

SRI LANKA RAILWAYS

ADMINISTRATION REPORT - 2017



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 2017), 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 2017

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.	<u>Northern Line</u> 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.	<u>Talaimannar Line</u> 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
	Total	1460.91 km

Organisation

General Manager is the Chief Executive and the Accounting Officer of the Railway Department, responsible to the Ministry of Transport. The General Manger 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 2016 & 2017

No.	Description	2016	2017	Inc/(Dec)	%
1.	Operated Train kms – Passenger Trains	11,075,288	10,685,915	(-389,373)	(-3.52 %)
2.	Operated Train kms – Goods Trains	400,839	544,070	143,231	35.73 %
3.	Operated Train kms – Empty Coaches	109,618	72,506	(-37,112)	(-33.86 %)
4.	Operated Train kms – Light Loco	89,772	94,683	4,911	5.47 %
5.	Operated Train kms – Special Trains	245,491	281,524	36,033	14.68 %
	Total Train kms	11,921,008	11,678,698	(- 242,310)	(-2.03 %)

The above table shows the 2017 operated train km's performance. According to this table the total operated train km's has decreased by 242,310. The reason was last year December union strike. It was a 2.03 % decrease compared to the last year. Compared to last year the goods operated train km's has increased.

1.2 Summary of Track Length in 2017

No.	Description	Year - 2017
1.	Total Track Length	1460.91 kms

In 2017 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

No.	Description	Year - 2017 (kms)
1	Total Route Length (With All Gauges)	1,712.74 kms
2	Single Track	1,402.91 kms
3	Dual Track	261.32 kms
4	Third Line	40.93 kms
5	Fourth Line	7.58 kms
6	Track Gauge	1676 mm
7	Ruling Gradient	1:44
8	Ruling Curvature	5 ch (100m)

1.2 No of Passenger & Passenger kms Comparison

No.	Description	2016	2017	Inc/Dec	%
1.	No of Passengers	136,048,880	136,662,995	614,115	0.45 %
2.	Passenger kms	7,413,116,298	7,495,063,930	81,947,632	1.11 %

During the year Railway operated 7,495,063,930 passenger kilometres and transported 136,662,995 passengers compared to 7,413,116,298 passenger kilometres and 136,048,880 passengers of previous year, recording increase of 81,947,632 passenger kilometres and increase of 614,115 no of passengers.

1.3 No of Train Trips Comparison

No.	Description	2016	2017	Inc/Dec	%
1.	No of Passenger Trains Trips	122,621	152,005	29,384	23.96 %
2.	No of Goods Trains Trips	6,126	6,590	464	7.57 %
	Total Trains Trips (Passenger & Goods Trains Trips only)	128,747	158,595	29,848	23.18 %

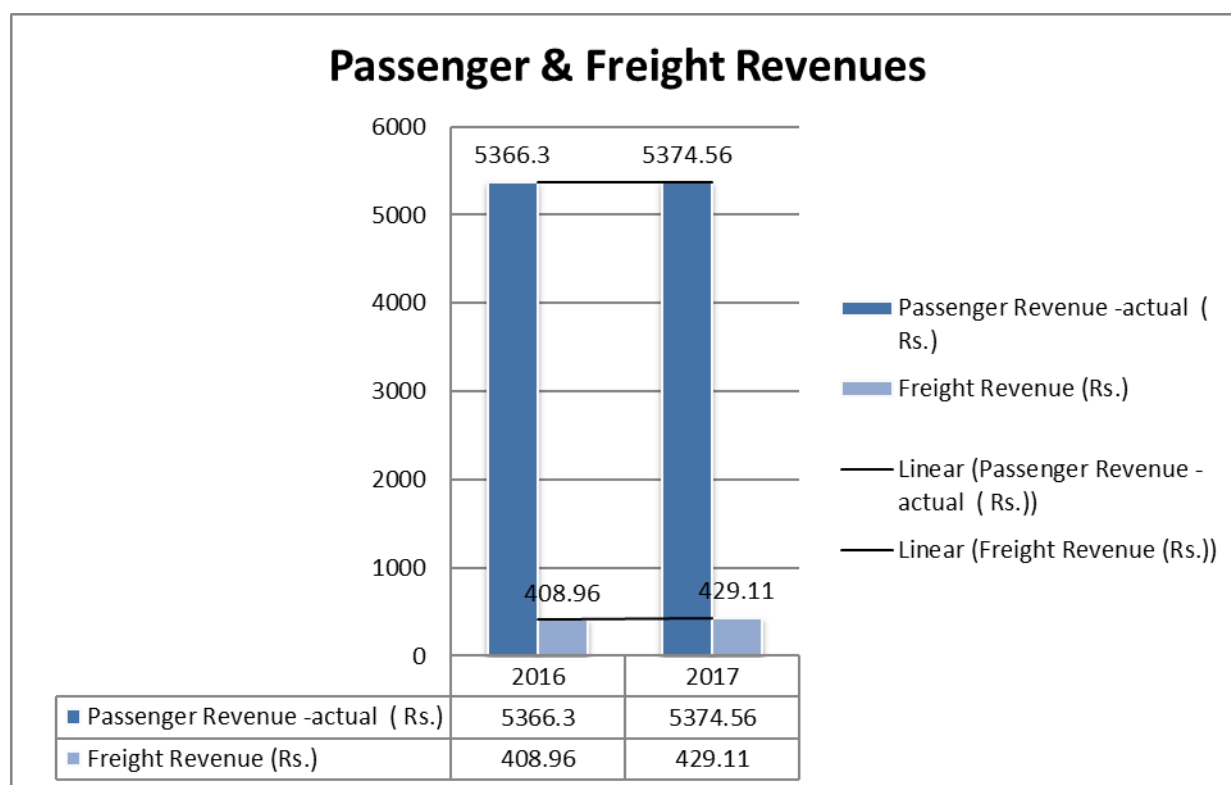
Compared to previous year, In Year 2017 the total train's trips were increased by 29,848 trips & (23.96 %). The no of good trains' trips increased significantly & it was gone up by 464 trips & (7.57 %). During the 2017 the no of passenger trains trips were increased by 29,384 trips.

1.4 Railway Passenger & Freight Revenue Comparison

No.	Description	2016	2017	Inc/Dec	%
1.	Passenger Revenue (Rs.) (According to CAR – cash basis)	5,366,308,714.38	5,357,913,713.46	(-8,395,000.92)	(-0.16 %)
	Passenger Revenue (Rs.) (According to PCO – Actual/Accrued basis-2017)	5,366,308,714.38	5,374,564,733.58	8,256,019.57	0.15%
2.	Freight Revenue (Rs.) (According to CAR)	408,964,418.89	429,111,893.20	20,147,474.31	4.93 %

Compared to previous year the CAR passenger revenue has decreased in Rs. 8,395,000.92 & (-0.16 %)

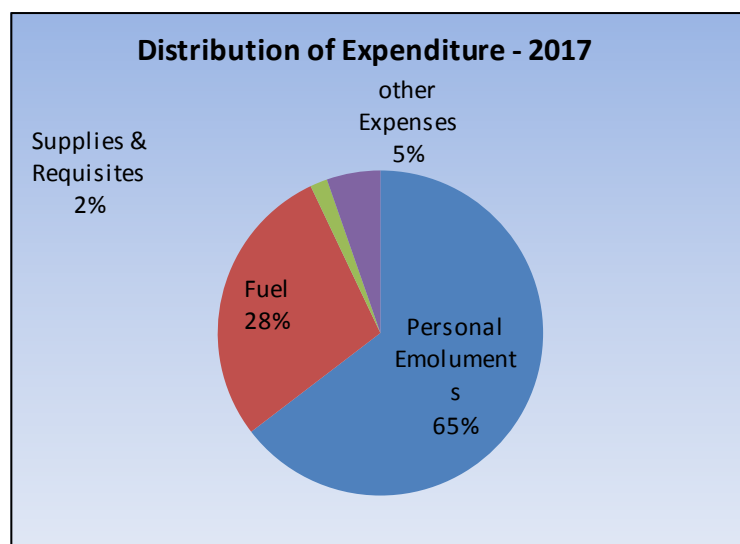
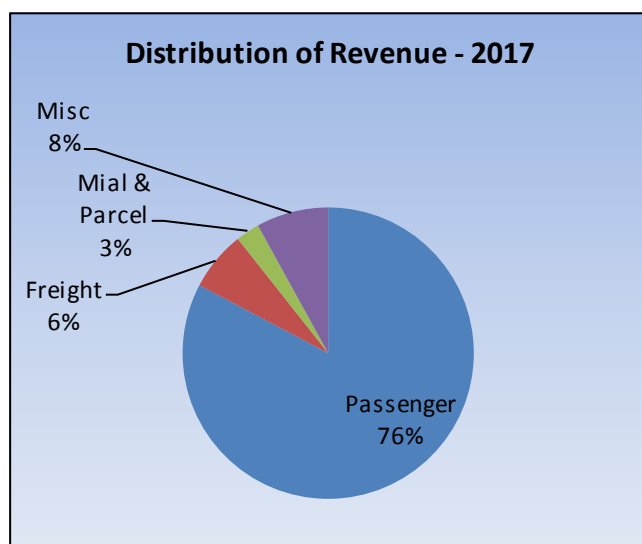
* CAR passenger revenue collection based on cash basis. When considering the freight revenue, it has increased by Rs. 20,147,474.31 & 4.93 %.



02. FINANCIAL STATISTICS

(Financial Statistics According to CAR)

Item	2016 (Rs.)	2017 (Rs.)	Increase/ (Decrease) (Rs.)	Inc (Dec) %
<u>Revenue</u>				
- Passenger	5,366,308,714.38	5,357,913,713.46	(- 8,395,000.92)	-0.16 %
- Freight	408,964,418.89	429,111,893.20	20,147,474.31	4.93 %
- Mail & Parcels	169,351,888.13	171,273,524.13	1,921,636.00	1.13 %
- Miscellaneous	678,745,535.33	518,818,726.23	(159,926,809.10)	-23.56 %
- Total	6,623,370,556.73	6,477,117,857.02	(146,252,699.71)	-2.21 %
<u>Recurrent Expenditure</u>				
- Personal Emoluments	8,735,594,840.34	9,096,595,521.01	361,000,680.67	4.13 %
- Fuel	3,704,954,672.65	3,991,162,520.39	286,207,847.74	7.73 %
-Supplies & Requisites	213,569,482.86	242,064,487.35	28,495,004.49	13.34 %
- Other Expenses	742,168,806.89	750,835,497.29	8,666,690.40	1.17%
- Total	13,396,287,802.74	14,080,658,026.04	684,370,223.30	5.11 %
<u>Loss on Recurrent Exp</u>	6,772,917,246.01	7,603,540,169.02	830,622,923.01	12.26 %

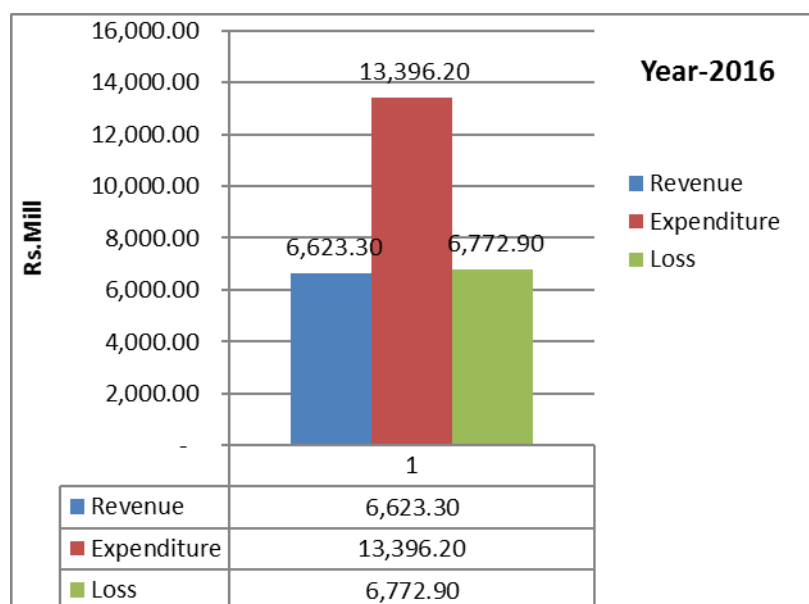


Financial Statistics in 2017

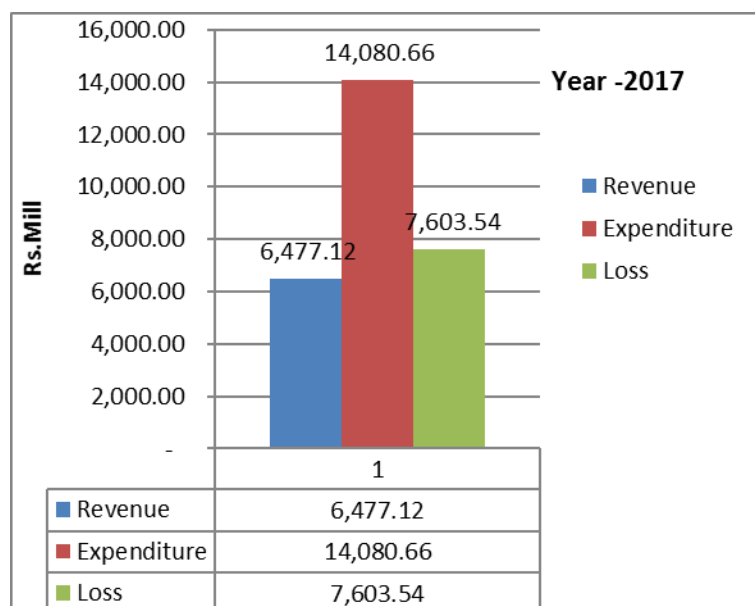
When compared with the previous year, passenger revenue has decreased by - 0.16 per cent from Rs. 5366.3 million to Rs.5357.9 million during the year under review. Freight revenue has increased by 4.93 per cent from Rs 408.9 million to Rs. 429.1 million. The revenue from parcel and mail transport has increased by 1.13 per cent from Rs. 169.3 million to Rs. 171.2 million and miscellaneous revenue has decreased by -23.56 per cent from Rs. 678.7 million to Rs.518.8 million during the year under review. In the recurrent expenditure, personal emolument has increased by 4.13 per cent from Rs. 8735.5 million to Rs. 9096.6 million. The expenditure on fuel has increased by 7.73 per cent from Rs. 3704.9 million to Rs. 3991.1 million. The expenses of supplies and requisites have increased by 13.34 per cent from Rs. 213.5 million to Rs. 242.1 million and other expenses has increased by 1.17 per cent from Rs. 742.1 million to Rs. 750.8 million. In relation to the previous year the final accounting records reveal that the total revenue has decreased and total recurrent expenditure has increased. The overall recurrent expenditure of Rs 14,080.66 million over the overall revenue of Rs. 6,477.11 million has resulted in an operating loss of Rs. 7,603.5 million during the year.

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

Operating Results - 2016



Operating Results – 2017



Receipts

Total receipts from all sources of income decreased by Rs.146.25 million & -2.21 per cent in the year under review when compared with the previous year, passenger revenue has decreased by Rs 8.40 million & - 0.16 per cent. Freight revenue has increased by Rs. 20.15 million & 4.93 per cent. The parcel and mail revenue has increased by Rs. 1.92 million & 1.13 per cent and the miscellaneous revenue has decreased by Rs. 159.92 million & -23.56 per cent over the previous year.

Expenditure

The total recurrent expenditure increased by Rs. 684.37 million, from Rs. 13,396.28 million in the previous year to Rs.14,080.69 million or 5.11 per cent during the year. The fuel expenditure has increased by 7.73 per cent from 3704.95million to 3991.16 million in this year. Supplies & requisites have increased by Rs. 242.06 million or 13.34 per cent during the year. Personal emoluments have increase of Rs. 361 million or 4.13 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. Internal Audit section consist of chief internal Auditor, Administrative officer & 15 of internal audit staff & 4 office aids.

Finished Audit Tasks

Railway Stations	63
Railway Sub-Stations	66
Telecommunication and Signal offices	01
Running Sheds	01
Inspector of permanent Way, - Sections	07
Inspector of Building, - Sections	06
Security Offices	04
Shops/stores	06
Accounting Section	02

Internal Audit Quarries

No.	Descriptions	No of Audit Quarries
1.	Audit quarries	23
2.	Finished audit tasks	23

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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 – Line Wise – Year 2017

No.	Line Name	No of Stations	No of sub Stations	No of Train Halt	Total Stations
1.	Main Line	47	33	26	106
2.	Matale Line	6	6	12	24
3.	Puttalam Line with Airport Spur	19	25	0	44
4.	Northern Line	31	25	17	73
5.	Talaimannar Line	7	4	0	11
6.	Batticaloa Line	14	17	5	36
7.	Trincomalee Line	4	2	1	7
8.	Coast Line	37	31	0	68
9.	Kelani Vally Line	11	19	7	37
10.	Mihintale Line	1	0	2	3
11.	Kolonnawa Spur	2	0	0	2
12.	Harbor Spur	0	0	0	0
	Total	179	162	70	411

According to the statistics of 2017, 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

No.	Month	Passenger Trains kms	Goods Trains kms	Empty Coaches kms	Light Loco Kms	Special Trains Kms	Total kms
1.	Jan	928,928	42,585	9,290	8,190	25,296	1,014,289
2.	Feb	838,843	44,741	5,337	7,029	20,535	916,485
3.	March	942,018	53,661	5,415	7,070	26,279	1,034,443
4.	April	882,378	41,943	5,434	5,835	27,261	962,851
5.	May	905,464	44,714	5,693	9,232	24,242	989,345
6.	June	899,389	45,485	5,201	8,070	25,123	983,268
7.	July	928,179	44,882	6,860	9,801	14,764	1,004,486
8.	Aug	939,228	49,382	5,954	7,810	24,093	1,026,467
9.	Sept	904,285	48,105	6,341	10,003	22,559	991,293
10.	Oct	893,857	45,999	6,359	8,635	22,296	977,146
11.	Nov	899,784	45,635	5,931	8,304	19,457	979,111
12.	Dec	723,562	36,938	4,691	4,704	29,619	799,514
	Total	10,685,915	544,070	72,506	94,683	281,524	11,678,698

Passenger Train kms :-

Passenger trains have covered a total of **10,685,915** 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 **544,070** Kilometres in the year 2017.

Special Trains kms :-

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

No.	Special Event in 2017	No of special Trains
1.	Thalawila Festival – March	09
2.	Sinhala Hindu New Year Festival – April	24
3.	Wesak Festival – May	14
4.	Poson Festival – June	28
5.	Pichcha mal Poojawa Festival – July	06
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
	Total Special Trains Run in 2017	118

New Applications 2017 :-

No.	Line	Train No.	Date	From	To	Remarks
1.	Main Line	RB.09	14/01/2017	KDT	GPL	New
		RB.10	14/01/2017	GPL	PDA	New
		RB.11	14/01/2017	PDA	GPL	New
		RB.12	14/01/2017	GPL	PDA	New
		1025	20/01/2017	FOT	MTL	New
		2640	20/01/2017	MTL	KDT	New
		1026	21/01/2017	MTL	FOT	New
		RB.10	07/03/2017	PDA	KDT	Extended PDA/KDT
		RB.11	07/03/2017	KDT	PDA	Extended KDT/PDA
		1175	04/09/2017	MIR	PLG	Extended MIR/PLG
		1592	04/09/2017	PLG	MIR	Extended PLG/MIR
3.	Northern Line	4077	20/02/2017	KKS	JFN	Extended KKS/JFN
		4090	20/02/2017	KKS	JFN	Extended KKS/JFN

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.

Daily Train Schedule in 2017 Line Wise

No.	Train Operated in weekdays	No of Trains Run
1	Passenger & Mixed Trains	352
2	Rail buses	23
3	Good Trains	5
4	Oil Trains	18
	Total	398

No	Line Name	No of Trains
1	Main Line & Matale Line	159
2	Puttalam Line with Airport Super	42
3	Northern Line	37
4	Talaimannar Line (Closed)	4
5	Batticaloa Line	8
6	Trincomalee Line	6
7	Coast Line	111
8	Kelani Vally Line	27
9	Mihinthale Line	0
10	Kolonnawa Spur	4
11	Harbor Spur	0
	Total	398

No.	Line	Passenger	Goods Trains	Oil Trains	Rail Bus	Total
1	Main Line & Matale Line	144	3	2	10	159
2	Northern Line	25	2	2	8	37
3	Talaimannar Line (Closed)	4	0	0	0	4
4	Batticaloa Line	8	0	0	0	8
5	Trincomalee Line	6	0	0	0	6
6	Puttalam Line	34	0	8	0	42
7	Coast Line	109	0	2	0	111
8	Kelani Vally Line	22	0	0	5	27
9	Kolonnawa Spur	0	0	4	0	4
	Total	352	5	18	23	398

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

Type of Train	2016	2017
Passenger	11,075,287	10,685,915
Freight	400,837	544,070
Other	444,883	448,713
Total	11,921,007	11,678,698

* 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 transport . Other includes service special and light loco.

Summary of Engine and Train kilometres

The following figures compare the train and engine kilometres for the years 2016 and 2017. It indicates better utilisation of rolling stock.

	<u>2016</u>	<u>2017</u>
Engine kilometres	15,007,440	13,528,368
Train kilometres	11,921,007	11,678,698



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	
	2016	2017	2016	2017	2016	2017	2016	2017
Jan	9957	10585	40%	44%	15%	16%	45%	41%
Feb	9437	9521	37%	41%	15%	16%	48%	44%
Mar	10119	10885	41%	42%	15%	16%	46%	42%
Apr	9381	9681	42%	48%	14%	15%	44%	38%
May	10257	10232	37%	43%	13%	14%	49%	43%
Jun	10591	10130	42%	42%	15%	15%	43%	43%
Jul	10475	10545	43%	45%	14%	15%	42%	40%
Aug	10542	10673	43%	45%	15%	14%	41%	41%
Sep	10238	10251	44%	45%	15%	15%	41%	40%
Oct	10586	9859	42%	44%	16%	14%	42%	42%
Nov	10321	10076	41%	45%	16%	14%	43%	41%
Dec	10717	7873	46%	45%	16%	46%	38%	41%
Total	122,621	120,311	42%	44%	15%	15%	43%	41%
Avg per day	336	330						

Accidents

Nature of Accidents	2016	2017
• Derailments – Running Line	46	29
• -Yard	79	70
• Collision with road vehicles at level crossing	84	86
• Collision with coaches and wagons	04	02
• Other mishaps (Such as trailing through points etc.)	01	01
• Fires	01	0
• Cattles knocked down & died	38	27
• Elephants knocked down and killed	12	03
• Damage to level crossings and gates by road vehicles	506	494

Particulars of public involved incidents.

Description	2016		2017	
	<u>Number Injured</u>	<u>Number Killed</u>	<u>Number Injured</u>	<u>Number Killed</u>
➤ 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:	75	01	70	04
➤ Non movement accidents- pelting of stones etc:	26	03	17	--
➤ Accidents to people as a result of collision - with road traffic at level crossings:	47	14	59	12
➤ Accidents due to doors of carriages - found open etc:	01	--	02	--
➤ Non movement accidents; accidents to people - on account of trespass on rail track, suicide and misadventure:	256	180	260	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 2017 was as follows. (The figures as provided by the AO – Appointments)

General Administration	203
Accounting	399
Costing & statistics	11
Stores	260
Protection Force	531
Transportation	3349
Commercial & Marketing	71
Motive Power	1963
Mechanical Engineering	2556
Way and work	4900
Signal & Telecom	509
German Tech	24
Substitute Employees	<u>1200</u>
Total	<u>15,976</u>

Payment of Compensation:

During the year under review a sum of Rs. 4,461,990/- 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.

Nature of Accident	No of Cases	Amount paid (Rs.)
Deaths (Accidental)	3	4,461,990.00
Disabilities: (Accidents)	-	-
Total	-	4,461,990.00

Pensioned Officers in 2017

No.	Name	Designation	Sub Department	Pension Date
01.	Mr.B.A.P.Ariyaratna	G.M.R	G.M.R .Office	2017.08.26
02.	Mr.H.M.T.N.Nalaka Bandara	G.M.O	G.M.R .Office	2017.05.08
03.	Ms.G.L.P. Thennakoon	A.O.(Private)	G.M.R .Office	2017.07.26
04.	Mr.P.G.T.V.Wickramathunaga	Training Officer	German Teach.	2017.01.16
05.	Mr.M.A.Wimaladasa	Teacher	German Teach.	2017.03.03
06.	Mr. P.H.I. Kusumasana	Teacher	German Teach.	2017.07.26
07.	Mr. W.A.R. Ranathunga	S.R.S	S.R.S	2017.07.14
08.	Ms. Lanka Hinguruđuwa	S.R.S	S.R.S	2017.09.02

Scholarships & Educational Tours:

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

No.	Name	Country & Course
1.	No Participation	TRAINING SLOTS UNDER THE INDIA TECHNICAL ECONOMIC COOPERATION (ITEC) AND TECHNICAL COOPERATION SCHEME OF COLOMBO PLAN (CP) SCHOLARSHIP SCHEME – GOVERNMENT OF INDIA FOR YEAR 2016 -2017
2.	1. E.M.S.K.P.DEEGALA - D.Y.CO(B) 2. P.J.PREMATHILAKA - D.E.(C)	INVITING FOR JOINT INSPECTION ON THE FIRST BATON OF CONCRETE SLEEPERS MATHARA – KATHARAGAMA NEW RAILROAD EXTENSION PROJECT INDIA
3.	1. D.K.L.P.KUMARA – D.E (C) 2. G.D.D.P.RANASINHA – A.D.E (C)	INVITATION FOR INSPECTION OF BRIDGE GIRDERS – 2017.02.20 TO 2017.02.25
4.	1. MR.T.J.E.YASAPALITHA – ENG 2. MR: K.G.C.S.KANDEGAMA ENG 3. MR:P.P.R.PIERIS 4. MR:R.P.LIYANAGE 5. MR:H.A.N.HETTIARACHCHI 6. G.B.S.U.BOTHEJU 7. MR K.A.N.DHARSHANA. 8. MR S.A.C.J.KUMARA 9. MR .B.G.S.MENDIS 10. MR:R.A.D.N.RANAWEERA	INVITATION FOR TRAINING POWER SYSTEM AND LOCOMOTIVE CONTROL SYSTEM FOR M9 LOCOMOTIVES - INDIA
5.	1. K.P.D.S.CHANDRAKUMARA - INSTRUCTOR	TECHNICAL TRAINING PROGRAMME ON KTS 570 VEHICLE DIAGNOSTIC SCANNER IN INDIA
6.	1. V.M.N.N.WISSUNDARA - D.T.I	URBAN PUBLIC TRANSPORT FROM 2 ND

	2. M.D.S.WICKRAMASINGHE - S.M.I	JULY TO 5 TH AUGUST 2017 JAPAN
7.	1.MR:S.G.PREMAKUMAR- (ENG/C.E.W)	KOREA RAILWAYS AND LOGISTICS FAIR 2017 JUNE 14 TH – 17 TH
8.	1.MRS:A.M.P.NILANTHI - Accountant	SECOND COUNTRY STUDY VISIT DIPLOMA IN PUBLIC PROCUREMENT AND CONTRACT ADMINISTRATION (DIPPCA)
9.	1.MR:M.H.M.AFLAH - (TECHNICAL ASSISTANT)	INVITATION AND PROGRAM USIC GENERAL MEETING 2017 IN VIENNA AUSTRIA
10.	1.W.G.A.L.SIRIWARDHANA (MECH:ENG)	PROCUREMENT FOR THE PURCHASE OF 2000 NO 5,CARRIGE CEILING FAN PROCUREMENT OF NO SRS F/7372
11.	1.E.M.DHARMASIRI E.ENGINEER(POWER) 2.K.S.R.R.ARIYARATHNA SIGNAL ENGINEER 3.K.P.O.KARUNANAYAKE SUP.MAN (WORKSHOP) 4.K.L.A.R.FRENANDO DISTRICT INSPECTOR (SIG AND TELOCO)	2017 SEMINAR OF ELECTRIFIED RAILWAY POWER SUPPLY MANAGEMENT TECHNIQUES FOR DEVELOPING COUNTRIES 6 TH JUNE 2017 TO 03 RD JULY 2017 – CHINA
12.	1.K.K.HEWAWITHANA - D.C.E.M	URBAN RAILWAYS MANAGEMENT – FROM 05 TH NOVEMBER TO 2 ND DECEMBER 2017 JAPAN.
13.	1.S.MOHAN - A.D.E (N) 2.G.D.D.P.RANASINGHE – A.D.E (C) 3.S.GODAGE - A.D.E (C)	2017 SEMINAR ON RAILWAY ENGINEER ING MANAGEMENT CONSTRUCTION FOR DEVELOPING COUNTRIES FROM 23 RD JUNE 2017 TO 20 TH JULY CHINA
14.	1.W.G.T.L.WICKRAMARATHNA – C.M.E	GREEN FREIGHT AND LOGISTICS DEVELOPMENT FROM 21 ST AUGUST 2017 TO 02 ND SEPTEMBER 2017
15.	1.H.M.S.B.HERATH – S.T.I	2017 SEMINAR FOR SENIOR

	2.P.N.K.R.WEHALLA –S.T.I 3.H.M.KARUNARATHNA –S.T.S 4.K.C.R.NAVARATHNA –S.M.I	TECHNICAL STAFFS OF RAILWAY SIGNAL MANAGEMENT FOR DEVELOPING COUNTRIES FROM 11 TH TO 31 ST JULY 2017 – CHINA
16.	1.H.S.C.L.JAYATHILAKA.- DEM 2.P.S.P HEENATIGALA - D.T.I.	REGIONAL COOPERATION PROGRAMME TWENTY SECOND TRAINING COURSE 02 TO 17 SEPTEMBER 2017 – INDIA
17.	1.U.K.L.W.GUNAWARDANA - S.EN 2.A.D.A.U.JAYASINGHE - S.EN	PROCUREMENT OF SUPPLY INSTALLATION TESTING AND HANDING OVER 25 WOS. OF DOUBLE LINE AND MS KOS OF SINGLE LINE LEVELLED LEVEL CROSSING PROTECTION SYSTEM INCLUDING TRAINING TO SIR LANKA RAILWAYS PROCUMENT NO SRS/ F 7089
18.	1.SUNIL BATUWANTHUDAWA C.F.O 2.W.P.S.K.FERNANDO- ACCOUNTANT 3.S.G.PREMKUMR - C.E.W	P.I.M. INTERNATIONAL MANAGEMENT PROGRAMME IN THAILAND
19.	1.R.M.P.N.K.RAJAPAKSE - S.M 2.H.M.A.DIMUTHU - S.M 3.V.M.N.N.WISSUNDARA – Ast – Trans. 4.K.A.GUNRATHNA - S.M- SS.MDA	2017 SEMINAR ON APPLICATION OF URBAN RAIL TRANSIT FOR DEVELOPING COUNTRIES FROM 08 TH TO 28 TH AUGUST 2017 – CHINA
20.	01.H.A.D.SEPALIKA ACCOUNTANT (TRAFIC) 02.W.P.I.UDAYANGANIE ACCOUNTANT 03.N.H.SUMINDA ACCOUNTANT	2017 SEMINAR ON OUTWARD ECONOMY FOR DEVELOPING COUNTRIES FROM 27 TH SEPTEMBER TO 17 TH OCTOBER 2017 – CHINA
21.	01.MR.R.M.P.N.K.RAJAPAKSHA (S.M.I)	2017 SEMINAR ON AVIATION SECURITY RISK MANAGEMENT FOR “THE BELT AND ROAD INITIATIVE COUNTRIES FROM AUGUST 16 TH TO SEPTEMBER 4 TH 2017 COMMERCIAL TRAINING CENTRE OF DEPARTMENT OF COMMERCE OF HAINAN PROVINCE CHINA

22.	01.A.M.D.S.SDELIF FORMEN (MOTIVE POWER)	FELLOWSHIP AWARDS TO THE MINISTRY OF RAILWAY OF SRI LANKA IN 114 TH ADVANCED RAILWAY COURSE TO BE HEAD AT PAKISTAN RAILWAY ACADEMY ,WALTON LATTORE FROM 36 TH OCTOMBER TO 30 TH JANUARY 2018
23.	01.J.A.D.R.PUSHPAKUMARA (DIRECTOR PLANING)	2017 CAPACITY BUILDING SEOUL PROGRAM BUILDING LEADERS IN URBAN TRANSPORT PLANNING (WTP) SEPTEMBER 10 TH 16 TH SEOUL KOREA
24.	1.H.M.K.W.BANDARA (DEPUTY CHEEP ENGINEER) TRACK AND PROJECT	PROCUREMENT OF 1500 NO 5 EN 45 EI RAILS (LENGTH 45 FEET, GRADER 350HT TO SRI LANKA RAILWAYS PROCUMENT NO SRS/F 7279
25.	1.MR.K.G.S.BANDARA - D.M.E	REQUEST FOR MAKING ARRANGEMENTS FOR INSPECTION OF 03 SETS OF SYNCHRONIZED JACKS PURCHASED UNDER PROCUREMENT NO SRS F/ 7383
26.	1.W.G.T.L.WICKRAMARATHNE - C.M.E	PURCHASE OF SPARES FOR WILLASS LOCOS INDENT NO SRS (C) RW3431/16 ITEM NO. 1.
27.	1.S.H.FERNANDO - CHIEF ACCOUNTANT (F) 2.W.A.U.I.WIJERATNA - ACCOUNTANT	P.I.M. INTERNATIONAL MANAGEMENT PROGRAMME IN THAILAND
28.	1.D.A.NAYANANANDA - DIRECTR (ADMIN)	SLAS CLASS I SECOND COUNTRY EXPOSURE, TOURAS A PART FULLFILLMENT OF THE CAPACITY BUILDING PROGRAMME (11-17) NOV 2017 KULALA LUMPUR MALASIA
29.	1.ENG:S.M.ABEYWICKRAMA (G.M.R)	OFFICIAL INVITATION TO REGIONAL EST TRAINING COURSE ON RAILWAY AS THE LOW CARBON AND

		SUSTAINABLE TRANSPORT DEVELOPMENT SOLUTION IN ACHIEVING SAFE INCLUSIVE EFFICIENT AND RESILIENT COMMUNITIES UNDER THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT” 26th FEBRUARY TO 2 ND MARCH 2018 TOKYO JAPAN.
30.	- No Participation.	MASTER IN PUBLIC POLICY (PUBLIC ECONOMICS) 2018/2019 JAPAN.
31.	1.MR.E.M.S.P.K.DEEGALA (ENGINEER)	INVITATION OF INSPECTION FOR STATION BUILDING FINISHING MATERIAL AND FIRE FIGHTING EQUIPMENT IN CHINA – MATARA – KATARAGAMA NEW RAILROAD EXTENSION PROJECTS.
32.	1.MRS.C.U.KEERTHIRATHNA (M.ENG)	REGIONAL COOPERATION PROGRAMME TWENTY THIRD TRAINING COURSE 03 TO 18 MARCH 2018.
33.	1.W.P.S.K. FERNANDO. Chief Auditor	INTERNATIONAL PROGRAMME ON MANAGEMENT AUDITING FOR THE PUBLIC SECTOR INTERNAL AUDITORS AT OPEN UNIVERSITY OF MALAYSIA FROM JANUARY 16-23 , 2018.

05. COMMERCIAL ACTIVITIES

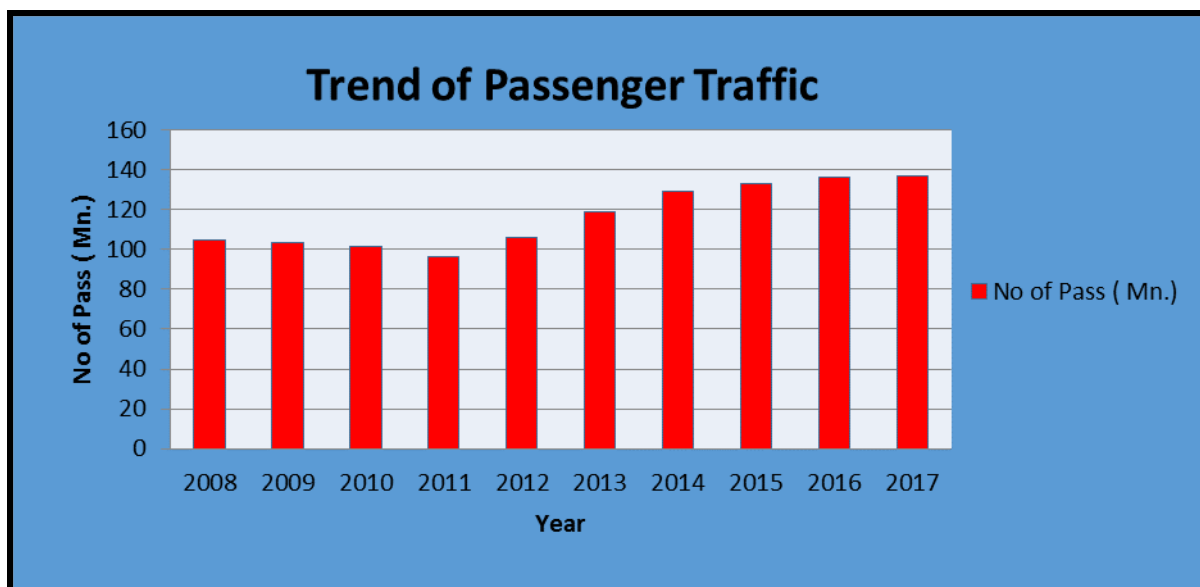
The commercial activities of the railway department come under the purview of the commercial sub department. The Commercial Superintendent is the head of this sub department and assisted by both Deputy Commercial Superintendent and assistant commercial superintendents in handling commercial matters. 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

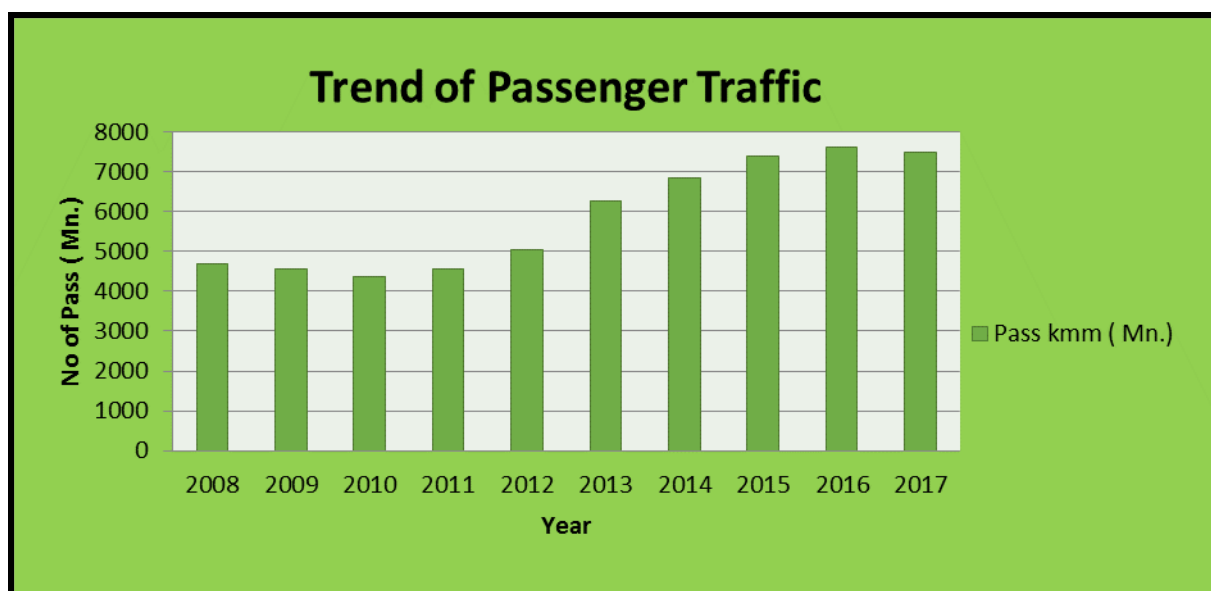
During the year Railway operated 7,495,063,930 passenger kilometres and transported 136,662,995 passengers compared to 7,413,116,298 passenger kilometres and 136,048,880 passengers during the previous year, recording increase of 81,947,631 passenger kilometres (as percentage 1.11 %) and increase of 614,115 passengers (as a percentage 0.45 %).

Revenue earned from passenger traffic during the year was Rs. 5,357,913,713.46 compared to Rs. 5,366,308,714.38 during the previous year, and decrease of Rs 8,395,000.92 .

** 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.



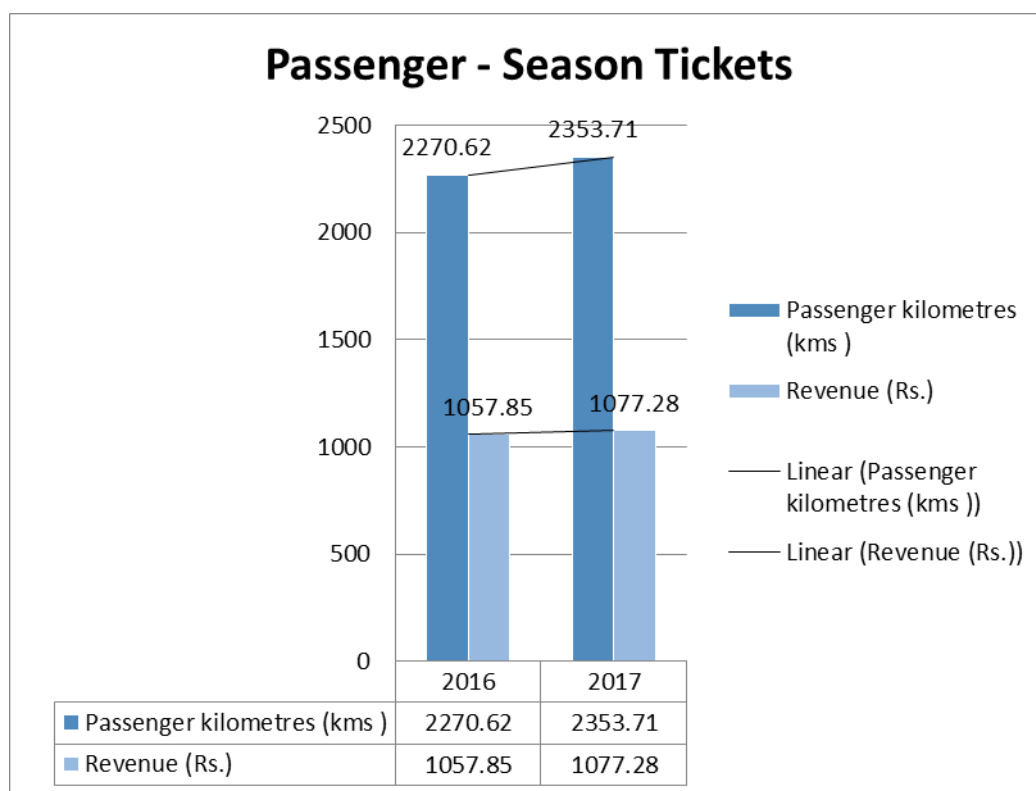
In addition to the revenue earned from ordinary and season ticket passenger traffic, railway has earned Rs. 518,818,726.23 as miscellaneous revenue during the year against Rs. 678,745,535.33 the previous year.

Sales & Marketing Division Generated Income - In 2017

No.	Description	Income (Rs.)
1.	Postal & Parcel Transport Income	Rs.170,936,453.13
2.	Freight & Animals Transport income	Rs. 429,111,893.20
3.	Advertisement Income	Rs.18,196,506.36
4.	Limestone Transport Income	Rs. 64,996,124.68
5.	Luxury Train Reservations (Expo/Rajadhani)	Rs. 8,733,760.00
6.	Holicym Cement Rent Income	Rs. 31,015,037.11
7.	Mini - Stall Income	Rs. 10,596,860.00
8.	Railway station Canteen Income	Rs. 66,022,518.87
9.	Railway Stores Income	Rs. 44,014,856.52
10.	Temporary Rent Reservation Income	Rs. 172,500.00
11.	Milk Shop Income	Rs. 662,400.00
12.	Books & Newspaper Stall Income	Rs. 1,450,185.80
13.	Lottery Stall Income	Rs. 168,300.00
	Total	Rs. 846,077,395.67

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

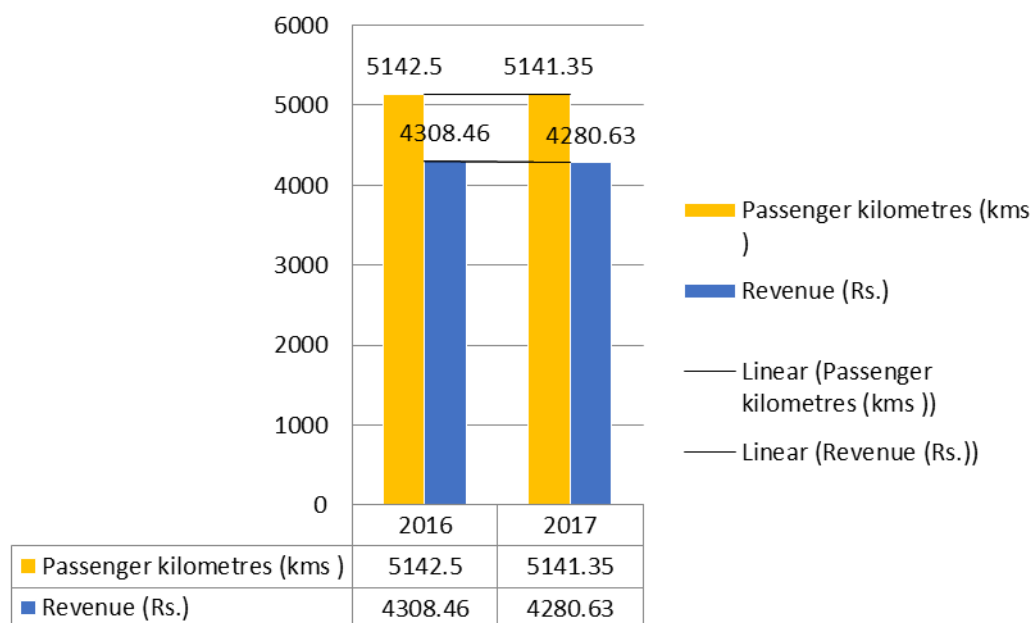
Description	2016	2017
Number of passengers	67.08	69.46
Passenger kilometres (kms)	2270.62	2353.71
Revenue (Rs.)	1057.85	1077.28



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

Description	2016	2017
Number of passengers	68.97	67.20
Passenger kilometres (kms)	5142.50	5,141.35
Revenue (Rs.)	4308.46	4280.63

Passenger - Ordinary Tickets



Axis Title

Retiring rooms :-

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

Station With Accommodation Facility

No.	Room Type	Facilities	No. of Rooms	Charge (Without VAT) +VAT (15%) in Rs.
		<u>Anuradhapura Railway Station</u>		
1.	Double Rooms	Two beds AC	01	2250.00
		Two beds non AC	04	1000.00
		Double bed non AC	04	1500.00
2.	Family Rooms	Five beds AC	01	3750.00
		Five beds non AC	02	2500.00
3.	Single Rooms	Single bed	14	900.00
		<u>Polonnaruwa Railway Station</u>		
1.	Double Rooms	Two beds non AC	17	1500.00
2.	Family Rooms	Three beds non AC	01	2500.00
		<u>Kandy Railway Station</u>		
1.	Double Rooms	Two beds non AC	04	1000.00

2.	Family Rooms	Three beds non AC	01	1200.00
		<u>Batticaloa Railway Station</u>		
1.	Double Rooms	Two beds AC	02	2250.00
		Two beds non AC	02	1500.00
2.	Family Rooms	Three beds non AC	01	2500.00
		<u>Galle Railway Station</u>		
1.	Single Rooms	Single bed non AC	02	850.00
2.	Double Rooms	Two beds non AC	04	1000.00
		Two beds AC	01	2250.00
3.	Family Rooms	Three beds non AC	01	1200.00
		<u>Mihintale Railway Station</u>		
1.	Double Rooms	Two beds non AC	06	1000.00
2.	Family Rooms	Three beds non AC	02	1200.00
		<u>Jaffna Railway Station</u>		
1.	Single Rooms	Single bed non AC	02	975.00
2.	Double Rooms	Two beds with AC		3000.00
		Two beds without AC	05	1500.00
3.	Family Rooms	Three beds with AC		5000.00
		Three beds without AC	02	2500.00
		<u>Trinco Railway Station</u>		
1.	Family Rooms	AC	01	2500.00
2.	Double Rooms	Non AC	04	1000.00

Commercial Superintend Office Generated Income - In 2017

No.	Description	Total Income (Rs.)
	<u>General Income</u>	<u>Rs.</u>
1.	Special train reservation Income	26,863,654.00
2.	Train compartment Reservation Income	18,327,990.00
3.	Fine Income (Passenger travelling without tickets)	20,374,822.00
4.	Viceroy 02 Carriage Reservation	2,229,534.00
5.	Viceroy Special Train Reservation	9,129,727.00
6.	T1 - Rail Car Reservation	7,711,023.00
	General Income	84,636,750.00
7.	Misc. Income	203,648,198.00
	COM - Office Total Income	288,284,948.00

Commercial Superintend Office Generated Misc. Income Break Down - In 2017

No.	Description	Total Income (Rs.)
	<u>Misc. Income</u>	<u>Rs.</u>
1.	A.T.M. Box Income	19,030,000.00
2.	Temporary Rent Reservation Income	3,534,0.038.00
3.	Film Screening Income	1,615,342.00
4.	Lesier Rooms Reservation Income	8,389,142.00
5.	Mobile Canteen income (In Trains)	17,177,797.00
6.	Stall Income	4,257,038.00
7.	Car Park Income	139,169,841.00
8.	Kolamb Gedera Rent Income	9,039,000.00
9.	Milk shop Income	1,436,000.00
	Misc.Total	203,648,198.00

Lease of Lands :-

Income received from existing leases of railway lands during the year is Rs. 137,034,454.16

Fare Structure :-

Passenger fares were revised upward with effect from 24th August 2018, mainly considering the fuel price increases. (Gazate No. 2085/23)

From any station / to any station	Charge per Kilometre (Rs)		
	1 class	2 class	3 class
1 Zone : 00 Km – 10 Km	4.20	2.30	1.30
2 Zone : 11 Km – 50 Km	3.80	2.10	1.20
3 Zone : 51 Km – 100 Km	3.30	1.80	1.00
4 Zone : 101Km - 200 Km	2.50	1.40	0.80
5 Zone : 201 and above	1.90	1.10	0.60

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.

Season Ticket Fare Structure

No.	Season Ticket Type	Total Value	Monthly Season Ticket Charge (Total Value %)
1	Normal Season Ticket & Zone Season Ticket	Ordinary Ticket Fare * 60	40 % (Ticket Price x 24)
2	Government Servant	Ordinary Ticket Fare * 60	15 % (Ticket Price x 9)
3	University, Technical Collage, UTC Over 12 & Under 12 School Student	Ordinary Ticket Fare * 60	10 % (Ticket Price x 6)
4	Under 12 School Student	Ordinary Ticket Fare * 60	05 % (Ticket Price x 3)
5	Railway Servant	Ordinary Ticket Fare * 60	03 % (Ticket Price x 1.8)

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	-	110	-	02	112
02.	No of Claims received and responded on account on goods parcels, luggage etc. during the current financial year.	-	94	-	04	98
03.	No of claims vide 1 and 2 settled during the year.	-	-	-	-	-
	Before 2017		39		02	41
	In the year 2017		40		04	44
04.	Balance outstanding unsettled during the year.	-	125	-		
05.	Amount paid as compensation	-	Rs. 187,776.75	-	Rs. 210,000.00	Rs. 397,776.75

Tax particulars for the year as follows :-

Quarter	VAT Income (Rs)	VAT on Purchases (Rs)	VAT on Imports (Rs)
1 Quarter	34,386,586	55,812,519	84,137,350
2 Quarter	25,229,183	90,139,242	36,078,524
3 Quarter	44,807,927	99,812,450	54,122,052
4 Quarter	41,965,032	111,625,419	28,437,985

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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.

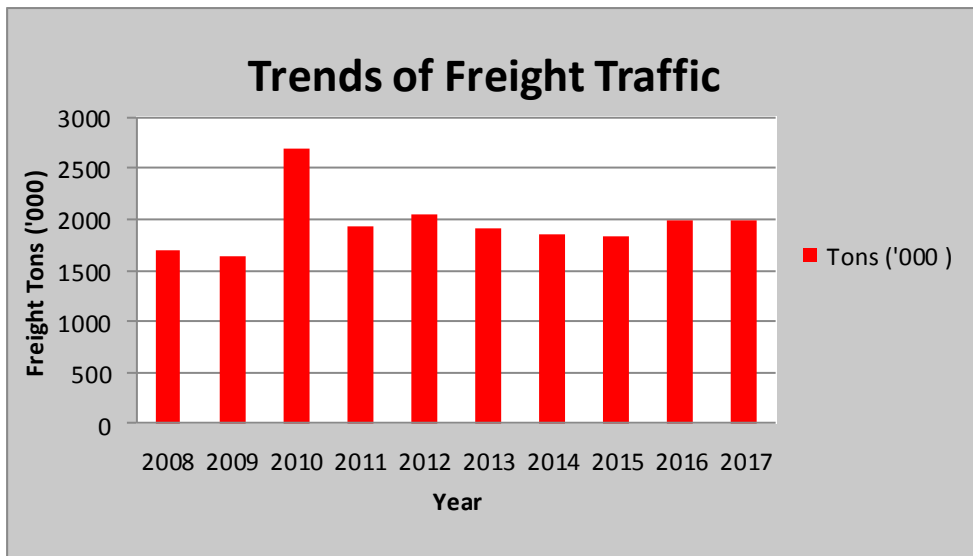
In year 2017 Sri Lanka railways came to agreement to transport coal with Holicim Lanka Pvt & recorded Coal transport income was Rs. 64,996,124.68.

Freight traffic

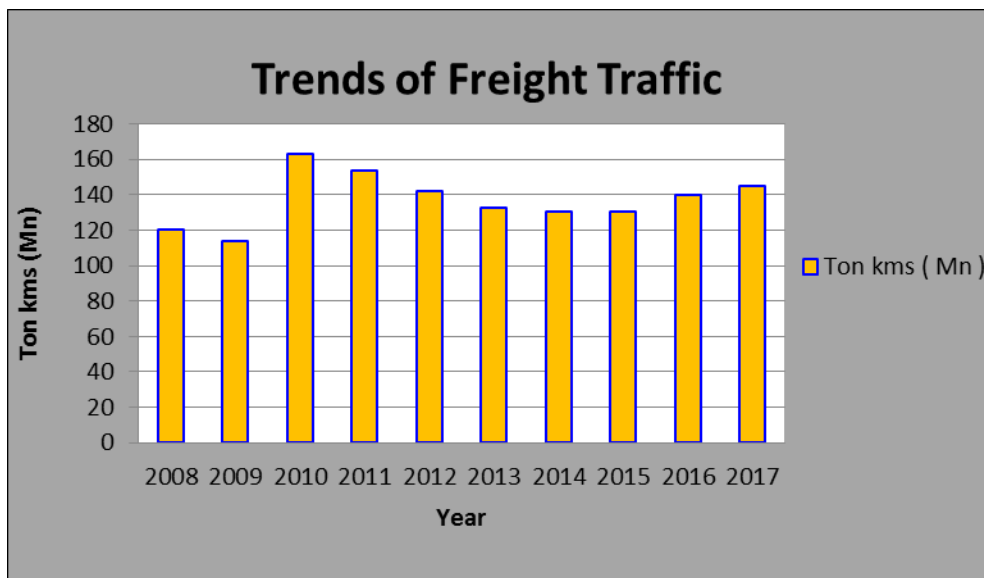
During the year 1,997,674 tonnes of goods were transported and an amount of Rs. 503,793,706.72 was earned as freight revenue. Tonne kilometres were recorded as 144,793,669.

Description	2016	2017
Tonnage carried	1,982,815	1,997,674
Ton Kilometres	139,907,872	144,793,669
Freight revenue (Rs.) (<i>According to PCO data – Accrued Basis</i>)	491,000,853.00	503,793,706.72

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.170,936,453.13 during the year compared to Rs. 169,351,888.13 during the previous year.

Rent-out warehouses :-

An income of Rs 62,675,175.10 was earned from renting out warehouses during the year as against Rs 44,014,856.52 during the previous year.

Income from advertising :-

An income of Rs. 9,754,814.75 was earned from advertising during the as against Rs 18,196,506.36 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. 31,015,037.11 during the year 2017.

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:-

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

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.

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

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07. MECHANICAL ENGINEERING

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

Description of the locomotives	2016		2017	
	Overhaul	Intermediate	Overhaul	Intermediate
Diesel-Electric-Locomotives: (M2,M4,M5,M5a,M5b,M5c,M6,M7,M8, M8a,M9,M10, M10A)	10	215	11	185
Diesel Hydraulic Locomotives: (Y,W1,W2, N1, N2)	10	202	11	163
Diesel Hydraulic Power Units: (S3, S4,S5, S6, S7, S8, S9,S10,S11,S12)	25	67	30	61
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 2016	Total No, Of Seats	Total No Of Standing	No of vehicles at the beginning of the Year 2017	Total No, Of Seats	Total No Of Standing
S3	Nil	-	-	Nil	-	-
S5	03	60	-	03	60	-
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	19	620	400
S12	23	374	748	23	374	748
Total	99	2576	4908	98	2576	4908

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

Total in stock 2016	Description	BG	NG	Total in Stock 2017
96	(a) Diesel Electric Locomotives (M2,M4,M5,M5B,M5C,M6,M7,M8,M9, G1,M10, M10A)	98	-	98
48	(b) Diesel Hydraulic Locomotives (W1, W2, W3, Y)	48	-	48
02	(c) Diesel Hydraulic Locomotives(P1)	-	02	02
99	(d) Diesel Power Coaches (S5,S6,S7,S8,S9,S10,S11,S12)	98	-	98
02	(e) Diesel Mechanical Locomotives (N1, N2)	-	02	02
07	(f) Air conditioned Train Units (S5)	07	-	07
03	(g) Diesel Rail Cars (T1,T2,G1)	02	01	03
05	(h) Motor Trolleys (MT)	07	-	07
06	(i) Steam Locomotives(B1,B2,B8,J1)	04	02	06
01	(j) Steam Rail Cars (V2)	-	01	01
08	(k) Steam Cranes/Hydraulic Cranes (TRC,BTRS)	08	-	08
24	(l) Rail Bus	24	-	24
01	(m) Mini Loco	01	-	01

Steam and diesel Rail Cars - 2017

Description	Total no of Rail cars	Total no seats	Bogies	Four wheels
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)

Class	Inter Repairs	General Repairs
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

Classification of Repairs to Rolling Stock (Locomotive) 2017

No.	Class	Inter Repair	General Repair
1.	M2,M4,M5, MB,MC,M6,M7,M8,M8A,M9,M10, M10A, G1	185	11
2.	W1, W2, W3, Y	163	11
3.	S3, S5, S6, S7, S8, S9, S10, S11, S12	61	30
4.	T1, T2	-	-
5.	N1, N2	-	-

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 2017

Description	Class	No in Stock	Under repairs in shops	Awaiting re-pairs at shops	In Service
Diesel electric locomotives	M2	13	01	--	12
Diesel electric locomotives	M4	14	02	01	12
Diesel electric locomotives	M5	02	02	--	--
Diesel electric locomotives	M5B	04	01	--	03
Diesel electric locomotives	M5C	07	02	--	05
Diesel electric locomotives	M6	14	04	--	10
Diesel electric locomotives	M7	15	05	01	09
Diesel electric locomotives	M8	08	02	--	06
Diesel electric locomotives	M8A	02	02	--	--
Diesel electric locomotives	M9	10	01	04	05
Diesel electric locomotives	M 10	03	-	-	03
Diesel electric locomotives	M 10 A	06	01	--	05
Diesel electric locomotives	G1	01	--	01	--
Diesel Electric Rail Cars (NG)	T1	01	--	01	--
Diesel Electric Rail Cars (BG)	T2	01	--	01	--
Diesel Hydraulic locomotives	W1	07	01	--	02
Diesel Hydraulic locomotives	W2	03	--	--	02
Diesel Hydraulic locomotives	W3	10	01	--	09
Diesel Hydraulic locomotives	Y	28	07	--	21
Diesel Hydraulic Mechanical loco (NG)	N1	01	--	01	--
Diesel Hydraulic loco (NG)	N2	01	--	01	--
Mini Loco (Mechanical Locomotive)	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	04	--	16
Power Coaches	S9	15	04	--	11
Power Coaches	S10	15	02	--	13
Power Coaches	S11	19	02	--	17
Power Coaches	S 12	23	01	--	22
Steam locomotives	B1A	01	01	--	--
Steam locomotives	B2B/B8c	03	01	--	02

Steam locomotives	J1	02	--	02	--
Motor Trolleys	MT	07	01	--	06
Steam Hydraulic cranes	TRC	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

Locomotives & Rolling Stock 2017

Description	Total
Coaching bogie stock	1377
Coaching four wheel	02
Goods bogie stock	869
Goods six wheelers	01
Goods four wheel	577
Service bogie stock	28
Service four wheel stock	292

Repairs and Renewals to Rolling Stock 2017

Descriptions	No of Vehicles at the beginning of the year			
	2016	No of units	2017	No of Units
Coaching Vehicles (B.G.)				
Rebuilt				
Heavy repairs	209	1674.5	203	1740
Intermediate repairs				
Light repairs	52	58	42	48
Other Coaching vehicles (B.G.)				
Rebuilt				
Heavy repairs	10	77.5	19	142.5
Intermediate repairs				
Light repairs	07	07	07	07
Wagons (B.G.)				
Rebuilt				
Heavy repairs	128	319	105	280
Light repairs	466	46.6	410	41.7
Four Wheel	08	08	24	24

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Vehicles 5'-6' GUAGE - 2017

Description	2016 Total on books at end of the year	Carrying Tons	Capacity gallons	2017 on books	Carrying Tons	Carrying Gallons
Low side Bogies	256	6506		255	6493	
Covered four wheel	489	6353		459	5963	
Covered bogies	267	10690		253	10192	
Livestock wheel	28	364		28	364	
Tank four wheel	16		44050	15		41300
Tank bogies	249		1877136	249		1877136
Brake van four wheel	12			09		
Brake van bogies	01			01		
Misc bogies	26			26		
Bogie hopper wagons	53	1098		53	1908	
Container flats (Local)	25	1000		25	1000	
Container flats (Imported)	25	1000		25	1000	
Misc. four wheel	05	533		05	533	
Total	1452	28354	1921186	1403	27453	1918436
<u>Service Vehicles</u>						
Fuel four wheel						
Fuel bogies						
Ballast four wheel	258	3354		254	3302	
Engineering four wheel	18	234		18	234	
Engineering bogies	15	154		14	142	
Misc. four wheel	02	26		02	26	
Total	293	3768		288	374	
Grand Total	1745	32122	1921186	1691	31157	1918436

Latest Position of Power Coaches - 2017

Type	No. of Vehicles	Standing Capacity	3 rd Class Seat	2 nd Class Seat	1 st Class Seat	Total Of Seat	Total Standing Capacity
S-6 SBD	06	100	50			300	600
S-7 SBD	09	192	58			522	1728
S-8 SBD	17	196	64			1088	3332
S-9 SBD	15	196	64			960	2940
S-10 SBD	15	196	64			960	2940
S-11 SD	20	38		56		1120	760
S-6 SBC	11	136	66			748	1496
S-7 SBC	09	236	68			612	2124
S-8 SBC	58	253	72			4176	14774
S-9 SBC	60	253	72			4320	15180
S-10 SBC	60	253	72			4320	15180
S-11 TC	60	60	90			5400	3600
S-11 SC	20	48		72		1440	960
S-12 SBD	05	165	120			600	825
S-12 SBC	20	246	180			3600	4920
S-12 AFC	18				44	792	
S-12 ARC	02				32	64	
S-12 TCBU	08	36	22			176	288
S-12 SC	22	66		44		968	1452
S-12 TC	22	88	66			1452	1936

Coaching Vehicles 5'-6' - 2017

Description	Total No. of Vehicles 2016	SEATS			BERTHS		STANDING
		1st	2nd	3rd	1st	2nd	
Carriages of Uniform Class	909	1760	8880	87269	228	102	126700
Composite Carriages	35		182	1085	18		
Brake Composite	350	384	1264	15056			14590
Restaurant car	15						
Saloons	12						
Four wheel saloons	01						
Total Coaching	1322	2144	10326	103410	246	102	141290

Vehicles							
Other Coaching Vehicles							
Luggage Van	28						
Post office Van	10						
Carriage Van	01						
Four Wheel Carriage Van	01						
Misc	36						
Total other coaching vehicles	76						
Grand Total Coaching Vehicles	1398	2144	10326	103410	246	102	141290

Coaching Vehicles 5'-6' - 2017

Description	Total No.of Vehicles 2016	SEATS			BERTHS		STANDING
		1st	2nd	3rd	1st	2nd	
Carriages of Uniform Class	902	1746	8880	86737	214	102	126168
Composite Carriages	35		182	1085	18		
Brake Composite	340	370	1264	14524			15758
Restaurant car	15						
Saloons	13						
Four wheel saloons	01						
Total Coaching Vehicles	1305	2116	10326	102346	232	102	141926
<u>Other Coaching Vehicles</u>							
Luggage Van	28						
Post office Van	10						
Carriage Van	02						
Four Wheel Carriage Van							
Misc	34						
Total other coaching vehicles	74						
Grand Total Coaching Vehicles	1379	2116	10326	102346	232	102	141926

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.

Class of Engine	Diesel litres per engine km	Lub oil litres per km
W1	5.0109	0.1903
W2	3.7144	0.0218
W3	3.2448	0.0531
Y	1.1289	0.0561
S5	--	--
S6	--	--
S7	--	--
S8	2.4021	0.0186
S9	2.1360	0.0256
S10	2.5870	0.0256
S11	1.9877	0.0082
S12	1.8830	0.0243
M2	2.2764	0.0502
M4	3.1631	0.0407
M5	---	--
M5B	2.9788	0.0438
M5C	2.8376	0.0149
M6	3.5796	0.0676
M7	2.9077	0.0590
M8	3.7743	0.0551
M8A	3.5174	0.0744
M9	4.1490	0.0514
M10	-	-
M10A	-	-
AFC	-	-
R/B	-	-
<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	-	3,684	18,460	701	0	0
W2	15	105,292	391,100	8,540	0	148
W3	18	397,436	1,289,620	21,114	0	288
Y	-	500,968	565,436	28,126	0	328
M2	-	862,396	1,963,120	43,320	512	58
M6	-	1,186,108	4,245,788	80,122	446	69
M7	-	364,828	1,060,800	21,536	68	268
M4	35	1,392,390.8	4,404,260	56,676	0	353
M5A	0	0	0	0	1,908	0
M5B	16	182,809.6	544,560	8,016	0	0
M5C	07	297,740.8	844,880	4,448	0	94
M8	16	510,284.8	1,925,960	28,108	-	228
M8A	3	58,054.4	204,200	4,320	0	64
M9	9	140,083.2	581,200	7,198	0	32
M10	0	0	0	0	0	0
M10A	0	0	0	0	0	0
S5	-	-	-	-	-	-
S6	0	0	0	16	0	0
S7	0	0	0	0	0	0
S8	24	1,440,976	3,461,400	26,804	0	0
S9	0	790,064	1,687,600	55,752	2,784	734
S10	33	1,387,684	3,589,920	0	0	0
S11	29	1,659,800	3,299,140	13,600	0	322
S12	0	2,247,769	0	0	0	0
AFC	0	0	0	0	0	0
R/B	0	0	0	0	0	0
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
Total	205	11,280,599.6 (km)	30,077,444 (Lt)	408,397 (Lt)	5,718 (Lt)	2,986 (kg)

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 2017)

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.	<u>Northern Line</u> 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.	<u>Talaimannar Line</u> 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
	Total	1460.91 km

Railway Line – 2017

No.	Description	2017 (kms)
1	Total Route Length	1460.91 kms
2	Track Gauge	1676 mm
3	Ruling Gradient	1:44
4	Ruling Curvature	5 ch (100m)

Particulars of construction/Launching and maintenance of bridges and other connected work carried out in 2017 are as follows.

01. No of bridges repaired.

- I. Renewal of L/Timber flooring with new transverse trough at Bridge at 40 ft span at 106M 76CH – ML.
- II. Repairs to weak cross girders / Rail bearers / Overhead bracings at 1 x 100 ft span at 38M 60CH – CL.
- III. Repairs to foot path hand railing of Up line / corroded bottom bracings 10 sets at Bridge at 17M 23CH – Down line / CL.
- IV. Repairs damages to 3x80 ft spans by derailment at bridge at 110M 35CH – ML.
- V. Renewal of L/Timber flooring with new transverse trough at Bridge at 40 ft span at 26M 15CH – KVL
- VI. Repairs to damages cross girders / Stiffeners and other members of Bridge at 107M 44CH – NL ,by Derailment.
- VII. Repairs to Bridge at 140M 39CH – NL,1x44 ft semi through span with transvers trough damage by derailment.
- VIII. Repairs to Corroded pocket palates / corroded and hollid cross girders 1 x 40 span, 2 x 80" span, at bridge at 142M 43CH – ML.

02. No of Bridges painted in Districts.

Central District

Bridges at 12M – 58C,03M – 40C,13M – 26C,19M – 58C, 51M-53C Hi Roof at fot.51M 44C, Service path KLA, 15M 47C,02M 58C,

Northern District

Bridges at 106M 19C, 122M 05C,131M 18C,O/H Bridge at RBK, O/H Bridge at ANP , 131M 68C, 140M 39C, 138M 01C, 138M 19C, 107M 44C, 140M 39C, 138M 27C.

Lower District

Bridges at 40M 79C, 33M 43C,38M 60C,Hi Roof at Fot, 17M 23C,40M 79C,53M 31C O/H Bridge at GLE, 44M 76C, 50M 35C, T/T GLE,19M 75C,

Upper District

Bridge at 106M 76C, O/H Bridge at KGW ,07M 05C 110M 35C,142M 43C, 107M 44C,110M 30C,

Eastern District

Bridges at 109M 11C,06M 57C,05M 48C, 108M 13C,88M 44C ,MHO T/T,84M 30C , 11M 41C,80M 53C, 86M 26C,86M 37C, 88M 76 C, 91M 51C, 91M 54C 93M 51C, O/H Crane F -22 RML ,93M 76Ch,O/H Bridge at FOT, 94M 12C, 95M 09C, 26M 15C, O/H Crane f 20 RML , 96M 70C,160M 64C,

03. No of new Bridges installed.

- I. Launching of 2x 25 ft, I / Timbers at bridge at 05M 60CH – Down line / ML.
- II. Launching of NEW 40ft double line span at bridge at 06M 59CH – CL .
- III. Launching of 12 ft L /Trough span at Bridge at 51M 53CH – ML .

04. No of Turn Tables repaired.

- I. Modification of race wheels and axels for other turn tables are in progress at RML work shops.
- II. General repairs carried out to other turn tables as required.
 - DMA/MGW/GLE
 - Modifying Turn Table deck of GLE
 - DMA/MHO/ALT
 - MHO/PLI/KKS
 - MHO/KDT
 - PTM/BCO/MHO
 - MHO/GOA/TCO
- III. Necessary repairs to Table deck and erection of new hand railing for Turn Table GLE.

05. No of High-roof repaired.

- I. Gutter repairs to Shop 24/ Shop 45/ Diesel 04.
- II. Fixing new window frames for shop 13.
- III. Repairs to crane gantry of shop 20.
- IV. Providing of Perspex sheets for shop 14/16/20/43.
- IV. Strengthening of steel structure of over head water tank RML.
- V. Erection of new stairway for over head water tank RML.
- VI. Necessary Roof repairs to shop 11/43 SRS.
- VII. Erection of columns / roof trusses for shop 22 RML.

06. Other General Work Carried Out.

- I. Fabrication of new 34 ft deck span for 03M 20C-KVL.
- II. Fabrication of new 34 ft deck span for 82M 56CH-PTML.
- III. Fabrication of new transvers trough for UD Bridges in Progress.
- IV. Erection of Frame work for new service path for new KLA bridge.
- V. Erection of PSC beams for Passenger Over Head Bridge PRL station.
- VI. Repairs to Passenger Over Head Bridge APS station.
- VII. Repairs to Passenger Over Head Bridge MIR station.
- VIII. Erection of PSC beams for Passenger O/H bridge BEM Station.
- IX. Erection of PSC beams for Passenger O/H bridge ANM Station.
- X. Working Crane Special to Bridge at 168 M 59 CH – BCOL for Launching of 02 nos, 36ft temporary span.
- XI. Repairs to passenger Over Head Bridge ANP station.
- XII. Roof work for new Passenger Over Head Bridge FOT station platform 01/02.

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 336 personnel consists of skilled, semiskilled and non-skilled workers who are under the direct supervision of district signal engineers.

The whole signalling network 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

b. Foreign Training

No.	Training Course	Country	No of Persons
01	2017 Seminar on Electrified railway power supply management techniques for developing countries.	China	02
02	2017 SEMINAR for SENIOR TECHNICAL STAFFS Railway Signal Management for developing countries.	China	03
	Procurement of supply installation, Testing and handing over of 25 Nos. of Double Line and 175 Nos. of Single line crossing protection systems including training to sri lanka railway procurement no. SRS/F. 7089	China	02

List of Works done by the Sub Department Signal and Telecommunication of Sri Lanka Railways during the year 2017

- Provision of colour light signal systems for Narahenpita and Nugegoda stations.
- Dobul line bi - directional colour light signal system installation from Kaluthara south to Payagala South.
- Installation of third line connection at Vauniya and Kodikamam stations.
- Colombo Fort buffer line connection at Vauniya & Kodikamam stations.
- MDA control office rehabilitation by shifting work stations, video wall and circuit control room to new locations.
- Fixing 15 numbers of fire extinguishers in select locations at LTL - MDA
- Commissioning of 100k V A Generator plant at MDA
- Rehabilitation of Sri Lanka Railway Private Automatic Branch Exchange System by providing communication facility to all the sub - departments; CEM, CME, CWE, CSTE, MDA - H/O and Fort and MDA Stations.
- Inverter modification done at Ginthota and Kotuwegoda.
- CAB 84 and 94 at SED - KTK wiring for double line Bell and light systems.
- The existing relay system replaced with Q type relays at Polgahawela West cabin.
 - Level Crossing Protection Systems:
 - Mechanical Barriers - Kanthale - Colombo Main Road, Wattegama
 - Conversations to Electrical Barriers - Kattiya Junction, Kirimandala Maeatha & Dabare Mawatha, Enderamulla.
 - Bell & Light Systems - Thalawa - Kekirawa Main Road
 - Jayasumanarama Road, Heenatiyagala Road, Mataramba Road, Daranduwa II, Galdoowa.
 - Araliya Uyana and Highway access road at Kurunegala
 - 23 Nos of DX3 type systems in Southern Section
 - 15 Nos of XP4 (GE) type systems in southern section
 - 21 Nos of Chinese B & L Systems in JLA - Halawatha.

- Cable Laying
 - Tablet cable laying from Gal Oya to Hinguraggoda (20 km distance)
 - Signal cable laying Parasangahawewa - Vauniya - Omanthei
 - Underground power and signal cable laying for SED - KTK double line bi - directional colour light signaling project
 - Rehabilitation of Hitachi Cable in GPH Section
 - Rehabilitation of Power cables : GPH Section - 500m, RGM Section - 500 m, JLA Section – 1000 m

- Yard Overhauling and tablet overhauling
 - Mechanical : Koonewa, Kalawewa, Moragollagama, Kekirawa, Palugaswewa, Watawala, Thalawakele, Rozella, Hatton, Nanuoya, Bandarawela, Balana, Kadugannawa, Induru Oya, Ulapane, Peradeniya, Ganewatta, Mirigama, Alawwa, Ambepussa.
 - Electrical : Parasangahawewa, Veyangoda.

- Other
 - Kurunegala Mechanical yard has converted to electrical
 - Completion of track circuits in BDA, DLA, HPT and HTN yards
 - Rehabilitated DN outer Home signal, repeater, signal, gate lever frame at RZL
 - Outer Home to outer home overhead wire replacement at HTN and NVP
 - Bed timber replacement with MS plate at NVP, KGW, Great Western
 - Points timber replacements 06 Nos in DIR (RGM) Section (Kurana, Katunayake Airport, 2 in Ganemulla, 2 in Ragama), 06 Nos in DIR(PLG) Section (2 in Veyangoda, Polgahawela, Ambepussa, Rambukkana, Nagollagama), 09 Nos in MDA , 03 Nos in URW, 02 Nos in FOT
 - 04 nos of point machine replacements at Veyangoda, Kurana and modification of 02 nos of point machines at vauniya
 - Conversion of 4 nos of point machines from 80 Lbs to 90 Lbs line at MDA
 - Shifting of signals at Gatambe for Kandy - Peradeniya double line project
 - Shifting of two down admission signals at MAD to increase vicinity
 - Shifting of DN starter and 2 cabinets at Kelaniya
 - Shifting of Barrier machine of main Road at IPZ, Shifting of CLS 179, CLS 181 at SED and point no 07 connection, Track Circuit preparation for double line project works.
 - Signal sticker replacement at Galboda, Watawala, Rozella, Hatton
 - Repairing of katugastota road L'xing at KDT

- Completed fixing of earthrods inRH IV, V, VI at MDA.
- Temporary fixed cables by the CTC project Phase II are removed from RH I, V, VI at MDA
- Installation of 60 Nos of mirrors in upper section.

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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 5,312.04 million at the end of 31 st of December 2017 as against Rs 5,422.14 million at the end of December 2016.

Verification of stock was carried out on a continuous verification basis and an annual verification of stores was also carried out in December 2017.

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

(Rs. in Mn.)

Description	Balance as at 01.01.2017	Receipt During 2017	Issues During 2017	Balance on 31.12. 2017	Stock turn Over ratio
Fuel & Lubricant	61.84	-	-	61.84	-
Spares for locomotives	4,334.28	1,258.66	1,435.51	4,157.43	0.34
Carriages & wagons	179.11	156.41	189.67	145.85	1.17
Signal Equipment	348.84	40.50	41.89	347.45	0.12
Permanent way- Materials	4.56	--	0.02	4.54	--
General Stores	493.51	386.47	285.05	594.93	0.52
Total	5,422.14	1,842.04	1,952.14	5,312.04	0.36

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 2016/2017.
- Monthly passenger statistics for 2016/2017.
- Quarterly train and locomotive statistics for 2016/2017.
- Quarterly reports of vehicle kilometres for 2016/2017.

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13. RAILWAY PROTECTION SERVICE

General

Railway Protection Service 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 509 security personnel including one Superintendent and four 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 Motor trolley operations. There are 85 security officer's engaged & provide security for the function.

Security provided to the International Vesak Festival which was held May 2018. (Special Train operation)

Security provided for the special train running at the event of International Vesak Festival.

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 2017.
- Provide security facilities for the New Year Season April 2017.
- Provide security facilities for the Pichamal Pujawa 2017.
- National Independence Day Celebration Function at February 2017.
- St Anne's Church festival at Thalawila in March,July.
- Wesak and Poson-Full moon poya day ceremonies at Anuradhapura, Mihinthalaaya, Fort, Maradana, Kalaniya and other stations.(Employed more than 100 security staff)
- Esala Perahera (Dalada Perahera) at Kandy. (August 2017)
- Annual Buhari religious festival at Beruwala.
- Ragama Basilika religious festival at Ragama.
- Provide security facilities for the Christmas Season December 2017.
- Provide security facilities for the Buhari Festival in 2017.
- Provide security facilities for the Chilaw Munneshvaram Kovil Festival 2017.
- Provide security facilities for the Ambalangoda Modhara Church Perahara Festival 2017.
- Provide security facilities for the Palavi – Thalavila Sen Arna Church Festival in 2017.

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 92 such cases were reported and 37 cases were finalised. The remaining 55 cases were under investigation.

Crimes - Railway Ordinance

Under the provisions made in the Railway Ordinance 2,239 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 8,442,003.96 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 2017 – Duties of the Railway Protection Force

No.	Month	Passenger Travelling With out Ticket		Passenger Travelling With out Ticket – 1 st Class		Higher Wight Transport	
		Number	Fine (Rs.)	Number	Fine (Rs.)	Number	Fine (Rs.)
01.	Jan	102	314,775.00	6	23,160.00	3	1,238.00
02.	Feb	123	374,283.00	9	28,055.00	1	680.00
03.	March	128	436,215.00	15	45,645.00	1	517.00
04.	April	114	304,071.00	15	46,335.00	1	910.00
05.	May	84	268,370.00	48	141,555.00	3	1,290.00
06.	June	70	214,380.00	28	87,820.00	1	270.00
07.	July	245	809,000.00	50	158,110.00	8	3,034.00
08.	August	96	300,643.00	43	132,240.00	2	1,812.00
09.	September	182	539,545.00	15	47,872.00	21	2,803.00
10.	October	95	291,370.00	8	25,025.00	6	1,610.00
11.	November	56	180,120.00	50	159,120.00	4	1,005.00
12.	December	38	120,790.00	5	18,055.00	9	2,331.00
	Total	1333	4,153,562.00	292	912,992.00	60	17,500.00

In 2017 – Duties of the Railway Protection Force

No.	Month	Legal Actions		Departmental Actions		Total
		Number	Fine (Rs.)	Number	Fine (Rs.)	Fine (Rs.)
01.	Jan	25	31,100.00	5	122,088.00	492,361.00
02.	Feb	10	119,650.00	6	297,806.00	820,474.00
03.	March	56	102,400.00	8	201,700.26	786,477.26
04.	April	12	23,000.00	5	91,020.00	465,336.00
05.	May	1	2,000.00	11	148,107.00	561,322.00
06.	June	85	112,500.00	4	91,200.00	506,170.00
07.	July	107	194,540.00	6	151,673.00	1,316,357.00
08.	August	51	60,620.00	4	175,351.84	670,666.84
09.	September	31	82,500.00	5	80,611.86	753,331.86
10.	October	43	63,000.00	7	295,994.00	676,999.00
11.	November	47	95,800.00	16	390,984.00	827,029.00
12.	December	4	321,555.00	5	102,750.00	565,481.00
	Total	472	1,208,665.00	82	2,149,289.96	8,442,003.96

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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 43 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)

<u>Course</u>	<u>No of Apprentice</u>
Diesel Engine Mechanic /Welding/Electric/Machine	53

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

No.	Description	NAITA	NVQ (Level -4)
1	Welding	18	18
2	Diesel Engine Mechanic	28	-
3	Electrician	19	19
4	Mechanical	08	08
	Total	73	45

Training for Departmental employees:

<u>Course</u>	<u>Sub-Dept</u>	<u>No</u>
Computer Course	Railway Station Masters	193
Mechanical Course	Engine Drivers	100
Basic Diesel Engine Course	C.E.M	47
Basic Mechanical course	C.M.E	07
Basic Metal Course	C.E.M/C.E.S.T	115
Break & Welding Course	C.E.M	08
Basic Welding Course	C.M.E/C.E.M	12
Basic Engine Electric Course	C.E.M	42
Basic Electric Course	C.M.E	11
Electric Course	C.E.S.T	03
Total		<u>549</u>

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>
Total	<u>176</u>

Training Courses and Practical Tests

<u>Institute</u>	<u>No of Participant</u>
Sri Lanka Navy	06
Asian Aviation-one day	<u>13</u>
Total	<u>19</u>

Provide work shop facilities for Professional Test (Railway Employees)

Technical Assistant Diesel Welder	02
Basic Technical Service	01
Basic Welding	279
Basic Welding	38
Mechanical Welder	09
Supervisor (EB 01)	05
Minor Administrator	<u>01</u>
Total	<u>335</u>

Repairs & Production

Sub Department	Task	Quantity
1. C.M.E	Power Contactor	23
	40''x 24 ½'' Aluminium Frames	01
	Carriage fan cover	11
	Dynamic grid resister	02
	Aluminium Plate	02
	S9 Corridor door rail	01
2. Fire Brigades	Aluminium Radiator	01
3. C.S.T.E	Point adjusting screw	30
4. German Technical	Repair Vehicles & Equipment's	-
Total		71

Constructions & other services

01. Provide guidance for work shop teams.
02. Lunching Denge prevention programs
03. Functioning Railway Sport Festival
04. Conducting programmes for “ Positive Thinking ”
05. Organizing Blood donation compain
06. Repair “ Robby ” Railway Engine
07. Provide Stall for Sustainable Development (Colombo) & North West Development (Kurunagala).

Training Courses

No.	Description	Group	No of Students
1.	Diesel Engine Mechanic	2013	31
		2014	28
		2017	22
2.	Mechanical	2012	15
		2013	15
		2014	14
		2017	08
3.	Electrician	2012	19
		2013	27
		2014	29
		2017	17
4.	Welding	2013	18
		2014	15
		2017	06
	Total		264

Provide work shop facilities for undergraduate students

No.	Institute	No of Students
01.	University of Moratuwa	9
02.	University of Peradeniya	6
03.	North East University	3
04.	Kothalawala Defence Acadamay	9
05.	Open University	16
06.	Engineering Technical Institute	27

07.	Higher National Technical Institute	7
08.	IESL	2
09.	NDT	1
10.	SLIT	4
11.	CINEC	2
12.	ESOFT	1
13.	Technical Collage	3
	Total	90

Exam Fees charge for Students

Institute	Fees
Navy	Rs. 35,500.00
Asian Aviation Center	<u>Rs. 71,250.00</u>
Total Earnings from Exams	<u>Rs. 106,750.00</u>

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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 2017

1. Prepared action plan for year 2017.
2. Prepared corporate plan for 2013 to 2017.
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 2017 there were 72 registered & activated trade unions. (except Combine Trade Unions). There are 02 welfare officer vacancies but not fill yet.

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