

# **SRI LANKA RAILWAYS ADMINISTRATION REPORT – 2016**



**Principal Costing Office,  
P.C.O. Officer,  
Railway Headquarters,  
Colombo 10.**



# Department of Sri Lanka Railway



## Vision

*“To be the most efficient transport provider of Southern Asia”*

## Mission

*“ Provisions of a safe, reliable and punctual rail transport service for both passenger and freight traffic economically and efficiently. ”*

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## **Profile**

Sri Lanka Railways which was formerly called Ceylon Government Railway was established in 1864 by Railway Ordinance with the motive of providing transport facilities to passengers and freight. "Provision of a safe reliable and punctual rail transport service for both passenger and freight traffic economically and efficiently" is the mission statement of the railway department. It has operated as a Government Department from its inception to date except for a brief period from 23 July 2003 to 20 November 2004, during that period it was managed as Sri Lanka Railway Authority. Today ( End of Year 2016 ), it operates on a network of about 1,460.91 kms. The Railway network radiates from Colombo the capital throughout the Island on ten lines.

### **Line wise Track Length in 2016**

<b>No.</b>	<b>Line Name</b>	<b>Length ( km )</b>
1.	Main Line	290.49 km
2.	Matale Line	33.75 km
3.	Puttalam Line	133.86 km
	Puttalam Line – Ariport Spur	2 km
	Puttalam Line- Aruvakalu Spur	37 km
4.	<b><u>Northern Line</u></b> Polgahawela to Omanthai Omanthai to Kilinochchi Kilinochchi to Jaffna Jaffna to Kankasanthurai ( KKS )	193.30 km 63.19 km 65.50 km 17.45 km
5.	<b><u>Talaimannar Line</u></b> Medawachchiya to Madu Madu to Talaimannar Pier	42.99 km 63.05 km
6.	Batticaloa Line ( MHO –BCO )	211.10 km
7.	Trincomalee Line ( GOA – TCO )	70.23 km
8.	Coast Line ( FOT – MTR )	158.73 km
9.	Kelani Vally Line ( MDA – AVS )	59.27 km
10.	Mihintale Line ( ANP – MHN )	15 km
11.	Kolonnawa Spur	2 km
12.	Harbour Spur	2 km
	<b>Total</b>	<b>1460.91 km</b>

## **Organisation**

General Manager is the Chief Executive and the Accounting Officer of the Railway Department, responsible to the Ministry of Transport. The General Manager is assisted by an Additional General Manager (Administration) and an Additional General Manager (Operations), Additional General Manager (Infrastructure), and an Additional General Manager (Technical). The Railway organisation is divided into the following sub-departments and units.

### **Sub-Departments**

1. Chief Accountant's Sub Department
2. Commercial Superintend Sub Department
3. Chief Engineer - Motive Power Sub Department
4. Chief Engineer - Way & Works Sub Department
5. Chief Engineer - Signal & Telecommunication Sub Department
6. Superintend of Railway Stores Sub Department
7. Chief Mechanical Engineer's Sub Department
8. Transportation Sub Department

### **Units**

1. Railway Protection Service Unit
2. Principal Costing officer's Unit
3. Sales & Marketing Unit
4. Planning Unit
5. Sri Lanka Railway German technical Training Centre

## **01. GENERAL REVIEW**

### **1.1 Summary of Train Mileage for 2015 & 2016**

<b>No.</b>	<b>Description</b>	<b>2015</b>	<b>2016</b>	<b>Inc/(Dec)</b>	<b>%</b>
1.	Operated Train kms – Passenger Trains	10,932,907	11,075,288	142,381	1.29 %
2.	Operated Train kms – Goods Trains	377,271	400,839	23,568	5.88 %
3.	Operated Train kms – Empty Coaches	121,489	109,618	(11,871)	(-10.83%)
4.	Operated Train kms – Light Loco	98,166	89,772	(8,394)	(-9.35%)
5.	Operated Train kms – Special Trains	267,286	245,491	(21,795)	(-8.88%)
	<b>Total Train kms</b>	<b>11,797,119</b>	<b>11,921,008</b>	<b>123,889</b>	<b>1.04%</b>

The above table shows the 2016 operated train km's performance. According to this table the total operated train km's has increased by 123,889. It was a 1.04 % increase compared to the last year. Compared to last year the goods operated train km's has increased.

### **1.2 Summary of Track Length in 2016**

<b>No.</b>	<b>Description</b>	<b>Year - 2016</b>
1.	Total Track Length	1460.91 kms

In 2016 the total operational track was 1,460.91 kms. The below chart shows the railway line kilometres considering gauges.

**The Total length of railway line in kilometres**

<b>No.</b>	<b>Description</b>	<b>Year - 2016 ( kms )</b>
1	Total Route Length ( <b>Operated</b> )	1460.91 kms
2	Track Gauge	1676 mm
3	Ruling Gradient	1:44
4	Ruling Curvature	5 ch ( 100m )

**1.2 No of Passenger & Passenger kms Comparison**

<b>No.</b>	<b>Description</b>	<b>2015</b>	<b>2016</b>	<b>Inc/Dec</b>	<b>%</b>
1.	No of Passengers	133,291,404	136,048,880	2,757,476	2.07 %
2.	Passenger kms	7,407,386,454	7,413,116,298	5,729,844	0.1 %

During the year Railway operated 7,413,116,298 passenger kilometres and transported 136,048,880 passengers compared to 7,407,386,454 passenger kilometres and 133,291,404 passengers of previous year, recording increase of 5,729,844 passenger kilometres and increase of 2,757,476 no of passengers.

**1.3 No of Train Trips Comparison**

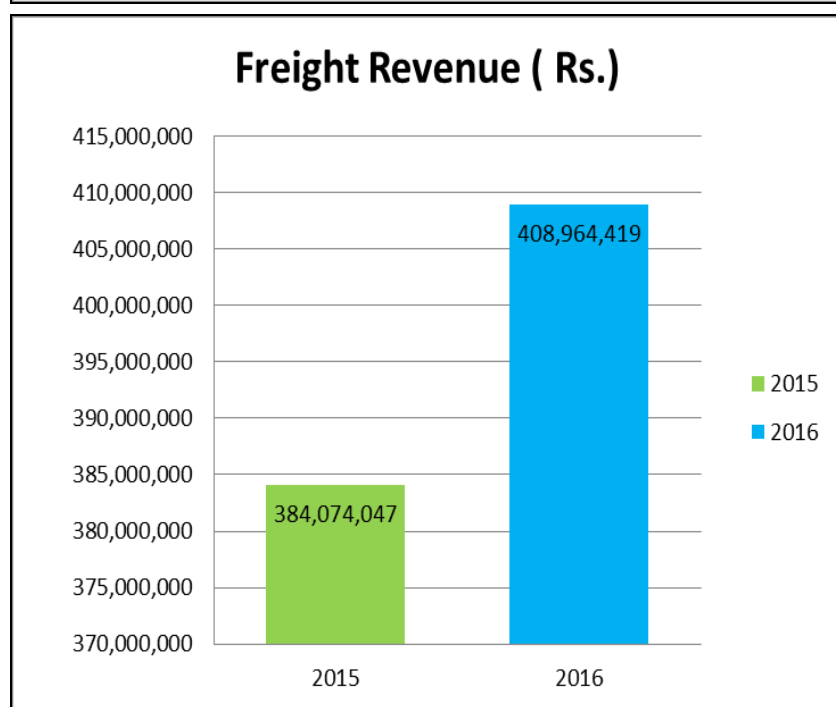
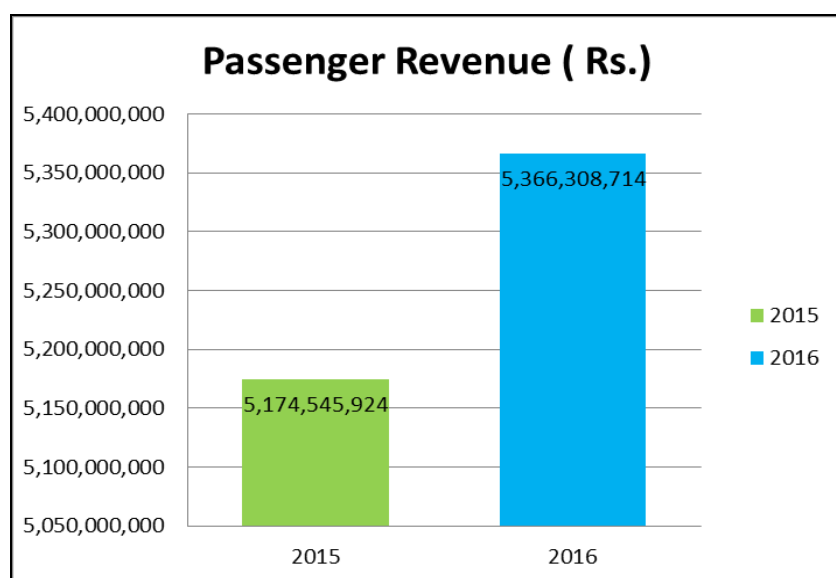
<b>No.</b>	<b>Description</b>	<b>2015</b>	<b>2016</b>	<b>Inc/Dec</b>	<b>%</b>
1.	No of Passenger Trains Trips	117,193	122,621	5,428	4.63 %
2.	No of Goods Trains Trips	3,999	6,126	2,127	53.19 %
	<b>Total Trains Trips (Passenger &amp; Goods Trains Trips only )</b>	<b>121,599</b>	<b>128,747</b>	<b>7,555</b>	<b>6.23 %</b>

Compared to previous year, In Year 2016 the total train's trips were increased by 7,555 trips & ( 6.23%). The no of good trains' trips increased significantly & it was gone up by 2,127 trips & ( 53.19 %). During the 2016 the no of passenger trains trips were increased by 5,428 trips.

#### 1.4 Railway Passenger & Freight Revenue Comparison

No.	Description	2015	2016	Inc/Dec	%
1.	Passenger Revenue ( Rs.)	5,174,545,924.00	5,366,308,714.38	191,762,790.38	3.71 %
2.	Freight Revenue ( Rs.) ( According to CAR )	384,074,047.00	408,964,418.89	24,890,371.89	6.48 %

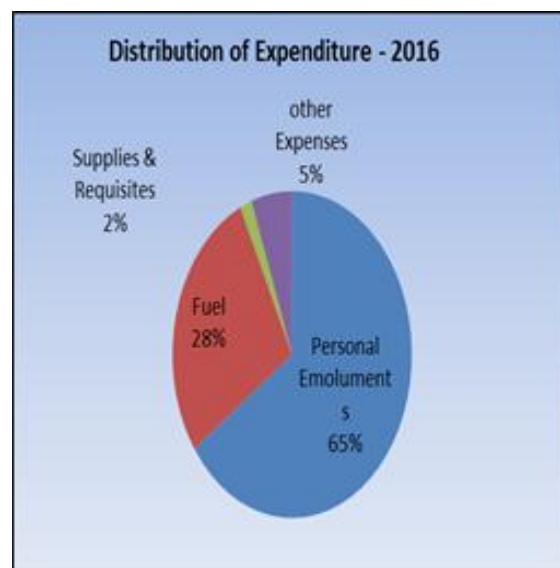
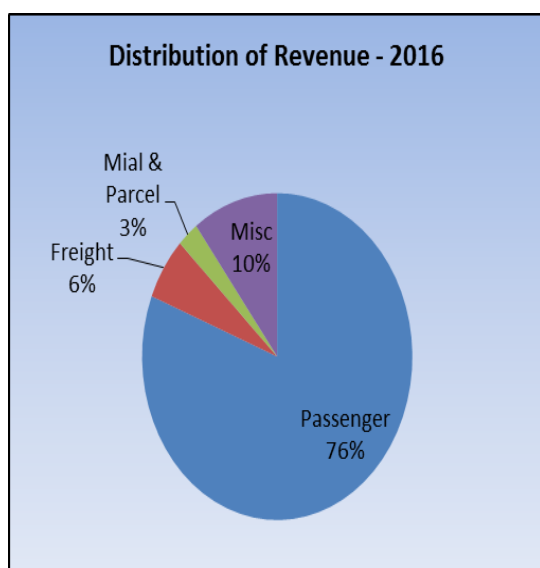
Compared to previous year the passenger revenue has increased in Rs. 191,762,790.38 & 3.71 % .When considering the freight revenue, it has increased by Rs. 24,890,371.89 & 6.48 %.





## 02. FINANCIAL STATISTICS

Item	2015 ( Rs. )	2016 ( Rs. )	Increase/ (Decrease) ( Rs.)	Inc (Dec) %
<b><u>Revenue</u></b>				
- Passenger	5,174,545,924.00	5,366,308,714.38	<b>191,762,790.38</b>	<b>3.71 %</b>
- Freight	384,074,047.00	408,964,418.89	<b>24,890,371.89</b>	<b>6.48 %</b>
- Mail & Parcels	153,286,720.00	169,351,888.13	<b>16,065,168.13</b>	<b>10.48 %</b>
- Miscellaneous	622,693,441.00	678,745,535.33	<b>56,052,094.33</b>	<b>9.00 %</b>
<b>- Total</b>	<b>6,334,600,132.00</b>	<b>6,623,370,556.73</b>	<b>288,770,424.73</b>	<b>4.56 %</b>
<b><u>Recurrent Expenditure</u></b>				
- Personal Emoluments	8,165,652,220.00	8,735,594,840.34	<b>569,942,620.34</b>	<b>6.98 %</b>
- Fuel	4,880,385,741.00	3,704,954,672.65	<b>(1,175,431,068.35)</b>	<b>(-24.08%)</b>
-Supplies & Requisites	214,079,798.00	213,569,482.86	<b>(510,315.14)</b>	<b>(-0.24%)</b>
- Other Expenses	788,657,796.00	742,168,806.89	<b>(46,488,989.11)</b>	<b>(-5.89%)</b>
<b>- Total</b>	<b>14,048,775,555.00</b>	<b>13,396,287,802.74</b>	<b>(652,487,752.26)</b>	<b>(- 4.64 %)</b>
<b><u>Loss on Recurrent Exp</u></b>	<b>7,714,175,423.00</b>	<b>6,772,917,246.01</b>	<b>941,258,176.99</b>	<b>(-12.20 %)</b>

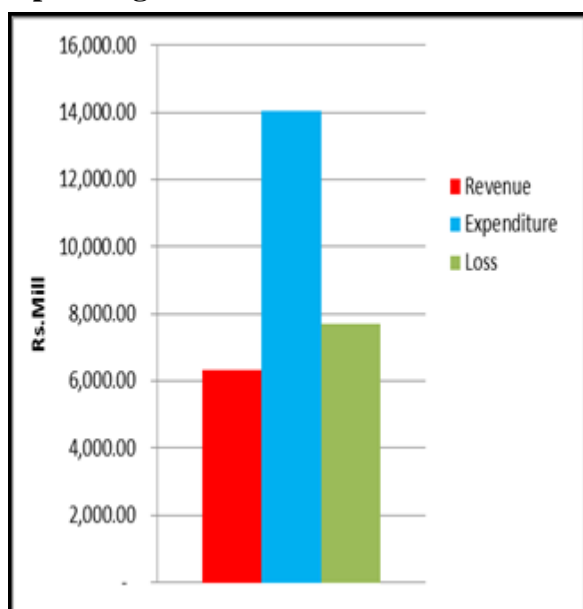


## **Financial Statistics in 2016**

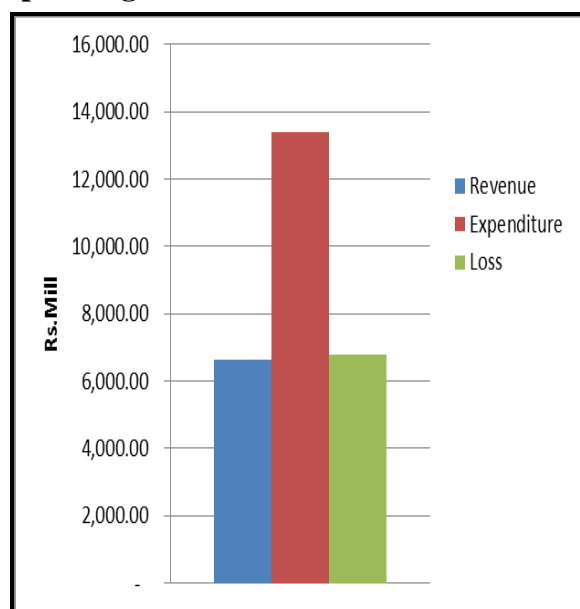
When compared with the previous year, passenger revenue has increased by 3.71 per cent from Rs. 5174.5 million to Rs.5366.3 million during the year under review. Freight revenue has increased by 6.48 per cent from Rs 384.1 million to Rs. 408.9 million. The revenue from parcel and mail transport has increased by 10.48 per cent from Rs. 153.3 million to Rs. 169.3 million and miscellaneous revenue has increased by 9 per cent from Rs. 622.7 million to Rs.678.7 million during the year under review. In the recurrent expenditure, personal emolument has increased by 6.98 per cent from Rs. 8165.7 million to Rs. 8735.5 million. The expenditure on fuel has decreased by 24.08 per cent from Rs. 4880.4 million to Rs. 3704.9 million. The expenses of supplies and requisites have decreased by 0.24 per cent from Rs. 214.08 million to Rs. 213.5 million and other expenses has decreased by 5.89 per cent from Rs. 788.6 million to Rs. 742.1 million. In relation to the previous year the final accounting records reveal that the total revenue has increased and total recurrent expenditure has decreased. The overall recurrent expenditure of Rs 13,396.28 million over the overall revenue of Rs. 6,623.3 million has resulted in an operating loss of Rs. 6,772.9 million during the year.

The operating results during the year compared with previous year are shown in the following tables.

**Operating Results - 2015**



**Operating Results – 2016**



## **Receipts**

Total receipts from all sources of income increased by Rs.288.7 million & 4.56 per cent in the year under review when compared with the previous year, passenger revenue has increased by Rs 191.7 million & 3.71 per cent. Freight revenue has increased by Rs. 24.89 million & 6.48 per cent. The parcel and mail revenue has increased by Rs. 16.06 million & 10.48 per cent and the miscellaneous revenue has increased by Rs. 56.05 million & 9 per cent over the previous year.

## **Expenditure**

The total recurrent expenditure decreased by Rs. 941.25 million, from Rs. 14,048.77 million in the previous year to Rs.13,396.28 million or 4.64 per cent during the year. The fuel expenditure has decreased by 24.08 per cent from 4880.3 million to 3704.95 million in this year. Supplies & requisites have decreased by Rs. 0.51 million or 0.24 per cent during the year. Personal emoluments have recorded significant increase of Rs. 569.94 million or 6.98 per cent over the previous year.

### **Internal Audit unit**

Internal Audit Unit as a separate section under the General Manager of the Railway functioned under the direct supervision of the Secretary of the Ministry of Transport. The unit, headed by an Accountant- Internal Audit, consists of an auditing staff of 21 personnel including an administrative officer recruited from railway clerical service. Human resource assistants are detailed as training audit officers to cover up the vacant positions. The whole staff of 06 internal audit officers and 10 human resource assistants, 01 development officers, & 02 government management assistant were grouped into five teams, each having a team leader were detailed in the auditing of following places of work.

### **Finished Audit Tasks**

Railway Stations	35
Railway Sub-Stations	30
Telecommunication and Signal offices	--
Running Sheds	--
Inspector of permanent Way, - Sections	06
Inspector of Building, - Sections	04
General Offices	--
Shops	02
Accounting Section	02

### **Internal Audit Quarries**

No.	Descriptions	No of Audit Quarries
1.	Audit quarries	47
2.	Finished audit tasks	45

### **Examined Internal Audit Variance**

No.	Descriptions	No of Examined Internal Audit Variance
1	Main Stations	70
2	Sub Stations	33
3	Inspector of permanent Way, - Sections	12
4	Inspector of Building, - Sections	06
5	Shops	04
6	Accounting Section	08

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### 03. TRANSPORTATION

Train operational activities come under the purview of superintendent of the transportation sub-department. In keeping pace with the mission statement of “Provision of safe reliable and punctual rail transport service for both passenger and freight traffic economically and efficiently” Sri Lanka Railway has endeavoured in its fullest capacity to maintain train services during the year under review. However train services could not be operated at a satisfactory level amidst many constraints that are of technical, financial, institutional, operational and social nature. Now Sri Lanka Railways is operating track network of 1460.91 kilometres.

#### **Number of Stations – Division Wise – Year 2016**

Division	Main Stations			Sub Stations			Train Halts		
	Operated	Not Operated	Total	Operated	Not Operated	Total	Operated	Not Operated	Total
<b>1.Nawalapitiya Division</b>									
1. Main Line	33	-	33	12	-	12	12	7	19
2. Mtl Line	5	-	5	7	-	7	12	-	12
<b>2.Anuradhapura Division</b>									
1.North Line	26	-	26	19	-	19	3	-	3
2.Tml Line	7	-	7	4	-	4	-	-	-
3. Bco Line	14	-	14	17	-	17	4	-	4
4. Tco Line	4	-	4	2	-	2	1	-	1
5. Mihintale	0	1	1	-	-	-	-	2	2
<b>3. Colombo Division</b>									
1.Main Line	14	-	14	21	-	21	-	-	-
2.Ptm Line	19	-	19	25	-	25	-	-	-
3.North Line	05	-	05	06	-	06	17	-	17
4.Coast Line	37	-	37	31	01	32	-	-	-
5.Kv Line	11	-	11	19	-	19	07	-	07
<b>Total</b>	<b>175</b>	<b>1</b>	<b>176</b>	<b>163</b>	<b>01</b>	<b>164</b>	<b>56</b>	<b>9</b>	<b>65</b>



### **Number of Stations – Line Wise – Year 2016**

<b>No.</b>	<b>Line Name</b>	<b>No of Stations</b>	<b>No of sub Stations</b>	<b>No of Train Halt</b>	<b>Total Stations</b>
1.	Main Line	47	33	19	<b>99</b>
2.	Matale Line	5	7	12	<b>24</b>
3.	Puttalam Line with Airport Spur	19	25	-	<b>44</b>
4.	Northern Line	31	25	20	<b>76</b>
5.	Talaimannar Line	7	4	-	<b>11</b>
6.	Batticaloa Line	14	17	4	<b>35</b>
7.	Trincomalee Line	4	2	1	<b>7</b>
8.	Coast Line	37	32	-	<b>69</b>
9.	Kelani Vally Line	11	19	7	<b>37</b>
10.	Mihintale Line	1	-	2	<b>3</b>
	<b>Total</b>	<b>176</b>	<b>164</b>	<b>65</b>	<b>405</b>

*Total no of operated railway stations*                      394

*Total no of non-operated railway stations*                      11

According to the statistics of 2016, the train service on Main Line, Northern Line, Coast Line, Batticaloa Line, Matale Line, Trinco Line, KV Line and Puttalam Line was in a satisfactory position throughout the year. Further, Transportation sub department has arranged several seasonal and other specials for the convenience of passengers during long weekends & special national holidays.

### **Operated Train kms**

<b>No.</b>	<b>Month</b>	<b>Passenger Trains kms</b>	<b>Goods Trains kms</b>	<b>Empty Coaches kms</b>	<b>Light Loco Kms</b>	<b>Special Trains Kms</b>	<b>Total kms</b>
1.	Jan	932,638	32,014	12,199	8,865	21,425	1,007,140
2.	Feb	875,549	31,997	10,319	5,788	20,042	943,695
3.	March	939,151	34,452	10,520	9,069	24,368	1,017,560
4.	April	888,562	28,439	10,392	6,588	19,921	953,901
5.	May	926,393	31,113	10,910	5,512	17,299	991,227
6.	June	918,001	31,812	8,143	6,466	17,816	982,237
7.	July	939,986	34,275	7,480	7,049	19,198	1,007,988
8.	Aug	944,547	35,317	8,467	8,879	21,576	1,018,787
9.	Sept	912,631	35,819	9,175	9,068	22,558	989,251
10.	Oct	941,718	36,065	9,001	6,758	22,361	1,015,902
11.	Nov	913,467	35,396	4,318	5,776	18,184	977,142
12.	Dec	942,646	34,139	8,694	9,954	20,744	1,016,177
	<b>Total</b>	<b>11,075,287</b>	<b>400,837</b>	<b>109,618</b>	<b>89,772</b>	<b>245,493</b>	<b>11,921,007</b>

### **Passenger Train kms :-**

Passenger trains have covered a total of 11,075,287 kms throughout the year. The above table shows the monthly breakdown.

### **Freight Trains kms :-**

As much as in the previous year freight trains were operated during this year also to transport Prima flour, clinker, cement, and fertiliser. Petroleum products, including diesel, gasoline, kerosene, and fuel oil were transported throughout the year to meet the requirement of the Ceylon Petroleum Corporation. Freight Trains which carried bulk goods have covered a total distance of **400,837** Kilometres in the year 2016. In this year Sri Lanka railway started coal transport from chaina bay to Maho.

### **Special Trains kms :-**

Transportation sub department was able to arrange special trains for the extra traffic during special occasions as detailed below.

<b>No.</b>	<b>Special Event in 2016</b>	<b>No of special Trains</b>
1.	Thalawila Festival – March	09
2.	Sinhala Hindu New Year Festival – April	24
3.	Wesak Festival – May	16
4.	Poson Festival – June	28
5.	Pichcha mal Poojawa Festival – July	04
6.	Esala Perahara Festival – August	11
7.	Thalawila Festival – August	09
8.	Madu Church Festival	04
9.	Annual Festival of Bassilika Tewatte- Ragama	11
10.	Annual Festival of Our Lady At Matara	02
11.	Christmas Festival	04
	<b>Total Special Trains Run in 2016</b>	<b>122</b>

**New Applications 2016 :-**

No.	Line	Train No.	Date	From	To	Remarks
1.	Main Line	RB.01	08/05/2016	KDT	PDA	New
		RB.02	08/05/2016	PDA	KDT	New
		RB.03	08/05/2016	KDT	PDA	New
		RB.04	08/05/2016	PDA	KDT	New
		RB.05	08/05/2016	KDT	PDA	New
		RB.06	08/05/2016	PDA	KDT	New
		RB.07	08/05/2016	KDT	PDA	New
		RB.08	08/05/2016	PDA	KDT	New
		1138	15/06/2016	GBD	KGA	Extended GBD/KGA
		1558	15/06/2016	KGA	GBD	Extended KGA/GBD
2.	Coast Line	8064	20/02/2016	MDA	GLE	New Saturday Only
		8065	21/02/2016	GLE	MDA	New Saturday Only
		8730 (A)	20/02/2016	MDA	MRT	New Saturday Only
		8731 (A)	20/02/2016	MRT	MDA	New Saturday Only
		8729 (A)	20/02/2016	MDA	MRT	New Saturday Only
		8339 (A)	20/02/2016	MRT	MDA	New Saturday Only
3.	Northern Line	4077	05/02/2016	MLV	FOT	Extended MLV/FOT
		4078	05/02/2016	FOT	MLV	Extended FOT/MLV
4.	Kv Line	RB.01	18/01/2016	MDA	HMA	New
		RB.02	18/01/2016	HMA	KSG	New
		RB.03	18/01/2016	KSG	MAG	New
		RB.04	18/01/2016	MAG	KSG	New
		RB.05	18/01/2016	KSG	HMA	New
		RB.06	18/01/2016	HMA	MDA	New
		9265	02/10/2016	WGG	KSG	Extended WGG/KSG
		9652	03/10/2016	KSG	WGG	Extended KSG/WGG

Some important factors affected time keeping of trains.

1. Locomotive failures on the run thereby losing time.
2. Track defects observed during train movement.
3. Failure of tablet instruments and other electrical appliances and colour light signals.
4. Carriage and wagon defects.
5. Speed restriction due to weak track.
6. Non availability of the required number of locomotives and power-sets.
7. Excess time taken over the allocated time for loading and unloading of parcels.
8. Unscheduled train crossing in the single line sections.
9. Mishaps met by passengers on entrain and detrain and on trespassing.
10. Absence of the train crew without prior approval.

### Trains Operated in Weekdays - 2016

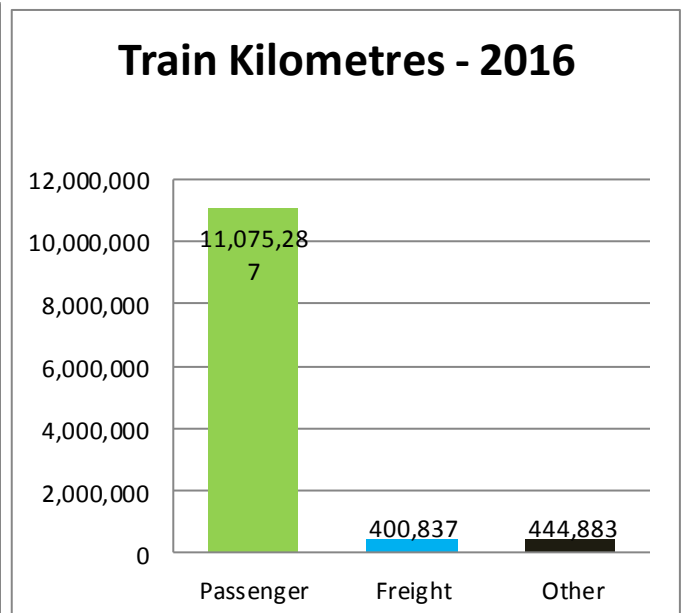
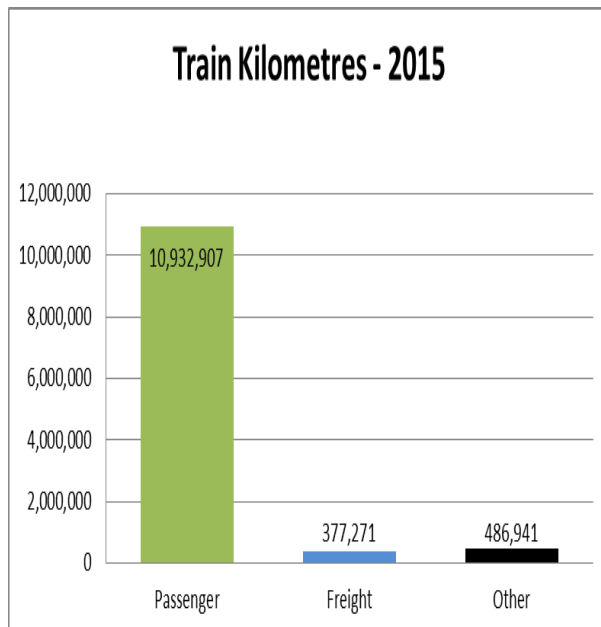
No.	Line Name	No of Trains Run
	<b><u>Number of Trains Operated in Weekdays - 2016</u></b>	
1.	Passenger & Mixed Trains	355
2.	Rail Buses	06
3.	Goods Trains	06
4.	Oil Transport Trains	20
	<b>Total Trains</b>	<b><u>387</u></b>
	<b><u>Line</u></b>	
1.	Main Line & Matale Line	148
2.	Puttalam Line with Airport Spur	42
3.	Northern Line	40
4.	Talaimannar Line	4
5.	Batticaloa Line	10
6.	Trincomalee Line	6
7.	Coast Line	113
8.	Kelani Vally Line	20
9.	Mihintale Line	0
10.	Kolonnawa Spur	4
11.	Harbour Spur	0
	<b>Total</b>	<b>387</b>

Train kilometres by the type of train during the year compared with that of the previous year are shown below.

Type of Train	2015	2016
Passenger	10,932,907	11,075,287
Freight	377,271	400,837
Other	486,941	444,883
<b>Total</b>	<b>11,797,119</b>	<b>11,921,007</b>

\* Passenger train kilometres include power, diesel, Hitachi, viceroy, rail car, rail bus and ECC kilometres. Freight train kilometres include freight, freight special and lime stone. Other includes service special and light loco.

### **Summery of Engine and Train kilometres**



The following figures compare the train and engine kilometres for the years 2015 and 2016. It indicates better utilisation of rolling stock.

	<u>2015</u>	<u>2016</u>
<b>Engine kilometres</b>	<b>14,621,629</b>	<b>15,007,440</b>
<b>Train kilometres</b>	<b>11,797,119</b>	<b>11,921,007</b>





#### **Punctuality of passenger trains :-**

Time keeping of trains is maintained at a satisfactory level during the year. Particulars of time keeping of passenger trains are shown in the following table

Month	Total no of Trains Run		Percentage of right time		Percentage of 6-10 minutes delay		Percentage of over 10 minutes delay	
	2015	2016	2015	2016	2015	2016	2015	2016
Jan	9988	9957	36%	40%	16%	15%	48%	45%
Feb	9278	9437	36%	37%	16%	15%	48%	48%
Mar	10303	10119	39%	41%	16%	15%	45%	46%
Apr	9292	9381	36%	42%	15%	14%	48%	44%
May	9818	10257	41%	37%	16%	13%	44%	49%
Jun	9655	10591	40%	42%	16%	15%	44%	43%
Jul	9980	10475	40%	43%	15%	14%	45%	42%
Aug	10046	10542	42%	43%	15%	15%	43%	41%
Sep	9327	10238	39%	44%	15%	15%	46%	41%
Oct	10086	10586	41%	42%	15%	16%	44%	42%
Nov	9505	10321	38%	41%	15%	16%	47%	43%
Dec	9915	10717	40%	46%	15%	16%	46%	38%
Total	117,193	122621	39%	42%	15%	15%	46%	43%
Avg per day	321	336						

## **Accidents**

<b>Nature of Accidents</b>	<b>2015</b>	<b>2016</b>
• Derailments – Running Line	47	46
• -Yard	109	79
• Collision with road vehicles at level crossing	68	84
• Collision with coaches and wagons	-	04
• Other mishaps (Such as trailing through points etc.)	05	01
• Fires	-	01
• Cattles knocked down & died	19	38
• Elephants knocked down and killed	10	12
• Damage to level crossings and gates by road vehicles	485	506

## **Particulars of public involved incidents.**

<b>Description</b>	<b>2015</b>		<b>2016</b>	
	<b><u>Number Injured</u></b>	<b><u>Number Injured</u></b>	<b><u>Number Injured</u></b>	<b><u>Number Killed</u></b>
➤ Train accidents as a result of- derailment:	--	--	--	--
➤ Train accidents as a result of- collisions:	--	--	04	-
➤ Other movement accidents as a result of falling - off the train while entraining or detraining etc:	73	03	75	01
➤ Non movement accidents- pelting of stones etc:	17	--	26	03
➤ Accidents to people as a result of collision - with road traffic at level crossings:	44	11	47	14
➤ Accidents due to doors of carriages - found open etc:	--	--	01	--
➤ Non movement accidents; accidents to people - on account of trespass on rail track, suicide and misadventure:	246	161	256	180

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#### **04. HUMAN RESOURCE MANAGEMENT & ADMINISTRATION**

The whole range of administrative matters comes under the purview of the Additional General Manager (Administration) of the General Administration Sub-Department. The sub department consist Appointment Branch, Transfer Branch, Disciplinary Branch, Liaison Branch, Training Branch, Cabinets Branch, General Finance Branch, General Administration Branch, Co-ordinating Secretary Branch, Employee Relation Branch, Technical Branch, Pension Branch, Registration Branch, Data-Processing Unit and Planning Unit.

##### **Number in staff**

The total number of all grades of staff employed in each sub Department up to 31 December 2016 was as follows. (The figures as provided by the AO – Appointments)

General Administration	274
Accounting	214
Costing & statistics	13
Stores	302
Protection Force	553
Transportation	3247
Commercial & Marketing	83
Motive Power	2459
Mechanical Engineering	2666
Way and work	4504
Signal & Telecom	455
German Tech	44
Substitute Employees	<u>1204</u>
<b>Total</b>	<b><u>16,018</u></b>

**Payment of Compensation:**

During the year under review a sum of Rs. 6,619,440.00 has been paid as compensation to the employees in respect of deaths and disabilities of permanent and temporary nature under the Workmen Compensation – Act, No 19 of 1984. These payments have been made under the instructions stipulated in the Public Administration Circular No 22/93.

<b>Nature of Accident</b>	<b>No of Cases</b>	<b>Amount paid (Rs.)</b>
Deaths (Accidental)	2	3,525,000.00
Disabilities: (Accidents)	7	3,094,440.00
<b>Total</b>	<b>9</b>	<b>6,619,440.00</b>

**Scholarships & Educational Tours:**

Particulars of staff attended the conference, scholarships, educational tours and seminars etc;

No.	Name	Country & Course
01	Mr. Wijaya Samarasinha.- ( OPS )	9 <sup>th</sup> MP Expo tech – Reverse Buyer Seller Meet 29-31 JANUARY 2016 – GULALIOR, MADHYA PRADESH - INDIA
02	Mr. N.J. Idipolage. ( A.Com )	Regional Cooperation Programme –Nineteenth Training Course 07 <sup>th</sup> to 19 <sup>th</sup> MARCH 2016
	Mr. P. Nihal ( Engineer )	-Do-
		Subject UNESCO/ POLAND And Sponsor fellowship Programme In engineering Cycle 2016
03	K.L.S.R. Sahabandu (CECB)	Procurement For The Supply Of 5000 no's En 45 Ei Daics To Sri Lanka Railways SRS F 7196 Purchase Of Air Tickets.
	V.S.C. Weragoda ( University of Moratuwa )	- Do -
	A.A.M.T. Adikaree (ITI)	- Do-
04	W.G.T.L. Wikkramarathna. ( Engineer )	AROA – Operations Rail Solutions Asia 2016
	H.H.B.S.H. Jayathilaka. ( Engineer )	- Do-
	V.C. Jayasekara. ( Engineer )	- Do-
05	Sunil Batuwanthudawa. – (CAR)	Seminar On Investment Financing And Operations Management Of Railway Construction Project For Developing Countries Of 2016
	W.P.S.K. Fernando ( Accountant )	- Do-
	M.G.M.P. Gunathilaka. ( Accountant )	- Do-
06	W.G.T.L. Wikkramarathna. ( Engineer )	Procurement For The Design Manufacture Supply And Commission Of 03 No's Motor Trolleys To Sri Lanka Railways SRS/F 7079



	K.K.Hewavitharana. ( Engineer )	- Do-
07	P.J.Premathilaka. ( Engineer )	Reconstruction Of Railway Lines In Northern Province Of Sri Lanka Under Indian Line Or Credit – Inspection Of Girder Fabrication In India.
	L.A.S.K.Lokuarachchi. ( Engineer )	- Do-
	W.A.R.Wijesiri.	- Do-
	B.J.Wengappuli.	- Do-
08	H.M.K.W.Bandara. ( Engineer )	2016 Seminar On Railway Construction Project Management For Developing Countries Form 27 <sup>TH</sup> JUNE - 18 <sup>TH</sup> JULY 2016 - CHINA
	Ashoka Munasinha. ( Engineer )	- Do-
	U.K.L.W.Gunawardana. ( Engineer )	- Do-
	W.N.D.Ekanayake.	- Do-
	J.A.D.R.Pushpakumara.	- Do-
	V.K.Iddagoda.	- Do-
09	D.K.L.P.Kumara. W.A.P.Dharmasena	Disaster Management On Infrastructure River Road And Port – From 24 <sup>TH</sup> OCTOMBER TO 17 <sup>TH</sup> DESEMBER 2016 JAPAN
10	W.C.Gunathilaka.	Fellowship Awards For Advanced Railway Course By The Government Of Pakistan
	W.G.A.Karunaratna.	- Do-
11	J.Udayakumar. ( GMI )	Contract Negotiations Under the 9021 Sri Lanka Colombo Suburban Railway Project -15.06.2016 - 18.06.2016
	A.T.L.P.Samarasinghe. (A.S.T)	- Do-
12	A.D.U.Jayasinha. (S.T.)	2016 Training Course On Railway Signal Management For Developing Countries From 21th JULY TO 10 <sup>th</sup> AUGUST 2016 - CHINA
	P.G.Jayathilaka. ( D.E.S.T )	- Do-
	M.K.Jagath ( S.T.I )	- Do-
	P..R.D.Jayantha Kumara. (S.T.I )	- Do-
13	S.G.Premakumar. (C.E.W.)	Project Financing And Sustainable 2 Development Of

		Railway Infrastructure From 10-11 AUGUST 2016 BANGKOK THAILAND
	M.U.S.Priyadharshana.	- Do-
14	Wijaya Samarasingha. ( O.P.S.)	Asian Institute Of Transport Develop Ent (Special Consultative Status United Nations Regional Cooperation Programme )- Twentieth Training Course 24 <sup>th</sup> SEPTEMBER TO 08 <sup>th</sup> OCTOBER 2016
	J.P.I.Premathilaka.	- Do-
15	K.D.M.A.D.Samaradivakara.	Control Of Air Pollution Form Motor Vehicle From 02 <sup>nd</sup> OCTOBER To 19 <sup>th</sup> NOVEMBER 2016 JAPAN.
		China Development Bank Scholarship Postgraduate Programme Year 2016
16	W.L.K.Karunathilaka. D.E. (N)	Invitation To Inspection Of Zhenhua Heavy Industries Company Limited Ntatar – Katara New Railroad Extension Project.
17	K.P.Wasantha Kumara.	Procument For The Design Manufacture Supply And Commissioning Of 03 No's Motor Trolleys To Sri Lanka Railways SRS/F 7079
18	Sanath Nissanka.	- Do-
19	V.S.Polwththage.	2016 Seminar On Railway Operation Management For Developing Countries From 8 <sup>th</sup> TO 28 <sup>th</sup> SEPTEMBER 2016 - CHINA
	P.A.S.Warnasooriya	- Do-
	M.T.Jayathilaka.	- Do-
	W.P.Sarath Kumara.	- Do-
	S.A.Sepali	- Do-
	P.D.G.M.C.Wijesooriya.	- Do-
20	B.A.P.Ariyaratne. – G.M.R	Invitation to the 5 <sup>th</sup> ADB Transport from 12 -16 SEPTEMBER 2016 , ADB HEADQUARTERS, MANILA , PHILIPPINES.
		Japanese Grant Aid For Human Resource Development Scholarship Programme (JDS)
21	W.A.P.Dharmasena. – A.D.E	SAARC Special Training Programme Development Of Transportation Policy And Infrastructure From 29 <sup>th</sup> SEPTEMBER TO 19 <sup>TH</sup> OCTOBER 2016 IN

		KOREA
22	P.Nihal – D.E.E	Invitation For Supervision Of UIC 60 EI Rail Steel Manufactured By Pangana Group Steel Vanadium And Titanium Co.Ltd
23	S.G.Premakumar – C.E.W	Public Private Partnership In Development Of Infrastructure Project From 21 <sup>ST</sup> TO 25 <sup>TH</sup> NOVEMBER 2016 SINGAPORE
24	S.G.Premakumar – C.E.W	Procurement For The Supply Of 5000 NOS EN 45 21 (45 Feet Rails To Sri Lankan Railways Procurement) No SRS/F 7196
	H.M.K.W.Bandara. -	- Do-
25	L.D.Ranjith - Enginner	Technical Work Shop At Shell India Mumbai
	K.A.C.S.Wijerathna.	- Do-
26	Mrs.P.D.R.M.Divamani ( Chife Accountant – Finance )	PIM International Management Programme In Thailand
27	K.G.S.Bandara.	Seminar on power Supply Management and Technology of Electric Railway for Developing Countries from 04 <sup>th</sup> NOVEMBER TO 01 <sup>ST</sup> DESEMBER 2016 CHAINA.
	Mrs.W.G.K.M.Wathugala.	- Do-
	Mr.W.G.A.L.Siriwardhana.	- Do-
	Mr.K.Thushyanthn.	- Do-
	D.K.L.P.Kumara	- Do-
	Mr.T.J.Y.P.Yasapalitha	- Do-
	Mr.K.A.D.Pathirathna.	- Do-
	Mr.H.H.D.S.L.Jayathilaka.	- Do-
28	D.W.N.Amarasena. - D.E.(N)	Reconstruction Of Railway Lines In Northern Province Of Sri Lanka Under Indian Line Of Credit Inspection Of Girder Fabrication India
	A.M.Ashoka - D.E.(C)	- Do-
29	A.D.G.Senevirathna. - M.S.M	Regional Cooperation Programme Twenty Frist Training Course 25 <sup>TH</sup> FEBRUARY TO 11 <sup>TH</sup> MARCH 2017
	H.B.Somarathna - A.Trans	- Do-

## 05. COMMERCIAL ACTIVITIES

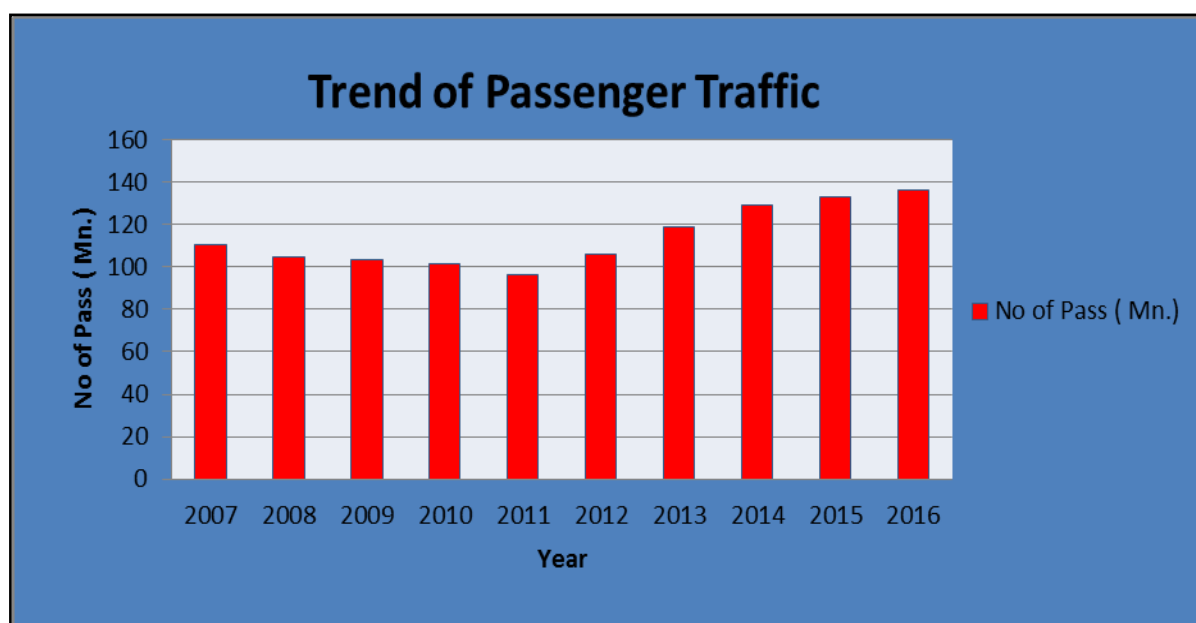
The commercial activities of the railway department come under the purview of the commercial sub department. The Commercial Superintendent is the head of this sub department and assisted by both Deputy Commercial Superintendent and assistant commercial superintendents in handling commercial matters. Among many, the collection of revenue from all sources of income is the main objective. Further commercial sub department finds ways and means to increase the income from all sources of the railways by promoting passenger, freight, parcels and mail transport.

### Passenger Traffic

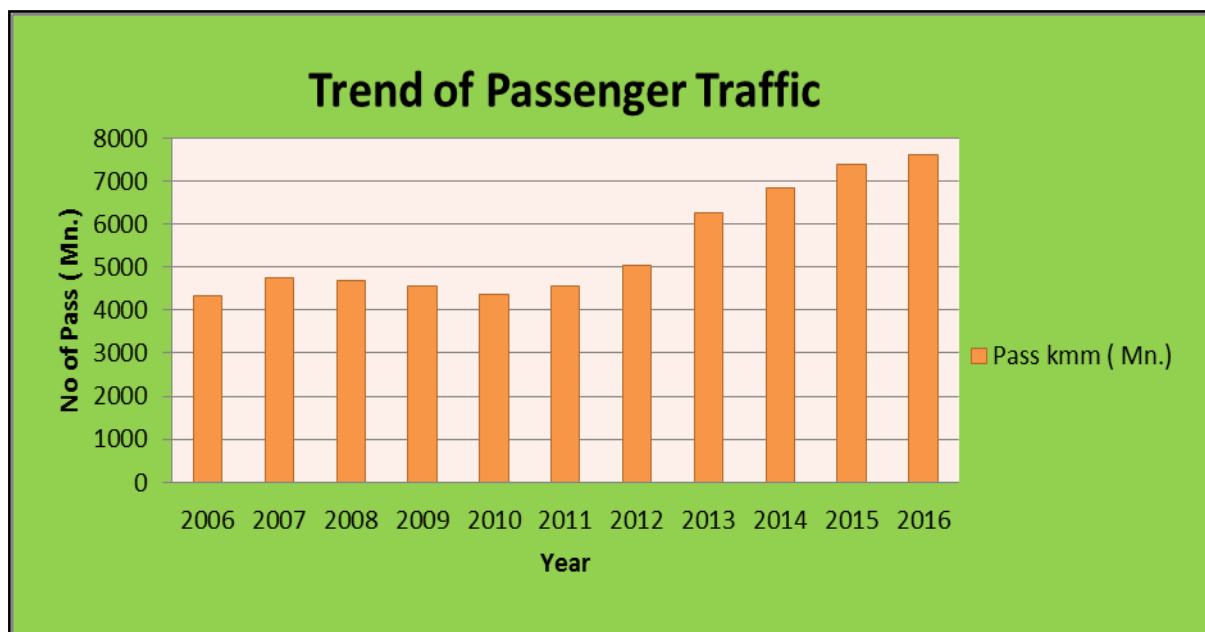
During the year Railway operated 7,413,116,298 passenger kilometres and transported 136,048,880 passengers compared to 7,407,386,454 passenger kilometres and 133,291,404 passengers during the previous year, recording increase of 5,729,844 passenger kilometres ( as percentage 0.1% ) and increase of 2,757,477 passengers ( as a percentage 2.07 %).

Revenue earned from passenger traffic during the year was Rs. 5,366,308,714.38 compared to Rs. 5,174,545,924.00 during the previous year, and increase of Rs 191,762,790.38 .

*\* Following charts show the trend of total no of passenger traffic for the last ten years.*



*\* Following charts show the trend of total passenger kms traffic for the last ten years.*



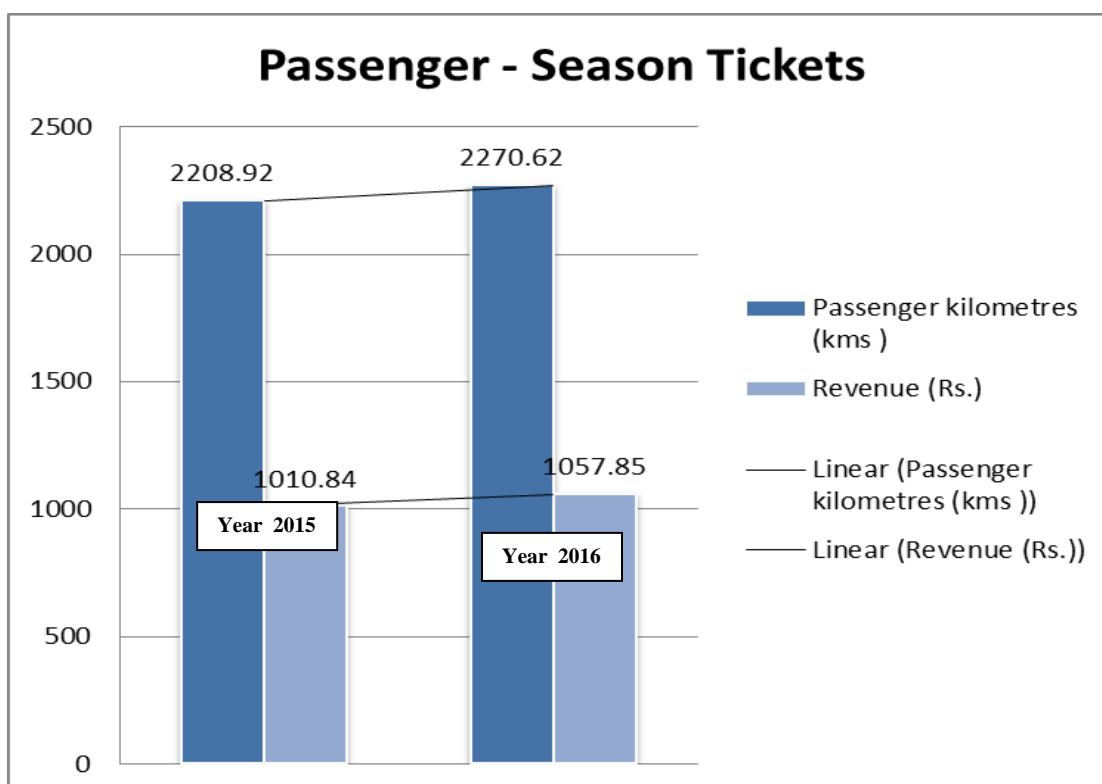
In addition to the revenue earned from ordinary and season ticket passenger traffic, railway has earned Rs. 678,745,535.33 as miscellaneous revenue during the year against Rs. 622,693,441.00 the previous year.

#### **Commercial Superintend Office Generated Income - In 2016**

No.	Description	Income ( Rs. )
1.	Fine Income ( Passengers travelling from without tickets ) No of passenger were caught by travelling without tickets :- 13,269	Rs. 18,973,351.00
2.	Special Train Reservation Income	Rs. 39,359,254.20
3.	Train Compartment Reservation Income	Rs. 10,207,116.90
4.	Lesier Rooms Reservation Income	Rs. 17,137,614.28
5.	Stall Income	Rs. 3,321,564.00
6.	Film Screening Income	Rs. 2,505,414.00
7.	Car Park Income	Rs. 11,139,742.50
8.	Temporary Rent Reservation Income	Rs. 3,528,720.61
9	Telephone Box Rent Income	-
10.	A.T.M Box Rent Income	Rs. 9,900,000.00
11.	Milk Shop Income	Rs. 1,461,723.75

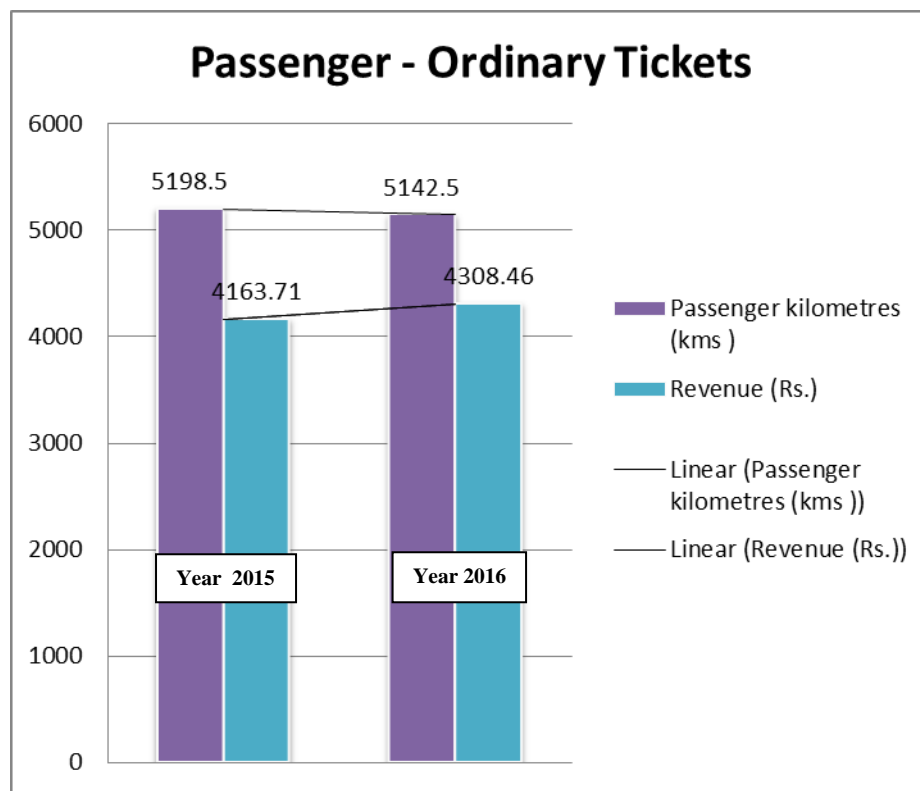
**Commuter (i.e., Passengers on season tickets) Million**

Description	2015	2016
Number of passengers	66.62	67.08
Passenger kilometres (kms )	2208.92	2270.62
Revenue (Rs.)	1010.84	1057.85



**Non-commuter (i.e., Passengers on Ordinary Tickets) Millions**

Description	2015	2016
Number of passengers	66.67	68.97
Passenger kilometres (kms )	5198.50	5142.50
Revenue (Rs.)	4163.71	4308.46



**Lease of Lands :-**

Income received from existing leases of railway lands during the year is Rs.119,588,941.20

**Fare Structure :-**

Passenger fares were revised upward with effect from 01 June 2008, mainly considering the fuel price increases. Then again passenger fares were adjusted downward in line with the fuel price decreases with effect from 01 st of December 2008. By this fare revision fares charged on four tier zones were further increased to five zones. No revision of fares was made during the year under review. Under this scheme of fare revision, fares of ordinary tickets are made available between any two stations and charged as under.

From any station / to any station	Charge per Kilometre (Rs)		
	1 class	2 class	3 class
1 Zone : 00 Km – 10 Km	3.60	2.00	1.10
2 Zone : 11 Km – 50 Km	3.30	1.60	1.00
3 Zone : 51 Km – 100 Km	2.80	1.50	0.85
4 Zone : 101Km - 200 Km	2.10	1.20	0.65
5 Zone : 201 and above	1.60	0.90	0.50

*Any fraction of rupee is rounded up to nearest rupee.*

General Manager of Railway is empowered in deciding the passenger fares for Inter-City and value added train services under the following conditions.

- The fares decided on should not be below existing normal passenger fares,
- Fares so decided should be competitive with the existing passenger fares of the passenger transport market and could be able to draw the maximum revenue to the railway.

#### **Retiring rooms :-**

Retiring room facilities for the rail passengers are available at Kandy, Mihinthaleya Polonnaruwa, Trincomalee, Baticaloa, Galle, Anuradhapura and Jaffna Railway Stations.

#### **The Number of Claims Received In Respect of Goods & Parcels Damaged or lost**

No.	Description	Goods	Parcels	Luggage	Acc	Total
01.	No of Claims on account of a lost or damaged parcels and goods etc. Carried forward as unsettled at close previous financial	-	163	-	9	172
02.	No of Claims received and responded on account on goods parcels, luggage etc. during the current financial year.	-	86	-	13	99
03.	No of claims vide 1 and 2 settled during the year.	-		-		
	<b>Before 2016</b>		56		7	63
	<b>In the year 2016</b>		22		6	28
04.	Balance outstanding unsettled during the year.	-	171	-	9	180
05.	Amount paid as compensation	-	<b>Rs. 247,020.90</b>	-	<b>Rs. 215,000.00</b>	<b>Rs. 462,020.00</b>



*Tax particulars for the year as follows :-*

<b>Quarter</b>	<b>VAT Income (Rs)</b>	<b>VAT on Purchases (Rs)</b>	<b>VAT on Imports (Rs)</b>
<b>1 Quarter</b>	16,834,095.00	65,165,967.00	58,111,584.00
<b>2 Quarter</b>	20,651,166.00	38,432,776.00	40,921,993.00
<b>3 Quarter</b>	18,428,468.00	37,837,724.00	11,673,144.00
<b>4 Quarter</b>	20,005,446.00	68,349,884.00	128,352,334.00

## 06. SALES & MARKETING

The unit of sales and marketing headed by the manager-sales and marketing is accountable for the matters relating to transportation of goods, parcels and mail. The unit finds ways and means of increasing the market-share of the railway in the field of freight transportation and to increase the freight revenue. In addition to the scheduled freight trains special freight trains are arranged on the requirement of the private freight dealers on special freight rates. Prima flour, cement, lime stones and petroleum products are transported on agreed conditions with the private parties. The right to use the rail track for the transport of lime - stones using their own locomotives and wagons from Aruwakkalu is given to the Cement Company on an agreement entered with the Railway Department. The rates are levied for the transportation of lime - stones on the conditions entered with and these rates are subject to revise annually in line with the fluctuations of the Colombo Consumer Price Index ( CCPI ). Railway also provides locomotives on hire to the Company to transport lime stones on special charges. The mail transport is also being done on a contract agreed with the postal department levying special charges.

Revision of freight rates, recovery of demurrage, renting out unused railway warehouses, allocation of spaces for displaying of advertisements at stations, station premises, railway lands and on compartments comes under the purview of sales and marketing unit.

In year 2016 Sri Lanka railways came to agreement to transport coal with Holicim Lanka Pvt & recorded Coal transport income was Rs. 5,497,460.00.

### Freight traffic

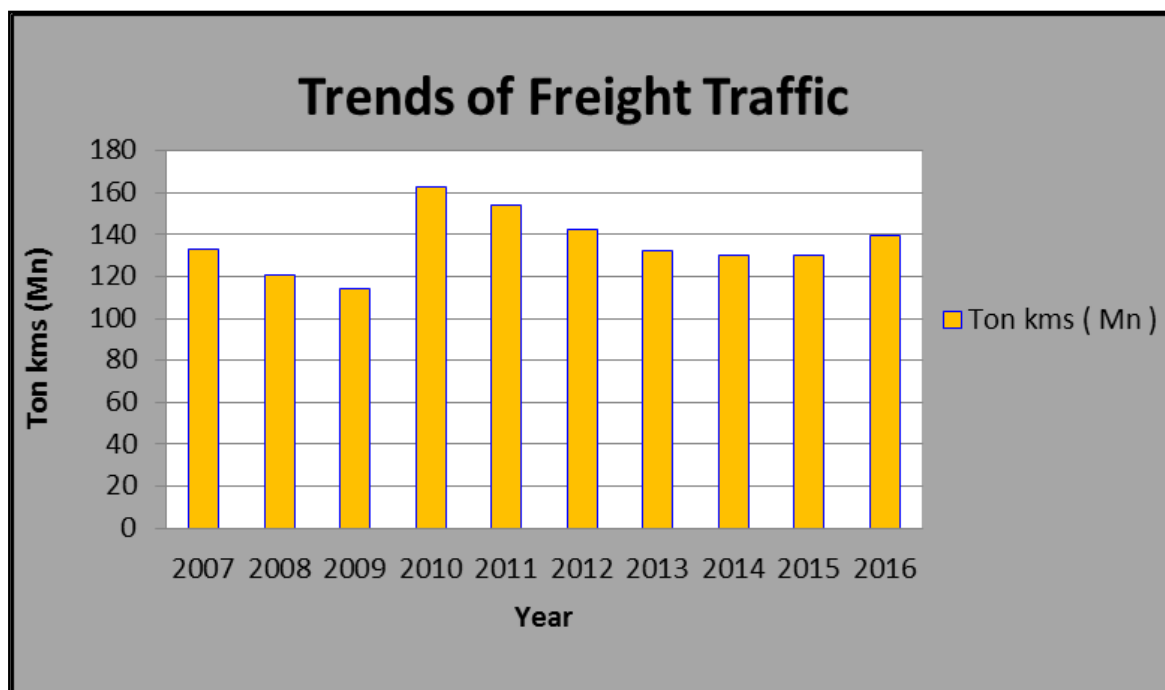
During the year 1,982,815 tonnes of goods were transported and an amount of Rs. 491,000,853 was earned as freight revenue. Tonne kilometres were recorded as 139,907,872.

Description	2015	2016
Tonnage carried	1,834,171	1,982,815
Ton Kilometres	130,021,929	139,907,872
Freight revenue (Rs.) ( <i>According to PCO data – Accrued Basis</i> )	466,221,010.00	491,000,853.00

*The following chart shows the freight traffic trend (freight ton) in the last ten years.*



*The following chart shows the freight traffic trend (freight ton kms) in the last ten years.*



### **Parcel and Mail transport :-**

Income from parcel transport and Post office mail transported at a fixed rates on agreement with the postal department of Rs.169,351,888.13 during the year compared to Rs. 153,286,720.00 during the previous year.

### **Rent-out warehouses :-**

An income of Rs 46,164,023.36 was earned from renting out warehouses during the year as against Rs 62,675,175.10 during the previous year.

### **Income from advertising :-**

An income of Rs 11,800,180.37 was earned from advertising during the year as against Rs 9,754,814.75 during the previous year.

### **Rent income ( Engine hiring ) :-**

The rent income which was hiring railway train engines ( M-2 , M-4 ) to the Holicim lanka pvt ltd was Rs. 110,615,454.94 during the year 2015 & compared to last year it has increased.

M-2 Engine daily running rent was Rs. 556,875.00

M-4 Engine daily running rent was Rs. 707,231.25

The total income from limestone transport was Rs. 57,442,034.41 & total freight transport was Rs. 408,964,418.89.

### **Freight Rates :-**

Railway has a two tier charging systems for goods wherein they are grouped into two classes with different charges for each class depending on whether the goods are carried on lines in the low-lying area of the Island or on lines in the up- Country. ( In other words on the main line above Rambukkana, and on Matale Line.)

### **Freight rate Structure :-**

Freight rates have been revised with effect from 01. November 2007 increasing the existing freight rates by 50 per cent and parcel rates by 40 per cent. Rate structure of 8 classes has reduced into 4 classes and again these 4 classes into 2 classes on revisions of freight rates in 1990 and 2001 respectively. During the year under review no revision in the rates structure was made.

The rebate given for some selected commodities i.e. food stuff-prima flour, manure and cement was withdrawn later. Under the rate revision of 2007 the General Manager of Railway is given the discretion in granting special rates for the transport of any goods moved in bulk or in block rates of wagon. These rates are charged for transport of goods and are inclusive of incidental charges such as shunting and placing of wagons for loading and unloading and of empty haulage of wagons.

**Existing rates are as follows:-**

	<b><u>Below Rambukkana</u></b> <b><u>Per ton kilometre (Rs)</u></b>	<b><u>Above Rambukkana</u></b> <b><u>per ton kilometre (Rs)</u></b>
<b>Class 1 –</b>	<b>3.75</b>	<b>5.25</b>
<b>Class 2 –</b>	<b>4.50</b>	<b>6.00</b>

The class 1 is the combination of old classes 1 and 2 while the class 2 is the combination of old classes 3 and 4.

Rates of petroleum products are charged on a special basis as shown under.

	<b><u>Below-Rambukkana</u></b> <b><u>per ton kilometre (Rs)</u></b>	<b><u>Above-Rambukkana</u></b> <b><u>per ton kilometre (Rs)</u></b>
<b>Petrol, Gasoline, Diesel, Gas oil, Black oil,Furnace oil:</b>	<b>4.50</b>	<b>5.25</b>
<b>Aviation Fuel:</b>	<b>6.00</b>	<b>-</b>

**Sales & Marketing Division – Income in 2016**

<b>No.</b>	<b>Description</b>	<b>Total Income ( Rs.)</b>
1.	Parcel & Post	Rs. 169,351,888.13
2.	Freight Transport	Rs. 408,964,418.89
3.	Advertising Income	Rs. 11,800,180.37
4.	Limestone Transport Income	Rs. 57,442,034.41
5.	Goods Store income	Rs. 46,164,023.36
6.	Higher Class compartment income	Rs. 31,968,130.00
7.	Canteen Income	Rs. 53,916,147.50
8.	Pet shops income	Rs. 5,386,596.00
9.	Book shops income	Rs. 837,396.00
10.	Newspaper & Lottery stall income	Rs. 377,760.00
11.	Milk shop income	Rs. 583,000.00
	<b>Total Income</b>	<b>Rs. 780,613,604.66</b>

## 07. MECHANICAL ENGINEERING

The yearly work - shop output of the mechanical engineering sub department for the year was as follows.

Description of the locomotives	2015		2016	
	<u>Overhaul</u>	<u>Intermediate</u>	<u>Overhaul</u>	<u>Intermediate</u>
Diesel-Electric-Locomotives: (M2,M4,M5,M5a,M5b,M5c,M6,M7,M8, M8a,M9)	08	197	10	215
Diesel Hydraulic Locomotives: (Y,W1,W2, N1, N2,W3)	04	212	10	202
Diesel Hydraulic Power Units: ( S3, S4,S5, S6, S7, S8, S9,S10,S11)	20	70	25	67
Diesel Mechanical Locomotives: (P1)	--	--	--	--

Due to financial restrictions, purchase of spare parts for locomotives were curtailed and some old spare parts were used in the locomotive repairs after reconditioning. This has affected the reliability of locomotives to some extent.

### Diesel Power Coaches

Class	No of vehicles at the beginning of the Year 2015	Total No, Of Seats	Total No Of Standing	No of vehicles at the beginning of the Year 2016	Total No, Of Seats	Total No Of Standing
S3	Nil	-	-	-	-	-
S6	01	30	60	01	30	60
S7	02	60	120	02	60	120
S8	20	640	1280	20	640	1280
S9	15	480	960	15	480	960
S10	15	312	1340	15	312	1340
S11	20	620	400	20	620	400
S12	23	374	748	23	374	748
<b>Total</b>	<b>96</b>	<b>2516</b>	<b>4908</b>	<b>96</b>	<b>2516</b>	<b>4908</b>

S-12 – 06 coaches – 02 NOS Train Set.

S-5 – 04 coaches – 02 NOS Train set.

Coach M.C 01

Driving cab motive power generator set and kitchen twin bogies

Coach TD

Trailer dining car, seating capacity 40 twin bogies.

Coach T1

Trailer passenger, seating capacity 40 twin bogies.

Coach T2

Trailer passenger, seating capacity 40, twin bogies

Motive power- 02 Nos 8 cylinders 8,7.75 Borex 8.5"

stroke 900 BHP/1500 RPM. Maximum output under standard condition- maximum speed –50 mph.

**Rolling Stock (locomotives, rail cars, cranes & motor trolleys )**

Total in stock 2015	Description	Total in stock 2016
100	(a) Diesel Electric Locomotives (M2,M4,M5,M6,M7,M8,M9,G1,M10)	96
48	(b) Diesel Hydraulic Locomotives (W1, W2, W3, Y)	48
05	(c) Diesel Hydraulic Locomotives(P1)	02
99	(d) Diesel Power Coaches (S3,S5,S6,S7,S8,S9,S10,S11,S12)	99
	(e) Diesel Mechanical Locomotives (N1, N2)	02
07	(f) Air conditioned Train Units (S5)	07
02	(g) Diesel Rail Cars (T1,T2)	03
05	(h) Motor Trolleys (MT)	05
	(i) Steam Locomotives(B1,B2,B8,J1)	06
	(j) Steam Rail Cars (V2)	01
25	(k) Steam Cranes/Hydraulic Cranes (TRC,BTRS)	08
	(l) Rail Bus	24
	(m) Mini Loco	01

### **Steam and diesel Rail Cars - 2016**

<b>Description</b>	<b>Total no of Rail cars</b>	<b>Total no seats</b>	<b>Bogies</b>	<b>Four wheels</b>
Steam Rail Cars (N.G) V2/331	01	--	--	--
Tourist Saloon (N.G) T1/515	01	28	02	--
Diesel Hydraulic Mechanical Rail - Cars-(BG) T2/323	01	20	02	--

### **Classification of Repairs to Rolling Stock (locomotives)**

<b>Class</b>	<b>Inter Repairs</b>	<b>General Repairs</b>
M2/M6/M7	360000 miles	720000 miles
M8/M4/M8A/M10	400000 miles	800000 miles
W3	10000-20000 hrs	30000 hrs
G1/M5/W1/W2/Y/N1-		
S5/S7	6000 hrs	12000 hrs
T1/T2	3000 –6000 hrs	4000-8000 hrs
N2	4000 hrs	8000 hrs
S3	5000 hrs	10000 hrs
S6/S8/S9/S10/S11/M5A/S12/M5A	8000-16000 hrs	24000 hrs
M5C	9000-18000 hrs	30000 hrs
M9	30000 hrs	60000 hrs

<b>Class</b>	<b>Inter Repairs</b>	<b>General Repairs</b>
M10 – M10A	11	-
M2/M6/M7/M8/M4/M8A	147	08
W3	161	03
G1/M5/W1/W2/Y/N1	41	07
S5/S7	08	01
T1/T2/N2/S3/S6/S8/S9/S10/S11/M5a/M5b	70	15
M5c	36	01
M9	03	-
S12	07	08



### **Light Repairs**

Any other repairs and inspection due to unforeseen damages in failures in between the periods set for scheduled repairs.

### **Particulars of reparation of locomotives, power coaches, rail cars and motor trolleys – Y 2016**

<b>Description</b>	<b>Class</b>	<b>No in Stock</b>	<b>Under repairs in shops</b>	<b>Awaiting re-pairs at shops</b>	<b>In Service</b>
Diesel electric locomotives	M2	13	01	02	10
Diesel electric locomotives	M4	14	01	--	13
Diesel electric locomotives	M5 M5B	04	01	--	03
Diesel electric locomotives	M5C	07	02	--	05
Diesel electric locomotives	M6	14	02	--	12
Diesel electric locomotives	M7	15	05	01	09
Diesel electric locomotives	M8	08	03	--	05
Diesel electric locomotives	M8A	02	01	01	--
Diesel electric locomotives	M9	10	01	06	03
Diesel electric locomotives	M 10	03	01	01	02
Diesel electric locomotives	M 10 A	06	04	04	04
Diesel electric locomotives	G1	01	--	01	--
Diesel electric locomotives	T1	01	--	01	--
Diesel Electric Rail Cars	T2	01		01	--
Diesel Hydraulic locomotives	W1	03	01	--	02
Diesel Hydraulic locomotives	W2	02	--	--	02
Diesel Hydraulic locomotives	W3	10	02	--	08
Diesel Hydraulic locomotives	Y	27	07	--	20
Diesel Hydraulic Mechanical loco	N1	01	--	01	--
Diesel Hydraulic loco	N2	01	--	01	--
Mini Loco	P1	02	--	02	--
Power Coaches	S3	--	--	--	--
Power Coaches	S5	03	--	--	03
Power Coaches	S6	01	--	--	01
Power Coaches	S7	02	--	02	--
Power Coaches	S8	20	03	02	15
Power Coaches	S9	15	04	02	09
Power Coaches	S10	15	01	01	13
Power Coaches	S11	20	02	--	18
Power Coaches	S 12	23	02	--	21
Steam locomotives	B1A	01	01	--	--
Steam locomotives	B2B/B8c	03	01	01	02

Steam locomotives	J1	02	--	02	--
Motor Trolleys	NT	05	01	--	--
Steam Hydraulic cranes	TRC/BT/ RC	08	02	02	04
Rail Buses	RB	24	04	04	16
Steam Rail Cars	V2	01	01	--	--
Motor Trolleys	ML	01	-	01	--

### **STEAM LOCOMOTIVES AND RAILCARS.**

C L A S S	wheel or axle description	Cylinder	Tractive effect at 85% boiler pressure, lbs,	No. on Hand at The beginning	No of locos Brought Into Service	No of locos Condemned During the Year	No in hand at the end
STEAM LOCOMOTIVES 5'6" GAUGE							
B1a	4-6-0	18.5*26	22620	-	1	-	1
B1d	4-6-0	-do-	22620	-	1	-	1
B2b	4-6-0	-do-	22620	-	1	-	1
B8c	4-6-0	15''*22	14025	-	1	-	1
Steam Locomotives & Rail Cars 2'6" gauge							
J1	4-6-4	14'*20	14809	-	1	-	1
V2	Hydraulic	350	steam- (300)	-	1	-	1

### **Position of steam locomotives, railcars, and cranes**

Description	Number
Steam locomotives (B.G)	04
Steam locomotives (N.G)	02
Steam rail cars (N.G)	01
Steam cranes (BG)	06
Steam Hydraulic cranes (B.G)	02

### **Diesel locomotives power coaches railcars & motor trolleys**

Description	Number
Diesel Electric Locomotives	96
Diesel Hydraulic locomotives	48
Diesel Power Coaches	98
Air- Condition Train Unit	07
Diesel Hydraulic & Mechanical locomotives	06
Diesel/Steam locomotives & Rail Cars	02
Motor Trolleys	05
Rail Bus/Mini Loco	25

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## 08. MOTIVE POWER ENGINEERING

During the year motive power was provided to scheduled trains as well as to new trains and other special trains including ballast trains. The availability of locomotives to maintain normal Train service remained below the required level. In order to address this problem SLR has initialled several fleet upgrading measures and continued with Railway infrastructure development projects during the year.

### **Consumption of diesel, coal and lubricant :-**

Consumption of diesel and coal per engine kilometre and the lubricating oil per engine kilometre is given below.

<b>Class of Engine</b>	<b>Diesel litres per engine km</b>	<b>Lub oil litres per km</b>
W1	5.2256	0.3101
W2	3.7376	0.0465
W3	3.4183	0.0528
Y	1.1240	0.0194
S5	2.1358	0.1175
S6	--	--
S7	--	--
S8	2.2915	0.0202
S9	2.2067	0.0252
S10	2.5861	0.0252
S11	1.9815	0.0095
S12	--	--
M2	2.6323	0.0510
M4	3.2004	0.0450
M5	---	--
M5B	3.3072	0.0375
M5C	3.1592	0.0208
M6	3.5894	0.0691
M7	3.0646	0.0565
M8	3.8891	0.0532
M8A	3.6506	0.0494
M9	3.9600	0.0391
M10	3.4670	0.0293
M10A	3.5399	0.0411
AFC	-	-
R/B	0.3108	0.0014
<u>Steam locomotives</u>	<u>Coal per engine Km (tonnes)</u>	<u>Lub oil per 100 Kmm</u>
B1	--	--
B2	--	--
B8	--	--

*Amount of fuel consumption and kilometres done by each class of locomotive is given below.*

Class of Loco	Number of Loco failures	Kilometres	Consumption of Diesel, Coal and Lubricant			
			Diesel Litres	Lubricant Litres	Pure Petrol Lt	Grease Kg
W1	1	6272	32775	1945	0	67.9
W2	16	73194	273573	3400.5	0	28.3
W3	55	341124	1166052	18010	0	272.6
Y	1	492533	553592	9536.5	0	358.1
S5	1	3460	7390	406.5	0	20
S11	44	1691372	3351403	15989.5	0	724.75
M2	19	925979	2437465	47189	333	102
M6	23	1131636	4061885	78199	354	293.25
M7	13	336722	1031903	19038	312.5	285.75
M4	40	1376931	4406698	61976	0	299.5
M5A	0	0	0	0	0	0
M5B	15	234379.2	775149	8800.5	0	28
M5C	10	301851.2	953600	6264	0	224.5
M8	21	550051.2	2139196	29266.5	1845	215.5
M8A	3	129406.4	472406	6387	0	55
M9	9	180456	714525	7048.5	0	650.875
M10	0	346950.4	1202870	10175.5	0	21.5
M10A	3	585403.2	2072240	24069	0	29.8
S6	0	0	0	186	0	0
S7	0	0	0	0	179.5	1867.5
S8	56	1506088	3451270	30399	0	0
S9	0	718080	1584600	0	0	0
S10	88	1445917	3739300	54596	3133	1034
S12	0	2521256	4404990	0	0	0
AFC	0	0	327780	202	71	52
R/B	0	108378	33686	151.5	0	4
VICE ROY	0	0	0	0	0	0
T1.515	0	0	0	0	0	0
CRANE	0	0	0	0	0	0
B.COW	0	0	0	0	0	0
BOILER	0	0	0	0	0	0
AIR CO.	0	0	0	0	0	0
CARRIAGL	0	0	0	0	0	0
WAGONS	0	0	0	0	0	0
<b>Total</b>	<b>418</b>	<b>15,007,440</b>	<b>39,194,348</b>	<b>433,235.5</b>	<b>6,228</b>	<b>6,634.825</b>

*Loco class wise engine failures in year 2016*

<b>Loco Class</b>	<b>No of Engine Failures</b>	<b>No of Engine Failures attended in shed</b>	<b>No of Engine Failures sent to C.M.E</b>	<b>No of Engine Failures sent to shop 19 &amp; 26</b>
<b>W 1</b>	1	1	-	-
<b>W 2</b>	16	9	-	7
<b>W 3</b>	55	32	-	23
<b>Y</b>	1	1	-	-
<b>S 5</b>	1	-	-	1
<b>S 11</b>	44	44	-	-
<b>M 2</b>	19	16	3	-
<b>M 6</b>	23	22	1	-
<b>M 7</b>	13	12	1	-
<b>M 4</b>	40	38	2	-
<b>M 5 A</b>	-	-	-	-
<b>M 5 B</b>	15	13	2	-
<b>M 5 C</b>	10	9	1	-
<b>M 8</b>	21	18	3	-
<b>M 8 A</b>	3	3	-	-
<b>M 9</b>	9	9	-	-
<b>M 10</b>	-	-	-	-
<b>M 10 A</b>	3	2	1	-
<b>S 6</b>	-	-	-	-
<b>S 7</b>	-	-	-	-
<b>S 8</b>	56	56	-	-
<b>S 9</b>	-	-	-	-
<b>S 10</b>	88	88	-	-
<b>S 12</b>	-	-	-	-
<b>AFC</b>	-	-	-	-
<b>R/B</b>	-	-	-	-
<b>Vice Roy</b>	-	-	-	-
	-	-	-	-
<b>Total</b>	<b>418</b>	<b>373</b>	<b>14</b>	<b>31</b>

## 09. WAY & WORKS ENGINEERING

The major responsibility of the way & works sub department is maintaining the length of railway line & extends the railway line through re-constructing missing links such as Thalimannar line, Jaffna lines and also build new bridges. Maintaining the railway building under good conditions also similar capacity responsibility of way & works sub department.

**The length of railway line in kilometres is given below. ( Year Ended 2016 )**

No.	Line Name	Length ( km )
1.	Main Line	290.49 km
2.	Matale Line	33.75 km
3.	Puttalam Line	133.86 km
	Puttalam Line – Ariport Spur	2 km
	Puttalam Line- Aruvakalu Spur	37 km
4.	<b><u>Northern Line</u></b> Polgahawela to Omanthai Omanthai to Kilinochchi Kilinochchi to Jaffna Jaffna to Kankasanthurai ( KKS )	193.30 km 63.19 km 65.50 km 17.45 km
5.	<b><u>Talaimannar Line</u></b> Medawachchiya to Madu Madu to Talaimannar Pier	42.99 km 63.05 km
6.	Batticaloa Line ( MHO –BCO )	211.10 km
7.	Trincomalee Line ( GOA – TCO )	70.23 km
8.	Coast Line ( FOT – MTR )	158.73 km
9.	Kelani Vally Line ( MDA – AVS )	59.27 km
10.	Mihintale Line ( ANP – MHN )	15 km
11.	Kolonnawa Spur	2 km
12.	Harbour Spur	2 km
	<b>Total</b>	<b>1460.91 km</b>

### **Railway Line – 2016**

No.	Description	2016 ( kms )
1	Total Route Length	1460.91 kms
2	Track Gauge	1676 mm
3	Ruling Gradient	1:44
4	Ruling Curvature	5 ch ( 100m )

### **Track Improvement Projects**

<b>No.</b>	<b>Improvement Project</b>	<b>Task Complete %</b>
1.	Kandy – Sarasavi Uyana Doubled line improvement Project	Earth filling in progress
2.	Kaluthara – Piyaghala South Doubled line improvement Project	60 % works completed
3.	Seeduwa – Katunayaka Doubled line improvement Project	Double line 70 % work completed
	Doubled line improvement Project	
4.	Katunayaka – Galkanda Doubled line improvement Project	5% Double line work completed
5.	Galkanda – Negombo Doubled line improvement Project	Surveying completed
6.	Kurunagala Loop line	50 % earth filling work completed

### **Projects**

<b>No.</b>	<b>Improvement Project</b>	<b>Task Complete %</b>
1.	Medawachchiya - Madhu	Work completed 01 No. Bridge to be replaced 300 Nos. sleepers to be replaced.
2.	Madhu – Talaimannar	Work completed Defect liabilities period extend by CECB to 13.12.2016 03 No. Bridge to be replaced 3864 Nos. sleepers to be replaced.
3.	Omantai – Pallai	Work completed Sleepers to be replaced.
4.	Pallai - Kankesanthurai	Work completed Sleepers to be replaced.

### **Proposed Projects**

<b>No.</b>	<b>Improvement Project</b>	<b>Task Complete %</b>
1.	Kurunegala – Habarana	CANC and TPC appointed
2.	Polgahawela – Kurunegala double line	TEC to be appointed ( project to be carried out under Indian line of credit
3.	Mahawa – Omantai	Rehabilitation to be carried out under Indian line of credit, TEC appointed
4.	Maradana - Homagama	Upgrading existing line and station buildings.



Particulars of construction/Launching and maintenance of bridges and other connected work carried out in 2016 are as follows.

**01 No of bridges repaired**

- I. Repairs to pocket plates and weak cross girders and painting (2 x 60ft, 1 x 80ft) spans at 159M 40Ch, 157M 64Ch (2 X 60, 1 X 80ft) spans –ML.
- II. Renewal of cross girder flooring with new transverses though. 40 ft span Bridges at 31M 25 Ch and 35M 55Ch –KVL.
- III. Replacing of weak gusset plates at raker ends of ( 03 x 100ft) spans at 91M 75Ch –CL, and (2 x 100ft) spans at 16M 32Ch – PTML DN line.
- IV. Repairs to diagonal members and other weak members of O/H bridge ALT station.
- V. Repairs to O/H bracings bridge at 40M 70Ch – CL and painting.
- VI. Erection of new foot path for (03 x 100ft) spans at bridge at 68M 15Ch – CL.
- VII. Repairs to bottom chord batten plates and weak angle bracings of 120 ft span at 13M – 26C PTML

**02 No of Bridges painted in Districts**

**Central District**

Bridges at 16M -38C, 16M-35C, APS Quarry crusher plant, 17M- 70C, 19M-58C

**Northern District**

Bridges at 72M 73C ,69M 52C,96M 14C,160M 74C, 76M 28C, 96M 50C, 114M 00C,119M 60C, 106M 19C,

**Lower District**

26M 64C, 27M 00C,75M 13C, 19M 73C,40M 79C,05M 47C, 68M 15C, 38M 60C, 63M 64C,49M 71C, 32M 59C, 11M 41C,32M 59C,91M 75C, 33M 43C, 35M 55C,

**Upper District**

157M 64C, 159M 40C, 15M 31C,158M 02C, 106M 76C,

**Eastern District**

152M 15C,145M 72C,160M 74C,112M 26C, Shop 20 RML, T.T/BCO,OHC Shop 20, 155M 29C, 155M 79C,156M 71C,110M 47C, 110M 49C 109M 70C, 109M 11C,

**03 No of new Bridges installed**

- I. Launching of new 26ft deck span at bridge at 157M 52Ch – BCOL for widening of existing irrigation canal.
- II. Launching of new 80ft plate girder ( cross girder /rail bearer flooring) span at 75M 13Ch – CL

- III. Launching of new 100ft plate girder ( cross girder /rail bearer flooring) span at 05M 57Ch – CL
- IV. Launching of new 40 ft plate girder ( cross girder /rail bearer flooring) combination double line span at 11M 41Ch –CL
- V. Launching of new 26ft U – Beam deck span at 19M 32Ch –PTML.

#### **04 No of Turn Tables repaired.**

- I. Replacing of existing wheels and axels with modified race wheels and axels of turn table MHO
- II. Replacing of existing wheels and axels with modified race wheels and axels of turn table R.Shed –DMA.
- III. Modification of race wheels and axels for other turn tables, are in progress at RML work shops.
- IV. General repairs carried out to other Turn table as required.  
PLG/ANP/PLI/KKS  
GOA/TCO/BCO  
KDT/NOA/BDA/BAD  
ALT/GLE  
Concreting of Turn table bed completed and providing of new race rail timbers was carried out.

#### **05. No of High – Roof repaired**

- I. Asbestos sheets of high roof of shop – 45 RML completely replaced with Znic Alu. Sheets by S.E.C. Sri Lanka under supervision of bridges branch.
- II. Roof repairs / Gutter repairs and fabrication and fixing of new window frames of selected work shops were carried out.

#### **06. Other General work carried out.**

- I. Launching of temporary span at 20M 74Ch –PTML , FOR Construction of new abutment for double line project.
- II. Working crane special for erection of P.S.C beams for O/H bridges PGS /KTK/YTG.  
Working crane special for erection of P.S.C. beams for O/H bridges PGS/KTK/YTG.
- III. Cleaning of Tube wells at WLA site was carried out using high pressed air by Bridge staff.
- IV. Erection of 12 No. Columns for shop – 22 RML and fabrication of roof trusses in progress at Bridge in progress at Bridge work shop
- V. Fabrication and erection of heavy duty road barriers both sides of the bridge over the biyagama road at KLA to avoid damages by heavy vehicles.

## **10. SIGNALLING & TELECOMMUNICATION**

Chief Engineer Signal and Telecommunication (CSTE) is accountable for the maintenance of the mechanical and electrical signalling systems as well as telephone and radio communication network and public address systems. In order to ensure an efficient and safety operation of train services regular repairs and maintenance are carried out throughout the year. The installation of barriers at level crossings also comes under the purview of the Chief signal Engineer. The workshop of the signal sub department engages in assembling and repairing of signal instruments. Installation of modern signal instruments and planning comes under the purview of the planning section. For these purposes CSTE is assisted by a deputy chief engineer for colour light signalling and by seven other signal engineers. The working strength of 444 personnel consists of skilled, semiskilled and non-skilled workers who are under the direct supervision of district signal engineers.

The whole signalling net work is divided into four Districts as follows.

Upper District:	Rambukkana to Badulla and Peradeniya to Matale
Central District:	Maradana to Rambukkana, Polgahawela to Maho and Puttalam Line
Southern District:	Coastal Line and Kelani Valley Line
Northern District:	Maho to Vavuniya, Trincomalee Line and Batticaloa Line

### **01. Progress of Signalling & Telecommunication**

#### **Task Completed in 2016**

<b>No.</b>	<b>Task/ Project</b>
<b>01.</b>	Provision of Signalling for Ahungalla Station
<b>02.</b>	Providing of bidirection of signalling for SED/JLA
<b>03.</b>	APS Alteration proving signalling for down loop line
<b>04.</b>	Conversion of PLG semaphore admission signals to CLS
<b>05.</b>	Installation Bell & Light at Marapu Rd, Urthirapuram, Thandikulam, Kadawathgama, EDM,PTM, Mirissa Rd, Air Force Camp Rd, Pitiduwa Rd, Mahanaviya Rd, Garanduwa 1Rd, Udara Mawatha, Kaykawala, Andadola.
<b>06.</b>	Providing starter signal to No. 5 p/F at KDT
<b>07.</b>	PLG alteration providing signalling direct admission for 5 <sup>th</sup> line.
<b>08.</b>	Conversion of Mechanical Operated Barrier in to Electric Operated Barrier at Hikkaduwa – Baddegama Road
<b>09.</b>	Provided with Bell & Flasher to Madampagama Level Crossing
<b>10.</b>	GLE yard points No. 8A & 9 replaced with 90ibs rails
<b>11.</b>	48 V/DC Inverters replaced in PGS,ALT,ABA,KOG,KUG and KMG

<b>12.</b>	Yard overhauling at HTN, MHO, VNA, MWH, URW, KLA, MDA RH 4,5,6
<b>13.</b>	Yard replairing lead out replacing and reconstructing works of supplementary leadout HTN and WTG
<b>14.</b>	Installation Convex Mirrors – 16 Nos
<b>15.</b>	Renewal of Point Timber – 08 Nos.
<b>16.</b>	Replacing of motor points – 02 Nos.
<b>17.</b>	Providing lights for DISC signals at PLG and RBK yards.
<b>18.</b>	Laying UG cable RBK/KMA – 1.5 km
<b>19.</b>	Installation of Magnetic Lock point at ABA

**b. Foreign Training**

<b>No</b>	<b>Training Course</b>	<b>Country</b>	<b>No of Persons</b>
01	2016 Seminar on Railway Construction Project Management For Developing Countries from 24 <sup>th</sup> June to 14 <sup>th</sup> July 2016	China	01
02	2016 Training Course on Railway Signal Management for Developing Countries from 21 <sup>th</sup> July to 10 <sup>th</sup> August	China	04
03	Seminar on Power supply management & Technology of Electric Railway for developing countries from 04 <sup>th</sup> November to 01 <sup>st</sup> December.	China	01

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## 11. RAILWAY STORES

### Stores Stock Account

The railway stores sub department is responsible for maintaining proper stocks of various items. It facilitates providing office equipments & mediates the tender process.

The value of stores held in the Railway Stores Advance Account amounted to Rs 5,422.13 million at the end of 31 st of December 2016 as against Rs 5,609.6 million at the end of December 2015.

Verification of stock was carried out on a continuous verification basis and an annual verification of stores was also carried out in December 2016.

Details relating to the different classes of stores issues and receipts are given below.

(Rs. in Mn.)

Description	Balance as at 01.01.2016	Receipt During 2016	Issues During 2016	Balance on 31.12. 2016	Stock turn Over ratio
Fuel & Lubricant	61.84	-	-	61.84	-
Spares for locomotives	4473.9	1,540.55	1,680.21	4,334.28	0.38
Carriages & wagons	200.9	63.62	85.50	179.11	0.45
Signal Equipment	396.7	50.18	98.07	348.84	0.26
Permanent way- Materials	4,532.8	0.03	-	4.56	-
General Stores	471.56	299.69	277.76	493.51	0.58
<b>Total</b>	<b>5,609.6</b>	<b>1,954.07</b>	<b>2,141.54</b>	<b>5,422.13</b>	<b>0.39</b>

## **12. TRAFFIC COSTING AND STATISTICS**

### **Organisation and Function**

The Traffic Costing Unit functions under the Principal Costing Officer and includes a Statistics Section and a Traffic Costing Section. The function of the Unit is to identify and ascertain cost of services and operations in order to provide management with data to use in tariff fixing and in investment decisions. The Unit analyses and reports operating and revenue statistics and prepares the Annual Report, Railway Facts & Figures, and Summary of Operating and Financial Statistics.

Under operating statistics, records of locomotive, train, and vehicle kilometres are processed and analysed. Under revenue statistics, passenger journeys, passenger kilometres, tonnage of freight forwarded and tonne kilometres are processed and analysed. The Unit distributes monthly, quarterly, and annual returns of statistical data under the above two categories for the information of Railway management.

### **Traffic Costing Performance**

Studies undertaken during the year include the following:

- Analysis of recurrent expenditure and computation of unit costs
- Computation of cost/statistical data for the Transport Studies and Planning Centre and the Transport Data Bank.
- Preparation of the Booklet containing analytical representation of financial and operation results.
- Preparation of the annual Administration Report of the Department for the General Manager.

### **Statistics Performance**

Computation and dissemination of statistical data was continued during the year as summarised below. The Unit expanded the use of personal computers to process statistical data.

- Statistical data for Central Bank and Census and Statistics Department.
- Quarterly goods statistics for 2015/2016.
- Monthly passenger statistics for 2015/2016.
- Quarterly train and locomotive statistics for 2015/2016.
- Quarterly reports of vehicle kilometres for 2015/2016.

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### **13. RAILWAY PROTECTION SERVICE**

#### **General**

Railway Protection Force is responsible for providing protection for the rail passengers and their property, railway staff and the railway property. The Superintendent leads the Force with the assistance of 533 security personnel including one Superintendent and five Assistant Superintendents.

Security staff was detailed to be watchful of suspicious objects in station premises and in moving trains and to be vigilant for explosive devices, especially at stations, railway yards, and workshops and at entrances of the compartments and wagons attached to the trains. Lady security officers were also deployed to inspect passengers and their bags and baggage at the entrances and exits of the stations. Security was also provided to the passengers and property during the periods of strike and during the times of unrest prevailed among employees.

#### **Security for cash transport**

Protection was provided for cash being transported for payment of salaries and wages and for cash being transported from Maradana station to the vault at the Chief Accountant's Office. Security personnel detailed to protect cash in transit were provided firearms and were under the supervision of an assistant superintendent and direction of an inspector. Armed security personnel were deployed round the clock at chief accountant's cash vault for the protection of cash.

#### **Protection to other important trains**

Security staff was deployed in escorting other important trains such as those transporting mail, goods, petroleum products. Security was also provided in the express trains and weekend express trains.

#### **Security at special occasions and events**

Security provided to the persons including Minister of transport & General Manager Railways at the function of Anuradhapura.

Security provided to the opening ceremony of Alimankada Station opening.

Security provided to the Union meeting to the persons including Minister of transport, deputy minister of transport.

## **Festival Duties**

Security personnel were deployed at the relevant railway stations during the period of under mentioned annual festivals.

- Annual Season of pilgrimage to Sri-Pada.at February 2016.
- Provide security facilities for the New Year season April 2016.
- Provide security facilities for the Pichamal Pujawa 2016.
- National Independence Day Celebration Function at February 2016.
- St Anne's Church festival at Thalawila in March,July.
- Wesak and Poson-Full moon poya day ceremonies at Anuradhapura, Mihinthala, Fort, Maradana, Kalaniya and other stations.( Employed more than 100 security staff )
- Esala Perahera (Dalada Perahera) at Kandy. ( August 2016 )
- Annual Buhari religious festival at Beruwala.
- Ragama Basilika religious festival at Ragama.
- Provide security facilities for the Christmas Season December 2016.
- Provide security facilities for the Buhari Festival in 2016.
- Provide security facilities for the Chilaw Munneshvaram Kovil Festival 2016.
- Provide security facilities for the Ambalangoda Modhara Church Perahara Festival 2016.
- Provide security facilities for the Palavi – Thalavila Sen Arna Church Festival in 2016.

## **Providing protection at derailments:**

Security personnel were detailed to protect the railway property and staff and the passengers and their property at the places where Major derailments took place during the year.

## **Railway Flying Squad**

Railway flying squad which was established in 1996 to look into the matters of crimes, frauds, thefts, irregularities and acts of sabotage in the Department and to bring to book the persons responsible.

During the year under review 124 such cases were reported and 65 cases were finalised. The remaining 59 cases were under investigation.

## **Crimes - Railway Ordinance**

Under the provisions made in the Railway Ordinance 2072 persons were taken into custody for the offences of misuse of tickets, unauthorised travelling in trains, unauthorised entry to the railway premises and unauthorised vending an amount of Rs 6,715,235.34 was collected as fines from those offenders.



## **Crime Prevention**

To facilitate response to information on thefts and other offences, a group of security staff was detailed at the security office of the Fort Railway Station and at Head Quarters of the Protection Force to work on Saturdays and Sundays and on Public Holidays. Information of sabotage and malicious damages could be obtained beforehand by the staff and prompt action could be taken to avoid such unlawful acts.

## **Inquiries**

In addition to investigation of matters arising from inquiries conducted by the personnel of the Protection force, the legal investigation unit attached to the Head Quarters of the Protection Force conducted investigations on allegations made in petitions sent to the General Manager, Heads of the Sub-Departments and also on personal complaints of unauthorised structures and sub-leasing of railway property, theft, looting, threatening, felling of trees in railway land and in disciplined behaviour of security personnel and on other various matters.

### **In 2016 – Duties of the Railway Protection Force**

No.	Month	Passenger Travelling With out Ticket		Passenger Travelling With out Ticket – 1 <sup>st</sup> Class		Higher Wight Transport	
		Number	Fine ( Rs.)	Number	Fine ( Rs.)	Number	Fine ( Rs.)
01.	Jan	60	152,747.00	64	166,465.00	01	113.00
02.	Feb	42	110,710.00	17	45,250.00	02	503.00
03.	March	242	636,595.00	89	236,450.00	15	4,944.00
04.	April	23	59,460.00	03	8,120.00	05	583.00
05.	May	137	36,250.00	11	29,415.00	09	2,974.00
06.	June	68	207,803.00	102	589,358.00	59	18,744.00
07.	July	208	633,910.00	36	111,085.00	-	-
08.	August	77	245,880.00	18	53,830.00	12	3,570.00
09.	September	69	217,455.00	04	12,185.00	01	212.00
10.	October	77	282,650.00	-	-	-	-
11.	November	195	622,456.00	-	-	04	995.00
12.	December	126	394,000.00	01	3,300.00	05	-
	<b>Total</b>	<b>1324</b>	<b>3,599,916.00</b>	<b>345</b>	<b>1,257,458.00</b>	<b>108</b>	<b>32,638.00</b>

**In 2016 – Duties of the Railway Protection Force**

No.	Month	Legal Actions		Departmental Actions		Total
		Number	Fine ( Rs.)	Number	Fine ( Rs.)	Fine ( Rs.)
01.	Jan	28	36500.00	07	144,811.00	500,636.00
02.	Feb	61	73,850.00	09	319,904.34	550,217.34
03.	March	11	12,000.00	04	90,000.00	979,989.00
04.	April	11	8,000.00	02	50,000.00	126,163.00
05.	May	10	247,964.51	09	9,500.00	326,103.51
06.	June	50	18,650.00	07	175,000.00	1,009,555.00
07.	July	10	26,640.00	08	361,639.49	1,133,274.49
08.	August	13	14,080.00	05	12,500.00	331,820.00
09.	September	05	5,000.00	02	77,124.00	311,976.00
10.	October	22	25,050.00	03	75,000.00	382,700.00
11.	November	07	6,050.00	02	30,000.00	659,501.00
12.	December	06	6,000.00	-	-	331,200.00
	<b>Total</b>	<b>234</b>	<b>479,784.51</b>	<b>61</b>	<b>1,345,478.83</b>	<b>6,715,235.34</b>

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#### **14. SRI LANKA GERMAN RAILWAY TECHNICAL TRAINING CENTRE**

Sri Lanka German Railway Technical Training Centre functioning as a separate Sub-Department under the supervision of General Manager of railway. The director is the head of the technical training centre. There is a Manager (Training) under the supervision of the Director. The Manager (Training) is in charge of formulating and conducting technical training courses and other trade courses to skilled and semi-skilled railway employees and to apprentices recruited from outside. The Manager (Training) is assisted by a working strength of 51 personnel consisting of academic and non-academic staff, and a maintenance supervisor. The main objective of the Technical Training Centre is to conduct full time and part time technical and trade courses to the railway employees, school leavers and to the apprentices selected from outside under the supervision of National Apprentice and Technical Training Authority. The Centre assists the department to maintain efficient transport service by training employees and producing some spare parts to rolling stocks using available resources.

#### **Final Trade tests for Apprentices, ( External )**

##### Course

##### No of Apprentice

Diesel Engine Mechanic /Welding/Electric/Machine

81

#### **Infrastructure facilities were provided for the tests conducted by National Apprentice Authority**

<b>No.</b>	<b>Description</b>	<b>NAITA</b>	<b>NVQ ( Level -4 )</b>
1	Welding	07	07
2	Diesel Engine Mechanic	29	-
3	Electrician	32	32
4	Mechanical	13	13
	<b>Total</b>	<b>74</b>	<b>52</b>

**Training for Departmental employees:**

<u>Course</u>	<u>Sub-Dept</u>	<u>No</u>
Basic Engineering Course	for Railway Engineer's	02
Computer Course	Railway Station Masters	118
Railway Technical Course	Railway Under Guards	64
Basic Machinery	Railway Employees	05
Basic Welding Course	Railway Employees	11
Special Railway Driving Training Course		24
Basic Welding Course	Trainees	<u>11</u>
<b>Total</b>		<b><u>235</u></b>

**Provision of work - shop facilities for promotion tests for Railway Employees :-**

Employees in Bridge Section	02
Technical Assistant -II (Welding)	18
Technical Assistant –II ( Rathmalana) ( Metal-)	10
Technical Assistant -II (Welding)	12
Technical Assistant –II ( Rathmalana) ( Metal-)	09
Technical Assistant -II (Welding)	50
Technical Assistant -II (Welding)	11
Technical Assistant –II ( Rathmalana) ( Metal-)	02
Technical Assistant -II (Welding)	<u>62</u>
<b>Total</b>	<b><u>176</u></b>

**Training Courses and Practical Tests**

<u>Institute</u>	<u>No of Participant</u>
Sri Lanka Navy	06
Asian Aviation-one day	<u>09</u>
<b>Total</b>	<b><u>15</u></b>

**Production and repairs of the spare parts :-**

Many spare parts required for the locomotives were produced and repairs were done for the plant and machinery and other equipment for other sub - department during the year.

<u>To</u>	<u>Item</u>	
CME	Power Contactors tip	- 45
STE	Power Adjusting Screw	- 54
Shop – 04	Drill Repair	<u>- 56</u>
Shop- 39	Aluminium Bearing Housiem	<b><u>155</u></b>

### **Training Courses**

<b>No.</b>	<b>Description</b>	<b>Group</b>	<b>No of Students</b>
1.	Diesel Engine Mechanic	2012	29
		2013	31
		2014	28
2.	Mechanic	2011	13
		2012	08
		2013	15
		2014	14
3.	Electrician	2011	32
		2012	19
		2013	27
		2014	29
4.	Mechanical	2012	07
		2013	18
		2014	15
	<b>Total</b>		<b>285</b>

### **Other Activities**

01. Provide repair services to the C.M.E's Shops.
02. Functioning Railway Sports Festival.
03. Conducting efficiency & protecting programme.
04. Organizing " Dengi prohibition" programmes.
05. Assembling Railway Engine.
06. Provide training facilities to the Air Lanka employee.
07. Conducting programmes for health care.

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## **15. Planning Unit**

Planning unit directed by Director planning & major objective is railway resources planning effectively & efficiently. Coordinating sub department & guiding is also responsibility of that unit. The following shows major projects running currently & expected projects which are expected to implement near future.

### **Task completed in year 2016**

1. Prepared action plan for year 2016.
2. Prepared corporate plan for 2013 to 2016.
3. Prepared progress reports for quarterly, monthly & annually & presented to the ministry of transport.
4. Prepared progress reports over Rs.50 Mn projects to the ministry of transport.
5. Prepared progress reports & power point presentations.
8. Prepared procurement plan for Railway Department
9. Prepared progress report for the parliament.
10. Prepared progress reports for the annual parliament budget speech all three official language.
12. Prepared progress reports according to railway sub districts.
13. Prepared “Future Project Concept Proposals” & getting approvals from Ministry of Transport.
14. Prepared power point presentation for annual departmental budgets.

### **Projects that expected to implement in future.**

1. Railway line construction for Dambulla/Kurunagala/Habarana.
2. Railway Electrification in Colombo suburban area. Panadura - to Weyangoda.
3. Upgrading Kv Line.
4. Installing new Signalling System from Rabukkana to Wadduwa.
5. Installing new signalling System from Matara to Beliaththa
6. Installing new signalling system from Ragama to Negombo.
7. Reconstructing east railway line Gal Oya, Trincomale to Batticalo.

## **16 . GENERAL**

### **Railway Institutes**

Facilities were provided to the staff for reading and recreation through the Railway Institutes situated at Colombo, Maligawatta, Dematagoda, Ratmalana, Kadugannawa, Kandy, Nawalapitiya, Nanuoya, Anuradhapura, Trincomalee and Batticaloa. These Institutes offered various forms of recreation both indoor and outdoor and were well patronised by members. Although these institutes were self-supporting and managed by them-selves, assistance by way of grants from a departmental fund was given to run them satisfactorily. In 2016 there were 111 registered & activated trade unions.

**END**

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