774	5.74	9.11	7.17	5.93	41.16	54.02
35	Solapur MT	42.63	29.40	1,091	1,070	5.40	5.85	10.68	7.53	57.66	44.02
36	South Bengal STC	447.51	358.07	2,127	2,148	3.21	3.64	57.48	45.67	184.70	166.27
37	State Exp.TC TN Ltd.	2,335.03	2,226.15	6,811	6,997	5.83	6.34	93.67	87.17	545.75	552.45
38	Telangana SRTC	12,381.39	12,449.42	55,993	56,740	5.39	5.49	60.42	60.11	325.56	330.22
39	Thane MT	130.94	125.77	2,186	2,250	6.19	6.66	16.37	15.31	101.35	101.95
40	TN STC (Coimbatore) Ltd.	4,867.88	4,588.33	19,647	18,964	6.05	5.96	67.70	66.29	409.36	394.81
41	TN STC (Kumbakonam) Ltd.	6,378.58	6,143.74	23,613	23,198	6.18	6.13	73.81	72.56	456.23	444.94
42	TN STC (Madurai) Ltd.	4,009.25	3,829.96	15,061	14,850	5.93	5.90	72.73	70.66	431.27	417.05
43	TN STC (Salem) Ltd.	3,944.63	3,712.74	13,760	7,444	5.96	3.34	78.33	136.65	466.77	456.14
44	TN STC (Villupuram) Ltd.	6,438.04	6,037.99	22,417	22,573	6.24	6.40	78.47	73.28	489.98	468.89
45	Tripura RTC	1.35	1.30	353	396	7.35	8.25	1.04	0.90	7.68	7.42
46	Uttar Pradesh SRTC (P)	11,849.91	11,565.39	23,055	24,913	2.41	2.65	140.43	127.19	338.07	336.55
47	Uttarakhand TC	1,382.00	1,448.90	4,111	4,260	3.30	3.71	91.85	93.18	303.05	346.08
	Total (Reporting SRTUs)	1,59,776	1,59,304	7,38,325	7,41,835	5.17	5.25	59.13	58.83	305.59	308.60

…: Not reported

Source: As reported by the respective SRTUs

Annexure I (concld.)

Physical Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Passenger Kilometres Offered (in Lakh)		Passenger KMS Performed (in Lakh)		Occupancy Ratio (%)		Passengers Carried (in Lakh)		Passengers carried per Bus/Day (Number)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	25	26	27	28	29	30	31	32	33	34
1	Ahmedabad MTC	28,283.52	28,032.10	17,902.19	15,851.60	63.30	56.55	2,274.95	2,024.37	625.95	586.28
2	Andhra Pradesh SRTC	7,77,454.37	7,86,514.92	5,16,978.85	5,48,032.27	66.50	69.68	22,977.48	23,192.10	522.64	526.04
3	Andaman & Nicobar ST	107.62	106.25	105.80	104.70	98.31	98.54	115.06	101.08	117.30	104.11
4	Arunachal Pradesh ST	88.00	86.00	72.00	79.00	81.82	91.86	12.66	17.98	21.09	28.47
5	Assam STC	9,943.53	9,621.26	7,437.69	7,065.05	74.80	73.43	207.95	148.89	52.13	50.05
6	BEST Undertaking	1,53,160.86	1,60,925.22	73,489.93	90,715.96	47.98	56.37	10,610.84	12,215.78	708.14	788.04
7	Bangalore Metropolitan TC	2,08,705.06	2,92,400.96	1,56,478.42	2,17,253.90	74.98	74.30	14,429.58	19,366.90	611.43	798.01
8	Bihar SRTC	3,570.04	3,003.84	3,146.03	2,673.42	88.12	89.00	26.55	25.36	32.53	31.16
9	Calcutta STC	11,029.00	9,576.25	6,306.00	7,652.94	57.18	79.92	616.00	869.30	215.23	292.95
10	Chandigarh TU	17,769.00	16,784.00	15,795.00	15,441.00	88.89	92.00	539.19	478.15	298.22	303.24
11	Delhi TC	1,57,736.50	1,69,387.82	1,05,793.87	1,10,186.78	67.07	65.05	12,944.24	14,187.28	774.91	780.98
12	Gujarat SRTC	5,27,887.64	5,21,184.55	3,26,305.62	3,33,368.23	61.81	63.96	7,613.34	7,734.65	264.92	272.90
13	Haryana ST	2,29,464.00	2,33,451.00	1,72,764.00	1,69,225.00	75.29	72.49	4,554.46	4,683.42	298.41	314.26
14	Himachal RTC	...	...	...	...	...	...	...	...	...	...
15	J&K SRTC	175.33	181.29	173.01	178.99	98.68	98.73	46.44	45.69	20.80	20.52
16	Kadamba TC Ltd.	17,634.07	17,513.20	9,798.65	9,468.36	55.57	54.06	356.18	344.33	171.03	174.70
17	Karnataka SRTC	4,97,733.96	5,07,865.92	3,43,937.34	3,54,490.41	69.10	69.80	10,103.63	10,349.06	337.81	340.75
18	Kerala SRTC	7,109.00	6,981.00	5,489.00	5,537.00	77.21	79.32	10,437.00	11,059.00	505.97	532.40
19	Maharashtra SRTC(P)	9,18,189.00	9,16,294.00	6,39,059.00	6,49,286.00	69.60	70.86	24,561.00	24,557.00	362.46	374.67
20	Meghalaya STC	710.05	632.24	458.55	399.09	64.58	63.12	3.69	3.82	17.09	16.61
21	Metro TC (Chennai) Limited	2,50,415.00	2,49,542.00	1,90,868.00	1,89,963.00	76.22	76.12	17,815.00	18,120.00	1,270.22	1,310.90
22	Mizoram ST	158.08	260.52	183.11	229.15	115.83	87.96	0.43	0.48	2.40	3.99
23	Nagaland ST	2,129.00	2,104.00	1,435.00	1,388.00	67.40	65.97	11.50	15.80	16.98	22.43
24	Navi Mumbai MT	329.75	323.11	264.07	245.53	80.08	75.99	844.00	801.00	614.94	609.59
25	North Bengal STC	24,035.28	18,904.00	18,266.81	13,799.92	76.00	73.00	1,124.78	763.68	394.50	316.53
26	North Eastern Karnataka RTC	2,50,084.64	2,31,970.19	1,58,480.94	1,53,145.53	63.37	66.02	4,922.70	4,891.00	302.45	310.21
27	North Western Karnataka RTC	2,97,770.00	2,92,426.00	1,78,564.00	1,79,303.00	59.97	61.32	8,271.60	8,303.75	477.20	480.16
28	Odisha SRTC	21,002.87	24,787.81	15,122.07	19,949.44	72.00	80.48	69.64	63.62	41.45	39.08
29	Pepsu RTC	1,282.18	1,280.97	...	...	...	...	...	...	...	...
30	Pune Mahamandal	62,855.59	64,748.91	49,498.25	49,399.86	78.75	76.29	4,115.04	4,443.57	541.84	583.33
31	PUNBUS	1,487.99	1,457.59	1,408.74	1,327.34	94.67	91.06	1,663.78	919.14	361.36	202.75
32	State Transport Punjab	403.80	386.94	339.67	295.73	84.12	76.43	83.84	104.25	47.33	75.96
33	Rajasthan SRTC	2,89,216.13	3,06,849.27	2,18,068.96	2,23,386.27	75.40	72.80	3,387.78	3,582.29	204.38	208.64
34	Sikkim NT	588.38	1,390.00	417.43	460.00	70.95	33.09	14.06	12.85	30.49	41.42
35	Solapur MT	30.45	26.25	22.67	16.30	74.45	62.10	72.80	47.64	98.47	71.32
36	South Bengal STC	22,375.50	17,903.50	16,585.41	11,783.26	74.12	65.82	62.90	48.54	25.96	22.54
37	State Exp.TC TN Ltd.	97,300.73	91,272.15	78,728.22	77,551.90	80.91	84.97	268.72	270.52	62.81	67.13
38	Telangana SRTC	6,20,307.64	6,32,306.04	4,35,517.99	4,36,291.17	70.21	69.00	32,935.94	33,391.10	866.03	885.69
39	Thane MT	7,987.34	7,797.74	4,781.22	4,402.60	59.86	56.46	574.92	625.75	444.99	507.21
40	TN STC (Coimbatore) Ltd.	3,46,988.69	3,31,952.45	2,36,590.85	2,28,832.20	68.18	68.94	9,322.91	9,014.78	784.01	775.69
41	TN STC (Kumbakonam) Ltd.	3,99,658.65	3,84,398.79	3,43,024.20	3,33,661.46	85.83	86.80	14,414.33	14,271.85	1,030.98	1,033.60
42	TN STC (Madurai) Ltd.	2,72,306.17	2,61,289.29	1,92,065.32	1,87,390.55	70.53	71.72	6,406.77	6,563.54	689.17	714.72
43	TN STC (Salem) Ltd.	2,50,876.58	2,36,919.91	1,56,566.93	1,53,057.55	62.41	64.60	5,533.12	5,582.27	654.73	685.82
44	TN STC (Villupuram) Ltd.	3,99,189.79	3,75,974.60	2,98,709.73	2,93,359.86	74.83	78.03	8,419.94	8,450.15	640.82	656.21
45	Tripura RTC	1.20	1.20	1.00	1.00	83.33	83.26	2.00	1.75	11.38	9.99
46	Uttar Pradesh SRTC (P)	5,73,484.00	3,87,745.00	4,07,174.00	2,83,054.00	71.00	73.00	5,560.00	5,440.00	158.62	158.30
47	Uttarakhand TC	...	...	...	...	...	...	369.17	375.27	80.95	89.64
	Total (Reporting SRTUs)	77,59,015.98	76,04,560.05	54,04,175.54	53,79,304.32	69.65	70.74	2,48,697.91	2,57,508.75		

…: Not reported

Source: As reported by the respective SRTUs

Annexure II

Financial Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Traffic Revenue (Rs. in Lakh)		Non - Traffic Revenue (Rs. in Lakh)							
		Traffic Revenue		Income from Advertisements		Sale Proceeds from scraps		Receipt from penalities/fines		Other Receipts	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	2	3	4	5	6	7	8	9	10	11	12
1	Ahmedabad MTC	11,189.27	11,958.89	806.7	548.1	203.0	194.5			840.8	327.1
2	Andhra Pradesh SRTC	4,27,159.75	3,42,810.05	1,218.0	964.2	1,528.9	2,031.9			31,344.3	22,753.6
3	Andaman & Nicobar ST	1,744.79	1,467.56			1.4	6.0				
4	Arunachal Pradesh ST	13.32	16.09	22.0	2.6					8.0	20.7
5	Assam STC	7,300.35	7,100.17	27.1	49.3	21.3	13.2			5,031.7	6,496.6
6	BEST Undertaking	1,34,901.93	1,25,444.26	5,871.8	5,401.7	...	...	...	...	4,604.0	20,119.6
7	Bangalore Metropolitan TC	1,91,802.62	1,99,411.06	1,209.7	981.0	447.6	1,202.1	378.4	280.9	7,389.1	6,795.4
8	Bihar SRTC	1,588.61	1,196.72							898.6	964.0
9	Calcutta STC	6,989.52	10,204.80							732.4	838.3
10	Chandigarh TU	10,937.44	9,474.47	191.0	160.4					2,276.8	1,472.2
11	Delhi TC	91,042.39	98,704.94	173.2	452.9	1,137.9	1,216.1	7,803.3	10,160.7	342.0	452.0
12	Gujarat SRTC	1,95,008.66	2,06,892.46	0.0	0.0	666.0	1,117.0	0	0	8,789.0	6,820.0
13	Haryana ST	1,31,367.23	1,28,840.43							1,048.9	954.2
14	Himachal RTC	59,773.88	56,483.44	74.6	112.3	532.4	747.9			1,214.6	1,299.9
15	J&K SRTC	5,549.64	5,885.45			146.6	83.1	11.0	11.4	3.8	3.1
16	Kadamba TC Ltd.	7,416.21	7,201.23	28.2	26.0	15.8	25.4	3.6	4.3	1,609.9	1,821.9
17	Karnataka SRTC	2,77,773.44	2,83,987.17	305.0	219.2	1,169.4	1,958.0	59.1	69.5	14,787.4	11,847.8
18	Kerala SRTC	2,13,822.85	1,96,455.00	...	...	...	...	...	...	...	...
19	Maharashtra SRTC(P)	5,71,389.41	5,72,743.51	975.2	1,138.3	62.5	2,353.6	15.9	17.9	20,073.9	16,187.4
20	Meghalaya STC	481.48	419.04	...	...	...	...	...	...	746.6	760.9
21	Metro TC (Chennai) Limited	1,07,306.38	1,08,717.83	589.8	679.7	293.7	364.7	124.9	19.4	2,687.1	1,694.2
22	Mizoram ST	184.95	231.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	Nagaland ST	1,123.78	1,379.00								
24	Navi Mumbai MT	10,483.08	9,152.85								
25	North Bengal STC	12,372.64	8,400.36			108.4	320.3			137.6	49.5
26	North Eastern Karnataka RTC	1,32,410.82	1,29,622.38	52.4	37.5	674.7	801.9	0.0	0.0	4,110.5	3,969.7
27	North Western Karnataka RTC	1,50,654.80	1,51,277.57	65.0	60.6	453.0	1,010.9	87.8	79.5	4,930.0	5,390.4
28	Odisha SRTC	7,675.31	7,664.07	14.1	24.2	10.4	0.6	1.9	2.7	1,209.5	1,123.4
29	Pepsu RTC	36,499.83	30,783.01	92.4	174.0	190.7	166.0				
30	Pune Mahamandal	63,066.44	55,939.93	829.8	499.5	212.3	177.4	2,077.3	963.4	2,320.7	3,344.4
31	PUNBUS	36,593.81	35,445.72	148.8	120.3	47.0	48.5	641.4	244.6	1,641.3	934.0
32	State Transport Punjab	8,594.80	14,212.13							77.9	175.5
33	Rajasthan SRTC	1,51,839.75	1,54,874.03	282.7	343.4	79.8	341.3	500.4	647.6	865.2	1,014.3
34	Sikkim NT	1,757.94	1,025.00								
35	Solapur MT	2,183.76	1,590.96	0.9	6.5	0.3	0.7	0.7	0.2	1,244.8	183.8
36	South Bengal STC	10,859.30	9,481.96	25.9	13.1	72.9	59.0	1.0	4.1	158.0	211.1
37	State Exp.TC TN Ltd.	55,067.05	53,882.42	4.2	6.9	90.7	161.1	0.0	0.0		
38	Telangana SRTC	3,29,629.66	3,29,792.83	1,430.1	1,196.6	1,541.9	2,253.9	568.6	509.5	23,548.4	12,484.4
39	Thane MT	7,660.26	6,827.27	323.5	1,075.2						
40	TN STC (Coimbatore) Ltd.	1,03,246.99	1,00,172.90	21.7	110.8	372.4	388.1	44.4	35.6	4,916.0	9,626.7
41	TN STC (Kumbakonam) Ltd.	1,35,696.14	1,33,684.09	215.4	148.1	385.8	456.0	0.0	0.0	1,673.9	1,500.8
42	TN STC (Madurai) Ltd.	85,457.75	83,815.65	65.9	147.3	267.3	396.7			1,033.4	957.8
43	TN STC (Salem) Ltd.	78,469.89	76,309.91								
44	TN STC (Villupuram) Ltd.	1,34,573.05	1,32,184.30	161.9	80.0	310.1	431.0	0.0	0.0	1,494.9	1,591.2
45	Tripura RTC	172.32	164.35							74.0	45.3
46	Uttar Pradesh SRTC (P)	3,32,575.21	3,23,468.65	732.9	436.9	684.2	1,094.2	4,499.6	2,524.4		
47	Uttarakhand TC	44,701.53	41,622.11	32.9	68.4	67.0	46.4			1,084.8	1,613.0
	Total (Reporting SRTUs)	43,88,110.03	42,68,419.47	15,993	15,285	11,795	19,468	16,819	15,576	1,54,950	1,45,844

*** Arunachal Pradesh ST has not furnished complete information**

…: Not reported

Source: As reported by the respective SRTUs

Annexure II (contd.)

Financial Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Non - Traffic Revenue (Rs. Lakh)		Subsidies/ Reimbursements (Lakh)						Total Revenue (Rs. in Lakh)	
		Total Non-Traffic Revenue		Subsidies & reimbursements		Other subsidies		Total Subsidies/ Reimbursements			
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015- 16	2014-15
1	2	13	14	15	16	17	18	19	20	21	22
1	Ahmedabad MTC	1,850.4	1,069.7							13,039.70	13,028.54
2	Andhra Pradesh SRTC	34,091.1	25,749.7	40,369.0	32,241.5			40,369.0	32,241.5	5,01,619.85	4,00,801.26
3	Andaman & Nicobar ST	1.4	6.0							1,746.18	1,473.58
4	Arunachal Pradesh ST	30.0	23.3							43.30	39.35
5	Assam STC	5,080.1	6,559.2							12,380.43	13,659.33
6	BEST Undertaking	10,475.8	25,521.3	...	...	...	...	...	...	1,45,377.74	1,50,965.52
7	Bangalore Metropolitan TC	9,424.8	9,259.4	19,521.0	17,014.0			19,521.0	17,014.0	2,20,748.39	2,25,684.43
8	Bihar SRTC	898.6	964.0							2,487.18	2,160.69
9	Calcutta STC	732.4	838.3					19,653.6	24,765.6	27,375.44	35,808.66
10	Chandigarh TU	2,467.8	1,632.6							13,405.27	11,107.08
11	Delhi TC	9,456.4	12,281.7							1,00,498.79	1,10,986.67
12	Gujarat SRTC	9,455.0	7,937.0	23,540.0	35,057.0	28,692.0	36,332.0	52,232.0	71,389.0	2,56,695.66	2,86,218.46
13	Haryana ST	1,048.9	954.2					0.0	0.0	1,32,416.16	1,29,794.58
14	Himachal RTC	1,821.5	2,160.1	24,000.0	16,500.0	7,500.0		31,500.0	16,500.0	93,095.39	75,143.55
15	J&K SRTC	161.4	97.6			3,000.0	3,000.0	3,000.0	3,000.0	8,711.06	8,983.08
16	Kadamba TC Ltd.	1,657.6	1,877.6	1,068.7	997.9	6,711.8	4,197.9	7,780.5	5,195.8	16,854.34	14,274.62
17	Karnataka SRTC *	16,320.9	14,094.4	23,630.0	22,265.6			23,630.0	22,265.6	3,17,724.39	3,20,347.20
18	Kerala SRTC	2,692.8	6,450.0	...	...	...	...	...	...	2,16,515.60	2,02,905.00
19	Maharashtra SRTC	21,127.4	19,697.3	1,33,479.0	1,33,425.0			1,33,479.0	1,33,425.0	7,25,995.85	7,25,865.78
20	Meghalaya STC	746.6	760.9	...	...	...	...	...	...	1,228.05	1,179.95
21	Metro TC (Chennai) Limited	3,695.6	2,758.0	16,163.0	14,197.0	3,316.0	7,416.0	19,479.0	21,613.0	1,30,481.02	1,33,088.77
22	Mizoram ST	0.0	0.0					0.0	0.0	184.95	231.45
23	Nagaland ST	20.6	46.0					0.0	0.0	1,144.40	1,425.00
24	Navi Mumbai MT	388.0	279.2					1,283.5	3,818.3	12,154.55	13,250.32
25	North Bengal STC	246.0	369.8			11,694.0	11,467.0	11,694.0	11,467.0	24,312.64	20,237.19
26	North Eastern Karnataka RTC	4,837.6	4,809.1	12,876.7	11,411.6	0.0	0.0	12,876.7	11,411.6	1,50,125.10	1,45,843.10
27	North Western Karnataka RTC	5,535.9	6,541.3	17,188.9	15,037.9			17,188.9	15,037.9	1,73,379.51	1,72,856.73
28	Odisha SRTC	1,235.8	1,150.8		160.0			0.0	160.0	8,911.11	8,974.90
29	Pepsu RTC	283.0	340.0	7,330.4	8,612.2			7,330.4	8,612.2	44,113.22	39,735.22
30	Pune Mahamandal	5,440.2	4,984.7			9,168.6	9,813.3	9,168.6	9,813.3	77,675.24	70,737.93
31	PUNBUS	2,478.5	1,347.3	4,492.1	5,947.6			4,492.1	5,947.6	43,564.45	42,740.66
32	State Transport Punjab	77.9	175.2	1,893.9	2,152.7			1,893.9	2,152.7	10,566.57	16,540.00
33	Rajasthan SRTC	1,728.1	2,346.6	15,017.0	15,392.0	3,000.0	10,766.0	18,017.0	26,158.0	1,71,584.89	1,83,378.62
34	Sikkim NT	2,089.0	2,067.0							3,846.96	3,092.00
35	Solapur MT	1,246.6	191.2	136.0	92.3			136.0	92.3	3,566.31	1,874.44
36	South Bengal STC	257.7	287.2	5,937.0	6,048.6			5,937.0	6,048.6	17,053.95	15,817.79
37	State Exp.TC TN Ltd.	94.9	168.0	281.1	243.6	7,957.6	11,141.3	8,238.7	11,384.9	63,400.65	65,435.35
38	Telangana SRTC	27,089.0	16,444.4	0.0	0.0	52,845.2	52,847.0	52,845.2	52,847.0	4,09,563.87	3,99,084.21
39	Thane MT	323.5	1,075.2							7,983.78	7,902.44
40	TN STC (Coimbatore) Ltd.	5,354.5	10,161.2	12,080.3	11,317.6	3,714.0	8,443.0	15,794.3	19,760.6	1,24,395.75	1,30,094.65
41	TN STC (Kumbakonam) Ltd.	2,275.1	2,104.9	14,645.2	14,076.4	4,975.0	10,392.0	19,620.2	24,468.4	1,57,591.41	1,60,257.43
42	TN STC (Madurai) Ltd.	1,366.6	1,501.7	11,480.8	11,209.4	3,019.0	10,396.0	14,499.8	21,605.4	1,01,324.05	1,06,922.83
43	TN STC (Salem) Ltd.	207.8	394.5					10,730.2	17,935.8	89,407.83	94,640.19
44	TN STC (Villupuram) Ltd.	1,966.9	2,102.2	12,707.5	11,985.3	4,965.0	10,086.0	17,672.5	22,071.3	1,54,212.48	1,56,357.86
45	Tripura RTC	74.0	45.3	1,706.4	1,372.0			1,706.4	1,372.0	1,952.72	1,581.61
46	Uttar Pradesh SRTC	5,916.7	4,055.6							3,38,491.89	3,27,524.22
47	Uttarakhand TC	1,184.7	1,727.8	...						45,886.25	43,349.94
	Total (Reporting SRTUs)	2,04,955	2,05,408	3,99,544	3,86,757	1,50,558	1,86,297	5,81,769	6,19,574	51,74,834.32	50,93,402.18

Any other forms of subsidies (not as capital receipts) from State Government

Source: As reported by the respective SRTUs

Financial Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Staff Costs (Rs. Lakh)		Fuel and Lubricants Cost (Rs. Lakh)		Cost of Tyers & Tubes (Rs. Lakh)		Cost of Spares (Rs. Lakh)		Interest (Rs. Lakh)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	23	24	25	26	27	28	29	30	31	32
1	Ahmedabad MTC	18,683.08	17,464.01	3,008.79	3,692.18	234.65	273.65	693.04	547.65	721.50	715.10
2	Andhra Pradesh SRTC	2,58,586.64	1,80,307.21	1,34,784.83	1,30,223.85	9,092.31	8,367.34	13,854.13	13,129.64	19,401.30	16,232.75
3	Andaman & Nicobar ST	2,639.30	1,773.59	1,812.61	1,652.89	135.18	142.30	175.12	241.60	609.12	559.36
4	Arunachal Pradesh ST	...	...	...	...	...	...	...	...	...	...
5	Assam STC	7,996.87	7,485.44	3,945.33	4,467.25	184.21	314.33	190.83	380.04	1,058.65	1,732.30
6	BEST Undertaking	1,68,916.39	1,58,238.21	39,502.65	42,798.44	1,783.22	1,926.45	7,450.17	7,215.32	10,002.51	9,892.56
7	Bangalore Metropolitan TC	1,09,580.99	1,01,776.82	60,734.94	77,073.00	3,112.93	3,136.26	7,413.61	6,288.89	5,283.01	6,931.12
8	Bihar SRTC	1,091.68	971.82	820.24	752.05	95.14	131.30	130.79	83.15	8,605.00	8,770.00
9	Calcutta STC	18,085.19	18,504.04	4,904.35	11,329.92	187.01	93.63	174.12	224.05		
10	Chandigarh TU	8,689.00	8,701.98	4,729.47	5,164.99	212.92	249.51	1,005.51	890.45	102.43	63.11
11	Delhi TC	1,47,469.45	1,32,958.72	40,790.53	46,501.65	150.38	280.48	1,093.96	1,310.64	3,27,713.51	2,80,299.93
12	Gujarat SRTC	1,12,633.82	1,08,806.95	97,437.66	1,17,545.94	5,833.84	7,148.20	3,927.62	3,235.85	10,128.88	9,046.59
13	Haryana ST	92,565.42	87,170.72	47,238.99	55,692.63	3,037.89	3,042.40	4,704.51	4,188.06	3,750.00	3,500.00
14	Himachal RTC	41,979.93	40,505.16	23,784.24	26,524.34	2,687.24	2,694.94	3,213.00	2,997.67	2,415.62	2,467.83
15	J&K SRTC	5,421.16	5,291.35	2,076.00	2,237.37	166.00	159.01	206.01	186.17	0.00	0.00
16	Kadamba TC Ltd.	9,723.19	8,790.92	3,649.52	4,363.34	291.09	312.29	370.90	321.68	470.94	537.47
17	Karnataka SRTC	1,31,416.30	1,13,881.93	1,02,021.55	1,27,099.94	6,929.02	8,477.81	10,097.98	10,000.52	3,232.68	3,768.38
18	Kerala SRTC	1,23,785.94	1,23,190.00	91,326.90	87,474.00	2,892.34	2,854.10	9,670.58	6,966.25	22,927.57	24,000.00
19	Maharashtra SRTC(P)	3,16,853.00	3,06,251.08	2,31,014.32	2,71,128.21	14,578.45	19,180.98	10,797.95	9,666.82	145.80	150.93
20	Meghalaya STC	932.91	768.54	300.95	286.51	20.77	23.78	36.08	26.88		
21	Metro TC (Chennai) Limited	1,11,130.88	90,313.03	39,071.66	47,672.00	2,841.65	3,001.95	5,719.76	5,861.09	8,722.75	7,954.03
22	Mizoram ST	1,977.73	2,171.62	120.00	128.92	21.32	23.97	43.03	58.85	0.00	0.00
23	Nagaland ST	3,817.64	3,655.80	825.00	810.00	340.00	207.00	210.50	274.45		
24	Navi Mumbai MT	6,950.41	6,542.52	4,762.99	4,765.79	203.48	143.30	365.97	322.00	99.31	114.08
25	North Bengal STC	14,291.75	12,829.28	7,325.43	5,966.58	452.89	309.56	737.51	432.25	1,505.12	1,471.27
26	North Eastern Karnataka RTC	73,715.61	58,515.59	47,759.02	55,278.99	4,177.50	4,472.44	3,055.86	2,899.68	1,172.91	2,690.52
27	North Western Karnataka RTC	72,277.74	66,469.84	56,740.18	66,962.88	3,557.35	4,130.95	3,692.39	3,550.57	2,881.95	3,719.79
28	Odisha SRTC	2,275.69	2,013.73	3,801.45	4,151.41	396.60	372.30	405.35	321.92	110.93	110.93
29	Pepsu RTC	23,826.90	21,524.27	11,449.74	12,147.14	480.00	433.25	382.65	488.30	1,160.00	1,149.00
30	Pune Mahamandal	48,885.72	43,934.83	8,674.06	10,279.95	709.80	588.73	1,955.39	1,115.64	362.50	420.70
31	PUNBUS	12,200.13	10,954.40	16,046.19	18,523.03	641.03	1,109.09	933.82	497.92	244.69	189.50
32	State Transport Punjab	14,197.37	20,633.18	4,153.28	3,776.27	259.82	260.44			81.95	281.11
33	Rajasthan SRTC	1,13,171.72	1,10,656.27	55,467.80	72,737.44	4,256.31	5,504.75	3,156.23	2,990.85	9,016.66	9,594.93
34	Sikkim NT	3,555.60	3,391.00	805.77	590.00	42.88	32.00	140.00	99.00	0.00	0.00
35	Solapur MT	1,331.18	1,192.09	760.45	448.76	94.93	43.18			59.37	67.47
36	South Bengal STC	8,134.00	8,302.38	5,897.20	5,976.11	487.73	335.21	617.60	577.08	2,798.09	2,549.96
37	State Exp.TC TN Ltd.	29,682.23	28,887.56	21,850.64	25,410.17	1,204.87	1,425.10	1,453.84	1,381.24	7,683.65	6,992.43
38	Telangana SRTC	2,39,888.16	1,78,299.89	1,05,205.61	1,31,985.53	7,239.78	8,127.52	6,386.07	5,708.44	12,983.89	15,495.82
39	Thane MT	6,896.63	7,381.01	2,198.51	3,099.44	143.61	89.86	458.85	695.44		
40	TN STC (Coimbatore) Ltd.	75,546.86	69,861.62	45,834.02	52,221.27	1,847.33	1,975.56	4,614.90	4,467.11	8,750.42	8,076.32
41	TN STC (Kumbakonam) Ltd.	1,06,468.40	94,766.93	56,448.29	65,791.50	4,190.90	4,236.49	3,669.89	2,714.61	7,685.66	6,682.21
42	TN STC (Madurai) Ltd.	67,984.19	63,693.09	37,109.48	43,006.90	2,445.48	2,526.89	1,892.00	1,787.49	5,217.92	4,326.29
43	TN STC (Salem) Ltd.	56,464.73	48,011.37	35,028.88	40,156.05	1,317.76	1,479.13	2,141.84	1,963.19	4,722.50	4,463.49
44	TN STC (Villupuram) Ltd.	92,753.86	84,123.00	56,352.38	64,459.19	3,652.64	3,627.46	3,858.36	3,696.19	6,583.98	4,872.20
45	Tripura RTC	1,706.37	1,372.00	107.45	103.20	15.56	18.43	33.30	32.53	0.00	0.00
46	Uttar Pradesh SRTC (P)	1,27,246.23	1,08,390.83	89,370.18	1,01,359.97	6,130.99	6,720.29	8,855.51	8,398.27	1,902.60	2,987.94
47	Uttarakhand TC	16,307.11	15,796.67	14,462.42	16,827.99	1,083.40	1,194.76	1,024.97	908.34		
	Total (Reporting SRTUs)	29,09,735.10	25,86,522.29	16,21,511.95	18,70,644.98	99,860.20	1,11,198.37	1,31,011.50	1,19,143.78	5,00,315.37	4,52,877.42

…: Not reported

Source: As reported by the respective SRTUs

Annexure II (Concld.)

Financial Performance of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Depreciation (Rs. Lakh)		Payments to Hired Buses(Rs. Lakh)		Taxes (Rs. Lakh)		Other Cost (Rs. Lakh)		Total Cost (Rs. in Lakh)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	33	34	35	36	37	38	39	40	41	42
1	Ahmedabad MTC	0.00	0.00	8,950.63	5,645.06	854.25	129.08	7,544.64	9,217.97	40,690.58	37,684.70
2	Andhra Pradesh SRTC	18,008.41	18,452.53	47,714.80	37,994.77	39,882.49	31,925.01	15,197.53	8,224.26	5,56,522.44	4,44,857.36
3	Andaman & Nicobar ST	403.51	444.02	0.00	0.00	173.22	151.63	0.00	0.00	5,948.06	4,965.39
4	Arunachal Pradesh ST	...	...	...	...	...	...	...	...	...	...
5	Assam STC	2,650.18	2,721.85	0.00	0.00	41.93	25.12	471.06	1,211.46	16,539.06	18,337.79
6	BEST Undertaking	3,579.99	3,642.76	0.00	0.00	6,348.46	3,072.27	13,986.70	9,981.27	2,51,570.09	2,36,767.28
7	Bangalore Metropolitan TC	13,338.30	15,630.06	0.00	0.00	10,690.93	11,107.82	9,221.02	10,230.84	2,19,375.73	2,32,174.81
8	Bihar SRTC			0.00	0.00	86.03	21.17	407.98	352.60	11,236.86	11,082.09
9	Calcutta STC	2,308.09	5,139.44	0.00	0.00			14,332.82	7,945.00	39,991.58	43,236.08
10	Chandigarh TU	1,160.16	782.99	0.00	0.00	1,131.39	839.44	3,488.55	1,374.44	20,519.43	18,066.91
11	Delhi TC	16,864.13	16,910.83	1,163.23	50.97	1,886.42	1,802.26	32,959.53	30,017.80	5,70,091.14	5,10,133.28
12	Gujarat SRTC	16,810.81	16,892.60	1,319.37	1,428.40	21,660.05	26,078.93	11,735.72	9,385.23	2,81,487.77	2,99,568.69
13	Haryana ST	4,275.24	3,975.00	0.00	0.00	27,470.01	26,513.31	7,091.25	5,493.87	1,90,133.31	1,89,575.99
14	Himachal RTC	3,163.19	3,253.47	2,311.81	2,390.88	6,189.56	5,883.70	7,178.22	5,686.43	92,922.81	92,404.42
15	J&K SRTC	289.02	288.01	0.00	0.00	863.58	905.47			9,021.77	9,067.38
16	Kadamba TC Ltd.	924.63	790.21	168.44	151.80	233.02	235.94	503.07	597.16	16,334.80	16,100.81
17	Karnataka SRTC	22,284.95	24,966.53	0.00	0.00	15,416.88	15,791.60	21,229.89	20,709.50	3,12,629.25	3,24,696.21
18	Kerala SRTC	8,038.64	7,655.00	0.00	0.00	8,062.55	8,805.00	23,687.88	13,909.00	2,90,392.40	2,74,853.35
19	Maharashtra SRTC(P)	35,402.99	37,294.78	1,871.66	3,032.11	1,03,819.91	1,07,914.89	35,211.91	35,407.20	7,49,695.99	7,90,027.00
20	Meghalaya STC	75.09	68.51	0.00	0.00	4.35	8.57	211.58	178.19	1,581.73	1,360.98
21	Metro TC (Chennai) Limited	2,839.51	3,975.40	0.00	0.00	1,359.21	1,546.97	8,763.05	12,032.31	1,80,448.47	1,72,356.78
22	Mizoram ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,162.08	2,383.36
23	Nagaland ST	307.00	342.00	0.00	0.00	53.00	42.00	402.22	153.20	5,955.36	5,484.45
24	Navi Mumbai MT	951.52	951.52	0.00	0.00	353.23	295.18	1,656.43	1,588.39	15,343.34	14,722.78
25	North Bengal STC	609.00	604.16	0.00	0.00	266.90	1.03	1,117.38	736.27	26,305.98	22,350.40
26	North Eastern Karnataka RTC	7,841.96	7,887.52	0.00	0.00	6,904.53	6,761.56	7,689.22	8,848.51	1,52,316.61	1,47,354.81
27	North Western Karnataka RTC	13,431.73	12,735.35	0.00	0.00	7,425.54	7,472.29	17,251.06	13,123.05	1,77,257.94	1,78,164.72
28	Odisha SRTC	720.34	753.93	0.00	0.00	516.79	485.80	183.89	261.66	8,411.04	8,471.68
29	Pepsu RTC	850.00	840.96	2,400.00	2,335.64	4,110.03	3,491.18			44,659.32	42,409.74
30	Pune Mahamandal	2,859.04	3,535.27	19,764.18	20,292.12	584.47	138.86	9,060.62	7,200.49	92,855.78	87,506.59
31	PUNBUS	2,170.40	1,574.45	1,527.81	969.19	7,261.68	7,235.45	1,964.67	1,446.76	42,990.42	42,499.79
32	State Transport Punjab	12.54	47.53	171.18	318.46	1,677.98	1,612.30	77.58	829.82	20,631.70	27,759.11
33	Rajasthan SRTC	6,720.15	6,885.34	4,816.89	2,894.00	21,731.76	21,262.30	3,813.16	6,716.83	2,22,150.68	2,39,242.71
34	Sikkim NT	0.00	0.00	0.00	0.00	16.73	0.56	0.70	0.70	4,561.68	4,113.26
35	Solapur MT			0.00	0.00	40.27	36.18	1,863.82	808.20	4,150.02	2,595.88
36	South Bengal STC	1,099.16	1,144.63	0.00	0.00	784.83	538.60	1,332.43	1,325.65	21,151.04	20,749.62
37	State Exp.TC TN Ltd.	3,533.28	3,070.78	0.00	0.00	5,747.79	5,291.74	7,951.04	12,541.88	79,107.34	85,000.90
38	Telangana SRTC	12,368.20	16,483.77	40,629.35	32,208.46	24,900.44	29,527.37	30,144.66	21,389.77	4,79,746.16	4,39,226.57
39	Thane MT		540.86		85.80	40.14	505.38	145.73	450.36	9,883.47	12,848.15
40	TN STC (Coimbatore) Ltd.	3,199.09	4,195.81	0.00	0.00	4,407.73	4,184.03	16,717.47	19,898.96	1,60,917.82	1,64,880.68
41	TN STC (Kumbakonam) Ltd.	4,128.16	5,569.59	0.00	0.00	6,516.49	6,661.62	7,345.15	12,930.06	1,96,452.94	1,99,353.01
42	TN STC (Madurai) Ltd.	3,338.51	3,635.53	0.00	0.00	3,625.62	3,604.27	7,111.70	14,028.83	1,28,724.90	1,36,609.29
43	TN STC (Salem) Ltd.	1,897.51	2,521.67	0.00	0.00	4,967.21	4,661.21	7,094.46	4,900.10	1,13,634.89	1,08,156.21
44	TN STC (Villupuram) Ltd.	4,231.53	6,129.74	0.00	0.00	4,199.47	4,143.17	13,072.55	18,725.45	1,84,704.77	1,89,776.40
45	Tripura RTC	25.60	29.79	3.55	4.03	8.17	1.78	92.18	80.80	1,992.18	1,642.56
46	Uttar Pradesh SRTC (P)	13,904.97	14,588.17	48,292.41	45,916.10	36,546.29	35,256.17	5,315.43	3,510.33	3,37,564.61	3,27,128.07
47	Uttarakhand TC	1,891.56	1,844.53	4,477.53	4,169.74	2,755.96	2,973.59	4,940.90	3,127.97	46,943.85	46,843.59
	Total (Reporting SRTUs)	2,38,508.09	2,58,796.89	1,85,582.84	1,59,887.53	3,91,617.29	3,88,941.80	3,59,566.85	3,36,578.57	64,37,709.19	62,84,591.63

…: Not reported

Source: As reported by the respective SRTUs

Annexure III

Profit/Loss of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Total Revenue (Rs. in Lakh)		Total Cost (Rs. in Lakh)		Net Profit/Loss (Rs. in Lakh)		Profit before Tax (Rs. Lakh)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	3	4	5	6	7	8	9	10
1	Ahmedabad MTC	13,039.70	13,028.54	40,690.58	37,684.70	-27,650.88	-24,656.16	-26,796.63	-24,527.08
2	Andhra Pradesh SRTC	5,01,619.85	4,00,801.26	5,56,522.44	4,44,857.36	-54,902.59	-44,056.10	-15,020.10	-12,131.09
3	Andaman & Nicobar ST	1,746.18	1,473.58	5,948.06	4,965.39	-4,201.88	-3,491.81	-4,028.66	-3,340.18
4	Arunachal Pradesh ST #	43.30	39.35	...	...	...	...	...	...
5	Assam STC	12,380.43	13,659.33	16,539.06	18,337.79	-4,158.63	-4,678.46	-4,116.70	-4,653.34
6	BEST Undertaking	1,45,377.74	1,50,965.52	2,51,570.09	2,36,767.28	-1,06,192.35	-85,801.76	-99,843.89	-82,729.49
7	Bangalore Metropolitan TC	2,20,748.39	2,25,684.43	2,19,375.73	2,32,174.81	1,372.66	-6,490.38	12,063.59	4,617.44
8	Bihar SRTC	2,487.18	2,160.69	11,236.86	11,082.09	-8,749.68	-8,921.40	-8,663.65	-8,900.23
9	Calcutta STC	27,375.44	35,808.66	39,991.58	43,236.08	-12,616.14	-7,427.42	-12,616.14	-7,427.42
10	Chandigarh TU	13,405.27	11,107.08	20,519.43	18,066.91	-7,114.16	-6,959.83	-5,982.77	-6,120.39
11	Delhi TC *	1,00,498.79	1,10,986.67	5,70,091.14	5,10,133.28	-3,41,109.50	-2,91,775.69	-3,39,223.08	-2,89,973.43
12	Gujarat SRTC	2,56,695.66	2,86,218.46	2,81,487.77	2,99,568.69	-24,792.11	-13,350.23	-3,132.06	12,728.70
13	Haryana ST	1,32,416.16	1,29,794.58	1,90,133.31	1,89,575.99	-57,717.15	-59,781.41	-30,247.14	-33,268.10
14	Himachal RTC	93,095.39	75,143.55	92,922.81	92,404.42	172.58	-17,260.87	6,362.14	-11,377.17
15	J&K SRTC	8,711.06	8,983.08	9,021.77	9,067.38	-310.71	-84.30	552.87	821.17
16	Kadamba TC Ltd.	16,854.34	14,274.62	16,334.80	16,100.81	519.54	-1,826.19	752.56	-1,590.25
17	Karnataka SRTC	3,17,724.39	3,20,347.20	3,12,629.25	3,24,696.21	5,095.14	-4,349.01	20,512.02	11,442.59
18	Kerala SRTC	2,16,515.60	2,02,905.00	2,90,392.40	2,74,853.35	-73,876.80	-71,948.35	-65,814.25	-63,143.35
19	Maharashtra SRTC(P) **	7,25,995.85	7,25,865.78	7,49,695.99	7,90,027.00	-24,243.14	-39,101.22	79,576.77	68,813.67
20	Meghalaya STC	1,228.05	1,179.95	1,581.73	1,360.98	-353.68	-181.03	-349.33	-172.46
21	Metro TC (Chennai) Limited	1,30,481.02	1,33,088.77	1,80,448.47	1,72,356.78	-49,967.45	-39,268.01	-48,608.24	-37,721.04
22	Mizoram ST	184.95	231.45	2,162.08	2,383.36	-1,977.13	-2,151.91	-1,977.13	-2,151.91
23	Nagaland ST	1,144.40	1,425.00	5,955.36	5,484.45	-4,810.96	-4,059.45	-4,757.96	-4,017.45
24	Navi Mumbai MT	12,154.55	13,250.32	15,343.34	14,722.78	-3,188.79	-1,472.46	-2,835.56	-1,177.28
25	North Bengal STC	24,312.64	20,237.19	26,305.98	22,350.40	-1,993.34	-2,113.21	-1,726.44	-2,112.18
26	North Eastern Karnataka RTC	1,50,125.10	1,45,843.10	1,52,316.61	1,47,354.81	-2,191.51	-1,511.71	4,713.02	5,249.85
27	North Western Karnataka RTC	1,73,379.51	1,72,856.73	1,77,257.94	1,78,164.72	-3,878.43	-5,307.99	3,547.11	2,164.30
28	Odisha SRTC	8,911.11	8,974.90	8,411.04	8,471.68	500.07	503.22	1,016.86	989.02
29	Pepsu RTC	44,113.22	39,735.22	44,659.32	42,409.74	-546.10	-2,674.52	3,563.93	816.66
30	Pune Mahamandal	77,675.24	70,737.93	92,855.78	87,506.59	-15,180.54	-16,768.66	-14,596.07	-16,629.80
31	PUNBUS	43,564.45	42,740.66	42,990.42	42,499.79	574.03	240.87	7,835.71	7,476.32
32	State Transport Punjab	10,566.57	16,540.00	20,631.70	27,759.11	-10,065.13	-11,219.11	-8,387.15	-9,606.81
33	Rajasthan SRTC	1,71,584.89	1,83,378.62	2,22,150.68	2,39,242.71	-50,565.79	-55,864.09	-28,834.03	-34,601.79
34	Sikkim NT	3,846.96	3,092.00	4,561.68	4,113.26	-714.72	-1,021.26	-697.99	-1,020.70
35	Solapur MT	3,566.31	1,874.44	4,150.02	2,595.88	-583.71	-721.44	-543.44	-685.26
36	South Bengal STC	17,053.95	15,817.79	21,151.04	20,749.62	-4,097.09	-4,931.83	-3,312.26	-4,393.23
37	State Exp.TC TN Ltd.	63,400.65	65,435.35	79,107.34	85,000.90	-15,706.69	-19,565.55	-9,958.90	-14,273.81
38	Telangana SRTC	4,09,563.87	3,99,084.21	4,79,746.16	4,39,226.57	-70,182.29	-40,142.36	-45,281.85	-10,614.99
39	Thane MT	7,983.78	7,902.44	9,883.47	12,848.15	-1,899.69	-4,945.71	-1,859.55	-4,440.33
40	TN STC (Coimbatore) Ltd.	1,24,395.75	1,30,094.65	1,60,917.82	1,64,880.68	-36,522.07	-34,786.03	-32,114.34	-30,602.00
41	TN STC (Kumbakonam) Ltd.	1,57,591.41	1,60,257.43	1,96,452.94	1,99,353.01	-38,861.53	-39,095.58	-32,345.04	-32,433.96
42	TN STC (Madurai) Ltd.	1,01,324.05	1,06,922.83	1,28,724.90	1,36,609.29	-27,400.85	-29,686.46	-23,775.23	-26,082.19
43	TN STC (Salem) Ltd.	89,407.83	94,640.19	1,13,634.89	1,08,156.21	-24,227.06	-13,516.02	-19,259.85	-8,854.81
44	TN STC (Villupuram) Ltd.	1,54,212.48	1,56,357.86	1,84,704.77	1,89,776.40	-30,492.29	-33,418.54	-26,292.82	-29,275.37
45	Tripura RTC	1,952.72	1,581.61	1,992.18	1,642.56	-39.46	-60.95	-31.29	-59.17
46	Uttar Pradesh SRTC (P)	3,38,491.89	3,27,524.22	3,37,564.61	3,27,128.07	927.28	396.15	37,473.57	35,652.32
47	Uttarakhand TC	45,886.25	43,349.94	46,943.85	46,843.59	-1,057.60	-3,493.65	1,698.36	-520.06
	Total (Reporting SRTUs)	51,74,834.32	50,93,402.18	64,37,709.19	62,84,591.63	-11,34,978.32	-10,58,797.88	-7,43,361.03	-6,69,856.08

* DTC's Net Profit and Loss includes Prior period adjustment & interest utilized of 128482.85 lakh in 2015-16 and 107370.92 lakh in 2014-15. Hence, Profit /Loss will not be equal to Total Revenue minus Total Cost as are given in Col.25, 27 and 26, 28 respectively.

** Maharashtra's Net Profit and Loss includes Prior period adjustment of -543 lakh in 2015-16 and 25060 lakh in 2014-15. Hence, Profit /Loss will not be equal to Total Revenue minus Total Cost as are given in Col.25, 27 and 26, 28 respectively.

Arunachal Pradesh ST has furnished financial data for Total Revenue only. Hence, Profit /Loss will not be equal to Total Revenue minus Total Cost as are given in Col.25, 27 and 26, 28 respectively.

Annexure IV

Key Financial Ratios of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Revenue/Km(Paise)		Revenue/Bus/Day (Rs.)		Cost/KM (paise)		Cost/Bus/Day (Rs.)		Profit/Loss per Km (Paise)		Profit/Loss per Bus/Day (Rs.)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad MTC	2,247	2,450	3,588	3,773	7,012	7,086	11,196	10,914	-4,765	-4,636	-7,608	-7,141
2	Andhra Pradesh SRTC	3,089	2,435	11,410	9,091	3,427	2,703	12,659	10,090	-338	-268	-1,249	-999
3	Andaman & Nicobar ST	1,650	1,407	1,780	1,518	5,622	4,742	6,064	5,114	-3,972	-3,335	-4,284	-3,596
4	Arunachal Pradesh ST	60	50	72	62	...	...	...	...	...	...	...	...
5	Assam STC	4,117	4,730	3,103	4,592	5,500	6,350	4,146	6,164	-1,383	-1,620	-1,042	-1,573
6	BEST Undertaking	6,202	6,192	9,702	9,739	10,733	9,711	16,789	15,274	-4,530	-3,519	-7,087	-5,535
7	Bangalore Metropolitan TC	6,568	4,793	9,354	9,299	6,528	4,931	9,296	9,567	41	-138	58	-267
8	Bihar SRTC	2,901	3,453	3,047	2,655	15,087	17,709	13,768	13,615	-11,748	-14,256	-10,720	-10,961
9	Calcutta STC	13,183	12,670	9,565	12,067	19,258	15,298	13,973	14,570	-6,075	-2,628	-4,408	-2,503
10	Chandigarh TU	3,395	3,309	7,414	7,044	5,197	5,382	11,349	11,458	-1,802	-2,073	-3,935	-4,414
11	Delhi TC	3,759	3,866	6,016	6,110	21,324	17,769	34,129	28,082	-12,759	-10,163	-20,421	-16,062
12	Gujarat SRTC	2,407	2,711	8,932	10,099	2,639	2,837	9,795	10,570	-232	-126	-863	-471
13	Haryana ST	2,885	2,780	8,676	5,849	4,143	4,060	12,458	12,721	-1,258	-1,280	-3,782	-4,011
14	Himachal RTC	5,124	4,306	9,617	4,535	5,114	5,295	9,599	10,346	9	-989	18	-1,933
15	J&K SRTC	5,064	5,019	3,902	2,377	5,245	5,066	4,041	4,072	-181	-47	-139	-38
16	Kadamba TC Ltd.	5,448	4,646	8,093	4,460	5,280	5,240	7,844	8,169	168	-594	249	-927
17	Karnataka SRTC	3,281	3,242	10,623	3,750	3,228	3,286	10,452	10,691	53	-44	170	-143
18	Kerala SRTC	3,945	3,665	10,496	9,768	5,290	4,964	14,078	13,232	-1,346	-1,299	-3,581	-3,464
19	Maharashtra SRTC(P)	3,446	3,482	10,714	11,075	3,559	3,789	11,064	12,054	-115	-188	-358	-597
20	Meghalaya STC	4,684	5,226	5,687	5,131	6,033	6,027	7,325	5,919	-1,349	-802	-1,638	-787
21	Metro TC (Chennai) Limited	3,691	3,787	9,303	9,628	5,104	4,904	12,866	12,469	-1,413	-1,117	-3,563	-2,841
22	Mizoram ST	3,042	2,310	1,031	1,922	35,561	23,786	12,056	19,787	-32,519	-21,476	-11,024	-17,866
23	Nagaland ST	1,881	2,371	1,690	2,023	9,789	9,126	8,795	7,785	-7,908	-6,754	-7,105	-5,763
24	Navi Mumbai MT	4,603	5,397	8,856	10,084	5,810	5,996	11,179	11,205	-1,208	-600	-2,323	-1,121
25	North Bengal STC	4,350	5,353	8,527	8,388	4,706	5,912	9,226	9,264	-357	-559	-699	-876
26	North Eastern Karnataka RTC	3,122	3,206	9,224	9,250	3,167	3,240	9,358	9,346	-46	-33	-135	-96
27	North Western Karnataka RTC	2,970	3,015	10,002	9,995	3,036	3,107	10,226	10,302	-66	-93	-224	-307
28	Odisha SRTC	2,699	2,867	5,304	5,513	2,548	2,706	5,007	5,204	151	161	298	309
29	Pepsu RTC	3,744	3,871	11,981	12,003	3,790	4,132	12,129	12,810	-46	-261	-148	-808
30	Pune Mahamandal	6,777	6,169	10,228	9,286	8,101	7,631	12,227	11,487	-1,324	-1,462	-1,999	-2,201
31	PUNBUS	3,092	3,220	9,462	9,428	3,052	3,202	9,337	9,375	41	18	125	53
32	State Transport Punjab	3,111	5,593	5,965	12,052	6,074	9,387	11,647	20,227	-2,963	-3,794	-5,682	-8,175
33	Rajasthan SRTC	2,907	2,928	10,351	10,680	3,764	3,820	13,402	13,934	-857	-892	-3,051	-3,254
34	Sikkim NT	20,268	18,449	8,342	9,966	24,034	24,542	9,892	13,258	-3,766	-6,093	-1,550	-3,292
35	Solapur MT	8,366	6,376	4,824	2,806	9,735	8,830	5,613	3,886	-1,369	-2,454	-790	-1,080
36	South Bengal STC	3,811	4,418	7,039	7,345	4,726	5,795	8,730	9,635	-916	-1,377	-1,691	-2,290
37	State Exp.TC TN Ltd.	2,715	2,939	14,818	16,239	3,388	3,818	18,489	21,094	-673	-879	-3,671	-4,855
38	Telangana SRTC	3,308	3,206	10,769	10,586	3,875	3,528	12,615	11,650	-567	-322	-1,845	-1,065
39	Thane MT	6,097	6,283	6,179	6,405	7,548	10,216	7,650	10,414	-1,451	-3,932	-1,470	-4,009
40	TN STC (Coimbatore) Ltd.	2,555	2,835	10,461	11,194	3,306	3,593	13,532	14,187	-750	-758	-3,071	-2,993
41	TN STC (Kumbakonam) Ltd.	2,471	2,608	11,272	11,606	3,080	3,245	14,051	14,438	-609	-636	-2,780	-2,831
42	TN STC (Madurai) Ltd.	2,527	2,792	10,899	11,643	3,211	3,567	13,847	14,876	-683	-775	-2,947	-3,233
43	TN STC (Salem) Ltd.	2,267	2,549	10,580	11,627	2,881	2,913	13,446	13,288	-614	-364	-2,867	-1,661
44	TN STC (Villupuram) Ltd.	2,395	2,590	11,737	12,142	2,869	3,143	14,057	14,737	-474	-553	-2,321	-2,595
45	Tripura RTC	1,44,646	1,21,662	11,115	9,027	1,47,569	1,26,351	11,340	9,375	-2,923	-4,688	-225	-348
46	Uttar Pradesh SRTC (P)	2,856	2,832	9,657	9,531	2,849	2,829	9,630	9,519	8	3	26	12
47	Uttarakhand TC	3,320	2,992	10,062	10,355	3,397	3,233	10,294	11,189	-77	-241	-232	-834

...: Not reported

Source: As reported by the respective SRTUs

Annexure IV (Contd.)

Key Financial Ratios of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Staff Cost as % of Total Cost		Fuel & Lubricant Cost as % of Total Cost		Tyres & Tubes Cost as % of Total Cost		Spares Cost as % of Total Cost	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	15	16	17	18	19	20	21	22
1	Ahmedabad MTC	45.92	46.34	7.39	9.80	0.58	0.73	1.70	1.45
2	Andhra Pradesh SRTC	46.46	40.53	24.22	29.27	1.63	1.88	2.49	2.95
3	Andaman & Nicobar ST	44.37	35.72	30.47	33.29	2.27	2.87	2.94	4.87
4	Arunachal Pradesh ST	...	...	...	...	...	...	...	...
5	Assam STC	48.35	40.82	23.85	24.36	1.11	1.71	1.15	2.07
6	BEST Undertaking	67.14	66.83	15.70	18.08	0.71	0.81	2.96	3.05
7	Bangalore Metropolitan TC	49.95	43.84	27.69	33.20	1.42	1.35	3.38	2.71
8	Bihar SRTC	9.72	8.77	7.30	6.79	0.85	1.18	1.16	0.75
9	Calcutta STC	45.22	42.80	12.26	26.20	0.47	0.22	0.44	0.52
10	Chandigarh TU	42.35	48.17	23.05	28.59	1.04	1.38	4.90	4.93
11	Delhi TC	25.87	26.06	7.16	9.12	0.03	0.05	0.19	0.26
12	Gujarat SRTC	40.01	36.32	34.62	39.24	2.07	2.39	1.40	1.08
13	Haryana ST	48.68	45.98	24.85	29.38	1.60	1.60	2.47	2.21
14	Himachal RTC	45.18	43.83	25.60	28.70	2.89	2.92	3.46	3.24
15	J&K SRTC	60.09	58.36	23.01	24.67	1.84	1.75	2.28	2.05
16	Kadamba TC Ltd.	59.52	54.60	22.34	27.10	1.78	1.94	2.27	2.00
17	Karnataka SRTC	42.04	35.07	32.63	39.14	2.22	2.61	3.23	3.08
18	Kerala SRTC	42.63	44.82	31.45	31.83	1.00	1.04	3.33	2.53
19	Maharashtra SRTC(P)	42.26	38.76	30.81	34.32	1.94	2.43	1.44	1.22
20	Meghalaya STC	58.98	56.47	19.03	21.05	1.31	1.75	2.28	1.98
21	Metro TC (Chennai) Limited	61.59	52.40	21.65	27.66	1.57	1.65	1.66	3.40
22	Mizoram ST	91.47	91.12	5.55	5.41	0.99	1.01	1.99	2.47
23	Nagaland ST	64.10	66.66	13.85	14.77	5.71	3.77	3.53	5.00
24	Navi Mumbai MT	45.30	44.44	31.04	32.37	1.33	0.97	2.39	2.19
25	North Bengal STC	54.33	57.40	27.85	26.70	1.72	1.39	2.80	1.93
26	North Eastern Karnataka RTC	48.40	39.71	31.36	37.51	2.74	3.04	2.01	1.97
27	North Western Karnataka RTC	40.78	37.31	32.01	37.58	2.01	2.32	2.08	1.99
28	Odisha SRTC	27.06	23.77	45.20	49.00	4.72	4.39	4.82	3.80
29	Pepsu RTC	53.35	50.75	25.64	28.64	1.07	1.02	0.86	1.15
30	Pune Mahamandal	52.65	50.21	9.34	11.75	0.76	0.67	2.11	1.27
31	PUNBUS	28.38	25.78	37.33	43.58	1.49	2.61	2.17	1.17
32	State Transport Punjab	68.81	74.33	20.13	13.60	1.26	0.94	**	**
33	Rajasthan SRTC	50.94	46.25	24.97	30.40	1.92	2.30	1.42	1.25
34	Sikkim NT	77.94	82.44	17.66	14.34	0.94	0.78	3.07	2.41
35	Solapur MT	32.08	45.92	18.32	17.29	2.29	1.66	0.00	0.00
36	South Bengal STC	38.46	40.01	27.88	28.80	2.31	1.62	2.92	2.78
37	State Exp.TC TN Ltd.	37.52	33.99	27.62	29.89	1.52	1.68	1.84	1.62
38	Telangana SRTC	50.00	40.59	21.93	30.05	1.51	1.85	1.33	1.30
39	Thane MT	69.78	57.45	22.24	24.12	1.45	0.70	4.64	5.41
40	TN STC (Coimbatore) Ltd.	46.95	42.37	28.48	31.67	1.15	1.20	2.87	2.71
41	TN STC (Kumbakonam) Ltd.	54.20	47.54	28.73	33.00	2.13	2.13	1.87	1.36
42	TN STC (Madurai) Ltd.	52.81	46.62	28.83	31.48	1.90	1.85	1.47	1.31
43	TN STC (Salem) Ltd.	49.69	44.39	30.83	37.13	1.16	1.37	1.88	1.82
44	TN STC (Villupuram) Ltd.	50.22	44.33	30.51	33.97	1.98	1.91	2.09	1.95
45	Tripura RTC	85.65	83.53	5.39	6.28	0.78	1.12	1.67	1.98
46	Uttar Pradesh SRTC (P)	37.70	33.13	26.47	30.98	1.82	2.05	2.62	2.57
47	Uttarakhand TC	34.74	33.72	30.81	35.92	2.31	2.55	2.18	1.94

…: Not reported

Source: As reported by the respective SRTUs

Annexure IV (Contd.)

Key Financial Ratios of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Interest Cost as % of Total Cost		Depreciation Cost as % of Total Cost		Payments to Hired Buses as % of Total Cost		Tax Cost as % of Total Cost		Other Costs as % of Total Cost	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	23	24	25	26	27	28	29	30	31	32
1	Ahmedabad MTC	1.77	1.90	0.00	0.00	22.00	14.98	2.10	0.34	22.65	24.46
2	Andhra Pradesh SRTC	3.49	3.65	3.24	4.15	8.57	8.54	2.73	1.85	1.48	1.85
3	Andaman & Nicobar ST	10.24	11.27	6.78	8.94	0.00	0.00	0.00	0.00	0.00	0.00
4	Arunachal Pradesh ST	...	...	...	...	...	...	...	...	...	...
5	Assam STC	6.40	9.45	16.02	14.84	0.00	0.00	2.85	6.61	7.32	6.61
6	BEST Undertaking	3.98	4.18	1.42	1.54	0.00	0.00	2.52	1.30	5.56	4.22
7	Bangalore Metropolitan TC	2.41	2.99	6.08	6.73	0.00	0.00	4.87	4.78	4.20	4.41
8	Bihar SRTC	76.58	79.14	0.00	0.00	0.00	0.00	0.77	0.19	3.63	3.18
9	Calcutta STC	0.00	0.00	5.77	11.89	0.00	0.00	0.00	0.00	35.84	18.38
10	Chandigarh TU	0.50	0.35	5.65	4.33	0.00	0.00	5.51	4.65	17.00	7.61
11	Delhi TC	57.48	54.95	2.96	3.31	0.20	0.01	0.33	0.35	5.78	5.88
12	Gujarat SRTC	3.60	3.02	5.97	5.64	0.47	0.48	7.69	8.71	4.17	3.13
13	Haryana ST	1.97	1.85	2.25	2.10	0.00	0.00	14.45	13.99	3.73	2.90
14	Himachal RTC	2.60	2.67	3.40	3.52	2.49	2.59	6.66	6.37	7.72	6.15
15	J&K SRTC	…	…	3.20	3.18	0.00	0.00	9.57	9.99	0.00	0.00
16	Kadamba TC Ltd.	2.88	3.34	5.66	4.91	1.03	0.94	1.43	1.47	3.08	3.71
17	Karnataka SRTC	1.03	1.16	7.13	7.69	0.00	0.00	4.93	4.86	6.79	6.38
18	Kerala SRTC	7.90	8.73	2.77	2.79	0.00	0.00	2.78	3.20	8.16	5.06
19	Maharashtra SRTC(P)	0.02	0.02	4.72	4.72	0.25	0.38	13.85	13.66	4.70	4.48
20	Meghalaya STC	...	...	4.75	5.03	0.00	0.00	0.28	0.63	13.38	13.09
21	Metro TC (Chennai) Limited	4.41	1.65	1.57	2.31	0.00	0.00	0.75	0.90	4.86	6.98
22	Mizoram ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Nagaland ST	...	...	5.16	6.24	0.00	0.00	0.89	0.77	6.75	2.79
24	Navi Mumbai MT	0.65	0.77	6.20	6.46	0.00	0.00	2.30	2.00	10.80	10.79
25	North Bengal STC	5.72	6.58	2.32	2.70	0.00	0.00	1.01	0.00	4.25	3.29
26	North Eastern Karnataka RTC	0.77	1.83	5.15	5.35	0.00	0.00	4.53	4.59	5.05	6.00
27	North Western Karnataka RTC	1.63	2.09	7.58	7.15	0.00	0.00	4.19	4.19	9.73	7.37
28	Odisha SRTC	1.32	1.31	8.56	8.90	0.00	0.00	6.14	5.73	2.19	3.09
29	Pepsu RTC	2.60	2.71	1.90	1.98	5.37	5.51	9.20	8.23	0.00	0.00
30	Pune Mahamandal	0.39	0.48	3.08	4.04	21.28	23.19	0.63	0.16	9.76	8.23
31	PUNBUS	0.57	0.45	5.05	3.70	3.55	2.28	16.89	17.02	4.57	3.40
32	State Transport Punjab	0.40	1.01	0.06	0.17	0.83	1.15	8.13	5.81	0.38	2.99
33	Rajasthan SRTC	4.06	4.01	3.03	2.88	2.17	1.21	9.78	8.89	1.72	2.81
34	Sikkim NT	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.01	0.02	0.02
35	Solapur MT	1.43	2.60	0.00	0.00	0.00	0.00	0.97	1.39	44.91	31.13
36	South Bengal STC	13.23	12.29	5.20	5.52	0.00	0.00	3.71	2.60	6.30	6.39
37	State Exp.TC TN Ltd.	9.71	8.23	4.47	3.61	0.00	0.00	7.27	6.23	10.05	14.75
38	Telangana SRTC	2.71	3.53	2.58	3.75	8.47	7.33	5.19	6.72	6.28	4.87
39	Thane MT	0.00	0.00	0.00	4.21	0.00	0.67	0.41	3.93	1.47	3.51
40	TN STC (Coimbatore) Ltd.	5.44	4.90	1.99	2.54	0.00	0.00	2.74	2.54	10.39	12.07
41	TN STC (Kumbakonam) Ltd.	3.91	3.35	2.10	2.79	0.00	0.00	3.32	3.34	3.74	6.49
42	TN STC (Madurai) Ltd.	4.05	3.17	2.59	2.66	0.00	0.00	2.82	2.64	5.52	10.27
43	TN STC (Salem) Ltd.	4.16	4.13	1.67	2.33	0.00	0.00	4.37	4.31	6.24	4.53
44	TN STC (Villupuram) Ltd.	3.56	2.57	2.29	3.23	0.00	0.00	2.27	2.18	7.08	9.87
45	Tripura RTC	0.00	0.00	1.29	1.81	0.18	0.25	0.41	0.11	4.63	4.92
46	Uttar Pradesh SRTC (P)	0.56	0.91	4.12	4.46	14.31	14.04	10.83	10.78	1.57	1.07
47	Uttarakhand TC	0.00	0.00	4.03	3.94	9.54	8.90	5.87	6.35	10.53	6.68

…: Not reported

Source: As reported by the respective SRTUs

Annexure IV (Contd.)

Key Financial Ratios of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Staff Cost per Revenue Earning Km(Rs./Rev. Earning Kms)		Fuel & Lubricant Cost per Revenue Earning Km(Rs./Rev. Earning Kms)		Tyres & Tubes Cost per Revenue Earning Km(Rs./Rev. Earning Kms)		Spares Cost per Revenue Earning Km(Rs./Rev. Earning Kms)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	33	34	35	36	37	38	39	40
1	Ahmedabad MTC	32.19	32.84	5.18	6.94	0.40	0.51	1.19	1.03
2	Andhra Pradesh SRTC	15.93	10.96	8.30	7.91	0.56	0.51	0.85	0.80
3	Andaman & Nicobar ST	24.95	16.94	17.13	15.79	1.28	1.36	1.66	2.31
4	Arunachal Pradesh ST	...	...	...	...	...	...	...	...
5	Assam STC	26.60	25.92	13.12	15.47	0.61	1.09	0.63	1.32
6	BEST Undertaking	72.06	64.90	16.85	17.55	0.76	0.79	3.18	2.96
7	Bangalore Metropolitan TC	32.61	21.62	18.07	16.37	0.93	0.67	2.21	1.34
8	Bihar SRTC	14.66	15.53	11.01	12.02	1.28	2.10	1.76	1.33
9	Calcutta STC	87.09	65.47	23.62	40.09	0.90	0.33	0.84	0.79
10	Chandigarh TU	22.00	25.92	11.98	15.39	0.54	0.74	2.55	2.65
11	Delhi TC	55.16	46.31	15.26	16.20	0.06	0.10	0.41	0.46
12	Gujarat SRTC	10.56	10.31	9.14	11.13	0.55	0.68	0.37	0.31
13	Haryana ST	20.17	18.67	10.29	11.93	0.66	0.65	1.03	0.90
14	Himachal RTC	23.10	23.21	13.09	15.20	1.48	1.54	1.77	1.72
15	J&K SRTC	31.52	29.56	12.07	12.50	0.97	0.89	1.20	1.04
16	Kadamba TC Ltd.	31.43	28.61	11.80	14.20	0.94	1.02	1.20	1.05
17	Karnataka SRTC	13.57	11.53	10.54	12.86	0.72	0.86	1.04	1.01
18	Kerala SRTC	22.55	22.25	16.64	15.80	0.53	0.52	1.76	1.26
19	Maharashtra SRTC(P)	15.04	14.69	10.97	13.00	0.69	0.92	0.51	0.46
20	Meghalaya STC	35.58	34.04	11.48	12.69	0.79	1.05	1.38	1.19
21	Metro TC (Chennai) Limited	31.44	25.70	11.05	13.56	0.80	0.85	1.62	1.67
22	Mizoram ST	325.28	216.73	19.74	12.87	3.51	2.39	7.08	5.87
23	Nagaland ST	62.75	60.83	13.56	13.48	5.59	3.44	3.46	4.57
24	Navi Mumbai MT	26.32	26.65	18.04	19.41	0.77	0.58	1.39	1.31
25	North Bengal STC	25.57	33.93	13.11	15.78	0.81	0.82	1.32	1.14
26	North Eastern Karnataka RTC	15.33	12.86	9.93	12.15	0.87	0.98	0.64	0.64
27	North Western Karnataka RTC	12.38	11.59	9.72	11.68	0.61	0.72	0.63	0.62
28	Odisha SRTC	6.89	6.43	11.52	13.26	1.20	1.19	1.23	1.03
29	Pepsu RTC	20.22	20.97	9.72	11.83	0.41	0.42	0.32	0.48
30	Pune Mahamandal	42.65	38.31	7.57	8.96	0.62	0.51	**	**
31	PUNBUS	8.66	8.25	11.39	13.96	0.46	0.84	0.66	0.38
32	State Transport Punjab	41.80	69.77	12.23	12.77	0.76	0.88	**	**
33	Rajasthan SRTC	19.17	17.67	9.40	11.62	0.72	0.88	0.53	0.48
34	Sikkim NT	187.33	202.33	42.45	35.20	2.26	1.91	7.38	5.91
35	Solapur MT	31.23	40.55	17.84	15.26	2.23	1.47	0.00	0.00
36	South Bengal STC	18.18	23.19	13.18	16.69	1.09	0.94	1.38	1.61
37	State Exp.TC TN Ltd.	12.71	12.98	9.36	11.41	0.52	0.64	0.62	0.62
38	Telangana SRTC	19.37	14.32	8.50	10.60	0.58	0.65	0.52	0.46
39	Thane MT	52.67	58.69	16.79	24.64	1.10	0.71	3.50	5.53
40	TN STC (Coimbatore) Ltd.	15.52	15.23	9.42	11.38	0.38	0.43	0.95	0.97
41	TN STC (Kumbakonam) Ltd.	16.69	15.42	8.85	10.71	0.66	0.69	0.58	0.44
42	TN STC (Madurai) Ltd.	16.96	16.63	9.26	11.23	0.61	0.66	0.47	0.47
43	TN STC (Salem) Ltd.	14.31	12.93	8.88	10.82	0.33	0.40	0.54	0.53
44	TN STC (Villupuram) Ltd.	14.41	13.93	8.75	10.68	0.57	0.60	0.60	0.61
45	Tripura RTC	1,263.98	1,055.38	79.59	79.38	11.53	14.18	24.67	25.02
46	Uttar Pradesh SRTC (P)	10.74	9.37	7.54	8.76	0.52	0.58	0.75	0.73
47	Uttarakhand TC	11.80	10.90	10.46	11.61	0.78	0.82	0.74	0.63

...: Not reported
Source: As reported by the respective SRTUs

Annexure IV (concld.)

Key Financial Ratios of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Interest Cost per Revenue Earning Km(Rs./Rev. Earning Kms)		Depreciation Cost per Revenue Earning Km(Rs./Rev. Earning Kms)		Payments to Hired Buses per Revenue Earning Km ((Rs./Rev. Earning Kms)		Tax Cost per Revenue Earning Km(Rs./Rev. Earning Kms)		Other Costs per Revenue Earning Km(Rs./Rev. Earning Kms)	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	41	42	43	44	45	46	47	48	49	50
1	Ahmedabad MTC	1.24	1.34	0.00	0.00	15.42	10.62	1.47	0.24	13.00	17.33
2	Andhra Pradesh SRTC	1.19	0.99	1.11	1.12	2.94	2.31	2.46	1.94	0.94	0.50
3	Andaman & Nicobar ST	5.76	5.34	3.81	4.24	0.00	0.00	1.64	1.45	0.00	0.00
4	Arunachal Pradesh ST	...	...	...	...	...	...	...	...	...	...
5	Assam STC	3.52	6.00	8.81	9.42	0.00	0.00	0.14	0.09	1.57	4.19
6	BEST Undertaking	4.27	4.06	1.53	1.49	0.00	0.00	2.71	1.26	5.97	4.09
7	Bangalore Metropolitan TC	1.57	1.47	3.97	3.32	0.00	0.00	3.18	2.36	2.74	2.17
8	Bihar SRTC	…	…	…	…	0.00	0.00	1.16	0.34	5.48	5.63
9	Calcutta STC	…	…	11.11	18.18	0.00	0.00	0.00	0.00	69.02	28.11
10	Chandigarh TU	0.26	0.19	2.94	2.33	0.00	0.00	2.87	2.50	8.83	4.09
11	Delhi TC	122.58	97.63	6.31	5.89	0.44	0.02	0.71	0.63	12.33	10.46
12	Gujarat SRTC	0.95	0.86	1.58	1.60	0.12	0.14	2.03	2.47	1.10	0.89
13	Haryana ST	0.82	0.75	0.93	0.85	0.00	0.00	5.99	5.68	1.55	1.18
14	Himachal RTC	1.33	1.41	1.74	1.86	1.27	1.37	3.41	3.37	3.95	3.26
15	J&K SRTC	0.00	0.00	1.68	1.61	0.00	0.00	5.02	5.06	0.00	0.00
16	Kadamba TC Ltd.	1.52	1.75	2.99	2.57	0.54	0.49	0.75	0.77	1.63	1.94
17	Karnataka SRTC	0.33	0.38	2.30	2.53	0.00	0.00	1.59	1.60	2.19	2.10
18	Kerala SRTC	4.18	4.33	1.46	1.38	0.00	0.00	1.47	1.59	4.32	2.51
19	Maharashtra SRTC(P)	0.01	0.01	1.68	1.79	0.09	0.15	4.93	5.18	1.67	1.70
20	Meghalaya STC	...	...	2.86	3.03	0.00	0.00	0.17	0.38	8.07	7.89
21	Metro TC (Chennai) Limited	2.25	0.81	0.80	1.13	0.00	0.00	0.38	0.44	2.48	3.42
22	Mizoram ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Nagaland ST	...	...	5.05	5.69	0.00	0.00	0.87	0.70	6.61	2.55
24	Navi Mumbai MT	0.38	0.46	3.60	3.88	0.00	0.00	1.34	1.20	6.27	6.47
25	North Bengal STC	2.69	3.89	1.09	1.60	0.00	0.00	0.48	0.00	2.00	1.95
26	North Eastern Karnataka RTC	0.24	0.59	1.63	1.73	0.00	0.00	1.44	1.49	1.60	1.95
27	North Western Karnataka RTC	0.49	0.65	2.30	2.22	0.00	0.00	1.27	1.30	2.95	2.29
28	Odisha SRTC	0.34	0.35	2.18	2.41	0.00	0.00	1.57	1.55	0.56	0.84
29	Pepsu RTC	0.98	1.12	0.72	0.82	2.04	2.28	3.49	3.40	0.00	0.00
30	Pune Mahamandal	0.32	0.37	2.49	3.08	17.24	17.70	0.51	0.12	7.91	6.28
31	PUNBUS	0.17	0.14	1.54	1.19	1.08	0.73	5.15	5.45	1.39	1.09
32	State Transport Punjab	0.24	0.95	0.04	0.16	0.50	1.08	4.94	5.45	0.23	2.81
33	Rajasthan SRTC	1.53	1.53	1.14	1.10	0.82	0.46	3.68	3.40	0.65	1.07
34	Sikkim NT	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.03	0.04	0.04
35	Solapur MT	1.39	2.29	0.00	0.00	0.00	0.00	0.94	1.23	43.72	27.49
36	South Bengal STC	6.25	7.12	2.46	3.20	0.00	0.00	1.75	1.50	2.98	3.70
37	State Exp.TC TN Ltd.	3.29	3.14	1.51	1.38	0.00	0.00	2.46	2.38	3.41	5.63
38	Telangana SRTC	1.05	1.24	1.00	1.32	3.28	2.59	2.01	2.37	2.43	1.72
39	Thane MT	0.00	0.00	0.00	4.30	0.00	0.68	0.31	4.02	1.11	3.58
40	TN STC (Coimbatore) Ltd.	1.80	1.76	0.66	0.91	0.00	0.00	0.91	0.91	3.43	4.34
41	TN STC (Kumbakonam) Ltd.	1.20	1.09	0.65	0.91	0.00	0.00	1.02	1.08	1.15	2.10
42	TN STC (Madurai) Ltd.	1.30	1.13	0.83	0.95	0.00	0.00	0.90	0.94	1.77	3.66
43	TN STC (Salem) Ltd.	1.20	1.20	0.48	0.68	0.00	0.00	1.26	1.26	1.80	1.32
44	TN STC (Villupuram) Ltd.	1.02	0.81	0.66	1.02	0.00	0.00	0.65	0.69	2.03	3.10
45	Tripura RTC	0.00	0.00	18.96	22.92	2.63	3.10	6.05	1.37	68.28	62.15
46	Uttar Pradesh SRTC (P)	0.16	0.26	1.17	1.26	4.08	3.97	3.08	3.05	0.45	0.30
47	Uttarakhand TC	0.00	0.00	1.37	1.27	3.24	2.88	1.99	2.05	3.58	2.16

…: Not reported
Source: As reported by the respective SRTUs

Annexure V

Road accidents and accident rate of SRTUs for the years ending March 2015 and March 2016

S. No.	Name of State Road Transport Undertaking (SRTU)	Number of Accidents		Number of Fatal Accidents		Effective Kilometres (Revenue Earning Kilometers) (in Lakh)		Number of Accidents per lakh Effective Kilometres		Number of Fatal Accidents per lakh Effective Kilometers	
		2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15	2015- 16	2014-15
1	2	3	4	5	6	7	8	9	10	11	12
1	Ahmedabad MTC	715	435	19	14	580.31	531.80	1.23	0.82	0.03	0.03
2	Andhra Pradesh SRTC	1,108	1,320	409	467	16,237.56	16,457.73	0.07	0.08	0.03	0.03
3	Andaman & Nicobar ST	3	7	1	1	105.80	104.70	0.03	0.07	0.01	0.01
4	Arunachal Pradesh ST	2	1	0	0	72.00	79.00	0.03	0.01	0.00	0.00
5	Assam STC	31	50	6	5	300.69	288.80	0.10	0.17	0.02	0.02
6	BEST Undertaking	465	511	29	24	2,343.99	2,438.26	0.20	0.21	0.01	0.01
7	Bangalore Metropolitan TC	252	388	46	71	3,360.79	4,708.55	0.07	0.08	0.01	0.02
8	Bihar SRTC	4	1	0	0	74.48	62.58	0.05	0.02	0.00	0.00
9	Calcutta STC	176	308	5	13	207.66	282.63	0.85	1.09	0.02	0.05
10	Chandigarh TU	154	111	6	4	394.87	335.68	0.39	0.33	0.02	0.01
11	Delhi TC	155	178	32	38	2,673.50	2,870.98	0.06	0.06	0.01	0.01
12	Gujarat SRTC	569	642	164	160	10,665.37	10,557.66	0.05	0.06	0.02	0.02
13	Haryana ST	263	259	123	125	4,589.28	4,669.02	0.06	0.06	0.03	0.03
14	Himachal RTC	109	98	35	81	1,816.93	1,745.20	0.06	0.06	0.02	0.05
15	J&K SRTC	19	27	2	4	172.01	178.99	0.11	0.15	0.01	0.02
16	Kadamba TC Ltd.	70	75	4	8	309.37	307.25	0.23	0.24	0.01	0.03
17	Karnataka SRTC	1,100	1,207	271	272	9,683.57	9,880.66	0.11	0.12	0.03	0.03
18	Kerala SRTC	1,421	1,077	193	159	5,489.00	5,537.00	0.26	0.19	0.04	0.03
19	Maharashtra SRTC(P)	2,920	3,172	369	418	21,066.38	20,848.56	0.14	0.15	0.02	0.02
20	Meghalaya STC	0	0	0	0	26.22	22.58	0.00	0.00	0.00	0.00
21	Metro TC (Chennai) Limited	1,551	1,611	114	107	3,535.23	3,514.68	0.44	0.46	0.03	0.03
22	Mizoram ST	0	0	0	0	6.08	10.02	0.00	0.00	0.00	0.00
23	Nagaland ST	0	0	0	0	60.84	60.10	0.00	0.00	0.00	0.00
24	Navi Mumbai MT	151	141	5	2	264.07	245.53	0.57	0.57	0.02	0.01
25	North Bengal STC	113	62	33	15	558.96	378.08	0.20	0.16	0.06	0.04
26	North Eastern Karnataka RTC	404	446	118	127	4,809.32	4,548.44	0.08	0.10	0.02	0.03
27	North Western Karnataka RTC	499	539	142	138	5,838.63	5,733.85	0.09	0.09	0.02	0.02
28	Odisha SRTC	27	30	6	7	330.13	313.02	0.08	0.10	0.02	0.02
29	Pepsu RTC	18	17	...	...	1,178.35	1,026.40	0.02	0.02	...	...
30	Pune Mahamandal	50	35	12	12	1,146.16	1,146.72	0.04	0.03	0.01	0.01
31	PUNBUS	94	50		16	1,408.74	1,327.34	0.07	0.04	0.00	0.01
32	State Transport Punjab	1	0	0	0	339.67	295.73	0.00	0.00	0.00	0.00
33	Rajasthan SRTC	322	365	129	144	5,902.37	6,262.23	0.05	0.06	0.02	0.02
34	Sikkim NT	0	0	0	0	18.98	16.76	0.00	0.00	0.00	0.00
35	Solapur MT	88	39	5	0	42.63	29.40	2.06	1.33	0.12	0.00
36	South Bengal STC	61	38	15	5	447.51	358.07	0.14	0.11	0.03	0.01
37	State Exp.TC TN Ltd.	335	354	77	70	2,335.03	2,226.15	0.14	0.16	0.03	0.03
38	Telangana SRTC	827	968	348	380	12,381.39	12,449.42	0.07	0.08	0.03	0.03
39	Thane MT	59	75	3	4	130.94	125.77	0.45	0.60	0.02	0.03
40	TN STC (Coimbatore) Ltd.	983	743	177	161	4,867.88	4,588.33	0.20	0.16	0.04	0.04
41	TN STC (Kumbakonam) Ltd.	982	955	240	250	6,378.58	6,143.74	0.15	0.16	0.04	0.04
42	TN STC (Madurai) Ltd.	551	562	152	144	4,009.25	3,829.96	0.14	0.15	0.04	0.04
43	TN STC (Salem) Ltd.	304	271	162	132	3,944.63	3,712.74	0.08	0.07	0.04	0.04
44	TN STC (Villupuram) Ltd.	1,085	1,091	230	200	6,438.04	6,037.99	0.17	0.18	0.04	0.03
45	Tripura RTC	0	0	0	0	1.35	1.30	0.00	0.00	0.00	0.00
46	Uttar Pradesh SRTC (P)	630	719	339	315	11,849.91	11,565.39	0.05	0.06	0.03	0.03
47	Uttarakhand TC	97	98	29	36	1,382.00	1,448.90	0.07	0.07	0.02	0.02
	Total (Reporting SRTUs)	18,768	19,076	4,050	4,129	1,59,776	1,59,304				

…: Not reported

Source: As reported by the respective SRTUs

Annexure VI

Physical Performance of SRTUs At A Glance: 2011-12 to 2015-16

S. No.	Name of State Road Transport Undertaking (SRTU)	Average Fleet Held (Number)					Average Age of Fleet (Years)					Staff Strength (Number)				
		2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16
1	Ahmedabad MTS	985	1,120	1,036	946	993	…	6.7	6.3	4.98	3.17	4,715	5,739	5,293	5,503	5,498
2	Andhra Pradesh SRTC	22,170	22,477	11,857	12,079	12,012	4.8	...	...	5.68	6.16	1,23,615	1,22,287	63,141	61,806	57,902
3	Andaman & Nicobar ST	219	227	258	266	268	8.2	8.2	7.3	8.21	7.32	1,156	858	858	858	858
4	Arunachal Pradesh ST	631	207	219	173	164	5.0	8.0	9	...	...	2,579	809	809	808	808
5	Assam STC	...	...	...	815	1,090	...	...	...	3.53	4.40	...	...	...	3,148	3,987
6	BEST Undertaking	4,669	4,484	4,314	4,247	4,094	6.1	6.6	7.6	8.36	9.10	35,345	36,620	36,494	35,705	34,174
7	Bangalore Metropolitan TC	6,092	6,328	6,603	6,649	6,448	4.9	4.6	5.3	5.97	6.90	32,331	34,278	36,076	36,474	35,554
8	Bihar SRTC	414	414	414	223	223	9.8	10.8	11.8	11.85	12.85	1,516	1,204	920	749	625
9	Calcutta STC	839	779	718	813	782	4.7	5.4	5.7	3.61	3.4	5,813	5,485	5,059	4,998	4,799
10	Chandigarh TU	493	472	468	432	494	5.3	6.1	6.9	6.35	7.83	2,055	1,921	1,826	2,102	1,967
11	Delhi TC	6,077	5602	5341	4,977	4,564	4.8	5.0	6.3	6.70	7.10	40,721	38,103	35503	32,864	30,527
12	Gujarat SRTC	7,663	7,719	7,852	7,765	7,852	4.1	...	4.0	4.83	5.29	41,863	40,370	40,070	39,257	39,707
13	Haryana ST	3,755	3,755	3,816	4,083	4,170	7.0	3.1	...	3.36	4.07	16,610	18,974	18,634	18,259	17,646
14	Himachal RTC	2,024	2,076	2,059	2,447	2,645	…	...	8.0	...	...	8,492	8,419	8,777	8,018	8,355
15	J&K SRTC	710	704	694	610	610	9.4	9.0	10.3	10.41	10.00	2,193	2,207	2,035	1,720	1,989
16	Kadamba TC Ltd.	412	425	547	540	569	6.8	6.5	4.5	4.96	5.49	1,889	1,861	2,013	2,054	2,003
17	Karnataka SRTC	7,621	7,831	8,243	8,321	8,172	3.4	3.6	3.8	4.23	4.94	36,448	36,249	38,776	37,326	37,129
18	Kerala SRTC	5,742	5847	5830	5,691	5,636	6.5	6.5	6.7	6.97	6.39	39,911	39,712	42,431	40,812	42,240
19	Maharashtra SRTC	16,801	17,497	18055	17,957	18,514	4.0	3.1	4.0	4.58	4.83	1,04,566	1,00,052	107709	1,07,500	1,05,679
20	Meghalaya STC	50	52	65	63	59	9.0	9.0	8.0	5.62	6.78	307	288	276	286	270
21	Metro TC (Chennai) Limited	3,446	3,585	3,676	3,787	3,832	3.4	4.3	5.1	5.98	6.59	22,146	23,519	23,982	25,219	24,930
22	Mizoram ST	47	34	34	33	49	6.0	4.3	5.2	6.00	6.00	650	418	418	418	396
23	Nagaland ST	220	233	213	193	185	6.8	5.5	5.6	5.90	8.33	1,050	1,050	1,050	1,050	1,050
24	Navi Mumbai MT	336	336	356	360	375	4.8	5.9	5.3	4.97	4.47	2,747	2649	2218	2,491	2,569
25	North Bengal STC	704	720	688	661	779	8.1	7.4	8.4	6.15	6.53	3,690	3,410	3,111	2,370	2,172
26	North Eastern Karnataka RTC	3,992	4,058	4,247	4,320	4,447	4.7	5.1	5.3	5.68	6.12	18,714	18,455	19,128	18,412	20,341
27	North Western Karnataka RTC	4,184	4,523	4,615	4,738	4,736	5.0	...	5.2	5.67	6.55	21,009	22,262	22,508	23,573	23,586
28	Odisha SRTC	381	376	422	446	459	…	4.6	3.8	4.89	5.69	878	770	697	606	570
29	Pepsu RTC	…	981	989	907	1,006	…	8.0	10.5	8.00	8.00	…	4397	3,570	3,046	3,604
30	Pune Mahamandal	1,634	1,832	1,841	2,087	2,075	7.2	7.2	8.0	8.05	8.18	9,633	10,879	10,466	10,186	9,945
31	PUNBUS	...	1,201	1,212	1,242	1,258	...	7.0	7.0	7.00	7.00	...	2,500	2,500	2,837	3,500
32	State Transport Punjab	...	726	439	376	484	...	7.0	7.0	7.00	7.00	...	5,013	4,720	4,252	3,834
33	Rajasthan SRTC	4,383	4,480	4,674	4,704	4,529	4.4	4.1	3.7	4.18	5.03	21,053	19,822	21,384	20,551	19,163
34	Sikkim NT	...	95	97	85	126	...	7.0	6.7	10.00	8.00	...	870	774	774	723
35	Solapur MT	...	...	82	183	202	...	...	11.0	...	...	...	...	550	1,070	1,091
36	South Bengal STC	484	477	424	590	662	6.3	6.3	6.1	5.10	5.37	2,316	2,244	2,031	2,148	2,127
37	State Exp.TC TN Ltd.	959	1,042	1,108	1,104	1,169	4.0	3.0	3.1	4.08	4.06	6,146	7,002	7,060	6,997	6,811
38	Telangana SRTC	...	...	10,288	10,329	10,391	...	...	5.9	6.32	7.12	...	...	58,039	56,740	55,993
39	Thane MT	...	313	313	338	353	...	...	5.1	3.20	4.20	...	2,313	2,294	2,250	2,186
40	TN STC (Coimbatore) Ltd.	3,046	3,129	3,207	3,184	3,249	4.8	4.6	5.1	5.88	6.10	18,214	17,555	19,152	18,964	19,647
41	TN STC (Kumbakonam) Ltd.	3,614	3,678	3,760	3,783	3,820	4.4	4.7	5.1	5.77	6.28	22,314	22,106	23,329	23,198	23,613
42	TN STC (Madurai) Ltd.	2,480	2,409	2,509	2,516	2,540	3.7	4.3	4.8	5.52	5.76	14,141	14,735	14,813	14,850	15,061
43	TN STC (Salem) Ltd.	2,067	2,107	2,237	2,230	2,309	5.1	5.0	5.7	6.58	6.78	12,379	13,075	14,106	7,444	13,760
44	TN STC (Villupuram) Ltd.	3,325	3,400	3,469	3,528	3,590	4.9	4.7	4.9	5.65	6.20	21,226	22,629	22,821	22,573	22,417
45	Tripura RTC	62	63	47	48	48	4.8	5.9	6.2	7.00	8.00	517	480	467	396	353
46	Uttar Pradesh SRTC	8,746	8,893	9,600	9,415	9,577	…	...	...	4.38	5.10	28,170	27,172	26,665	24,913	23,055
47	Uttarakhand TC	...	1,215	1,225	1,147	1,246	...	4.0	4.5	6.00	6.00	...	7,588	7,804	4,260	4,111
	Total (Reporting SRTUs)	1,31,477	1,37,922	1,40,161	1,41,431	1,42,855						7,29,118	7,48,349	7,62,357	7,41,835	7,38,325

…: Not available

Source: As reported by the respective SRTUs

Annexure VI (concld.)

Physical Performance of SRTUs At A Glance: 2011-12 to 2015-16

S. No.	Name of State Road Transport Undertaking (SRTU)	Fuel Efficiency (Km/litre of HSD)					Passenger Kms Performed (Lakhs)					Passenger Carried (Lakhs)				
		2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16
1	Ahmedabad MTS	3.3	3.2	3.07	3.21	3.26	21,288	19,023	15,352	15,852	17,902	2,935	2,396	2,023	2,024	2,275
2	Andhra Pradesh SRTC	5.1	5.2	5.21	5.23	5.19	10,01,924	10,17,168	4,46,812	5,48,032	5,16,979	50,014	51,673	16,359	23,192	22,977
3	Andaman & Nicobar ST	...	3.5	3.79	3.77	3.72	…	90	100	105	106	117	133	102	101	115
4	Arunachal Pradesh ST	3.8	3.3	3.33	2.48	2.56	...	78	83	79	72	45	0.3	...	18	13
5	Assam STC	...	...	...	3.65	3.79	...	...	...	7,065	7,438	...	...	...	149	208
6	BEST Undertaking	2.9	2.9	2.84(2.64)	2.84	2.84	1,23,353	1,14,458	98,432	90,716	73,490	14,395	14,096	13,068	12,216	10,611
7	Bangalore Metropolitan TC	4.0	3.8	3.82	3.79	3.76	2,32,759	2,14,586	1,98,797	2,17,254	1,56,478	15,920	17,112	18,342	19,367	14,430
8	Bihar SRTC	4.3	4.3	4.31	4.29	4.27	4,075	3,575	2,678	2,673	3,146	53	53	26	25	27
9	Calcutta STC	3.0	3.0	2.96	2.11	2.60	11,996	12,175	10,120	7,653	6,306	1,164	1,077	865	869	616
10	Chandigarh TU	3.8	3.6	3.42	3.50	3.71	19,614	17,165	15,419	15,441	15,795	794	672	612	478	539
11	Delhi TC	2.5	2.8	(2.79)	(2.30)*	(2.26)*	90,237	1,80,220	1,55,143	1,10,187	1,05,794	16,177	17,072	15,868	14,187	12,944
12	Gujarat SRTC	5.5	5.5	5.50	5.48	5.48	3,51,240	3,51,521	3,36,104	3,33,368	3,26,306	8,559	8,411	8,050	7,735	7,613
13	Haryana ST	4.8	4.8	4.73	4.75	4.74	1,39,868	1,64,849	1,51,371	1,69,225	1,72,764	4,028	4,527	4,466	4,683	4,554
14	Himachal RTC	3.6	3.6	3.58	3.61	3.67	71,619	72,111	1,691	...	...	40,413	...	...	...	...
15	J&K SRTC	4.2	4.2	4.28	4.23	4.34	…	6,929	6,436	179	173	57	51	52	46	46
16	Kadamba TC Ltd.	4.4	4.5	4.34	4.35	4.24	1,150	7,902	8,663	9,468	9,799	306	301	317	344	356
17	Karnataka SRTC	4.9	4.8	4.76	4.82	4.83	3,51,240	3,68,679	3,54,625	3,54,490	3,43,937	8,867	9,391	9,662	10,349	10,104
18	Kerala SRTC	4.2	4.3	4.21	4.19	4.15	6,558	...	...	5,537	5,489	12,579	12,156	11,634	11,059	10,437
19	Maharashtra SRTC	4.9	4.9	4.77	4.76	4.76	5,56,295	5,36,151	5,25,761	6,49,286	6,39,059	26,004	26,064	25,630	24,557	24,561
20	Meghalaya STC	4.5	3.6	4.57	4.45	4.80	352	275	394	399	459	4	3	4	4	4
21	Metro TC (Chennai) Limited	4.4	4.3	4.33	4.35	4.36	2,13,249	1,87,962	1,92,169	1,89,963	1,90,868	19,769	17,544	18,068	18,120	17,815
22	Mizoram ST	3.5	3.2	3.00	3.20	3.30	176	...	174	229	183	1	1	0	0	0
23	Nagaland ST	3.7	3.8	3.78	3.90	3.50	2,560	...	1,232	1,388	1,435	18	15	15	16	12
24	Navi Mumbai MT	3.0	3.0	2.99	3.13	2.92	…	...	232	246	264	856	858	746	801	844
25	North Bengal STC	4.1	4.0	3.94	4.09	4.10	13,427	15,614	14,560	13,800	18,267	589	672	645	764	1,125
26	North Eastern Karnataka RTC	5.3	5.2	5.14	5.15	5.15	1,53,477	1,54,908	1,53,732	1,53,146	1,58,481	4,745	4,836	4,873	4,891	4,923
27	North Western Karnataka RTC	5.1	5.1	5.10	5.17	5.18	1,51,141	1,71,826	1,72,959	1,79,303	1,78,564	7,686	8,213	8,213	8,304	8,272
28	Odisha SRTC	4.6	4.6	4.66	4.69	4.70	11,161	...	15,990	19,949	15,122	57	57	55	64	70
29	Pepsu RTC	…	4.4	4.45	4.44	4.74	...	1,090	1,074	...	...	...	...	...	...	...
30	Pune Mahamandal	3.3	3.3	3.21 (3.45)	3.22	3.26	38,690	43,985	47,931	49,400	49,498	4,497	4,352	4,249	4,444	4,115
31	PUNBUS	...	3.3	4.50	4.54	4.63	...	45,132	1,263	1,327	1,409	...	1,252	725	919	1,664
32	State Transport Punjab	...	4.5	4.50	4.55	4.52	...	16,750	329	296	340	...	372	227	104	84
33	Rajasthan SRTC	5.0	4.9	4.93	5.01	5.00	3,03,312	2,11,371	2,22,145	2,23,386	2,18,069	3,308	3,129	3,466	3,582	3,388
34	Sikkim NT	...	4.3	3.30	3.30	3.30	...	441	375	460	417	...	13	13	13	14
35	Solapur MT	...	...	3.50	...	...	...	...	55	16	23	...	...	164	48	73
36	South Bengal STC	4.1	4.1	4.10	4.12	4.16	14,875	16,040	16,734	11,783	16,585	944	948	957	49	63
37	State Exp.TC TN Ltd.	5.1	5.1	5.08	5.16	5.19	61,070	67,143	75,716	77,552	78,728	235	242	...	271	269
38	Telangana SRTC	...	...	5.09	5.12	5.10	...	...	4,35,830	4,36,291	4,35,518	...	...	32,175	33,391	32,936
39	Thane MT	...	2.4	2.09	2.80	2.75	...	...	...	4,403	4,781	...	878	734	626	575
40	TN STC (Coimbatore) Ltd.	5.1	5.2	5.17	5.19	5.16	2,33,316	2,23,705	2,27,784	2,28,832	2,36,591	9,963	9,142	9,023	9,015	9,323
41	TN STC (Kumbakonam) Ltd.	5.5	5.6	5.59	5.63	5.62	2,96,609	2,64,658	2,68,500	3,33,661	3,43,024	11,528	10,617	10,750	14,272	14,414
42	TN STC (Madurai) Ltd.	5.4	5.4	5.37	5.40	5.38	2,22,214	1,88,091	1,90,221	1,87,391	1,92,065	7,696	6,797	6,713	6,564	6,407
43	TN STC (Salem) Ltd.	5.4	5.4	5.47	5.53	5.55	1,69,389	1,67,153	1,62,010	1,53,058	1,56,567	6,941	5,880	5,654	5,582	5,533
44	TN STC (Villupuram) Ltd.	5.5	5.6	5.56	5.59	5.59	3,09,167	2,80,069	2,84,793	2,93,360	2,98,710	9,718	8,568	8,498	8,450	8,420
45	Tripura RTC	4.1	5.0	5.02	5.10	5.25	464	393	353	1	1	9	9	7	2	2
46	Uttar Pradesh SRTC	5.2	5.2	5.16	5.18	5.23	3,72,918	3,84,369	2,64,049	2,83,054	4,07,174	4,911	5,265	5,356	5,440	5,560
47	Uttarakhand TC	...	4.7	4.66	4.64	4.63	...	1,298	1,377	...	...	...	359	351	375	369
	Total (Reporting SRTUs)						55,50,784	55,28,951	50,79,567	53,79,304	54,04,176	2,95,901	2,55,205	2,48,756	2,57,509	2,48,698

*: Fuel Efficiency figures in parenthesis are Kilometere per KG of CNG

…: Not available

Source: As reported by the respective SRTUs

Annexure VII

Financial Performance of SRTUs At A Glance: 2011-12 to 2015-16

S. No.	Name of State Road Transport Undertaking (SRTU)	Total Revenue (Rs. Lakh)					Total Cost (Rs. Lakh)					Net Profit/Loss (Rs. Lakh)				
		2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16
1	Ahmedabad MTS	11,962	14,374	15,375	13,029	13040	26,054	31,591	35,634	37685	40691	-14,093	-17,217	-20,259	-24,656	-27,651
2	Andhra Pradesh SRTC	6,67,740	6,66,152	7,44,066	4,00,801	501620	7,26,271	6,69,865	8,34,334	444857	556522	-58,531	-3,713	-90,268	-44,056	-54,903
3	Andaman & Nicobar ST	1,294	1,672	1,887	1,474	1746	7,194	4,299	4,769	4965	5948	-5,900	-2,628	-2,883	-3,492	-4,202
4	Arunachal Pradesh ST	...	15	16	39	43	...	53	55	...	...	...	-38	-39	...	...
5	Assam STC	...	...	...	13,659	12380	...	...	...	18,338	16539	...	...	...	-4,678	-4,159
6	BEST Undertaking	1,31,544	1,42,568	1,43,510	1,50,966	145378	1,68,347	2,05,612	2,18,435	236767	251570	-36,802	-63,043	-74,925	-85,802	-1,06,192
7	Bangalore Metropolitan TC	1,50,308	1,66,046	2,01,394	2,25,684	220748	1,48,166	1,80,841	2,16,153	232175	219376	2,142	-14,795	-14,759	-6,490	1,373
8	Bihar SRTC	2,316	2,053	1,631	2,161	2487	4,098	3,063	2,576	11082	11237	-1,782	-1,009	-945	-8,921	-8,750
9	Calcutta STC	6,163	7,044	6,198	35,809	27375	23,389	21,854	23,053	43236	39992	-17,226	-14,810	-16,855	-7,427	-12,616
10	Chandigarh TU	11,821	10,795	10,430	11,107	13405	16,200	17,812	17,552	18067	20519	-4,379	-7,017	-7,122	-6,960	-7,114
11	Delhi TC	1,28,081	1,30,444	1,20,958	1,10,987	100499	3,82,133	4,29,668	4,66,803	510133	570091	-2,54,053	-2,99,224	-3,45,845	-2,91,776	-3,41,110
12	Gujarat SRTC	2,40,075	2,48,548	2,77,819	2,86,218	256696	2,59,936	2,72,131	2,97,165	299569	281488	-19,861	-23,584	-19,345	-13,350	-24,792
13	Haryana ST	96,223	1,13,245	1,24,308	1,29,795	132416	1,17,817	1,41,726	1,64,988	189576	190133	-21,593	-28,481	-40,680	-59,781	-57,717
14	Himachal RTC	48,171	...	66,603	75,144	93095	56,236	...	74,930	92404	92923	-8,065	...	-8,327	-17,261	173
15	J&K SRTC	5,845	5,454	5,785	8,983	8711	8,119	8,235	10,184	9067	9022	-2,274	-2,781	-4,399	-84	-311
16	Kadamba TC Ltd.	9,348	9,477	12,464	14,275	16854	11,205	10,802	14,869	16101	16335	-1,857	-1,324	-2,405	-1,826	520
17	Karnataka SRTC	2,31,768	2,59,233	2,96,692	3,20,347	317724	2,29,827	2,59,059	3,04,248	324696	312629	1,941	174	-7,556	-4,349	5,095
18	Kerala SRTC	1,48,915	1,61,702	1,69,058	2,02,905	216516	1,90,550	2,16,788	2,27,706	274853	290392	-41,635	-55,087	-58,648	-71,948	-73,877
19	Maharashtra SRTC	5,60,025	6,09,579	6,73,754	7,25,866	725996	5,53,628	6,52,462	7,31,019	790027	749696	6,397	-42,883	-57,265	39,101	-24,243
20	Meghalaya STC	1,113	1,059	835	1,180	1228	1,148	1,401	1,226	1361	1582	-35	-342	-391	-181	-354
21	Metro TC (Chennai) Limited	1,04,354	1,25,263	1,35,486	1,33,089	130481	1,27,546	1,36,888	1,49,680	172357	180448	-23,192	-11,625	-14,194	-39,268	-49,967
22	Mizoram ST	214	195	171	231	185	1,691	1,890	2,402	2383	2162	-1,477	-1,696	-2,232	-2,152	-1,977
23	Nagaland ST	1,302	1,137	1,225	1,425	1144	4,329	4,468	5,051	5484	5955	-3,027	-3,331	-3,826	-4,059	-4,811
24	Navi Mumbai MT	9,074	10,104	8,998	13,250	12155	10,328	11,741	12,561	14723	15343	-1,254	-1,637	-3,562	-1,472	-3,189
25	North Bengal STC	6,472	7,512	7,255	20,237	24313	18,063	17,931	18,876	22350	26306	-11,590	-10,420	-11,621	-2,113	-1,993
26	North Eastern Karnataka RTC	98,036	1,13,341	1,31,070	1,45,843	150125	99,843	1,15,433	1,35,042	147355	152317	-1,807	-2,093	-3,972	-1,512	-2,192
27	North Western Karnataka RTC	1,15,907	1,31,400	1,57,274	1,72,857	173380	1,18,250	1,37,731	1,62,051	178165	177258	-2,344	-6,331	-4,777	-5,308	-3,878
28	Odisha SRTC	7,474	7,644	7,792	8,975	8911	6,944	6,923	7,811	8472	8411	530	720	-18	503	500
29	Pepsu RTC	...	34,084	36,719	39,735	44113	...	35,181	40,294	42410	44659	...	-1,097	-3,575	-2,675	-546
30	Pune Mahamandal	42,546	53,262	60,263	70,738	77675	47,041	59,524	70,203	87507	92856	-4,495	-6,262	-9,941	-16,769	-15,181
31	PUNBUS	...	40,059	37,666	42,741	43564	...	33,353	37,439	42500	42990	...	6,706	227	241	574
32	State Transport Punjab	...	14,076	19,968	16,540	10567	...	21,326	28,317	27759	20632	...	-7,250	-8,349	-11,219	-10,065
33	Rajasthan SRTC	1,39,863	1,44,332	1,61,045	1,83,379	171585	1,52,874	1,77,996	2,03,783	239243	222151	-13,012	-64,841	-42,738	-55,864	-50,566
34	Sikkim NT	...	2,901	3,410	3,092	3847	...	3,661	3,964	4113	4562	...	-760	-554	-1,021	-715
35	Solapur MT	...	...	1,918	1,874	3566	...	...	2,685	2596	4150	...	...	-767	-721	-584
36	South Bengal STC	12,496	12,407	14,136	15,818	17054	16,234	16,575	18,556	20750	21151	-3,738	-4,167	-4,419	-4,932	-4,097
37	State Exp.TC TN Ltd.	36,913	50,754	61,944	65,435	63401	53,603	64,229	75,116	85001	79107	-16,691	-13,475	-13,172	-19,566	-15,707
38	Telangana SRTC	...	...	3,74,293	3,99,084	409564	...	...	3,95,192	439227	479746	...	...	-20,900	-40,142	-70,182
39	Thane MT	...	7,005	8,075	7,902	7984	...	9,591	10,415	12848	9883	...	-2,586	-2,340	-4,946	-1,900
40	TN STC (Coimbatore) Ltd.	92,031	1,13,780	1,23,539	1,30,095	124396	1,23,076	1,30,549	1,44,411	164881	160918	-31,045	-16,769	-20,873	-34,786	-36,522
41	TN STC (Kumbakonam) Ltd.	1,12,116	1,45,906	1,57,916	1,60,257	157591	1,38,380	1,54,121	1,72,382	199353	196453	-26,263	-8,215	-14,467	-39,096	-38,862
42	TN STC (Madurai) Ltd.	80,641	99,485	1,05,100	1,06,923	101324	98,422	1,05,416	1,16,236	136609	128725	-17,781	-5,931	-11,136	-29,686	-27,401
43	TN STC (Salem) Ltd.	65,101	82,271	86,743	94,640	89408	84,203	91,951	1,02,801	108156	113635	-19,102	-9,680	-16,058	-13,516	-24,227
44	TN STC (Villupuram) Ltd.	1,14,823	1,42,883	1,53,205	1,56,358	154212	1,35,713	1,47,791	1,66,326	189776	184705	-20,890	-4,908	-13,122	-33,419	-30,492
45	Tripura RTC	1,710	1,900	330	1,582	1953	2,814	3,175	1,890	1643	1992	-1,104	-1,275	-1,560	-61	-39
46	Uttar Pradesh SRTC	2,32,398	2,52,936	2,96,793	3,27,524	338492	2,35,855	2,61,196	3,09,947	327128	337565	-3,457	-8,260	-13,154	396	927
47	Uttarakhand TC	...	33,715	39,516	43,350	45886	...	36,249	43,315	46844	46944	...	-2,535	-3,799	-3,494	-1,058
	Total (Reporting SRTUs)	37,26,182	41,77,809	50,64,633	50,93,402	51,74,834	44,05,529	49,12,152	60,82,447	62,84,592	64,37,709	-6,79,347	-7,65,519	-10,17,813	-10,58,798	-11,34,978

*** DTC's Net Profit and Loss includes Prior period adjustment & interest utilized of 128482.85 lakh in 2015-16 and 107370.92 lakh in 2014-15. Hence, Profit /Loss will not be equal to Total Revenue minus Total Cost as are given in Col.25, 27 and 26, 28 respectively.**

**** Maharashtra's Net Profit and Loss includes Prior period adjustment of -543 lakh in 2015-16 and 25060 lakh in 2014-15. Hence, Profit /Loss will not be equal to Total Revenue minus Total Cost as are given in Col.25, 27 and 26, 28 respectively.**

 # Arunachal Pradesh ST has furnished financial data for Total Revenue only. Hence, Profit /Loss will not be equal to Total Revenue minus Total Cost as are given in Col.25, 27 and 26, 28 respectively.

Annexure VIII

Best and worst performing SRTUs in Terms of Select Parameters: 2015-16

	Average Fleet Held (Numbers)	Average Age of Fleet (Years)	Over-aged vehicles (%)	Number of Accidents per Lakh Revenue Earning Kilometres	Number of Fatal Accidents per Lakh Revenue Earning Kilometres	Revenue Earning Kilometres (Lakhs)	Staff Strength (Number)	Fuel Efficiency (Km/litre of HSD) or Km/KG of CNG	Passenger Kilometres Offered (Lakhs)	Passenger Kms Performed (Lakhs)	Occupancy Ratio (%)	Passengers Carried (Lakhs)	Passengers carried per Bus/Day (Number)	Net Profit/Loss (Rs. lakh)	Net Profit/Loss per Km (paise)	Net Profit/Loss per Bus/Day (Rs.)
S.No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Best performing SRTUs in Terms of Select Parameters: 2015-16																
1	Maharashtra SRTC (18,514)	Ahmedbad MTC (3.2)	Pune Mahamandal, BEST & PUNBUS (0.0)	Meghalaya TC, Mizoram ST, Nagaland ST, Sikkim NT and Tripura RT, ST Punjab (0)	Meghalaya TC, Mizoram ST, Nagaland ST, Sikkim NT, Tripura RTC, PUNBUS and ST Punjab (0)	Maharashtra SRTC (21,066)	Maharashtra SRTC (1,05,679)	TN STC (Kumbakonam) Ltd. (5.62)	Maharashtra SRTC (9,18,189)	Maharashtra SRTC (6,39,059)	J & K SRTC (98.68)	Telangana SRTC (32,936)	Metro TC (Chennai) Limited (1,270)	Karnataka SRTC (5095.14)	Kadamba TC (167.93)	Odisha SRTC (297.67)
2	Andhra Pradesh SRTC (12,012)	Calcutta STC (3.4)	Maharashtra SRTC (1.67)			Andhra Pradesh SRTC (16,238)	Andhra Pradesh SRTC (57,902)	TN STC (Villupuram) Ltd. (5.59)	Andhra Pradesh SRTC (7,77,454)	Andhra Pradesh SRTC (5,16,979)	A & N ST (98.31)	Maharashtra SRTC (24,561)	TN STC (Kumbakonam) (1031)	Bangalore Metropolitan TC (1372.66)	Odisha SRTC (151.48)	Kadamba TCL (249.47)
3	Telangana SRTC (10,391)	Haryana ST & State Exp.TC TN Ltd. (4.1)	Haryana ST (2.0)			Telangana SRTC (12,381)	Telangana SRTC (55,993)	TN STC (Salem) Ltd. (5.55), Pune Mahamandal Ltd. (3.22)	Telangana SRTC (6,20,308)	Telangana SRTC (4,35,518)	Arunachal Pradesh ST (81.82)	Andhra Pradesh SRTC (22, 977)	Telangana SRTC (866)	UP SRTC(927.28)	Karnataka SRTC(52.62)	Karnataka SRTC(170.35)
Worst performing SRTUs in Terms of Select Parameters: 2015-16																
1	Tripura RTC (48)	Bihar SRTC (12.85)	Bihar SRTC (100)	Solapur MT(2.06)	Solapur MT(0.12)	Tripura RTC (1.35)	Meghalaya STC(270)	Thane MT(2.75)	Tripura RTC (1.20)	Tripura RTC (1.00)	B.E.S.T. Undertakings (47.98)	Mizoram ST(0.43)	Mizoram ST (2.40)	Delhi TC (-3,41,109.5)	Mizoram ST (-33,518.59)	Delhi TC (-20,420.53)
2	Mizoram ST(49)	J&K SRTC (10.0)	State Exp. TC, TN (Chennai) (78.30)	Ahmedabad MTS (1.23)	North Bengal STC (0.06)	Mizoram ST (6.1)	Tripura RTC (353)	Calcutta STC (2.60)	Solapur MTU(30.45)	Solapur MTU(22.67)	Kadmba TCL(55.57)	Tripura RTC (2.0)	Tripura RTC (11.38)	B.E.S.T (-1,06,192.32)	Delhi TC (-12,758.91)	Mizoram ST (-11, 024.48)
3	Meghalaya ST (59)	B.E.S.T. Undertakings (9.10)	Metro TC (Chennai) Ltd. (72.71)	Calcutta ST (0.85)	TN STC (Salem) Ltd., TN STC (Madurai) Ltd.(0.04)	Sikkim NT (19)	Mizoram ST(396)	Arunachal Pradesh ST (2.56), Delhi TC (2.26 km/kg of CNG)	Arunachal Pradesh ST (88.0)	Arunachal Pradesh ST (86.0)	Calcutta STC (57.18)	Meghalaya STC (3.69)	Nagaland ST (16.98)	Kerala SRTC (-73,876.8)	Bihar SRTC (-11,747.69)	Bihar SRTC (-10,720.28)

Source: As reported by the respective SRTUs

Appendix I

Abbreviations

Abbreviations Used	Full names of Reporting SRTUs
Ahmedabad MTS	Ahmedabad Municipal Transport Service
Andhra Pradesh SRTC	Andhra Pradesh State Road Transport Corporation
Andaman & Nicobar ST	Andaman & Nicobar State Transport
Arunachal Pradesh ST	Arunachal Pradesh State Transport
Assam STC	Assam State Transport Corporation
B.E.S.T. Undertaking	The Brihan Mumbai Electric Supply & Transport Undertaking
Bangalore Metropolitan TC	Bangalore Metropolitan Transport Corporation
Bihar SRTC	Bihar State Road Transport Corporation
Calcutta STC	Calcutta State Transport Corporation
Chandigarh TU	Chandigarh Transport Undertaking
Delhi TC	Delhi Transport Corporation
Gujarat SRTC	Gujarat State Road Transport Corporation
Haryana ST	Haryana State Transport
Himachal RTC	Himachal Road Transport Corporation
J&K SRTC	Jammu & Kashmir State Road Transport Corporation
Kadamba TC Ltd.	Kadamba Transport Corporation Limited
Karnataka SRTC	Karnataka State Road Transport Corporation
Kerala SRTC	Kerala State Road Transport Corporation
Maharashtra SRTC	Maharashtra State Road Transport Corporation
Meghalaya STC	Meghalaya State Transport Corporation
Metro.TC (Chennai) Ltd	Metro. Transport Corporation (Chennai) Limited.
Mizoram ST	Mizoram State Transport

Nagaland ST	Nagaland State Transport
Navi Mumbai MT	Navi Mumbai Municipal Transport
North Bengal STC	North Bengal State Transport Corporation
North Eastern Karnataka RTC	North Eastern Karnataka Road Transport Corporation
North Western Karnataka RTC	North Western Karnataka Road Transport Corporation
Odisha SRTC	Odisha State Road Transport Corporation
Pune Mahamandal	Pune Mahanagar Parivahan Mahamandal Limited
Pepsu RTC	Pepsu Road Transport Corporation
Rajasthan SRTC	Rajasthan State Road Transport Corporation
Sikkim NT	Sikkim Nationalised Transport
Solapur MTU	Solapur Municipal Transport
South Bengal STC	South Bengal State Transport Corporation
State Exp.TC TN Ltd.	State Express Transport Corporation Tamil Nadu Limited
Telangana SRTC	Telangana State Road Transport Corporation
TN STC (Coimbatore)Ltd.	Tamil Nadu State Transport Corporation (Coimbatore) Limited
TN STC (Kumbakonam)Ltd.	Tamil Nadu State Transport Corporation (Kumbakonam) Limited
TN STC (Madurai)Ltd.	Tamil Nadu State Transport Corporation (Madurai) Limited
TN STC (Salem)Ltd.	Tamil Nadu State Transport Corporation (Salem) Limited
TN STC (Villupuram) Ltd.	Tamil Nadu State Transport Corporation (Villupuram) Limited
Tripura RTC	Tripura Road Transport Corporation
Uttar Pradesh SRTC	Uttar Pradesh State Road Transport Corporation
PUNBUS	Punjab State Bus Stand Management Co. Ltd.

Appendix II

Explanation of terms relating to standard physical/operational and financial performance, of SRTUs used in this publication:

Sl No.	Terms	Definition
1.	Fleet strength	The number of buses held (owned and hired), (excluding those approved for scrapping) irrespective of whether actually condemned or not. In this report, fleet strength for the year is the average number of buses held during the reporting year.
2.	Fleet operated and idle fleet	Not all the buses held by STRUs are in road worthy condition and in service at all points of time because of breakdown, repairs, routine maintenance etc. Fleet operated is the average number of buses put into service during the year and the difference between fleet size and fleet operated is idle fleet.
3.	Fleet utilisation	Fleet operated as a percentage of fleet size is fleet utilisation. Fleet utilisation (%) = Fleet operated (i.e., No. of buses on the road) / Fleet strength (i.e., No. of buses held) x 100
4.	Passenger kilometre offered and passenger kilometre performed.	Passenger kilometres offered = Total distance operated (km) x Total carrying capacity Passenger kilometres performed = Total distance operated (km) x Total carrying capacity actually occupied
5.	Occupancy ratio (%)	Occupancy ratio is defined as total passenger kilometres performed as percentage of total seats available in the bus. This is different from load factor which takes total carrying capacity (seats + standing spaces) in the bus. Occupancy ratio (%) = Total passenger kms/ Total seats available in the bus x 100
6.	Effective kilometre / Revenue earning kilometre	Kilometres actually operated by SRTU buses for the purposes of earning revenues are known as effective kilometres. Total effective kilometres relate to revenue earning kilometres actually operated by buses during any specified period for (i) operation of trips as per schedule (ii) operation of trips for fairs, jhara and other special occasions and (iii) operation of casual contracts.
7.	Vehicle productivity	Vehicle productivity refers to the revenue earning kilometres run by each bus per day in a year. Vehicle productivity = Revenue earning km./Average fleet strength X 365 (days)

Sl No.	Terms	Definition
8.	Staff productivity	Staff productivity refers to revenue earning kilometre performed per worker per day in a year. Staff productivity = Revenue earning km./Total staff x 365(days)
9.	Staff bus ratio	Staff to bus ratio represents the number of staff per fleet operated Staff : bus ratio = Total staff/Fleet operated
10.	Total revenue	Total revenue includes: i) traffic revenue (fare receipts) ii) non-traffic revenue i.e., a) income from advertisements, b) sale proceeds from scrap, c) receipts from fines and penalties, d) Other receipts iii) subsidies as reimbursement of fare concessions and other subsidies provided by the government.
11.	Total cost	Total cost includes: a) Operating cost i) Staff cost ii) Fuel and lubricant cost; iii) Cost of tyres and tubes iv) Cost of spares v) Depreciation – provision against loss of capital asset vi) Payments for hired buses vii) Taxes b) Non-operating cost i) Interest cost ii) Other fixed cost – establishment expenses, etc.
12.	Net profit/ loss	The difference between total revenue and total cost is net profit or net loss if total cost is exceeds total revenue. The difference between total revenue and total cost excluding tax is profit/loss before tax.